

Oregon Public Health Division

Published May 5, 2023

Data at a Glance April 23 2023 — April 29 2023 (Week 17)

	Current Week (17)	Previous Week (16)
Percentage positive influenza tests¹	0.2%	0.1%
Portland tri-county influenza-associated hospitalizations²	0	0
Reported influenza outbreaks³	0	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.1%	1.1%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

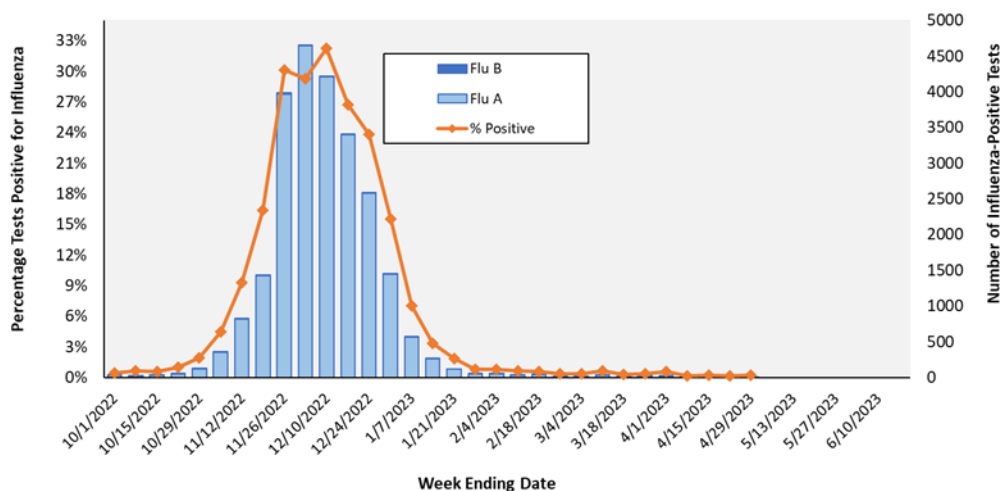
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

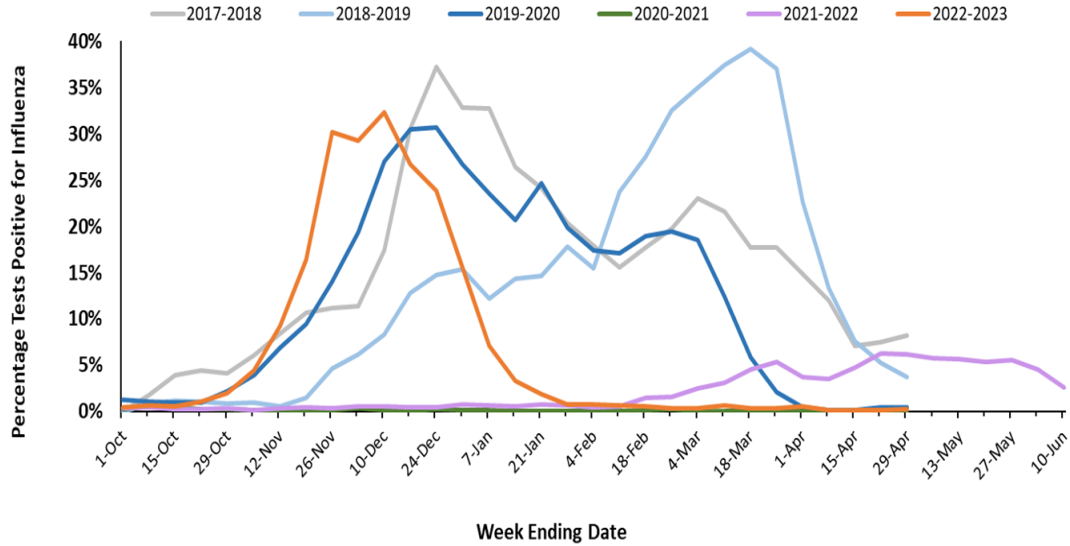
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1248	5	0.4%	1	20.0%	4	80.0%
Southern Oregon	550	2	0.4%	0	0.0%	2	100.0%
Columbia Gorge	143	0	0.0%	0	0.0%	0	0.0%
Central Oregon	503	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	363	0	0.0%	0	0.0%	0	0.0%
State Total	2807	7	0.2%	1	14.3%	6	85.7%

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

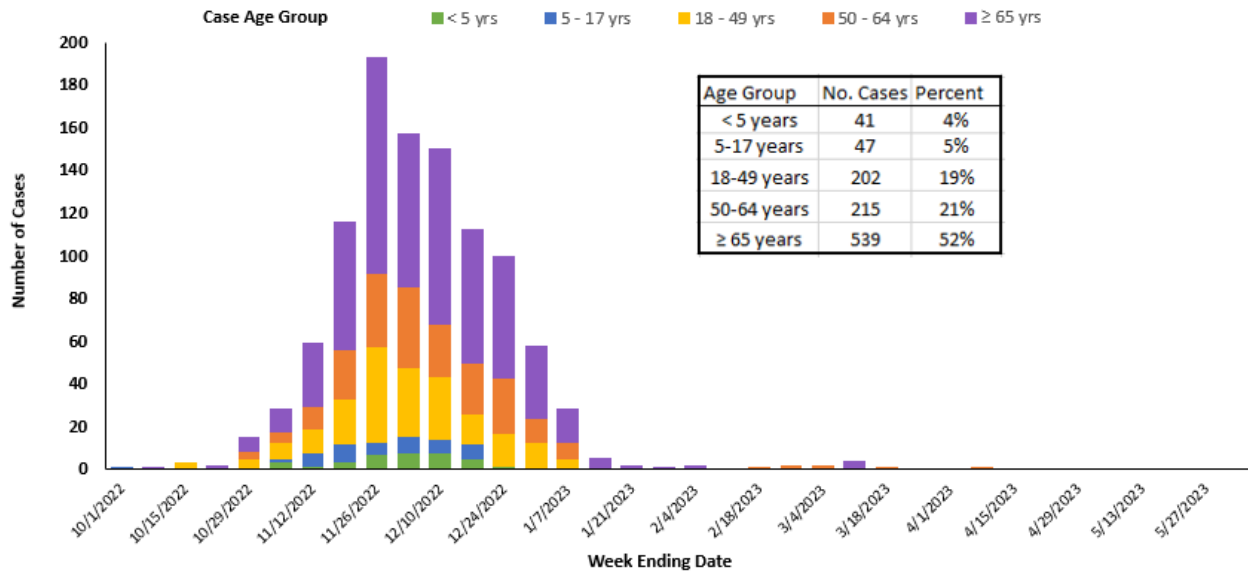


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



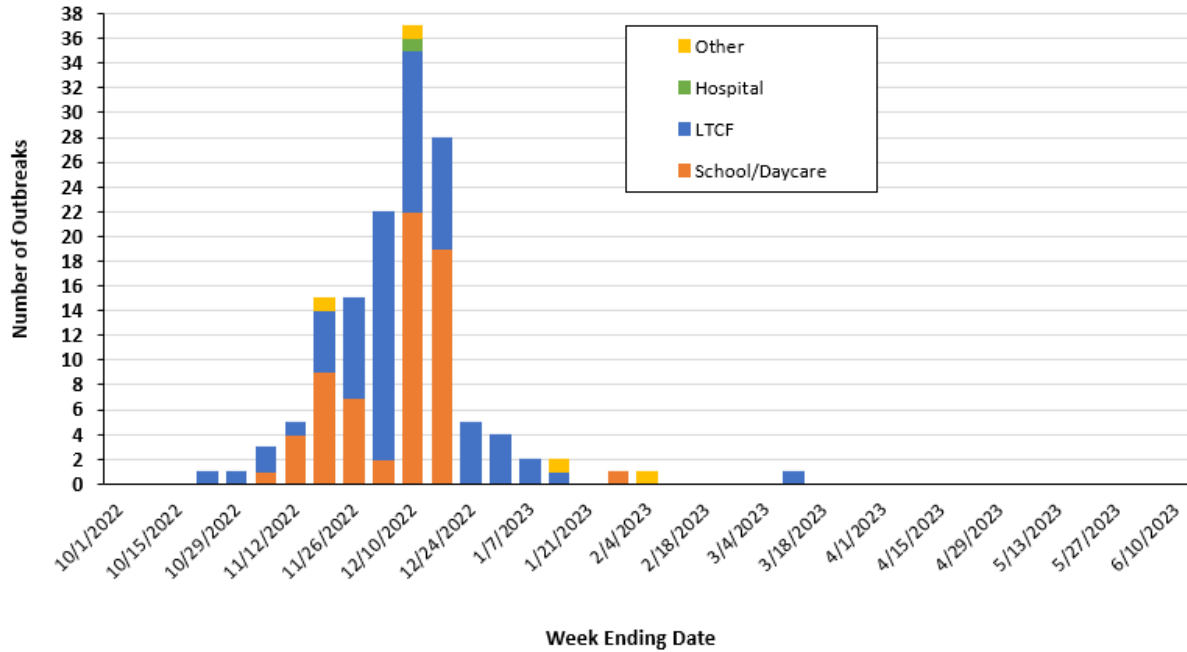
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 17 of 2023. There have been 1044 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.7 per 100,000 people.

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



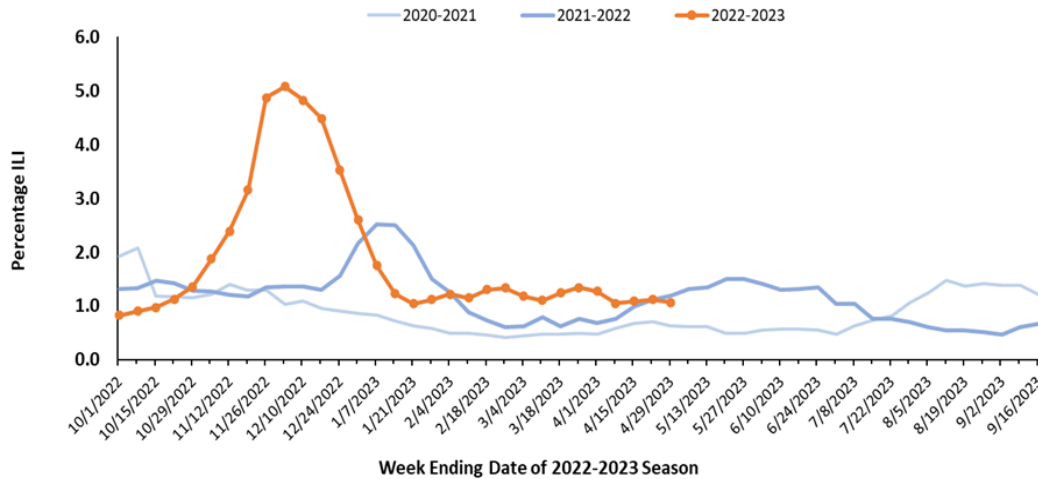
Influenza Outbreaks: 0 influenza outbreaks were reported during week 17. To date during the 2022–2023 season, 146 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.1% during week 17, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 17, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

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 1.0% this week.
- **Public Health Labs:** The most frequently reported viruses this week were influenza B.
- **Virus Characterization:** Genetic characterization data are now summarized on [CDC FluView](#)

Illness

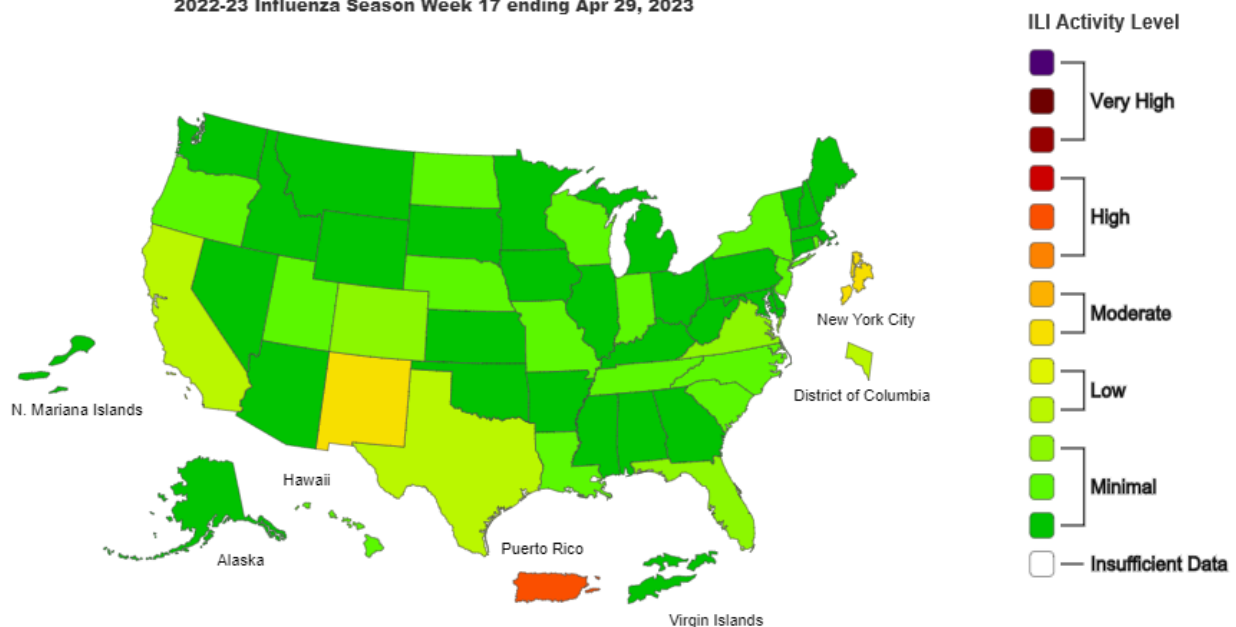
- **ILINet Outpatient Illness:** Nationwide during week, 2.0% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 2 jurisdictions experienced high or very high activity
- **Long-term Care Facilities:** This week, 0.4% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 61.9 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 911 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 7.3% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.8% for this week.
- **Pediatric Deaths:** 5 influenza related deaths were reported this week, 149 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

2022-23 Influenza Season Week 17 ending Apr 29, 2023



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>

Oregon Public Health Division

Published April 28th, 2023

Data at a Glance April 16 2023 — April 22 2023 (Week 16)

	Current Week (16)	Previous Week (15)
Percentage positive influenza tests ¹	0.1%	0.2%
Portland tri-county influenza-associated hospitalizations ²	0	1
Reported influenza outbreaks ³	0	0
Influenza-associated pediatric mortality ³	0	0
Percentage of emergency department visits for ILI ⁴	1.1%	1.1%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

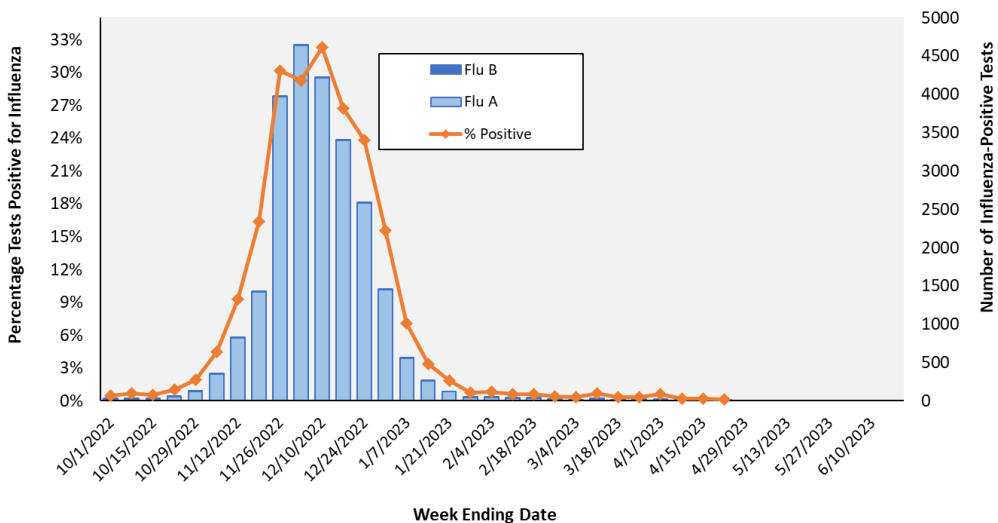
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

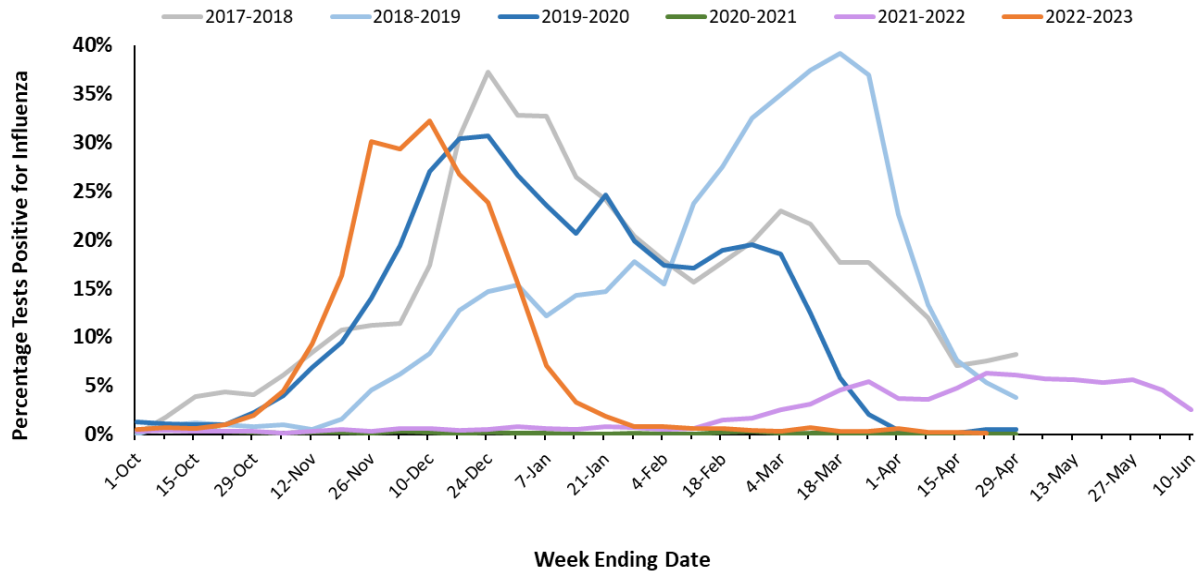
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1147	2	0.2%	0	0.0%	2	100.0%
Southern Oregon	617	1	0.2%	0	0.0%	1	100.0%
Columbia Gorge	138	0	0.0%	0	0.0%	0	0.0%
Central Oregon	57	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	358	0	0.0%	0	0.0%	0	0.0%
State Total	2317	3	0.1%	0	0.0%	3	100.0%

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

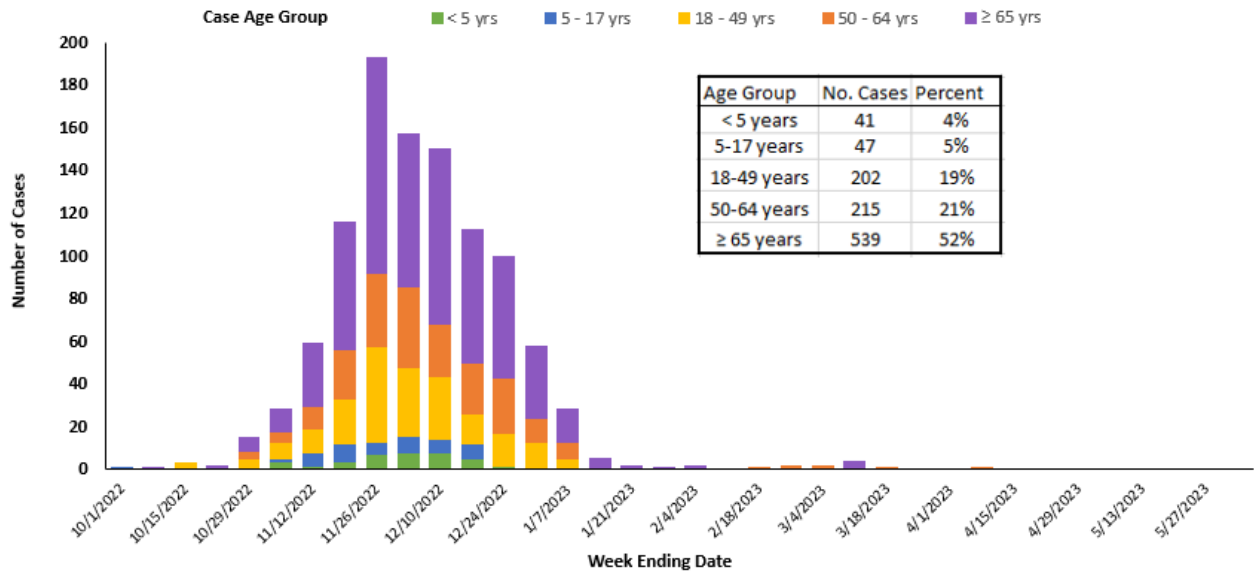


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



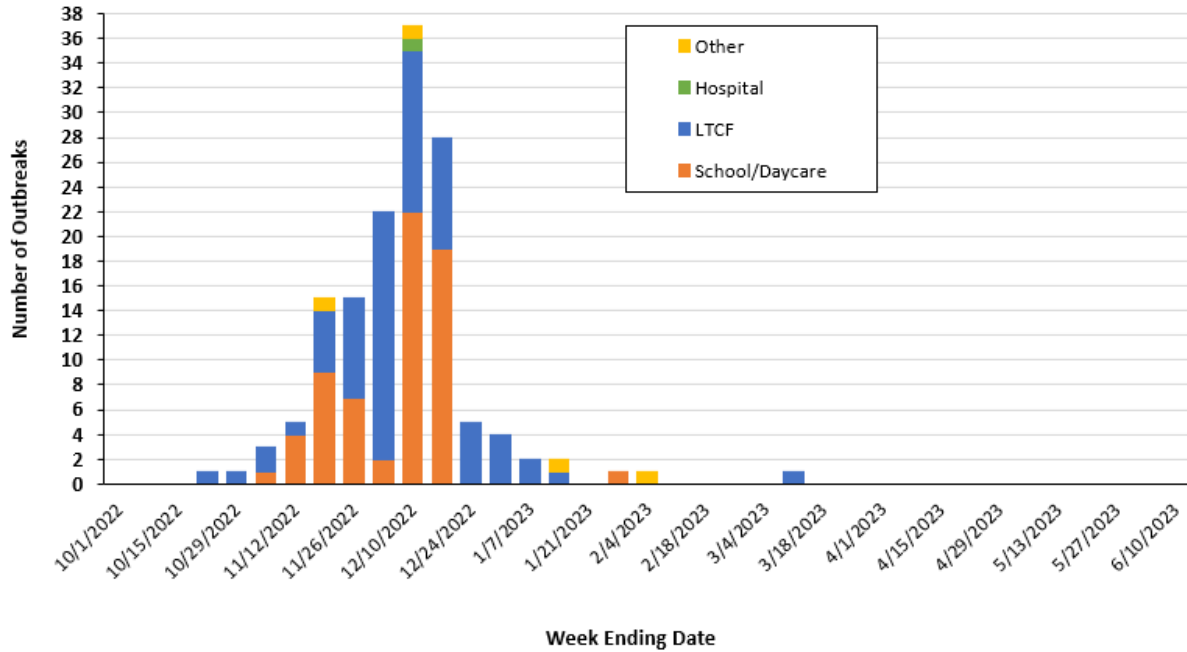
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 16 of 2023. There have been 1044 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.7 per 100,000 people.

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



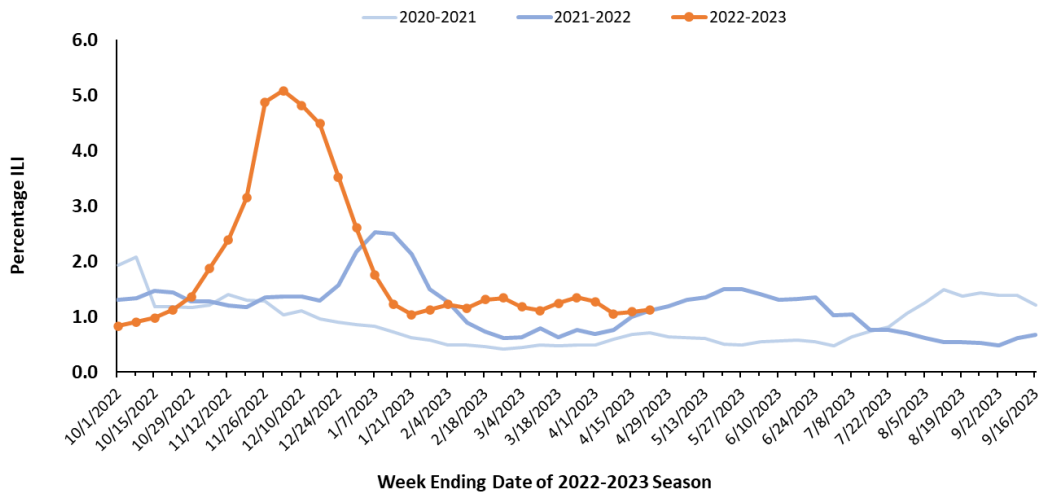
Influenza Outbreaks: 0 influenza outbreaks were reported during week 16. To date during the 2022–2023 season, 146 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.1% during week 16, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 15, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.8% 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](#)

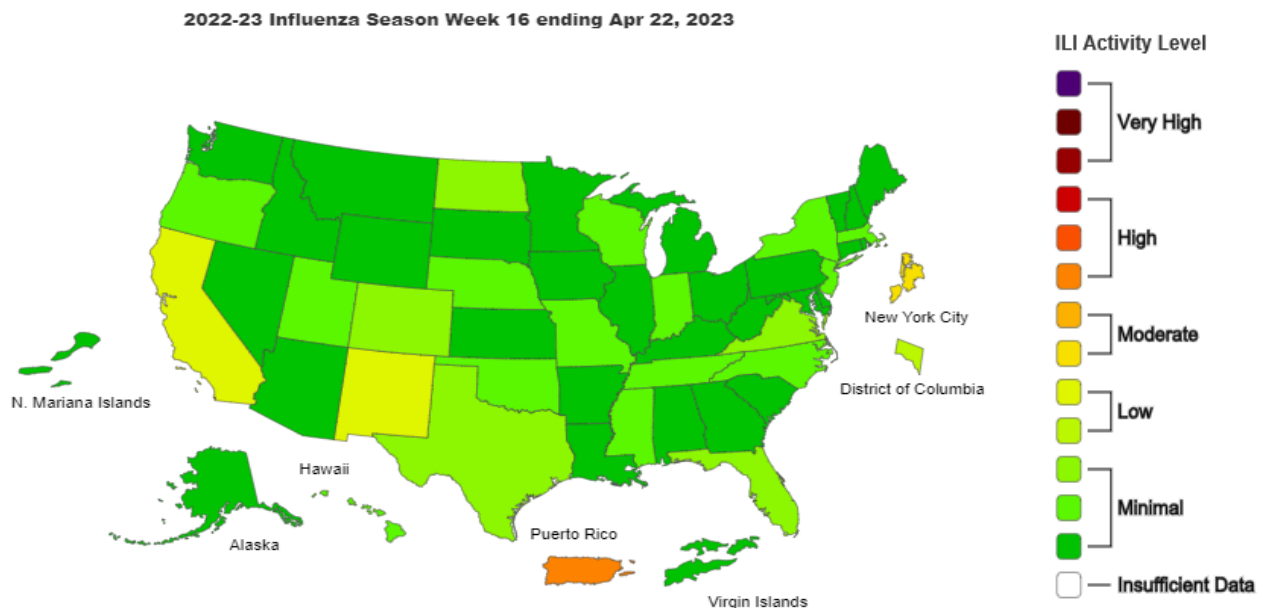
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 1.9% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 1 jurisdiction experienced high or very high activity
- **Long-term Care Facilities:** This week, 0.3% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 61.8 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 984 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 7.5% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.8% for this week.
- **Pediatric Deaths:** 2 influenza related deaths were reported this week, 145 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>

Oregon Public Health Division

Published April 21st, 2023

Data at a Glance April 9 2023 — April 15 (Week 15)

	Current Week (15)	Previous Week (14)
Percentage positive influenza tests ¹	0.2%	0.2%
Portland tri-county influenza-associated hospitalizations ²	1	0
Reported influenza outbreaks ³	0	0
Influenza-associated pediatric mortality ³	0	0
Percentage of emergency department visits for ILI ⁴	1.1%	1.1%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

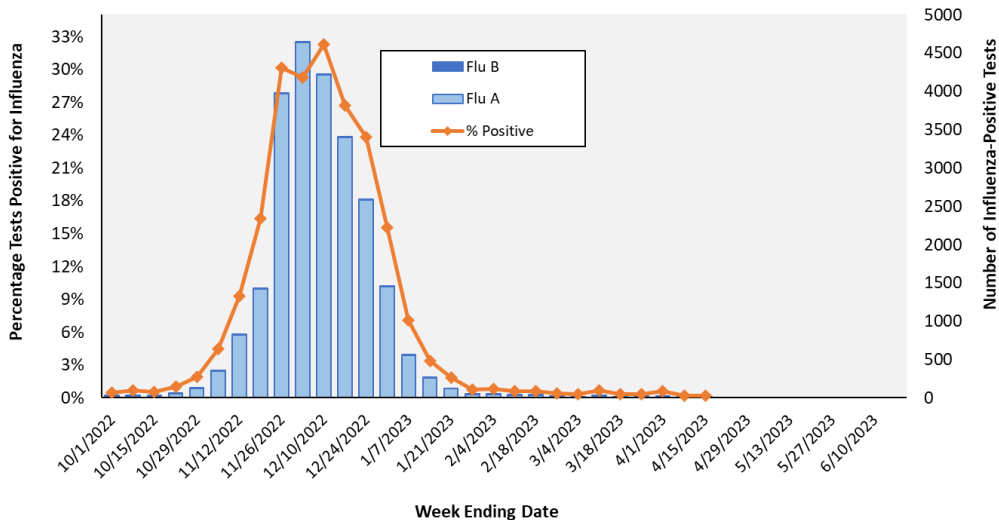
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

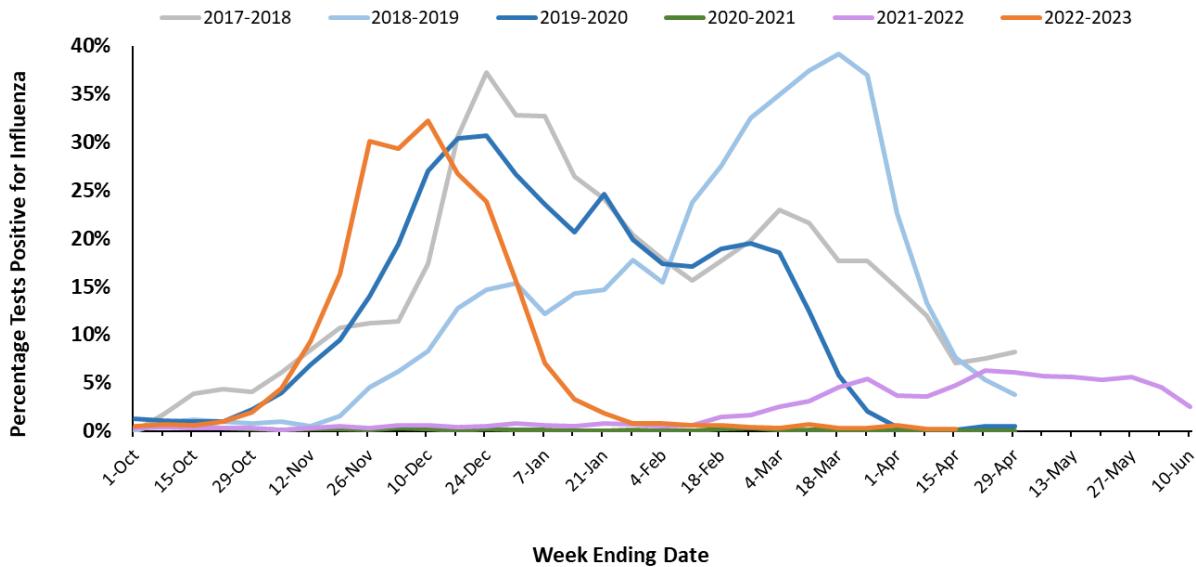
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1585	4	0.3%	1	25.0%	3	75.0%
Southern Oregon	470	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	166	3	1.8%	1	33.3%	2	66.7%
Central Oregon	514	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	442	0	0.0%	0	0.0%	0	0.0%
State Total	3177	7	0.2%	2	28.6%	5	71.4%

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

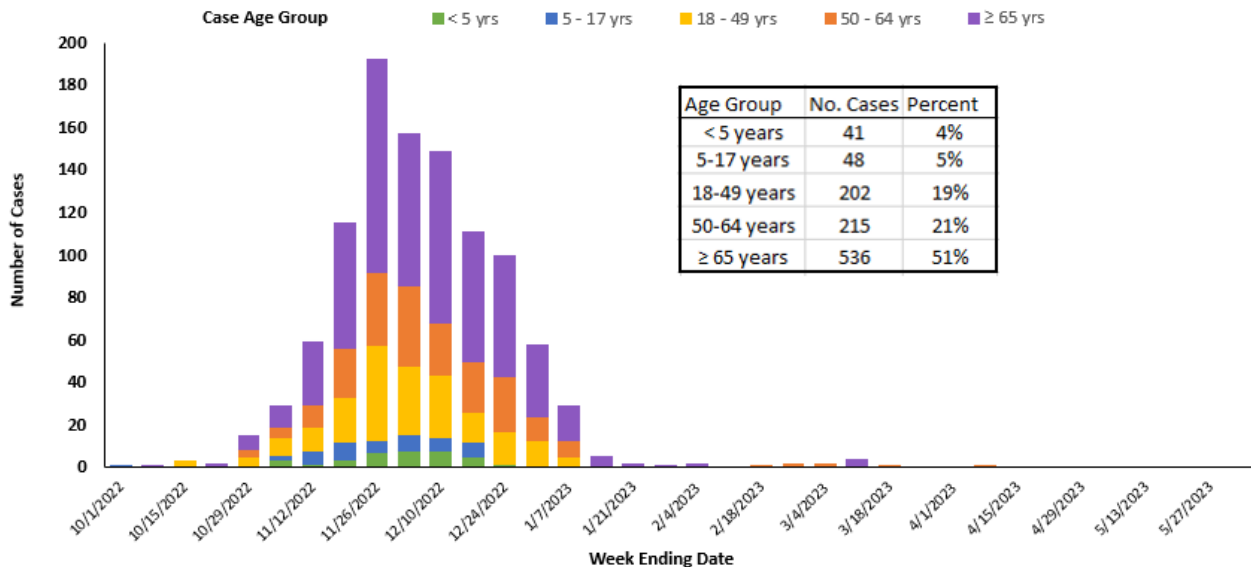


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

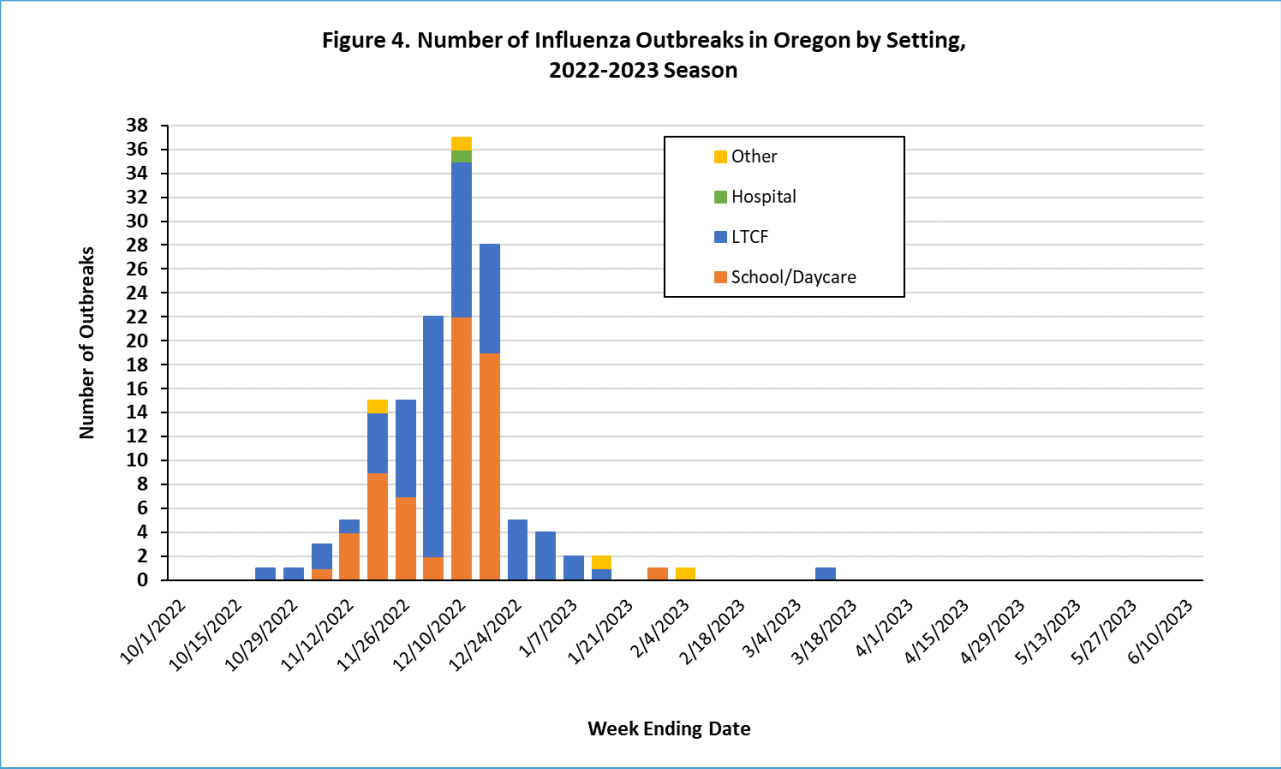


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 influenza-associated hospitalization occurred during week 15 of 2023. There have been 1042 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.6 per 100,000 people.

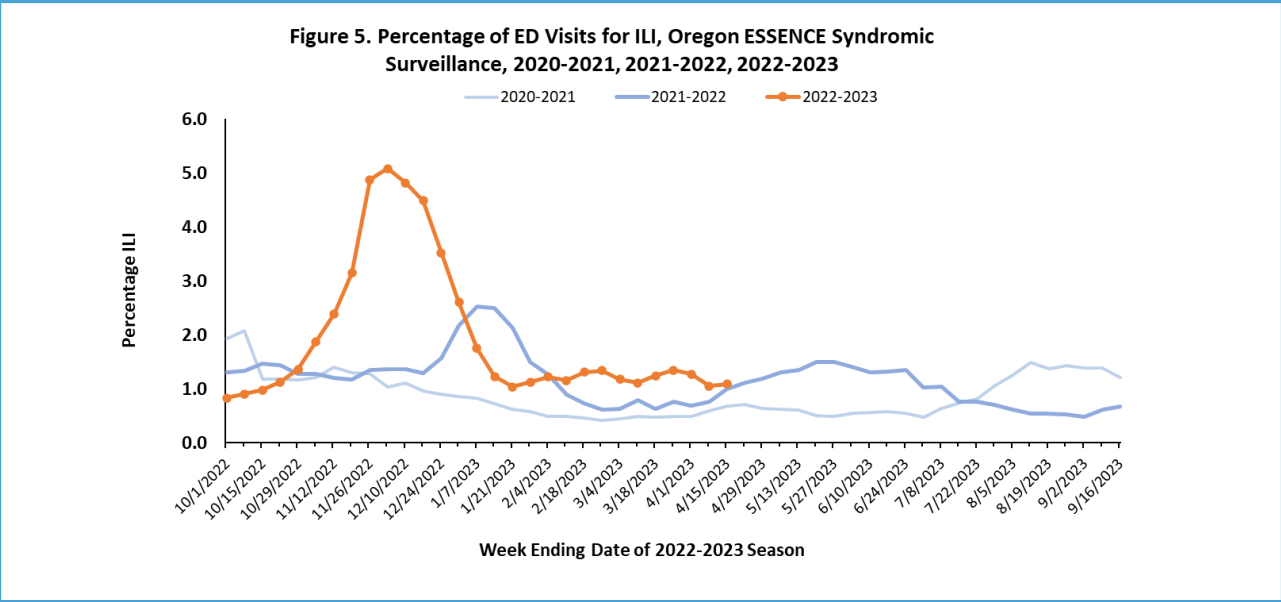
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: 0 influenza outbreaks were reported during week 15. To date during the 2022–2023 season, 146 outbreaks have been reported.



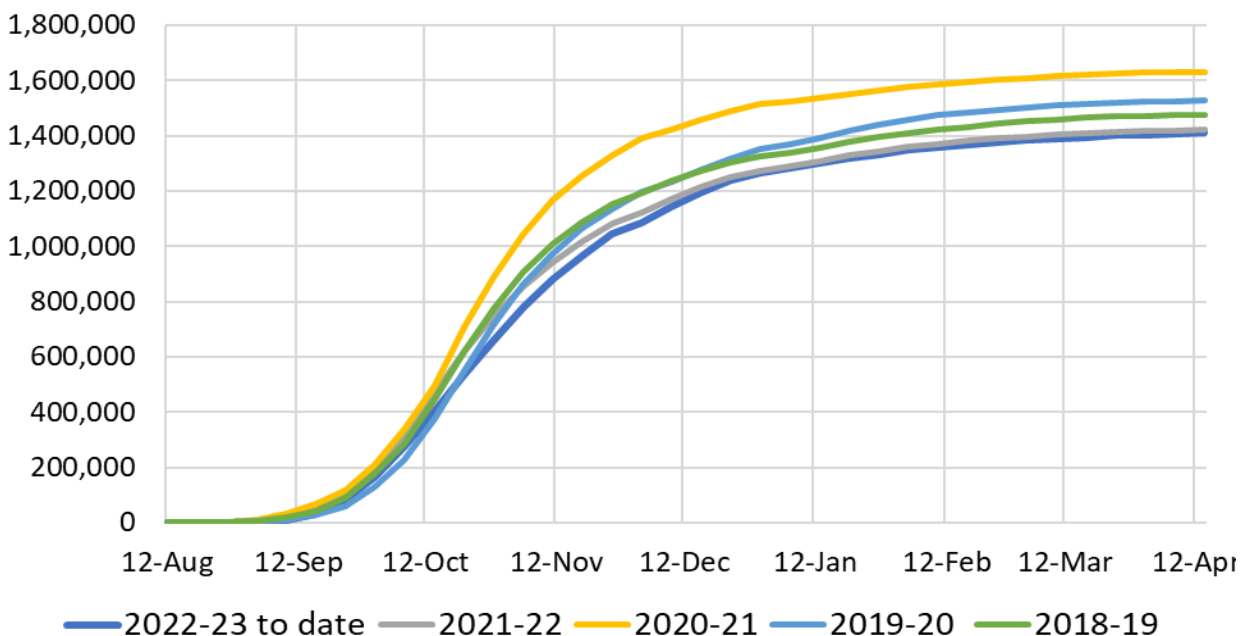
Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 5, 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 1.1% during week 15, 2023.



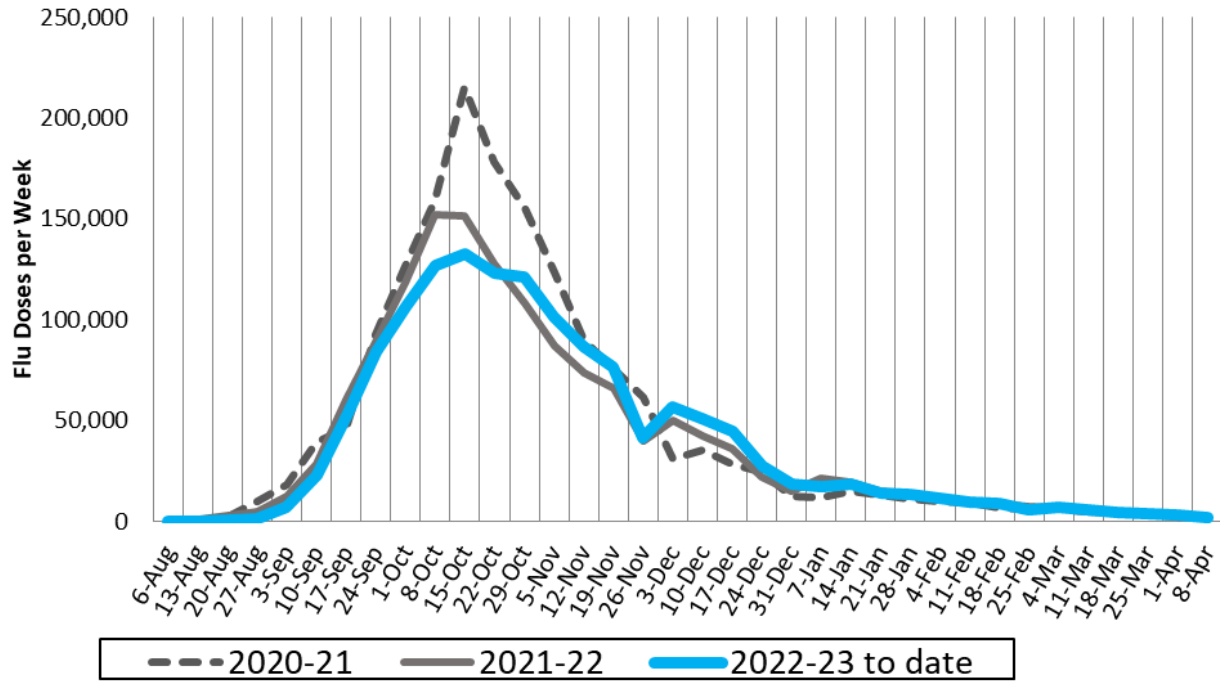
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 15, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunization: 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, ALERT IIS has 1.41 million reported influenza immunizations for Oregon residents, as compared to 1.42 million in 2021-22 at this time, or 1.63 million in 2020-21. OIP also tracks disparities in influenza immunization by race and ethnicity. 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. Results from the 2022-23 season did not change disparities for Latinx, Black, or Native American populations. As a caveat, the ALERT IIS collects most but not all influenza immunizations given in Oregon. The high rates for NHPI populations also reflect undercounts of this population in Oregon by the Census.

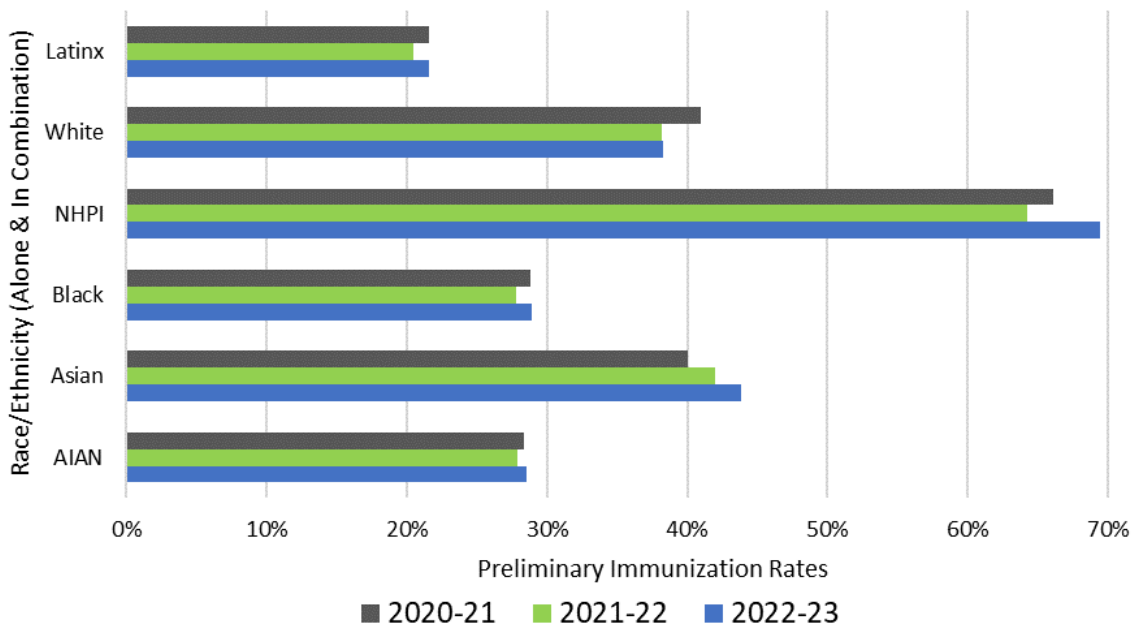
Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



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



Oregon Influenza Immunization Rates by Race/Ethnicity, Estimates as of April 21st, 2023



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 1.0% 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

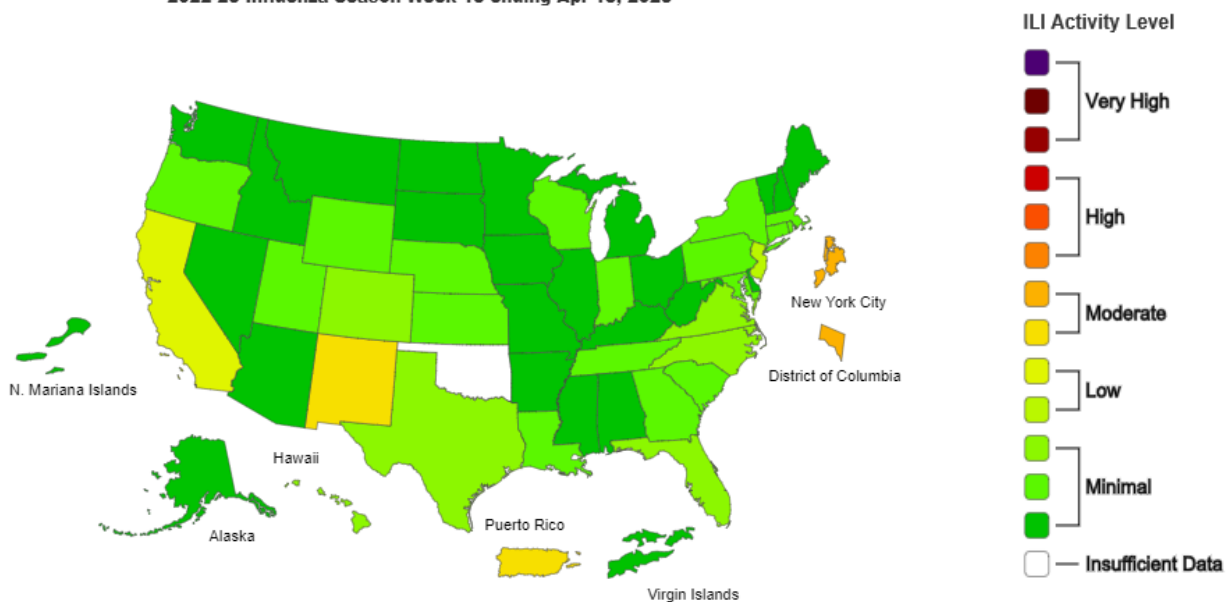
- **ILINet Outpatient Illness:** Nationwide during week, 2.0% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 0 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.4% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 61.5 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,072 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 7.5% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.9% for this week.
- **Pediatric Deaths:** 2 influenza related deaths were reported this week, 143 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

2022-23 Influenza Season Week 15 ending Apr 15, 2023



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>

Oregon Public Health Division

Published April 14th, 2023

Data at a Glance April 2 2023 — April 8 (Week 14)

	Current Week (14)	Previous Week (13)
Percentage positive influenza tests¹	0.2%	0.6%
Portland tri-county influenza-associated hospitalizations²	0	0
Reported influenza outbreaks³	0	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.1%	1.3%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

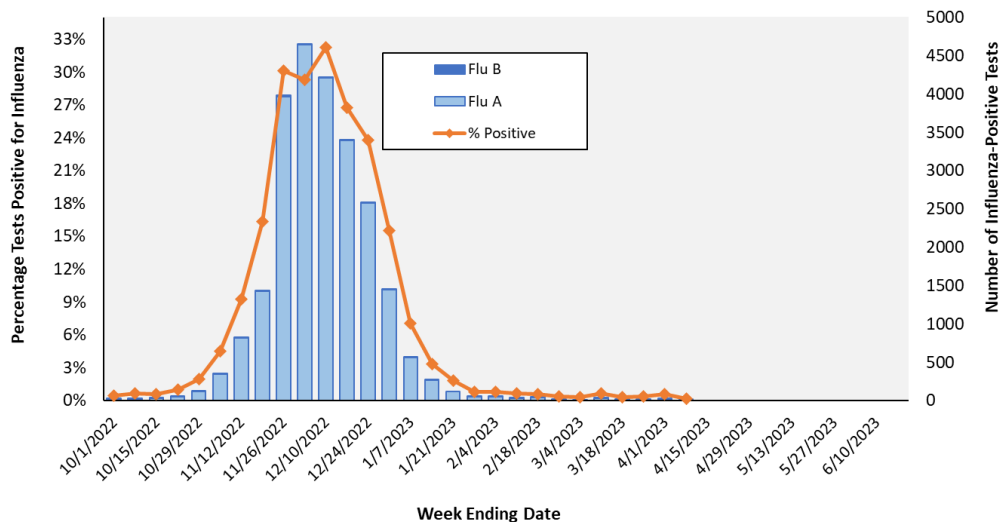
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Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States.

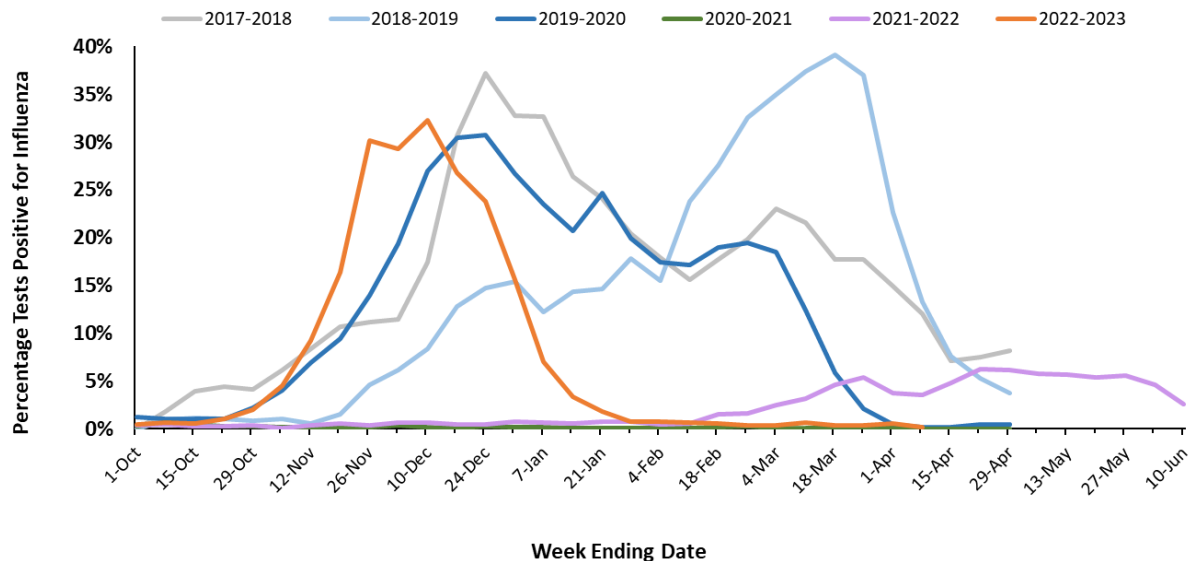
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1722	4	0.2%	4	100.0%	0	0.0%
Southern Oregon	456	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	161	1	0.6%	1	100.0%	0	0.0%
Central Oregon	524	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	460	1	0.2%	0	0.0%	1	100.0%
State Total	3323	6	0.2%	5	83.3%	1	16.7%

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

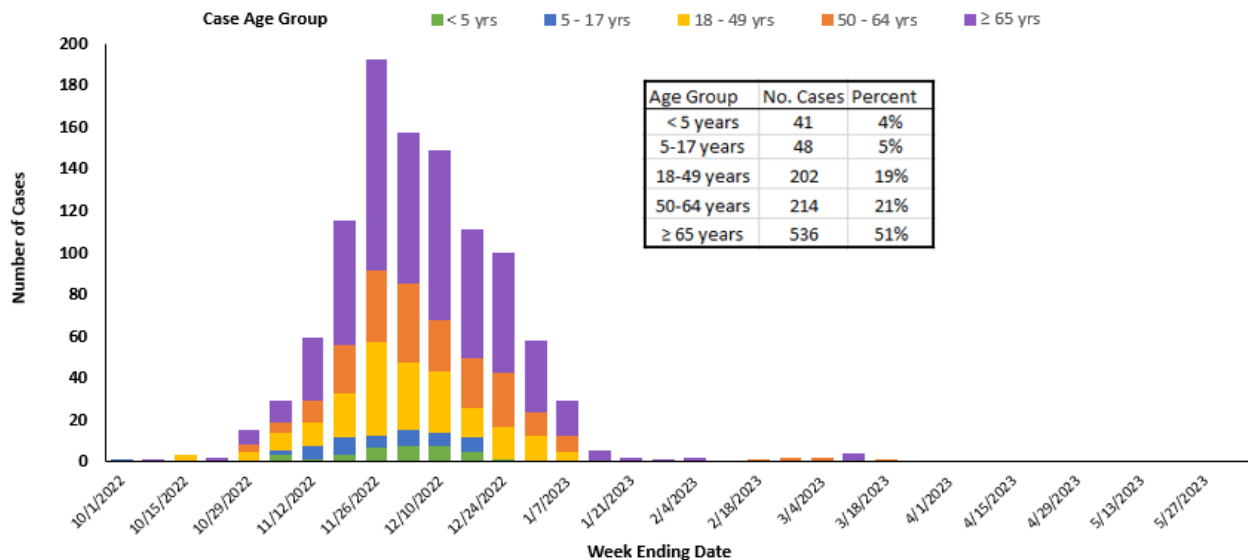


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



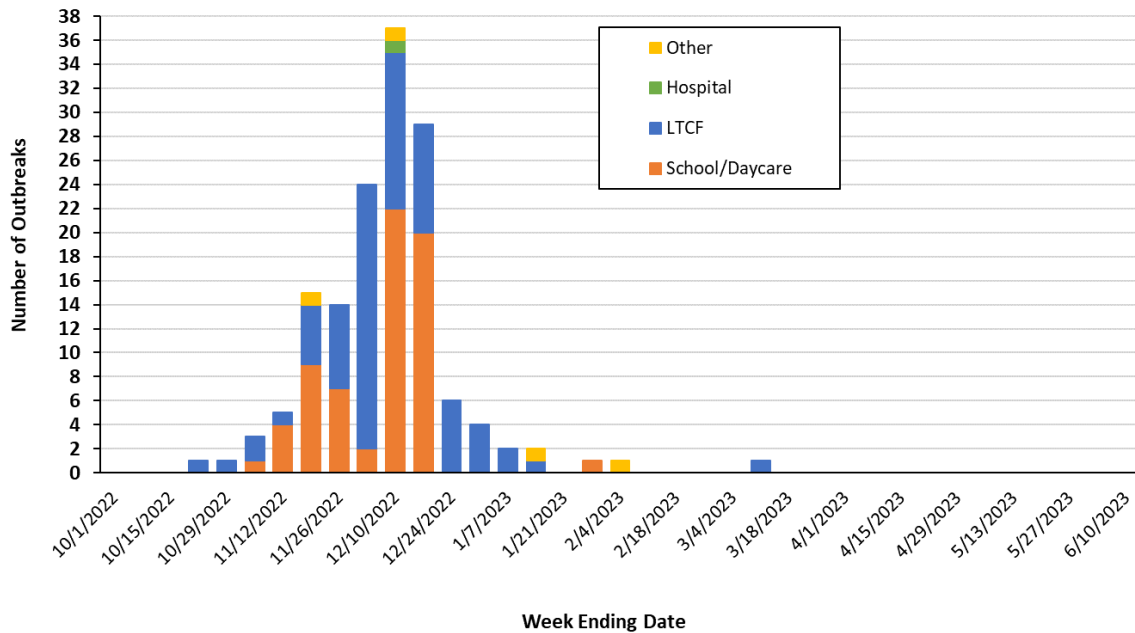
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 14 of 2023. There have been 1041 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.6 per 100,000 people.

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



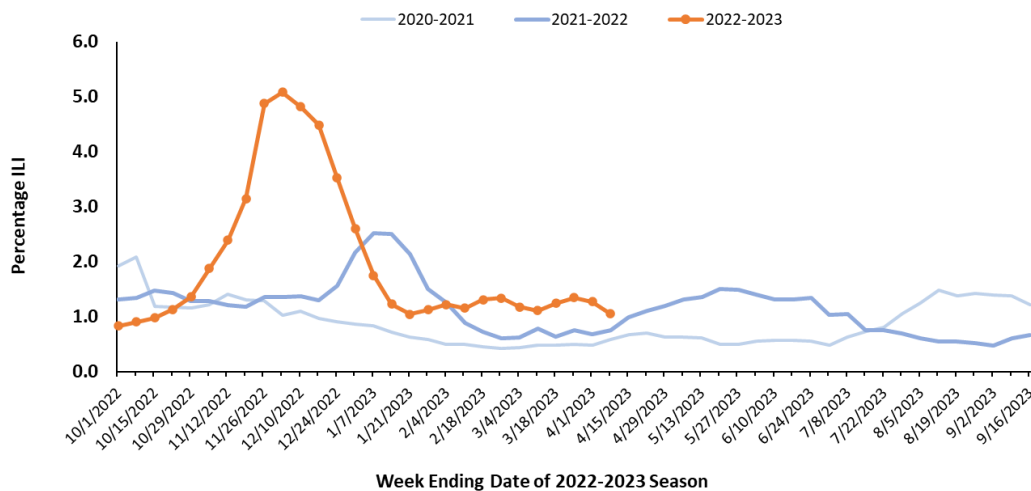
Influenza Outbreaks: 0 influenza outbreaks were reported during week 14. To date during the 2022–2023 season, 146 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.1% during week 14, 2023.

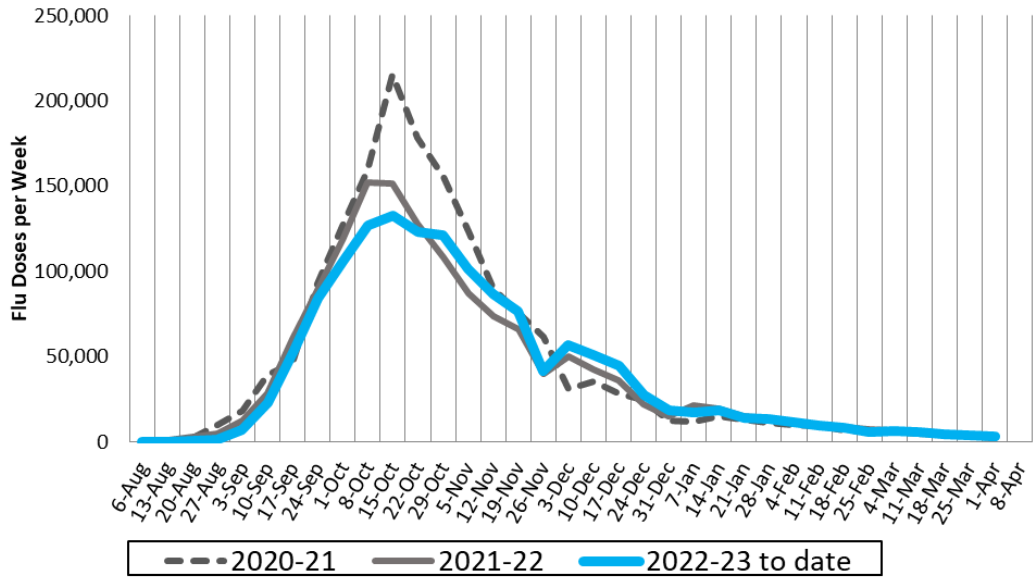
Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



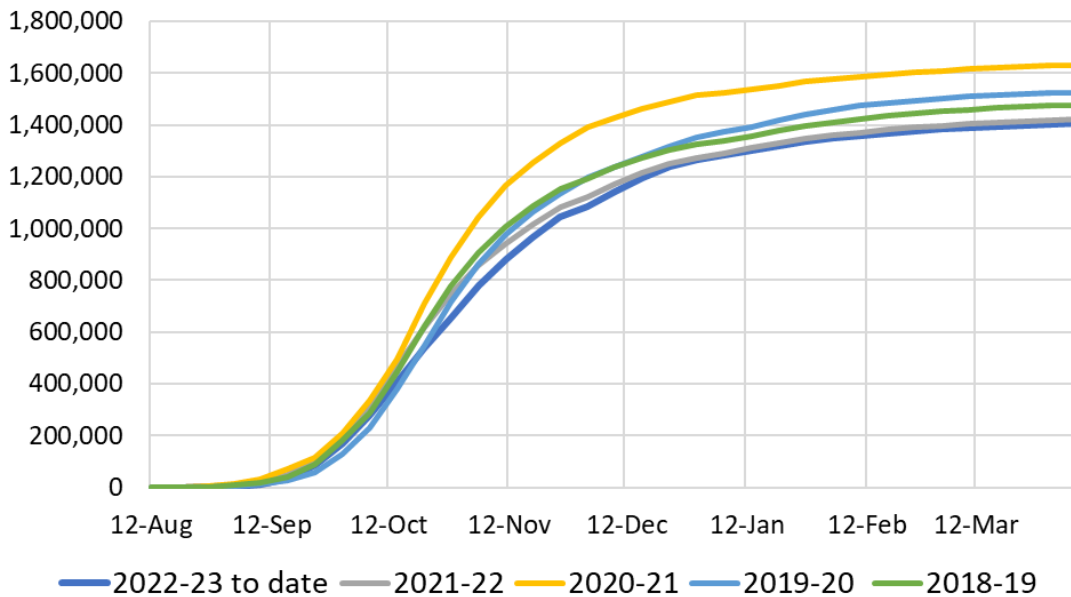
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 14, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Outbreaks: 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, ALERT IIS has 1.41 million reported influenza immunizations for Oregon residents, as compared to 1.42 million in 2021-22 at this time, or 1.63 million in 2020-21. As a summary for the season, 54% of influenza immunizations reported to the ALERT IIS came from private providers, 35% from pharmacies, 2% from local public health agencies, 2% from hospitals, 3% from health plans or billing sources without a provider listed, and the remaining 4% from a mix of sources including Indian Health Services, Department of Corrections, military healthcare sources as the Veteran’s Administration, and nursing homes.

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



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 1.0% 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](#)

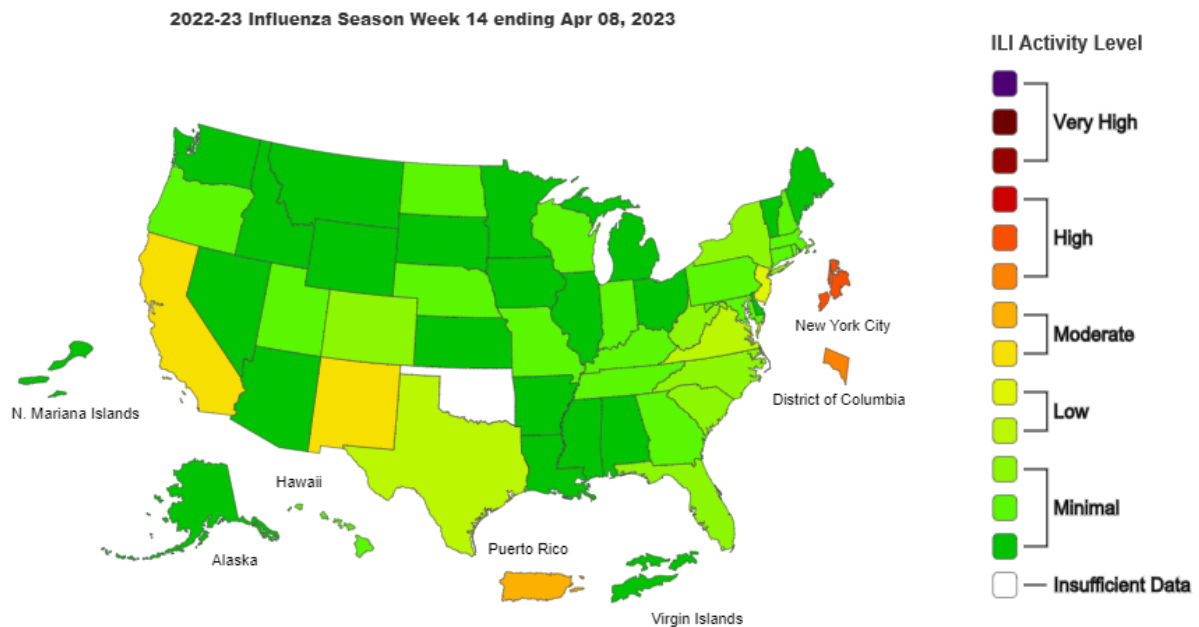
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.1% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 2 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.3% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 61.4 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,199 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 7.6% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.0% for this week.
- **Pediatric Deaths:** 2 influenza related deaths were reported this week, 141 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>

Oregon Public Health Division

Published April 7th, 2023

Data at a Glance March 26, 2023 — April 1 (Week 13)

	Current Week (13)	Previous Week (12)
Percentage positive influenza tests ¹	0.6%	0.4%
Portland tri-county influenza-associated hospitalizations ²	0	1
Reported influenza outbreaks ³	0	0
Influenza-associated pediatric mortality ³	0	0
Percentage of emergency department visits for ILI ⁴	1.3%	1.3%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

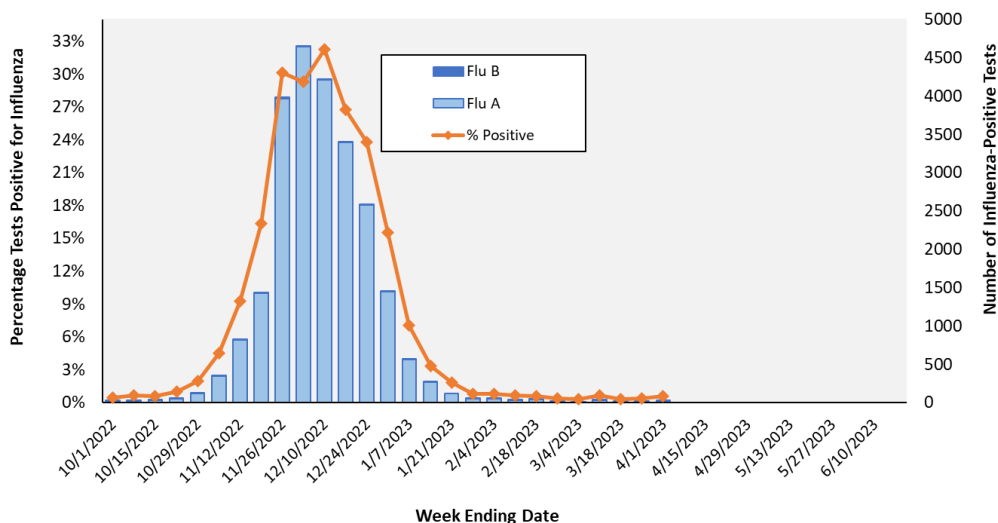
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

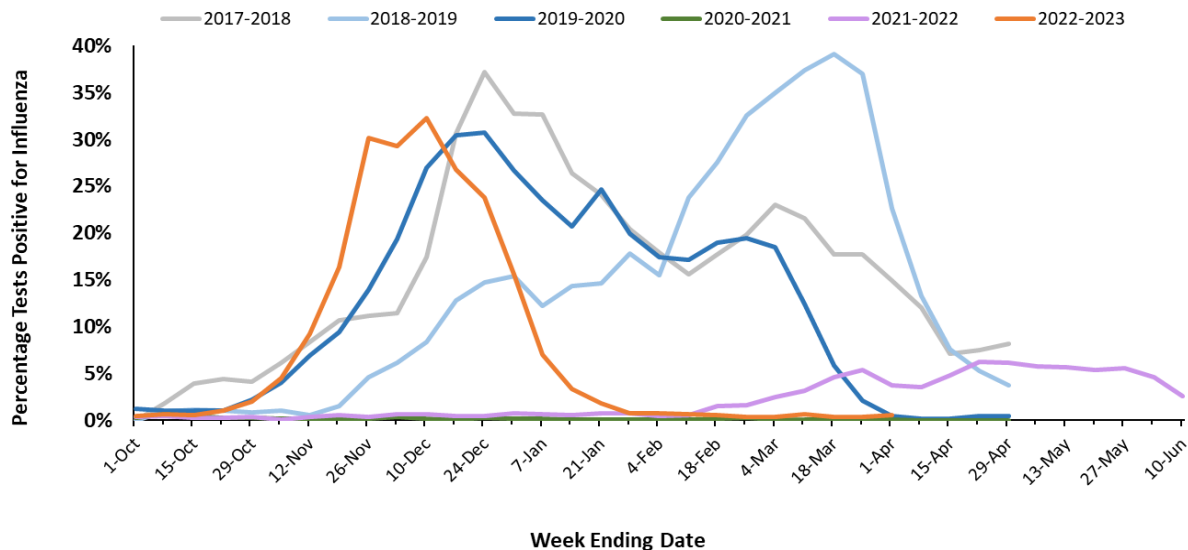
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	No.		Flu A (%)		Flu B (%)	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1367	6	0.4%	4	66.7%	2	33.3%
Southern Oregon	804	12	1.5%	9	75.0%	3	25.0%
Columbia Gorge	236	0	0.0%	0	0.0%	0	0.0%
Central Oregon	511	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	429	2	0.5%	2	100.0%	0	0.0%
State Total	3347	20	0.6%	15	75.0%	5	25.0%

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

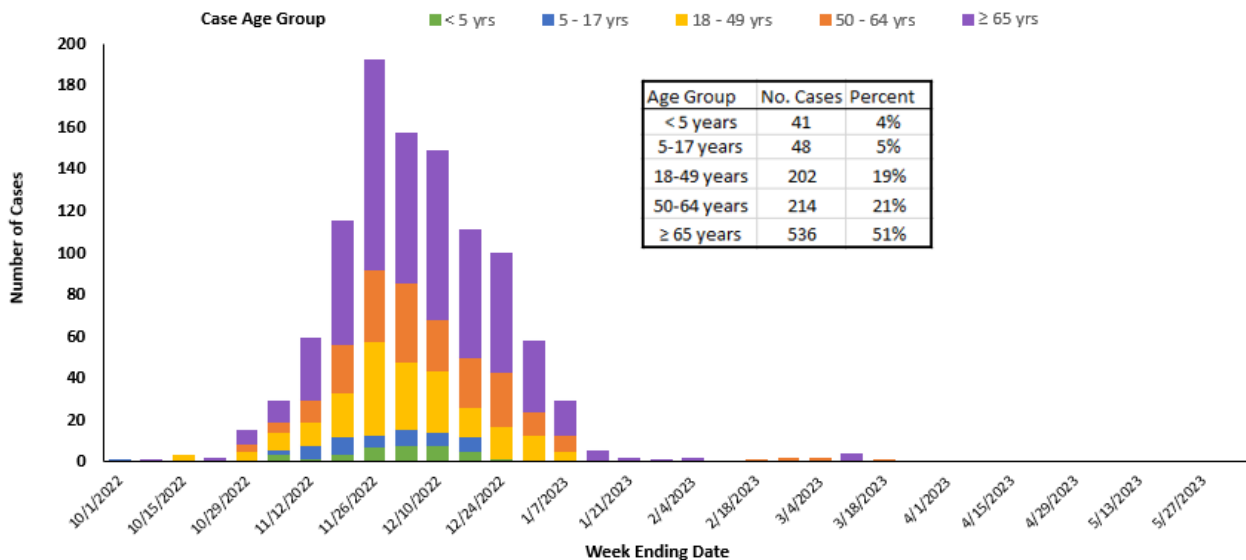


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



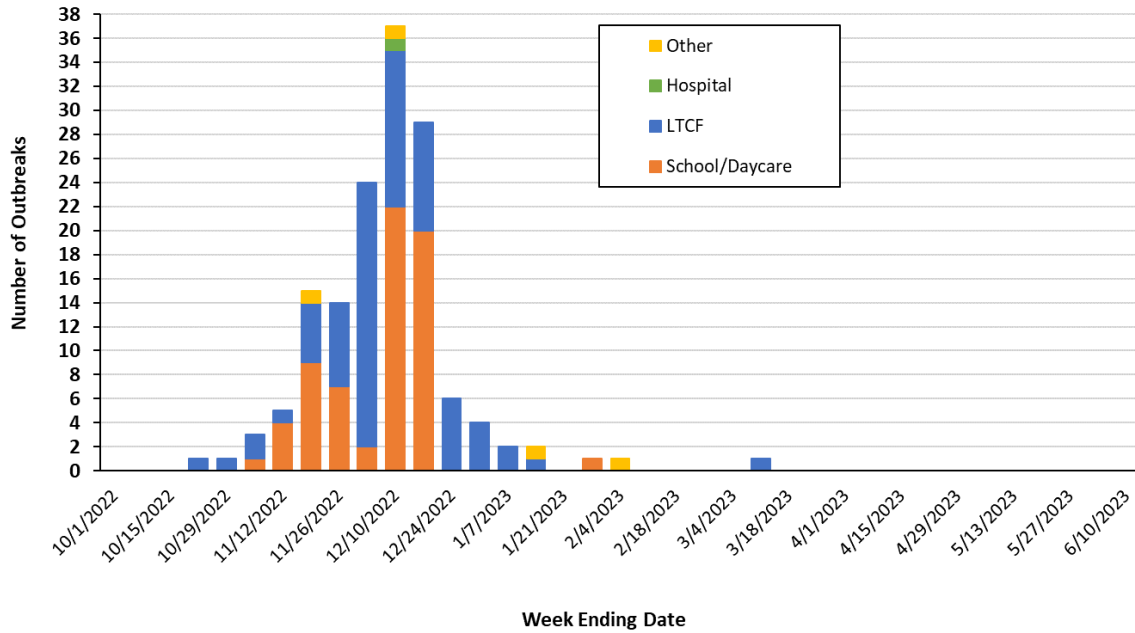
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 13 of 2023. There have been 1041 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.6 per 100,000 people.

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



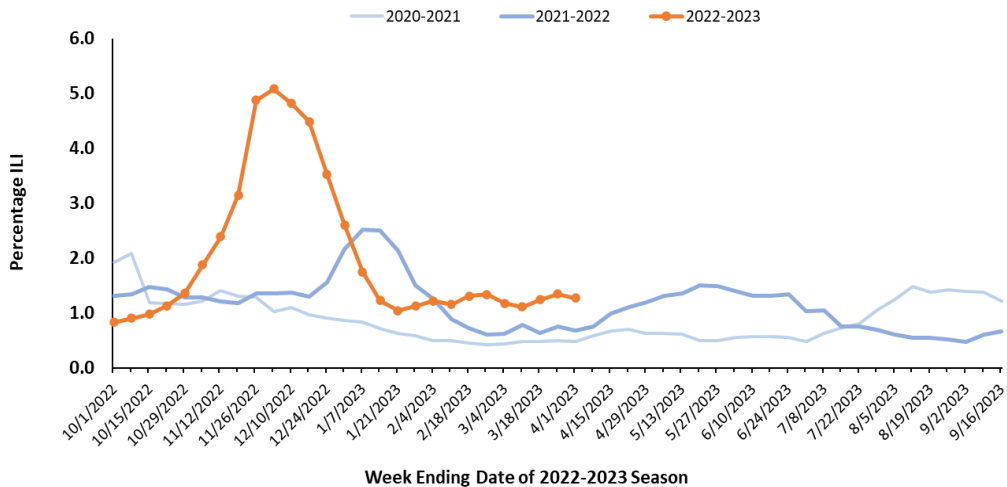
Influenza Outbreaks: 0 influenza outbreaks were reported during week 13. To date during the 2022–2023 season, 146 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.3% during week 13, 2023.

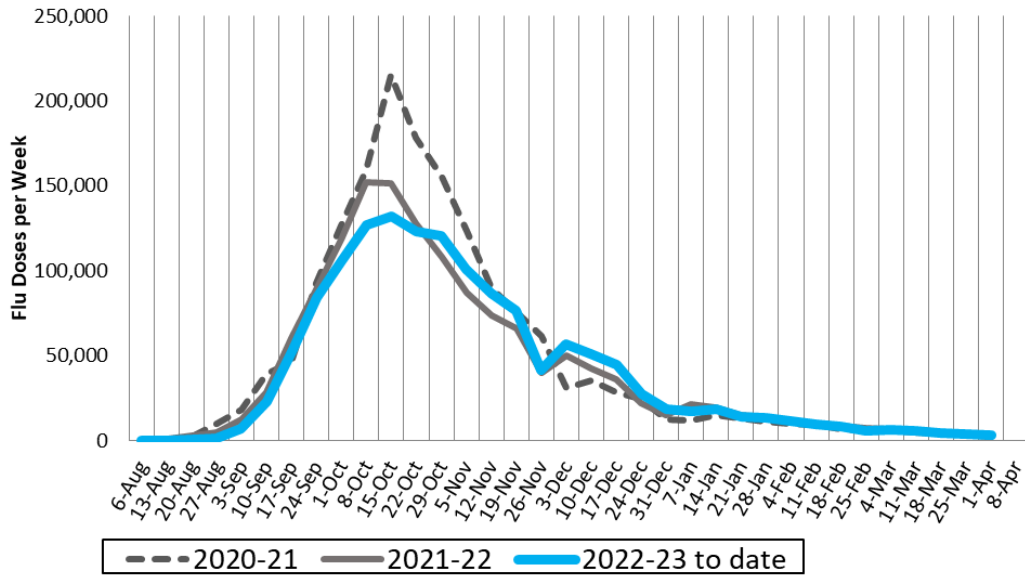
Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



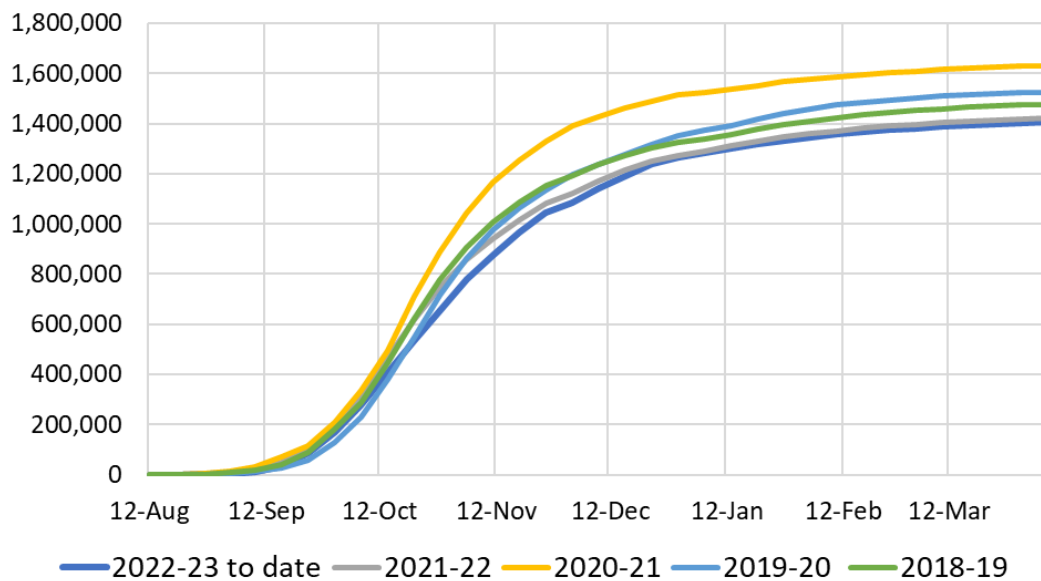
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 13, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Outbreaks: 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, ALERT IIS has 1.41 million reported influenza immunizations for Oregon residents, as compared to 1.42 million in 2021-22 at this time, or 1.63 million in 2020-21. Overall the current 2022-23 season is almost a mirror of the prior 2021-22 season. The largest factor in the decline of the 2022-23 and 2021-22 seasons over previous seasons has been the effect of Fall COVID-19 boosters on influenza immunization seeking- with both due in the same period, many providers do not offer coadministration and many Oregonians if offered still prefer to receive only one shot at a time.

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



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.9% 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](#)

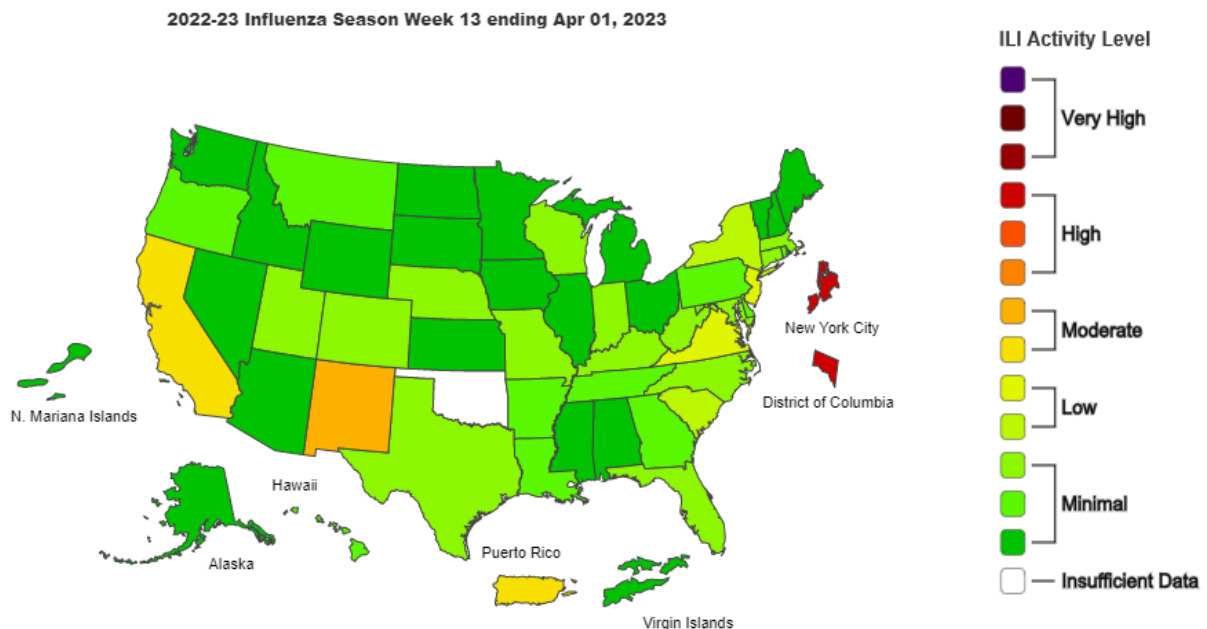
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.3% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 2 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.4% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 61.1 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,230 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 7.9% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.1% for this week.
- **Pediatric Deaths:** 1 influenza related deaths were reported this week, 139 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>

Oregon Public Health Division

Published March 31st, 2023

Data at a Glance March 19, 2023 — March 25 (Week 12)

	Current Week (12)	Previous Week (11)
Percentage positive influenza tests ¹	0.4%	0.3%
Portland tri-county influenza-associated hospitalizations ²	1	4
Reported influenza outbreaks ³	0	0
Influenza-associated pediatric mortality ³	0	0
Percentage of emergency department visits for ILI ⁴	1.3%	1.2%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

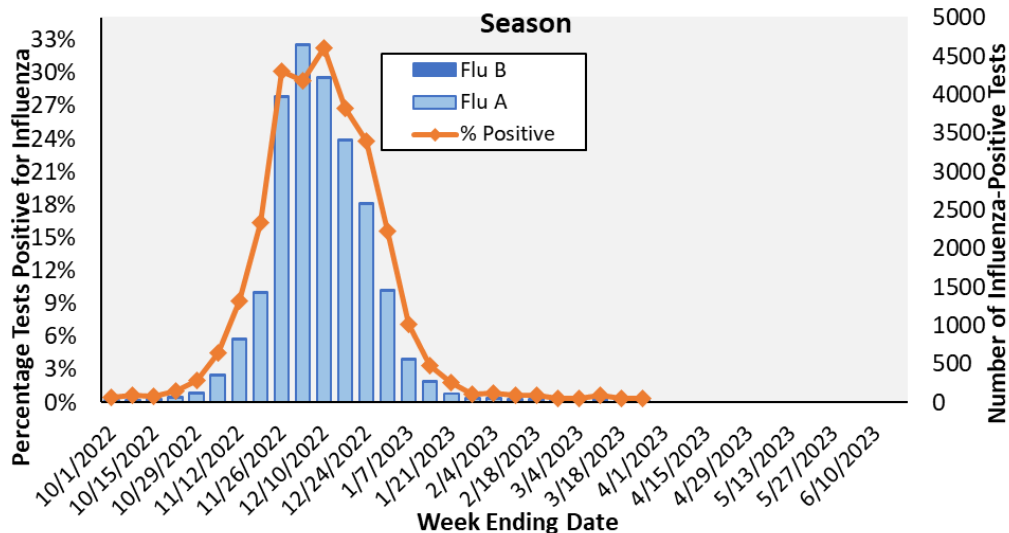
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

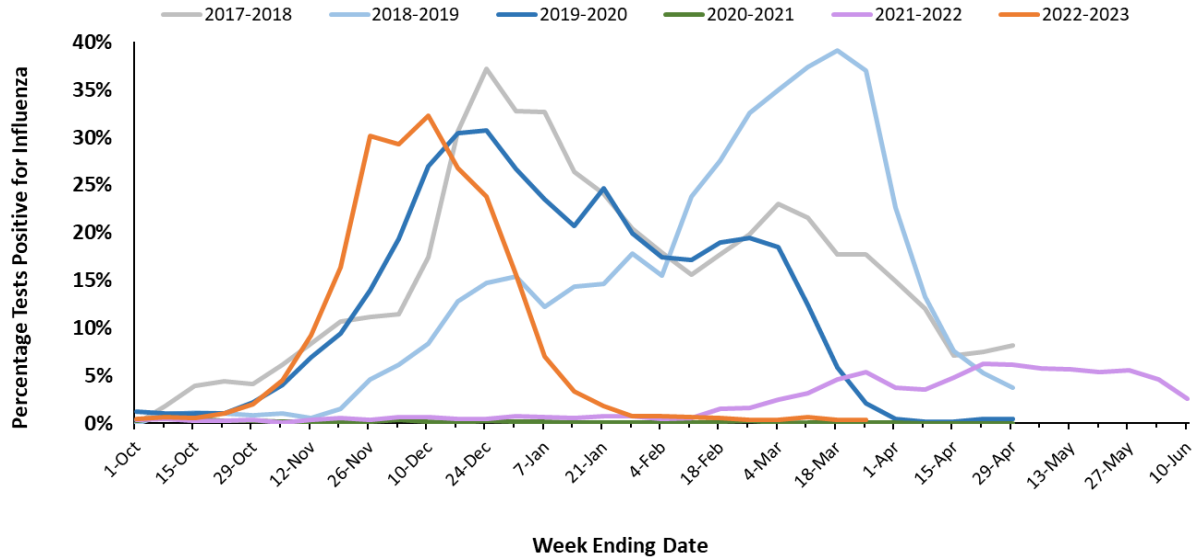
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests			Flu A		Flu B	
	No.	(%)		No.	(%)	No.	(%)
Portland Metro	2668	10	0.4%	8	80.0%	2	20.0%
Southern Oregon	870	1	0.1%	1	100.0%	0	0.0%
Columbia Gorge	91	1	1.1%	1	100.0%	0	0.0%
Central Oregon	678	1	0.1%	1	100.0%	0	0.0%
Willamette Valley	497	4	0.8%	3	75.0%	1	25.0%
State Total	4804	17	0.4%	14	82.4%	3	17.6%

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

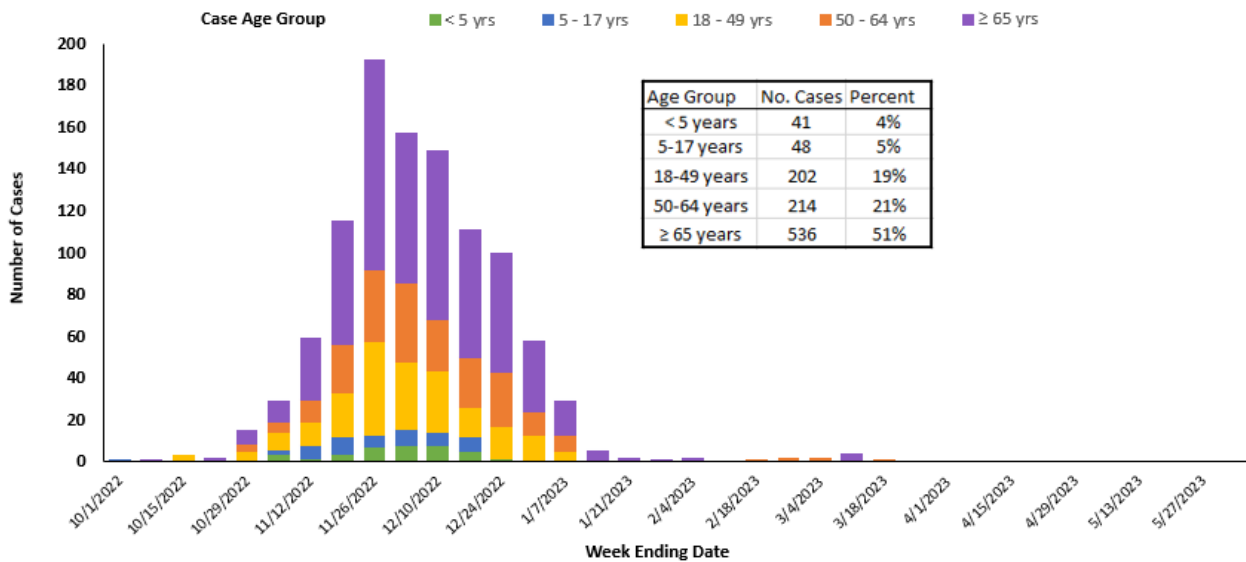


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



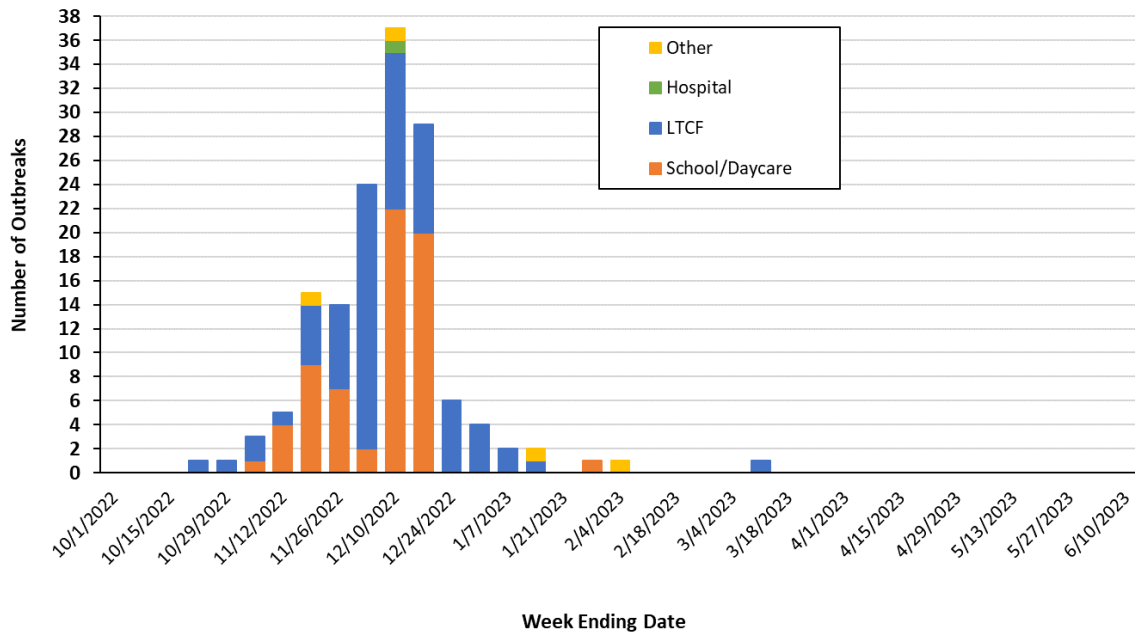
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 3 influenza-associated hospitalization occurred during week 12 of 2023. There have been 1041 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.6 per 100,000 people.

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



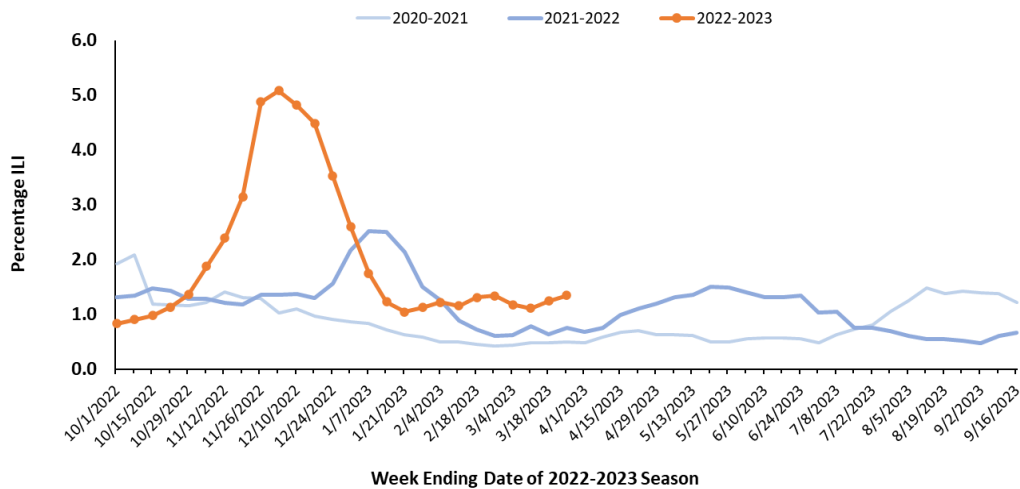
Influenza Outbreaks: 0 influenza outbreaks were reported during week 12. To date during the 2022–2023 season, 146 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.3% during week 12, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 12, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.9% this week.
- **Public Health Labs:** The most frequently reported viruses this week were influenza A (H3N2).
- **Virus Characterization:** Genetic characterization data are now summarized on [CDC FluView](#)

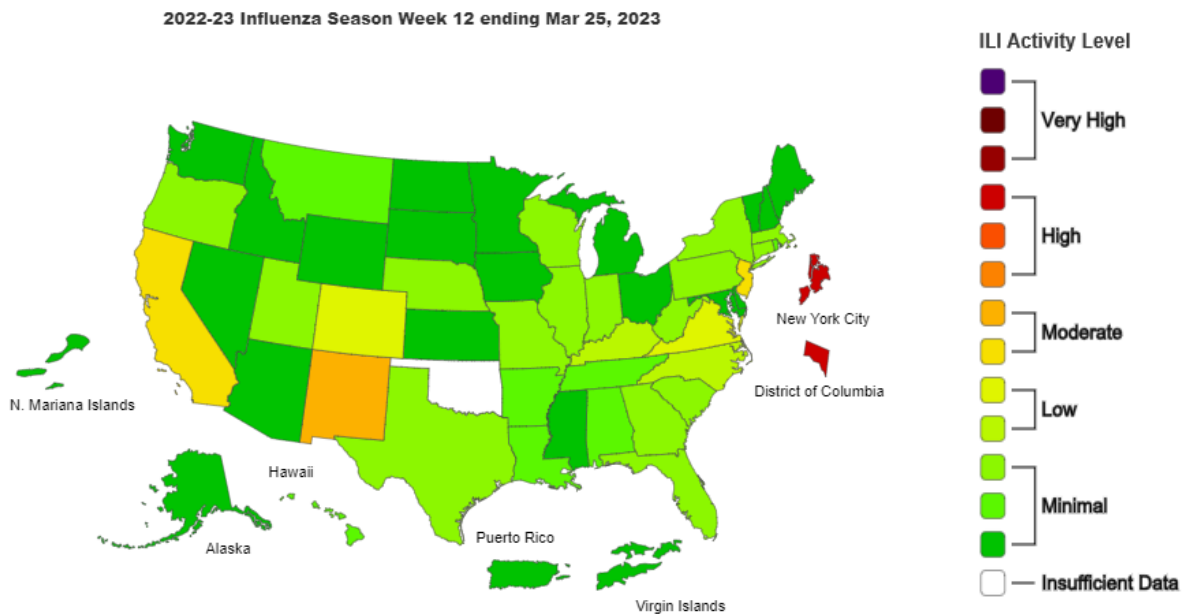
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.3% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 2 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.4% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 60.8 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,222 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 8.3% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.2% for this week.
- **Pediatric Deaths:** 4 influenza related deaths were reported this week, 138 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>

Oregon Public Health Division

Published March 24th, 2023

Data at a Glance March 12, 2023 — March 18 (Week 11)

	Current Week (11)	Previous Week (10)
Percentage positive influenza tests¹	0.3%	0.7%
Portland tri-county influenza-associated hospitalizations²	3	2
Reported influenza outbreaks³	1	1
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.1%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

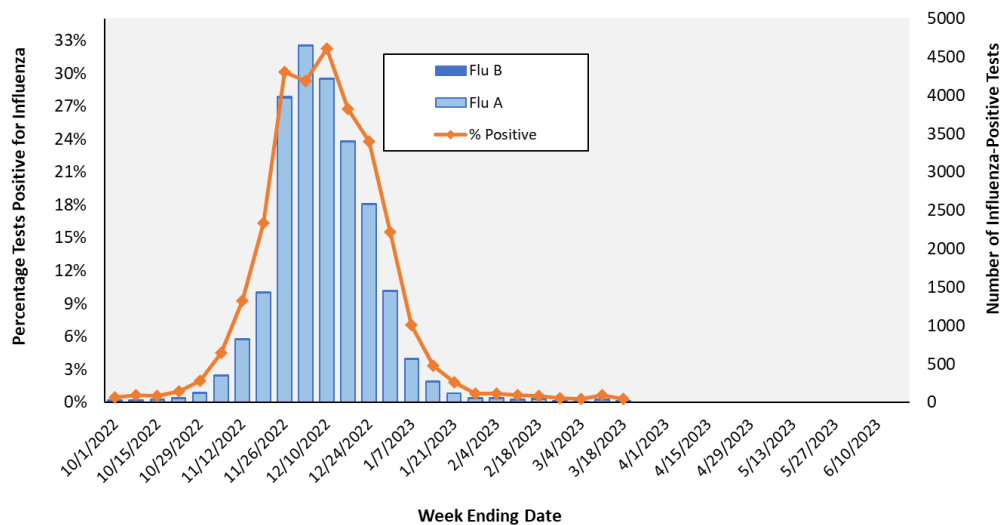
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

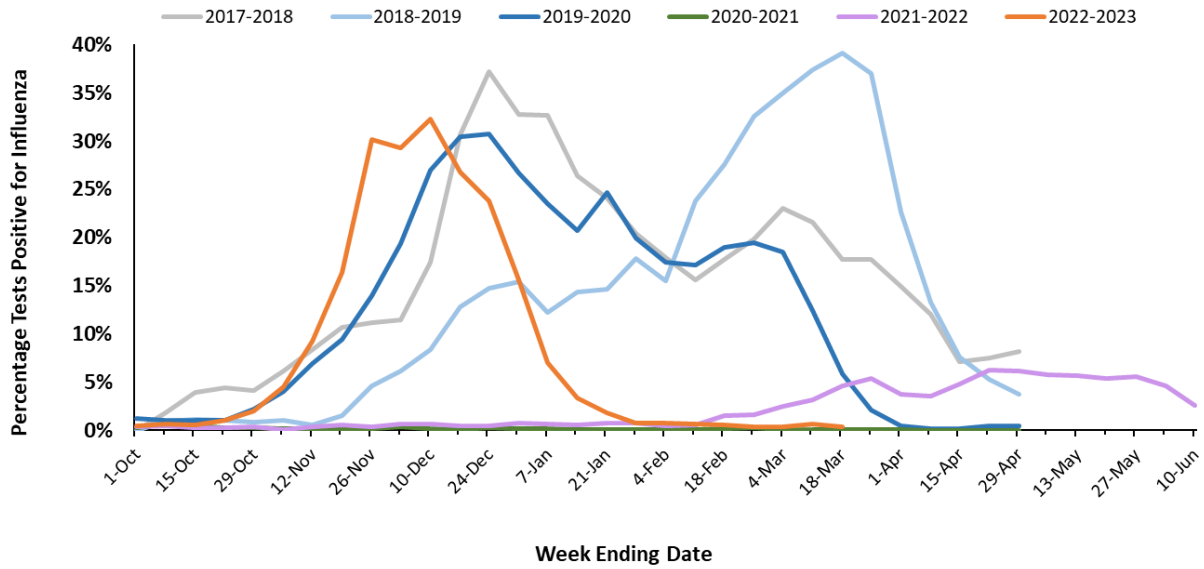
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1512	6	0.4%	6	100.0%	0	0.0%
Southern Oregon	970	1	0.1%	0	0.0%	1	100.0%
Columbia Gorge	274	0	0.0%	0	0.0%	0	0.0%
Central Oregon	689	4	0.6%	3	75.0%	1	25.0%
Willamette Valley	97	0	0.0%	0	0.0%	0	0.0%
State Total	3542	11	0.3%	9	81.8%	2	18.2%

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

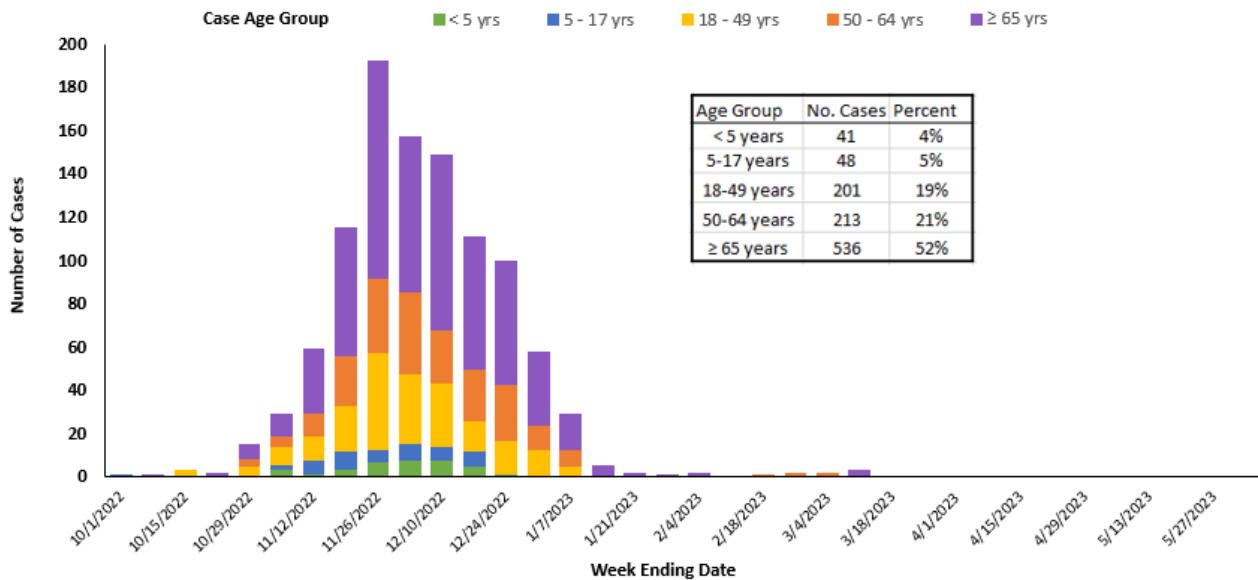


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



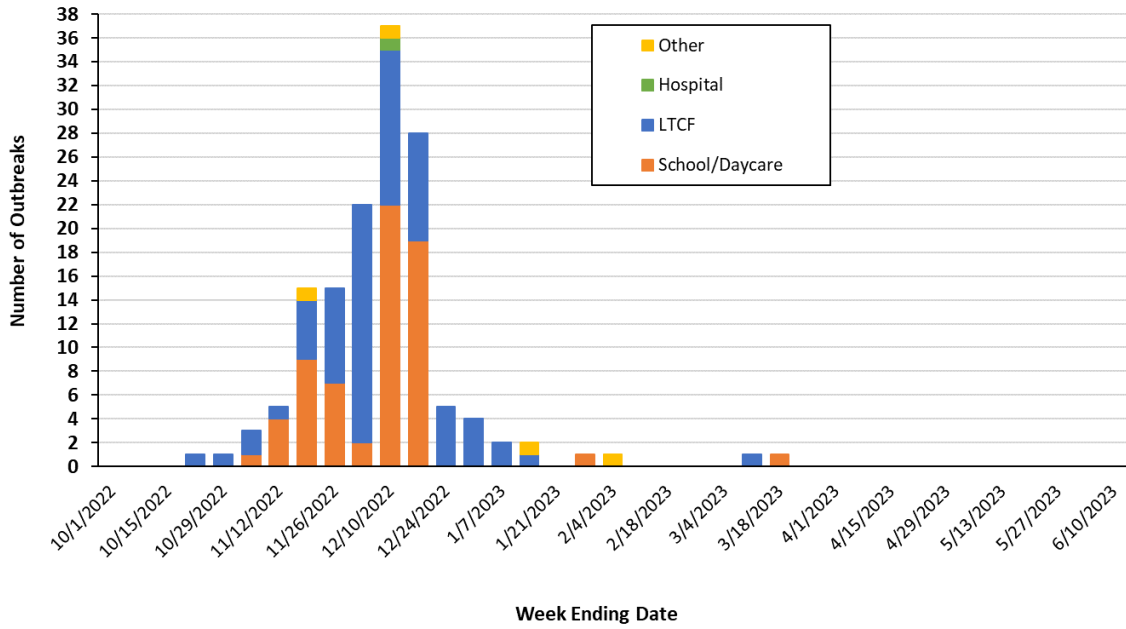
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 3 influenza-associated hospitalization occurred during week 11 of 2023. There have been 1039 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56.3 per 100,000 people.

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



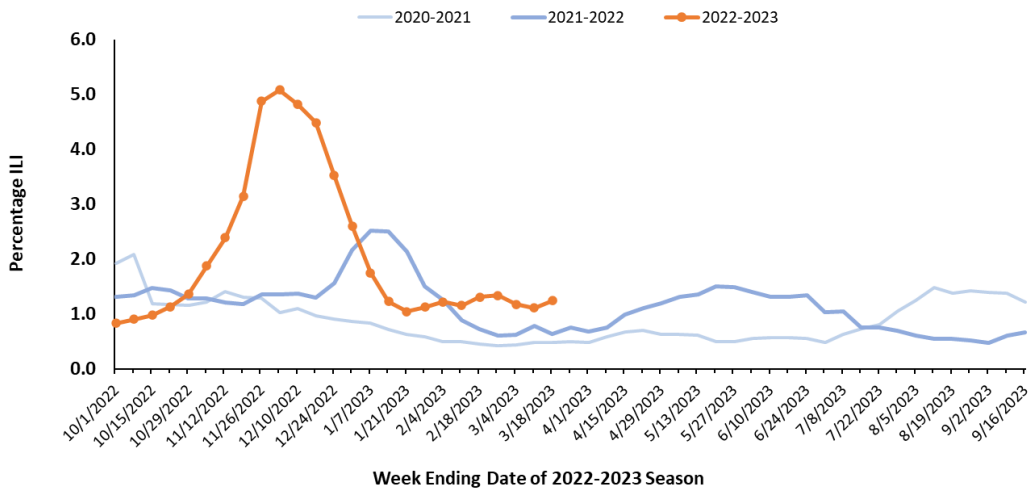
Influenza Outbreaks: 1 influenza outbreak was reported during week 11. To date during the 2022–2023 season, 144 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.2% during week 11, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023

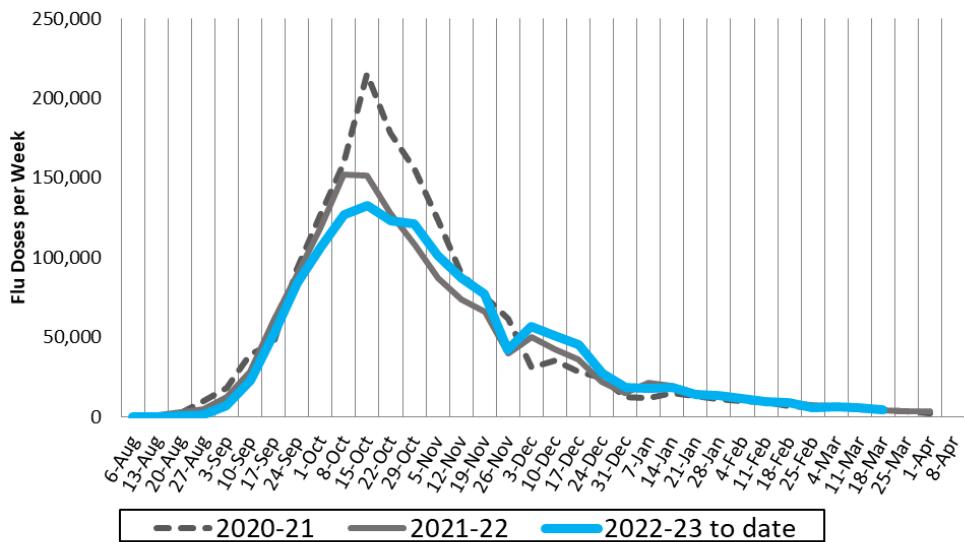


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 11, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

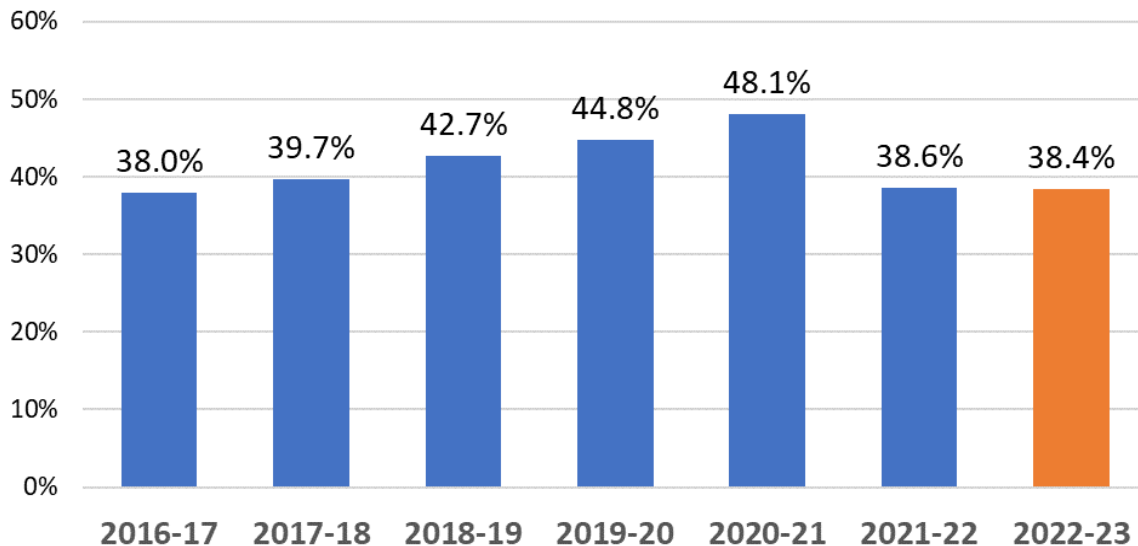
Influenza Outbreaks: The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.40 million reported influenza immunizations for Oregon residents, as compared to 1.41 million in 2021-22 at this time, or 1.65 million in 2020-21. The total number of influenza immunizations reported to the ALERT IIS so far for this season is lower than for the past 4 seasons.

For this week, OIP is including a chart of adult influenza immunization rate estimates for Oregonians across the last 5 seasons. Overall, the current and prior season rates are lower than in the previous seasons. A major factor behind the recent drop in rates is the overlap of influenza and COVID-19 immunization periods in the Fall. Many Oregonians prefer to only receive one immunization at a time and are unlikely to return later to make up a flu shot that was displaced by a COVID-19 shot. As a caveat, the ALERT IIS receives records of most but not all adult influenza immunizations given in Oregon. Not all clinics report adult immunizations to the ALERT IIS, and many adult influenza immunizations given in the workplace also are not reported.

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



Oregon Adult Influenza Immunization Rates by Season, 2016/17 to 2022/23



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.8% 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](#)

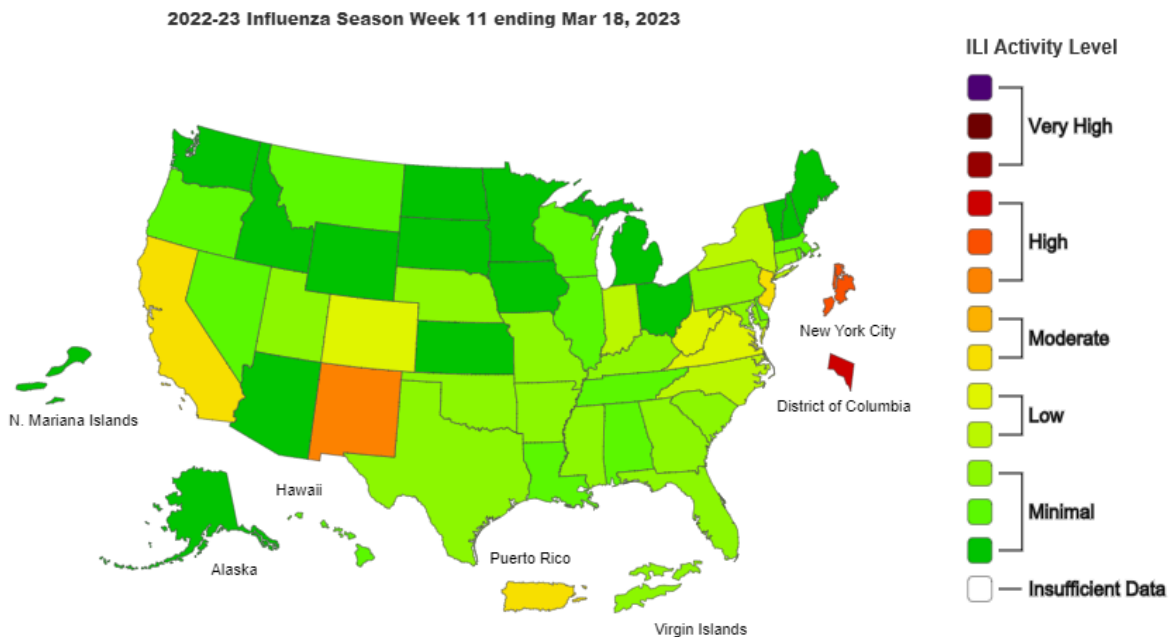
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.4% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 3 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.4% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 60.6 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,382 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 8.7% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.2% for this week.
- **Pediatric Deaths:** 2 influenza related deaths were reported this week, 134 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>

Oregon Public Health Division

Published March 17th, 2023

Data at a Glance March 5, 2023 — March 11 (Week 10)

	Current Week (10)	Previous Week (9)
Percentage positive influenza tests¹	0.7%	0.3%
Portland tri-county influenza-associated hospitalizations^{2*}	1	2
Reported influenza outbreaks³	1	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.2%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

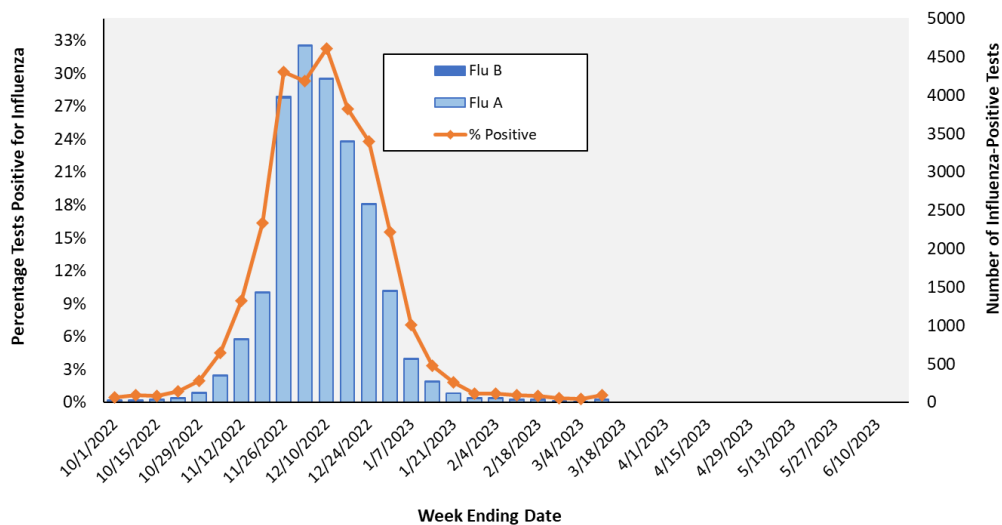
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

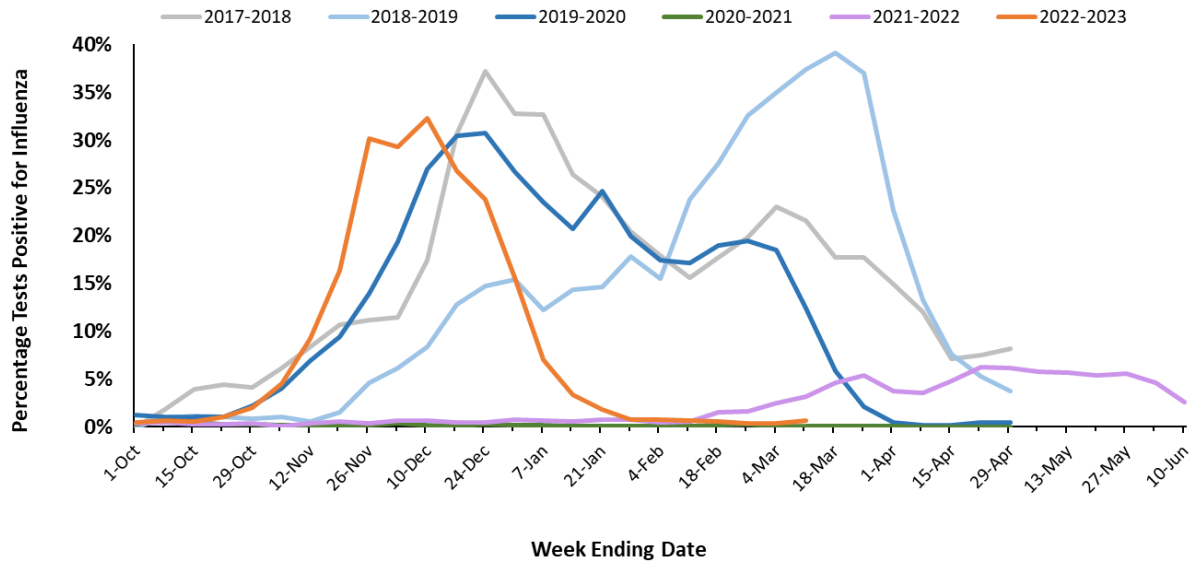
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests			Flu A		Flu B	
	No.	(%)		No.	(%)	No.	(%)
Portland Metro	2211	23	1.0%	21	91.3%	2	8.7%
Southern Oregon	1025	4	0.4%	2	50.0%	2	50.0%
Columbia Gorge	275	3	1.1%	1	33.3%	2	66.7%
Central Oregon	656	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	545	2	0.4%	2	100.0%	0	0.0%
State Total	4712	32	0.7%	26	81.3%	6	18.8%

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

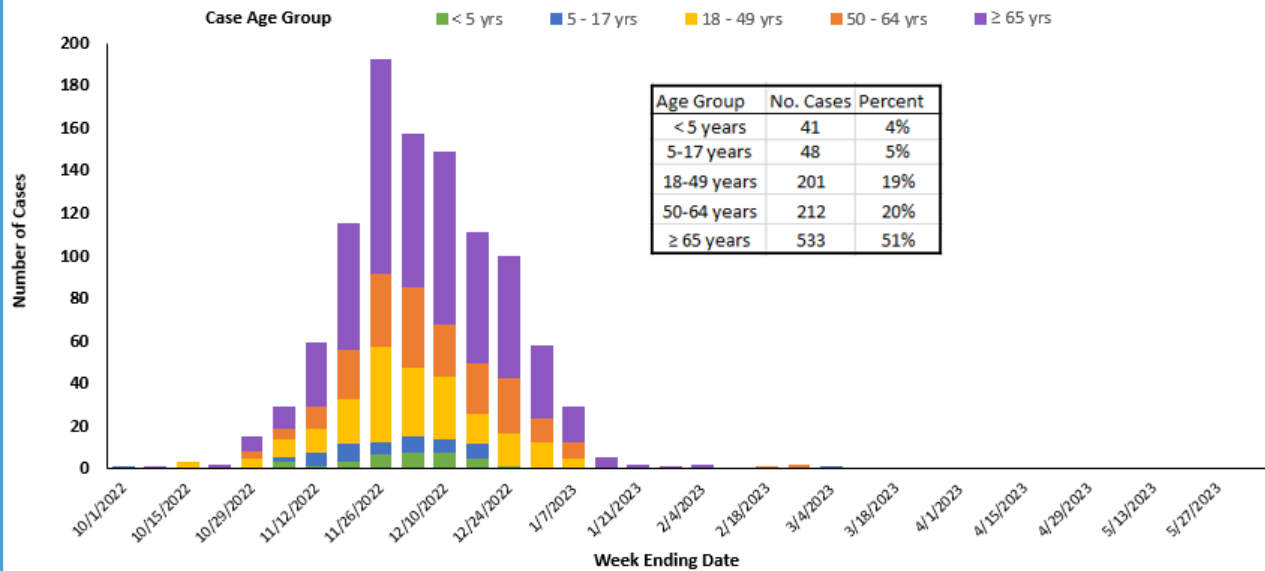


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



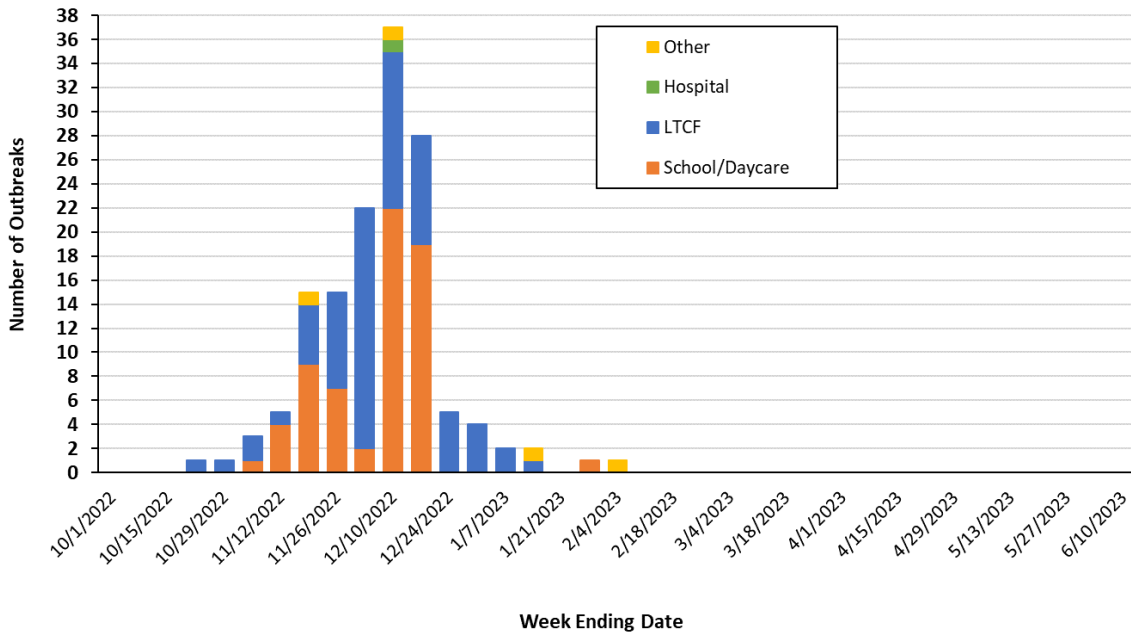
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 influenza-associated hospitalization occurred during week 10 of 2023. There have been 1035 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 55.4 per 100,000 people.

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



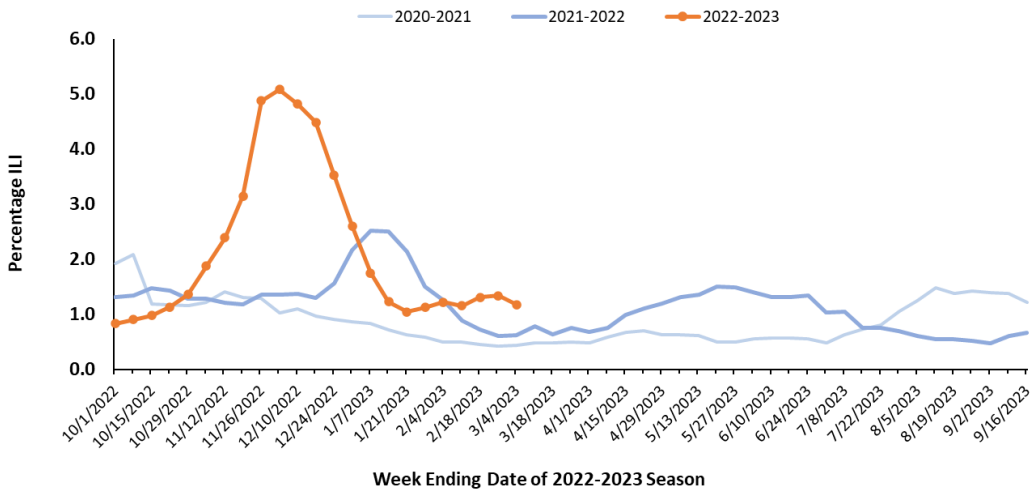
Influenza Outbreaks: 1 influenza outbreaks was reported during week 10. To date during the 2022–2023 season, 143 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.1% during week 10, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 10, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.9% 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](#)

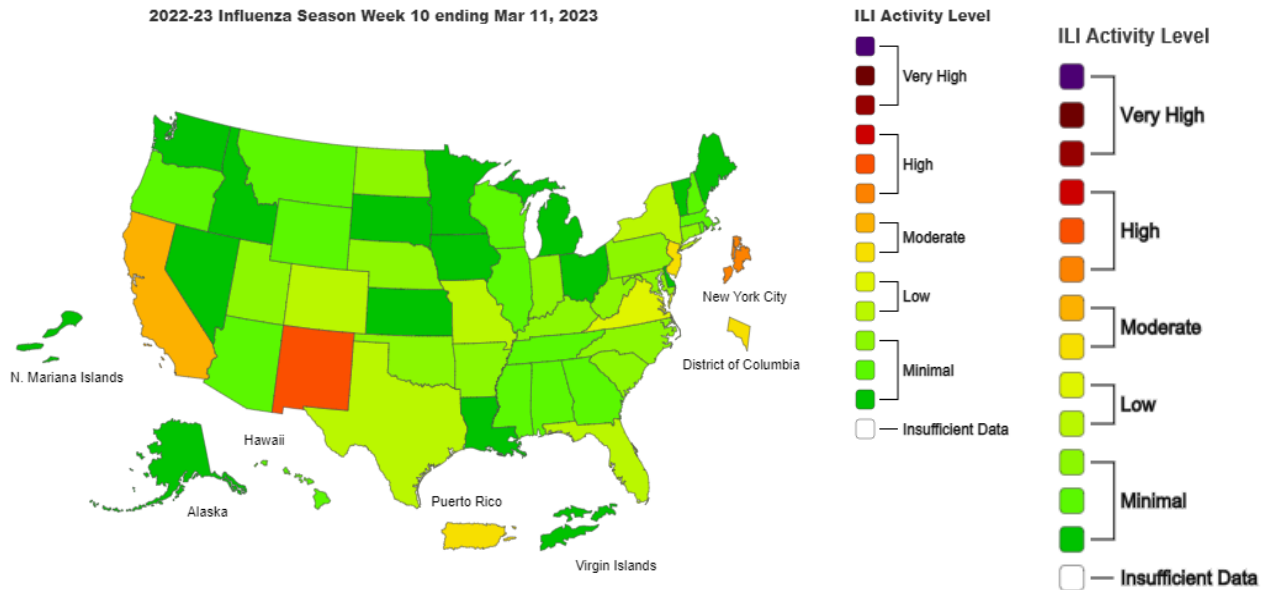
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.4% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 2 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 60.4 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,387 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 8.6% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.3% for this week.
- **Pediatric Deaths:** 7 influenza related deaths were reported this week, 132 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>

Oregon Public Health Division

Published March 17th, 2023

Data at a Glance March 5, 2023 — March 11 (Week 10)

	Current Week (10)	Previous Week (9)
Percentage positive influenza tests¹	0.3%	0.3%
Portland tri-county influenza-associated hospitalizations^{2*}	1	2
Reported influenza outbreaks³	1	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.2%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

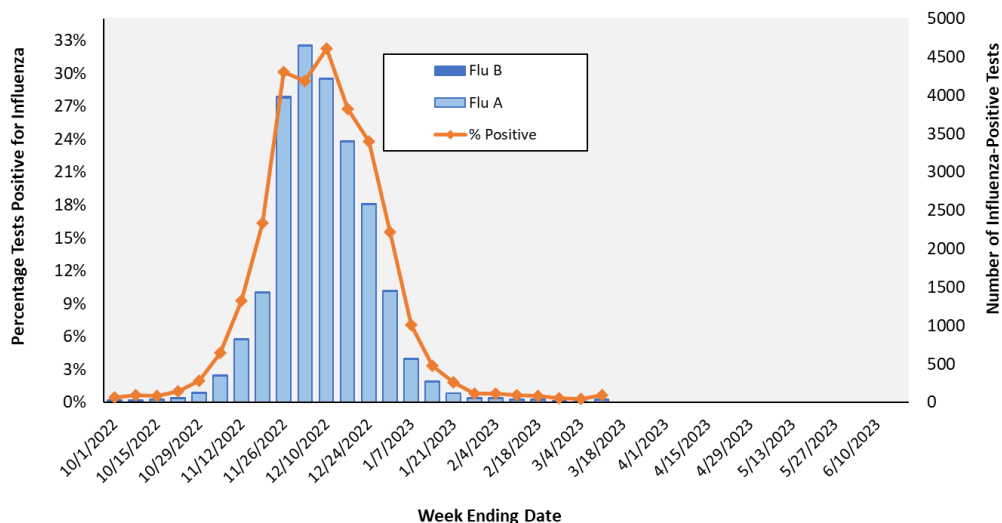
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

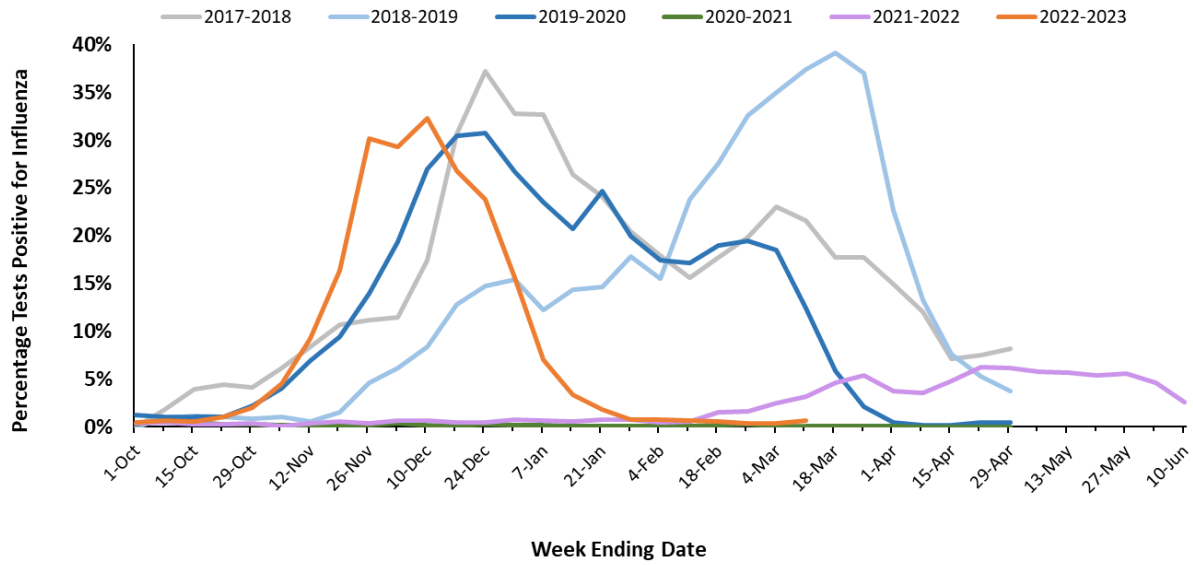
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests			Flu A		Flu B	
	No.	(%)		No.	(%)	No.	(%)
Portland Metro	2211	23	1.0%	21	91.3%	2	8.7%
Southern Oregon	1025	4	0.4%	2	50.0%	2	50.0%
Columbia Gorge	275	3	1.1%	1	33.3%	2	66.7%
Central Oregon	656	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	545	2	0.4%	2	100.0%	0	0.0%
State Total	4712	32	0.7%	26	81.3%	6	18.8%

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

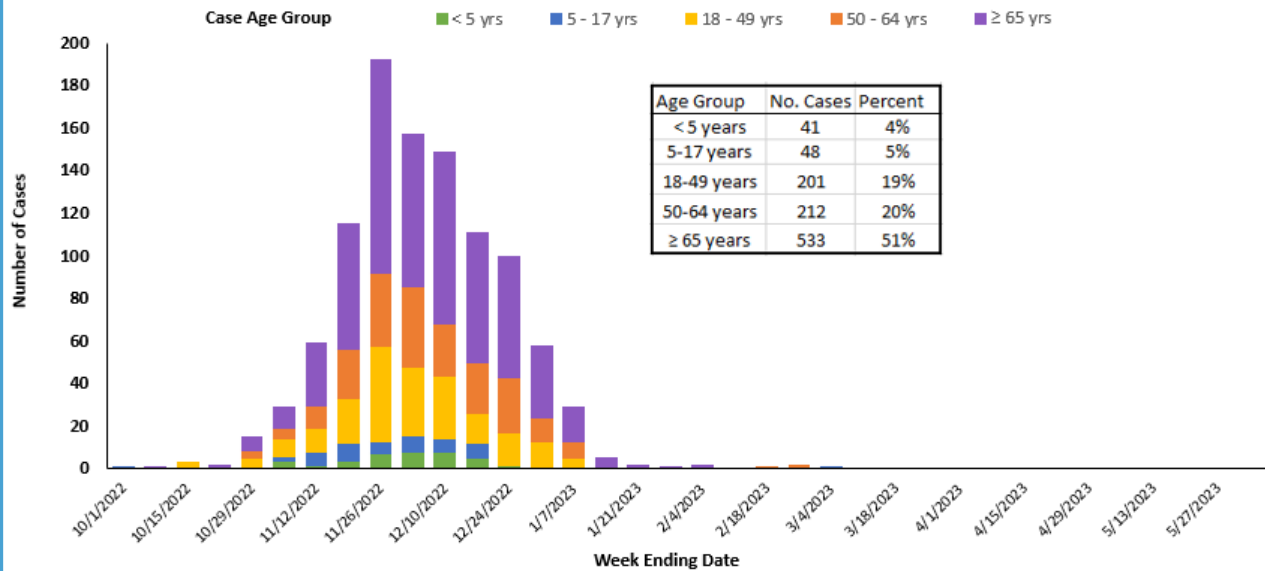


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



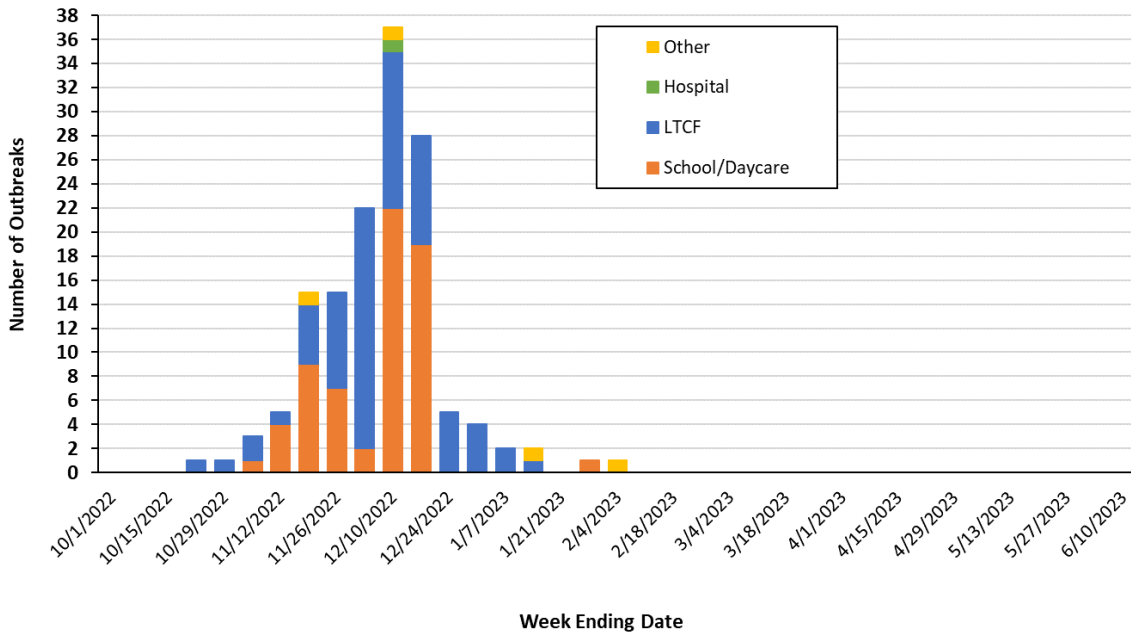
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 influenza-associated hospitalization occurred during week 10 of 2023. There have been 1035 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 55.4 per 100,000 people.

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



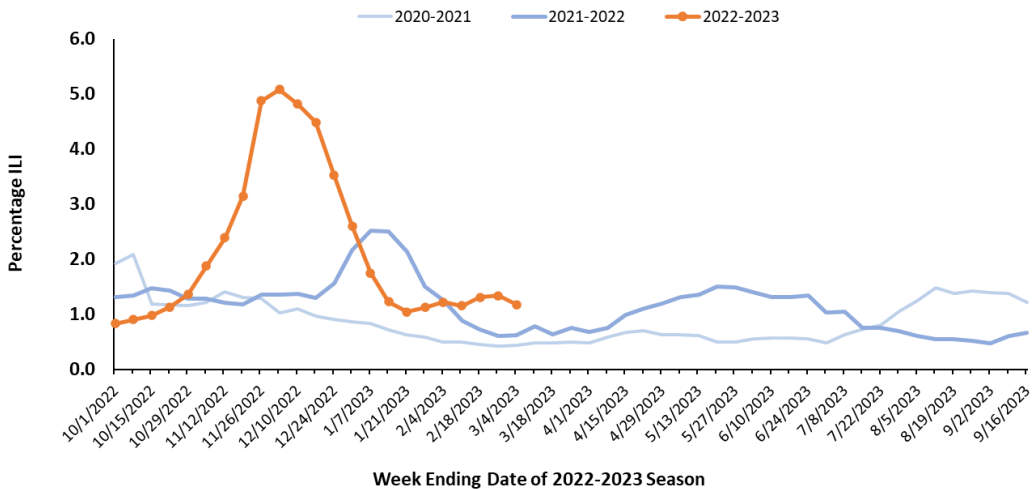
Influenza Outbreaks: 1 influenza outbreaks was reported during week 10. To date during the 2022–2023 season, 143 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.1% during week 10, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 10, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.9% 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](#)

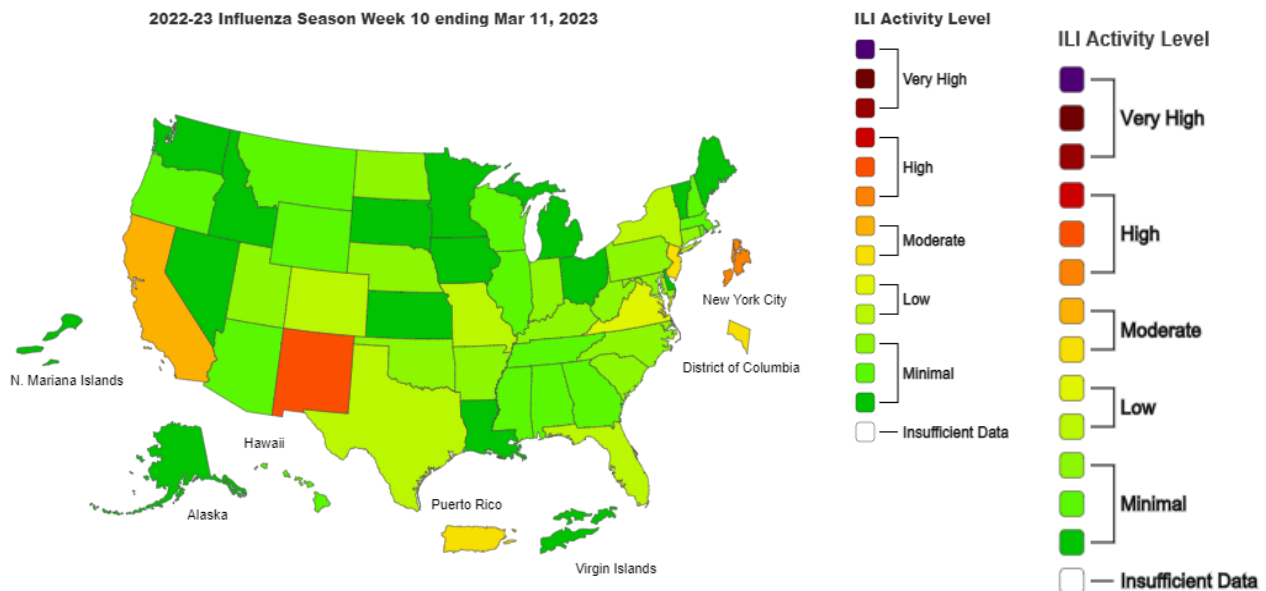
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.4% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 2 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 60.4 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,387 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 8.6% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.3% for this week.
- **Pediatric Deaths:** 7 influenza related deaths were reported this week, 132 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>

Oregon Public Health Division

Published March 10th, 2023

Data at a Glance February 26, 2023—March 4, 2023 (Week 9)

	Current Week (9)	Previous Week (8)
Percentage positive influenza tests¹	0.3%	0.4%
Portland tri-county influenza-associated hospitalizations^{2*}	0	1
Reported influenza outbreaks³	0	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.3%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

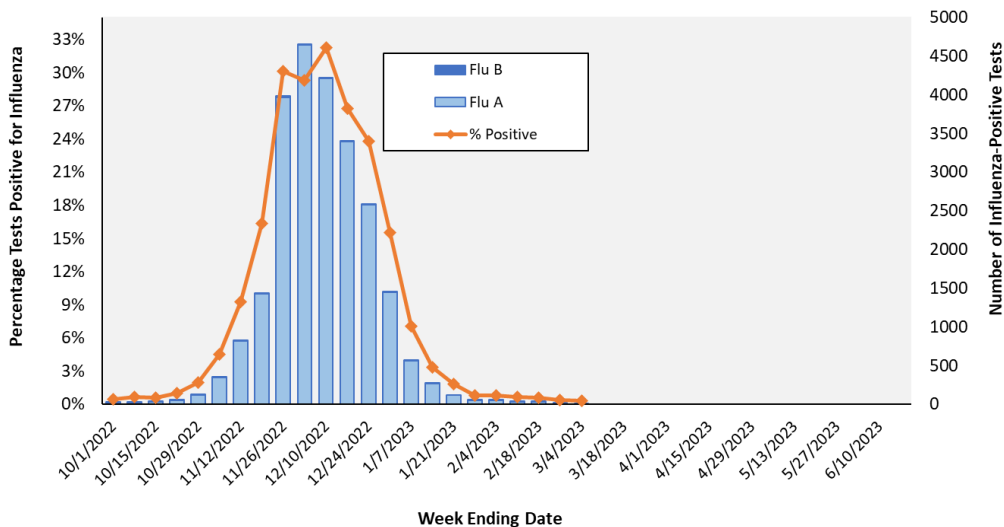
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

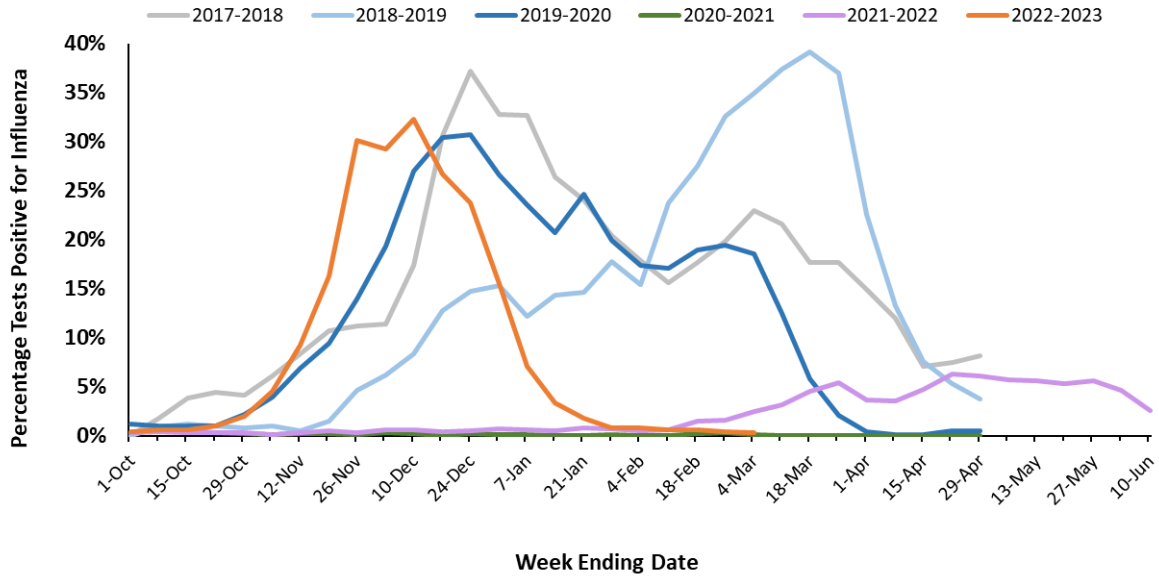
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1439	8	0.6%	8	100.0%	0	0.0%
Southern Oregon	591	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	272	1	0.4%	1	100.0%	0	0.0%
Central Oregon	670	1	0.1%	1	100.0%	0	0.0%
Willamette Valley	637	2	0.3%	2	100.0%	0	0.0%
State Total	3609	12	0.3%	12	100.0%	0	0.0%

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

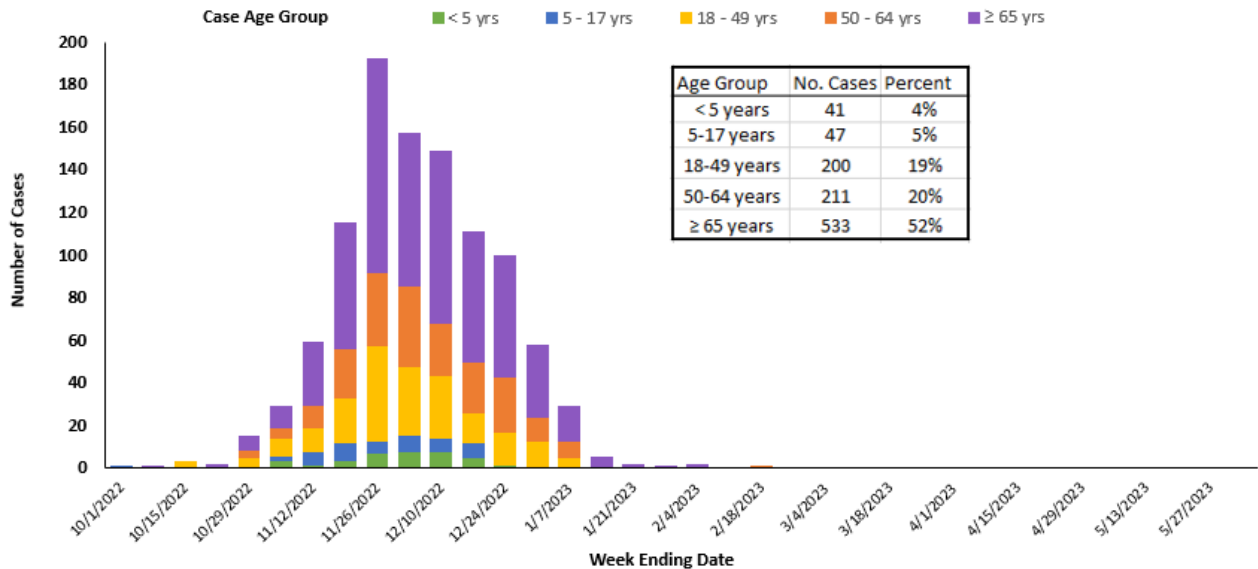


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



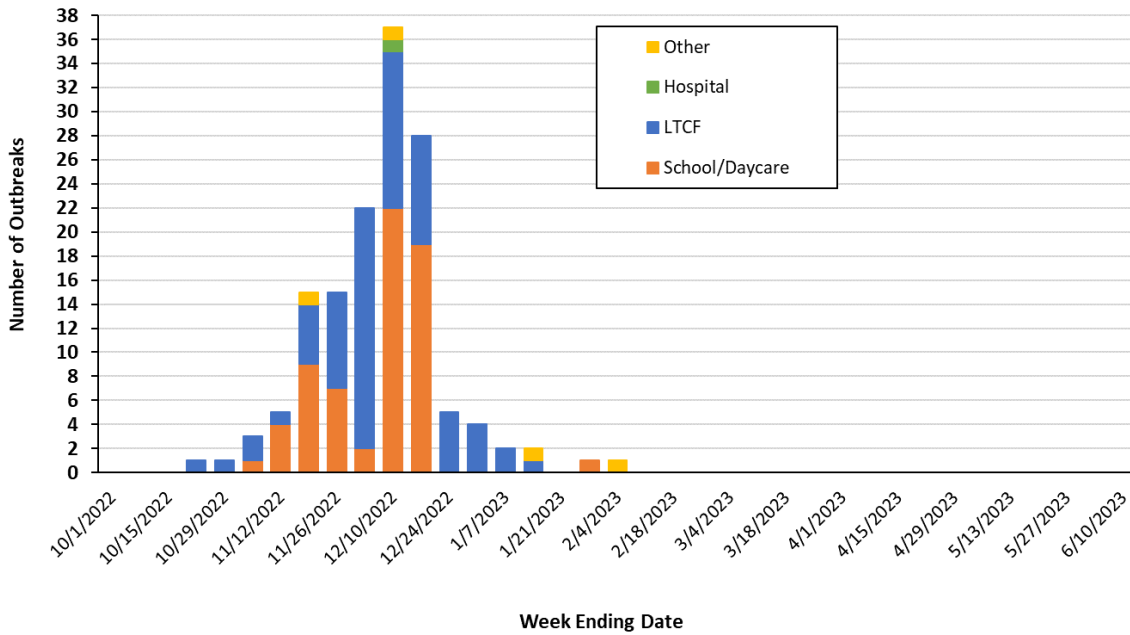
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 9 of 2023. There have been 1032 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 55.2 per 100,000 people.

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



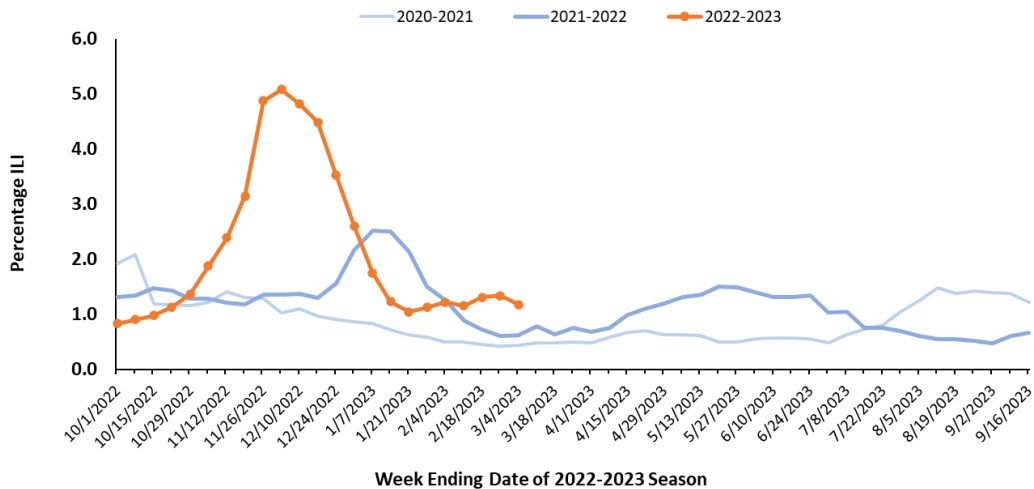
Influenza Outbreaks: No influenza outbreaks were reported during week 9. To date during the 2022–2023 season, 142 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.2% during week 9, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023

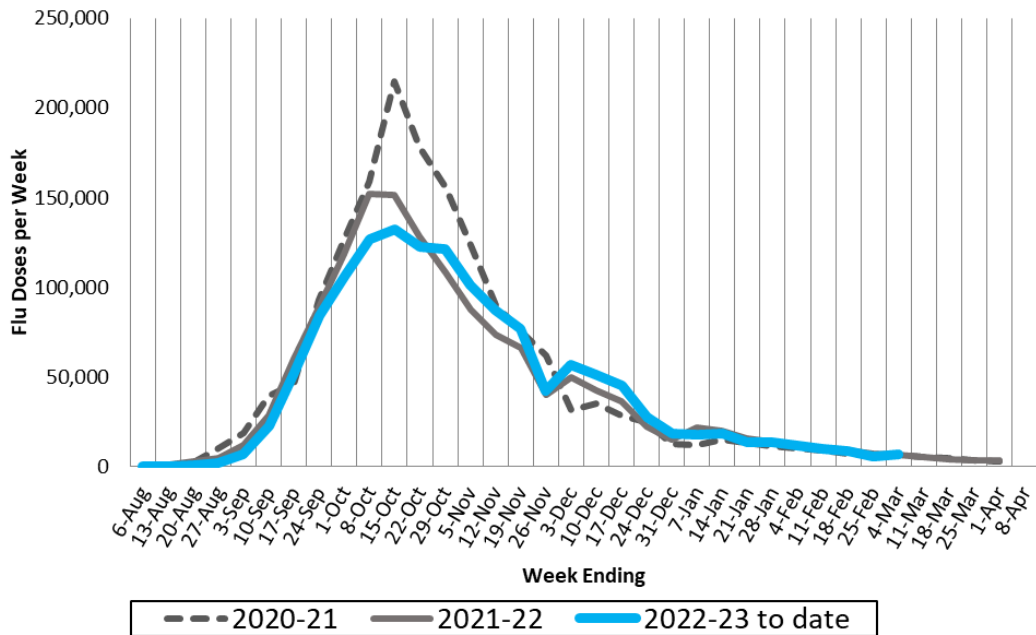


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 9, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022–2023 influenza season.

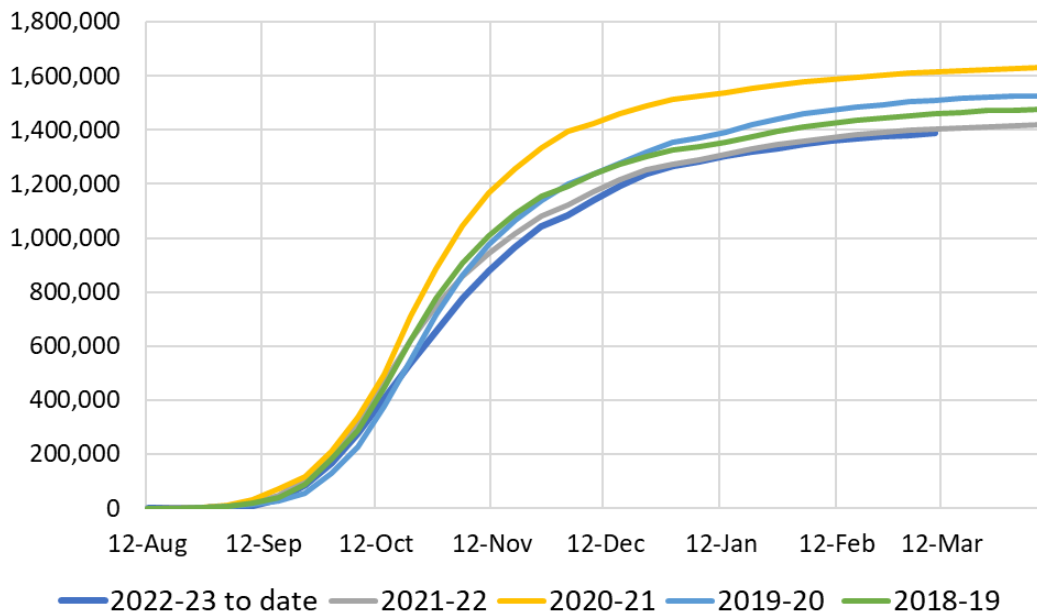
Influenza Immunizations:

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, ALERT IIS has 1.39 million reported influenza immunizations for Oregon residents, as compared to 1.40 million in 2021-22 at this time, or 1.62 million in 2020-21. The total number of influenza immunizations reported to the ALERT IIS so far for this season is lower than for the past 4 seasons.

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



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.9% this week.
- **Public Health Labs:** The most frequently reported viruses this week were influenza A (H3N2).
- **Virus Characterization:** Genetic characterization data are now summarized on [CDC FluView](#)

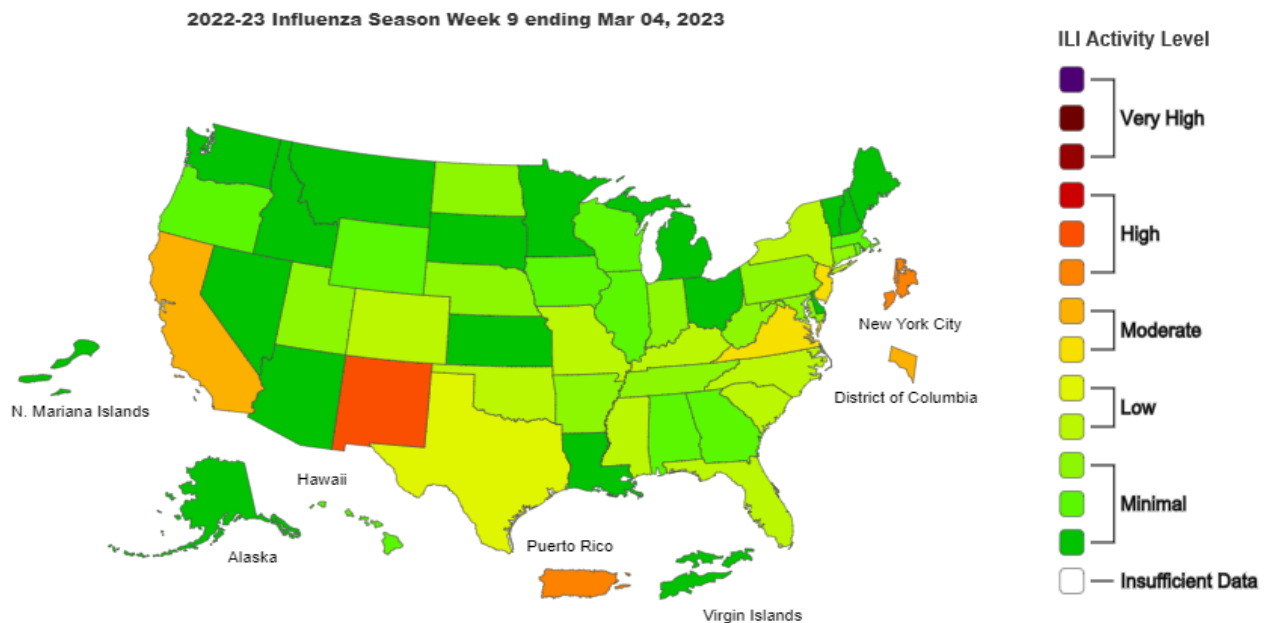
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.4% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 3 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 60.0 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,418 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 8.9% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.3% for this week.
- **Pediatric Deaths:** 8 influenza related deaths were reported this week, 125 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>

Oregon Public Health Division

Published March 3rd, 2023

Data at a Glance February 19, 2023—February 25, 2023 (Week 8)

	Current Week (8)	Previous Week (7)
Percentage positive influenza tests¹	0.4%	0.6%
Portland tri-county influenza-associated hospitalizations^{2*}	0	0
Reported influenza outbreaks³	0	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.3%	1.3%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

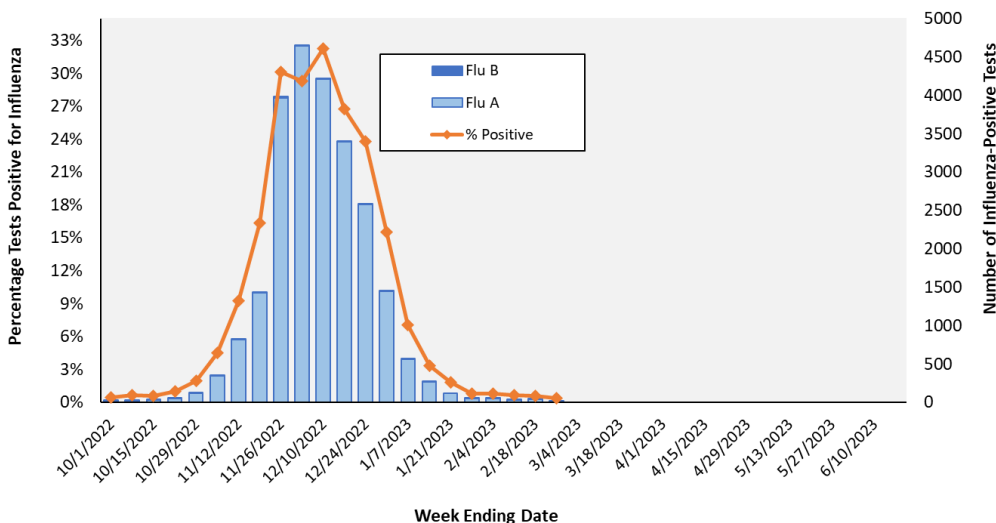
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

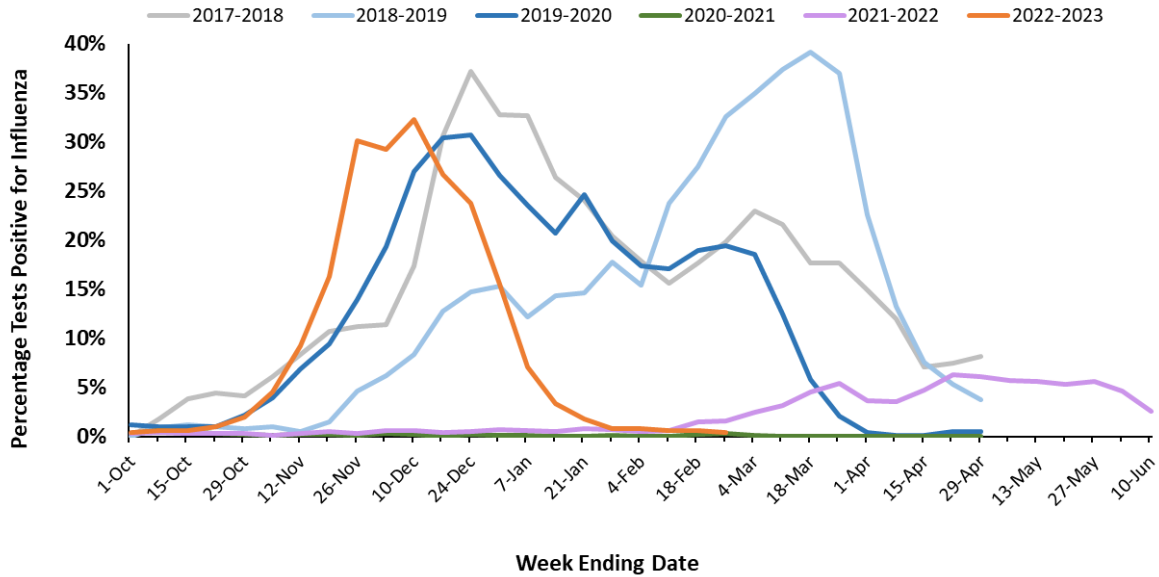
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1439	6	0.4%	4	66.7%	2	33.3%
Southern Oregon	1182	2	0.2%	1	50.0%	1	50.0%
Columbia Gorge	255	2	0.8%	1	50.0%	1	50.0%
Central Oregon	716	4	0.6%	3	75.0%	1	25.0%
Willamette Valley	650	2	0.3%	2	100.0%	0	0.0%
State Total	4242	16	0.4%	11	68.8%	5	31.3%

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

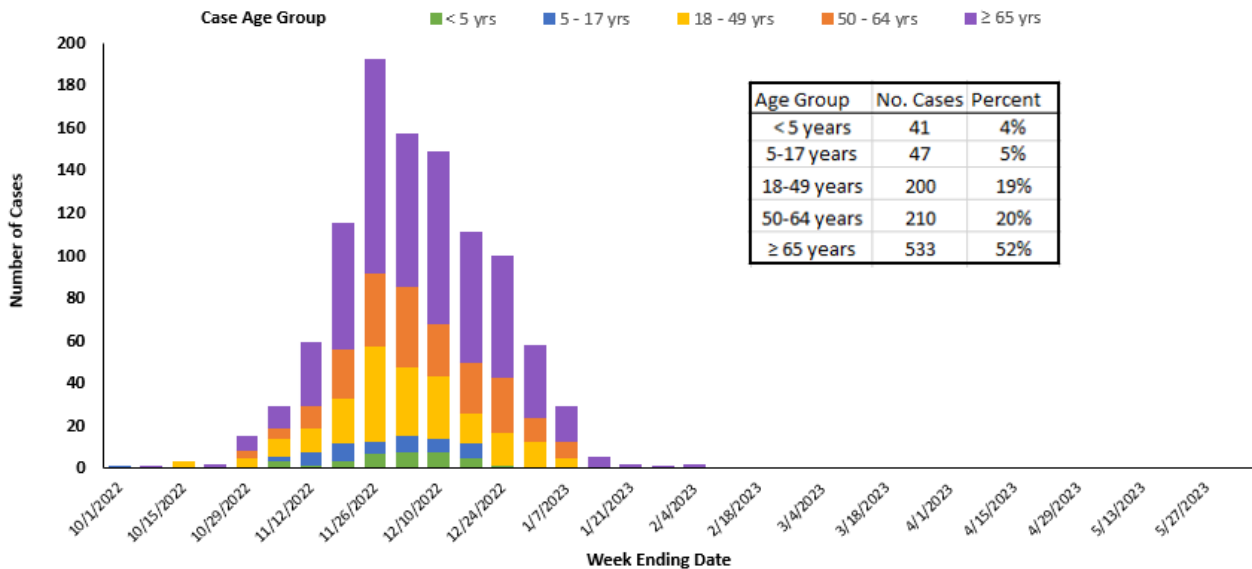


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



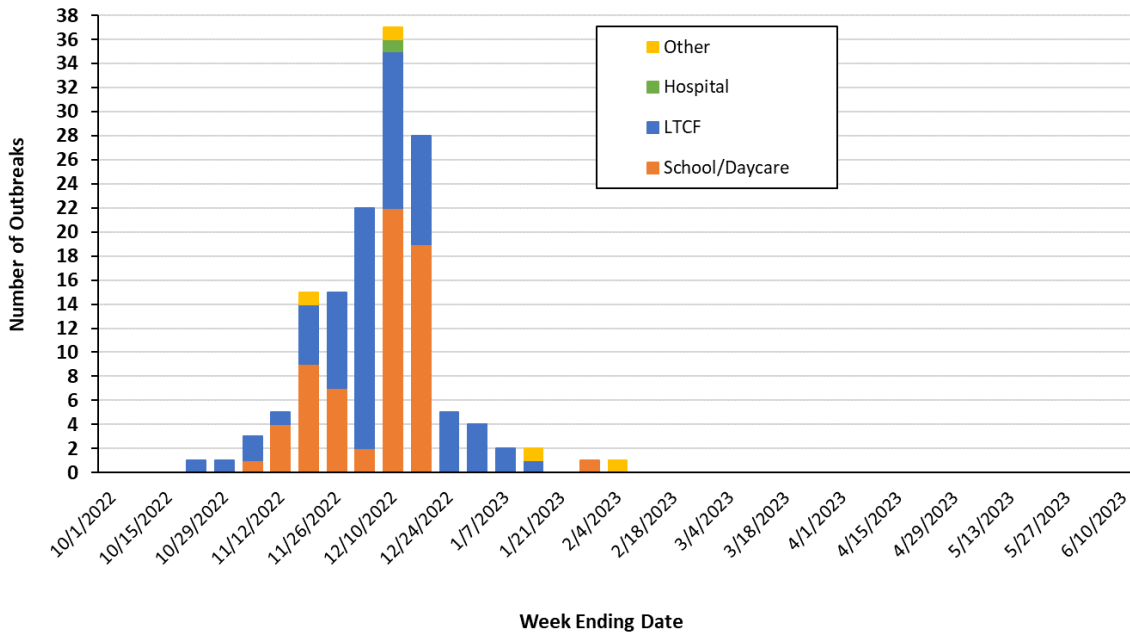
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 8 of 2023. There have been 1031 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56 per 100,000 people.

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



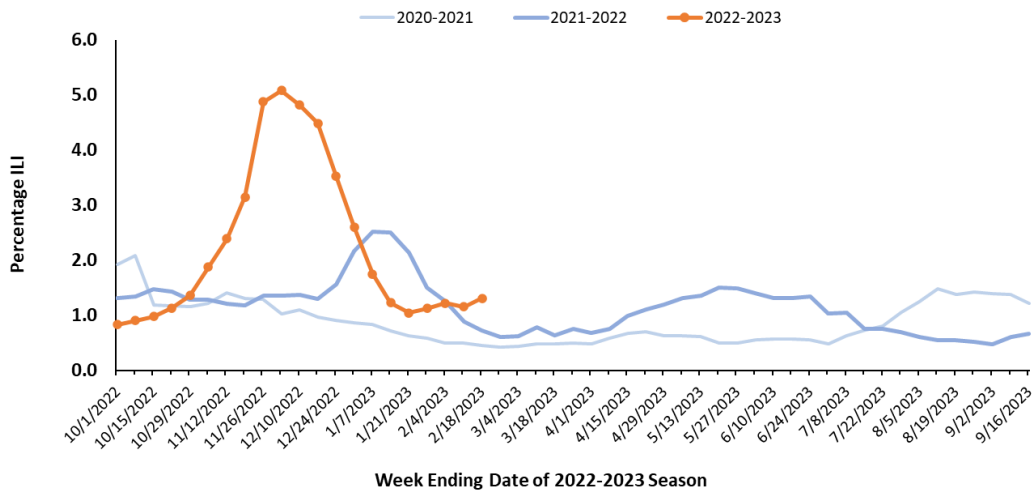
Influenza Outbreaks: No influenza outbreaks were reported during week 8. To date during the 2022–2023 season, 142 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.3% during week 8, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023

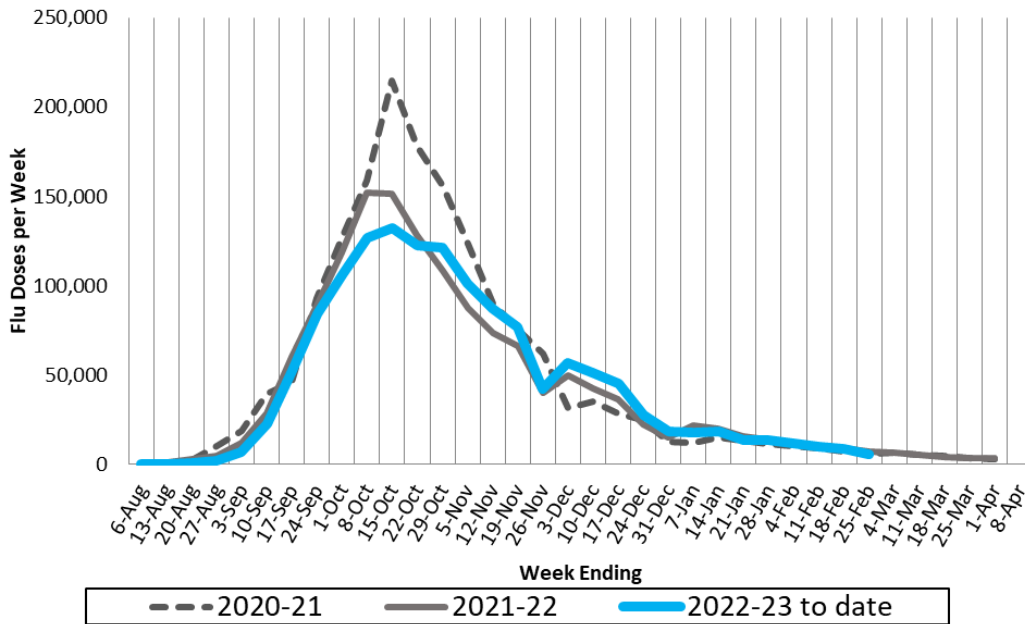


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 8, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

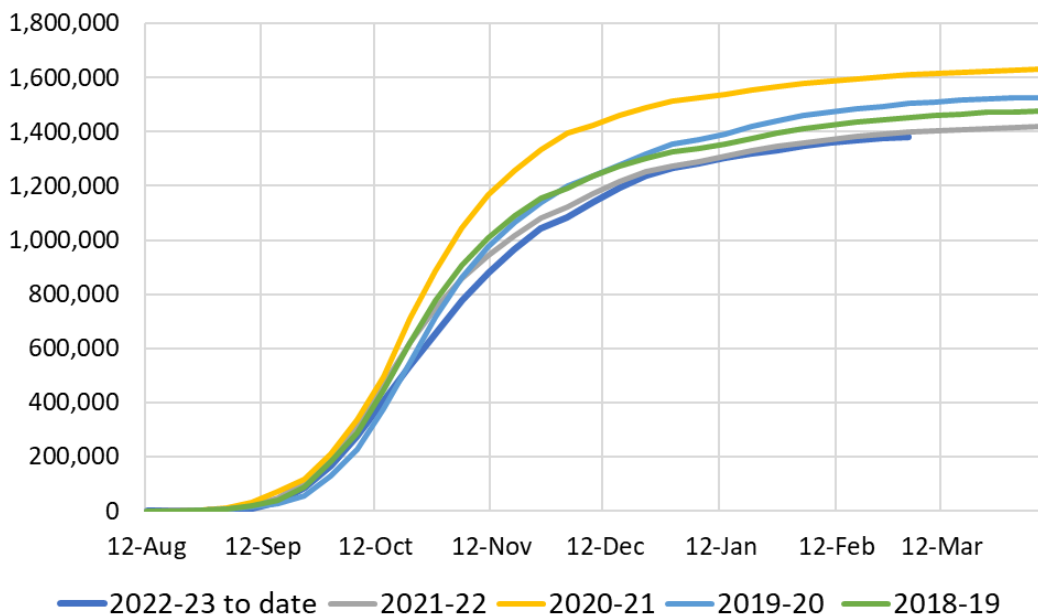
Influenza Immunizations:

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, ALERT IIS has 1.38 million reported influenza immunizations for Oregon residents, as compared to 1.40 million in 2021-22 at this time, or 1.60 million in 2020-21. The total number of influenza immunizations reported to the ALERT IIS so far for this season is lower than for the past 4 seasons.

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



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



Oregon Public Health Division

Published February 24th, 2023

Data at a Glance February 12, 2023—February 18, 2023 (Week 7)

	Current Week (7)	Previous Week (6)
Percentage positive influenza tests¹	0.6%	0.6%
Portland tri-county influenza-associated hospitalizations^{2*}	0	0
Reported influenza outbreaks³	0	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.3%	1.2%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

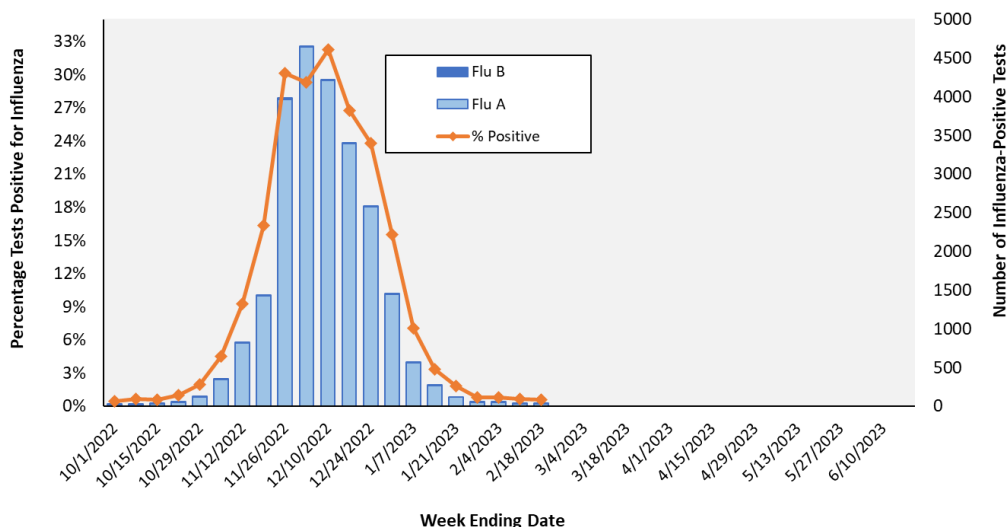
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

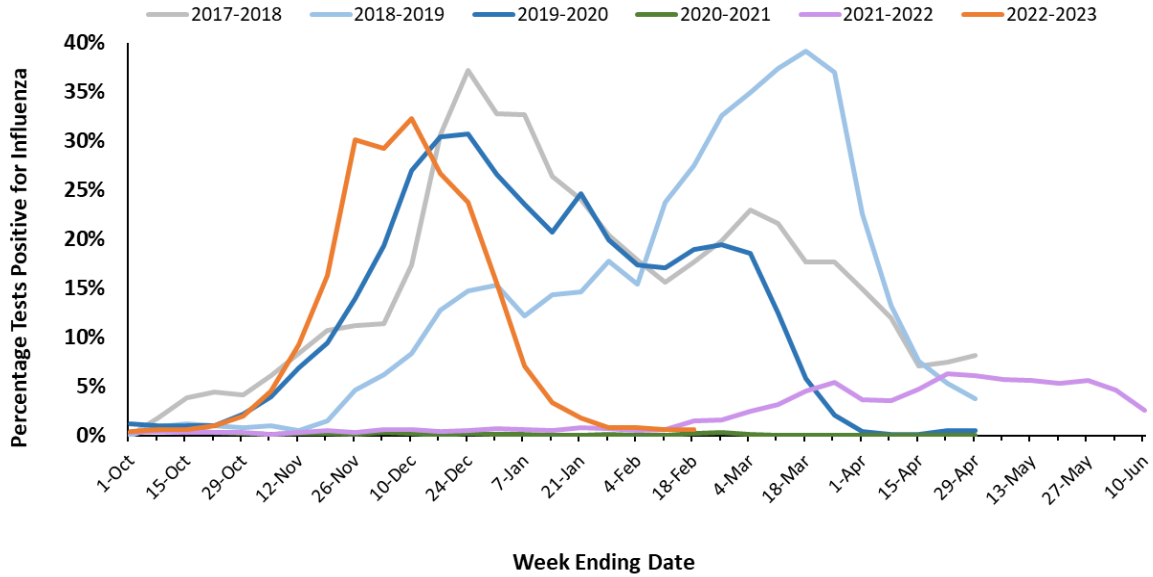
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	No.		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	3864	29	0.8%	26	89.7%	3	10.3%
Southern Oregon	1111	3	0.3%	3	100.0%	0	0.0%
Columbia Gorge	306	3	1.0%	1	33.3%	2	66.7%
Central Oregon	782	2	0.3%	2	100.0%	0	0.0%
Willamette Valley	638	3	0.5%	2	66.7%	1	33.3%
State Total	6701	40	0.6%	34	85.0%	6	15.0%

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

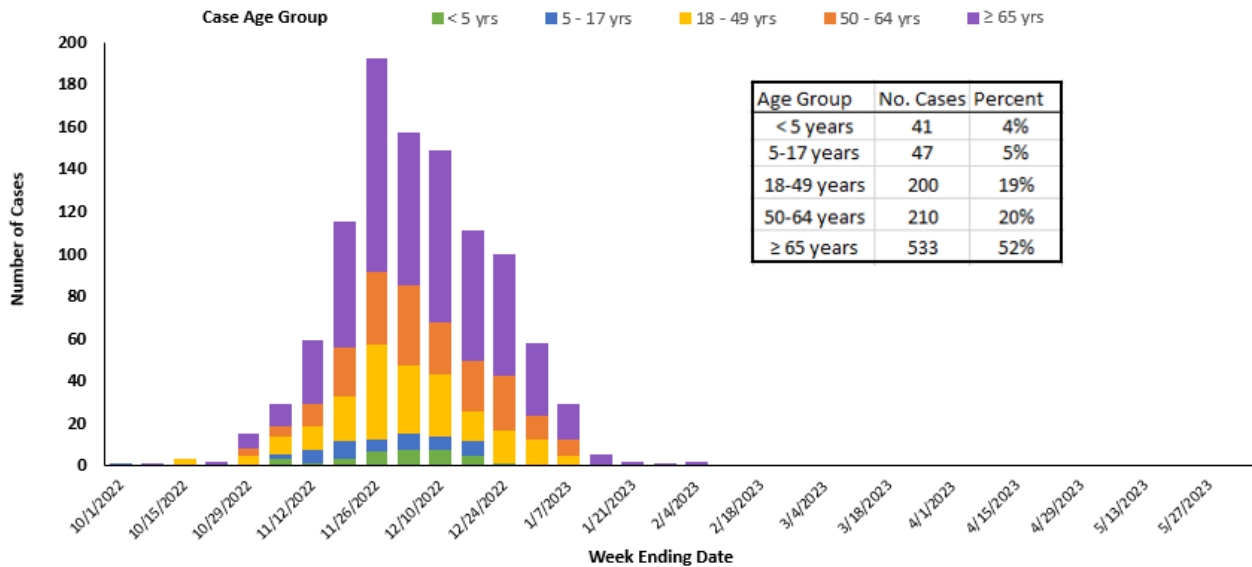


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



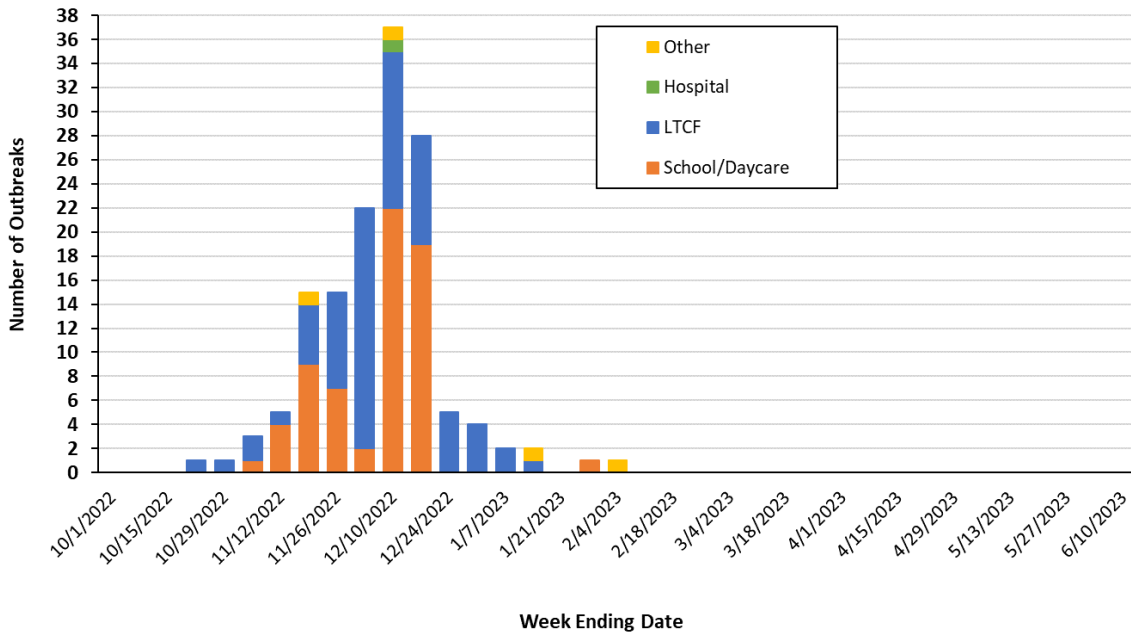
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 7 of 2023. There have been 1031 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 56 per 100,000 people.

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



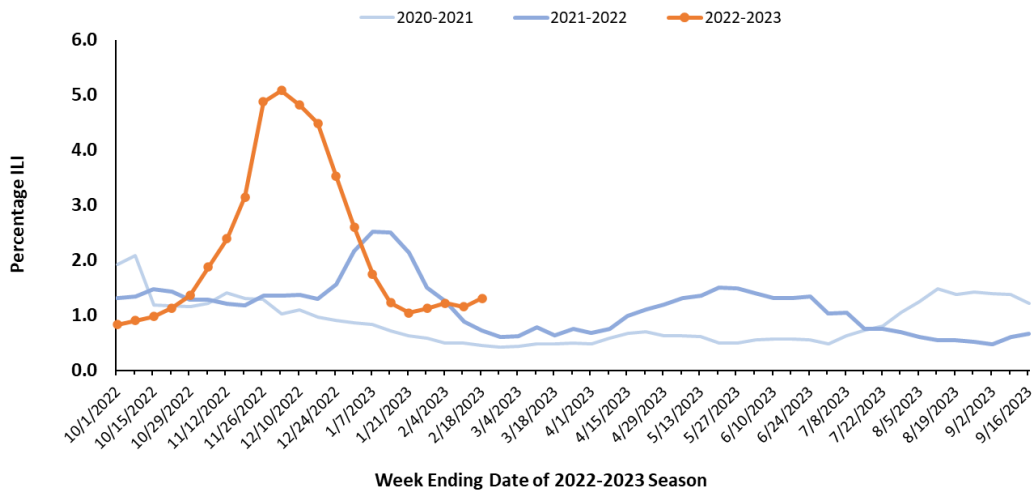
Influenza Outbreaks: No influenza outbreaks were reported during week 7. To date during the 2022–2023 season, 142 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.3% during week 7, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



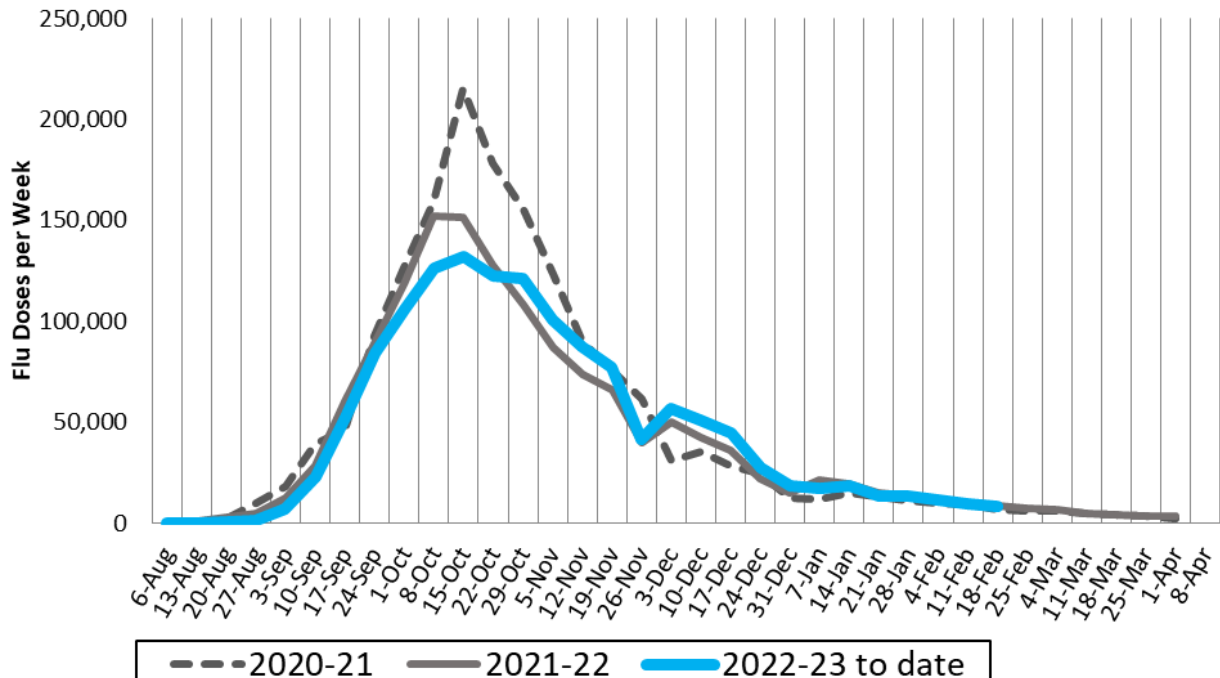
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 7, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

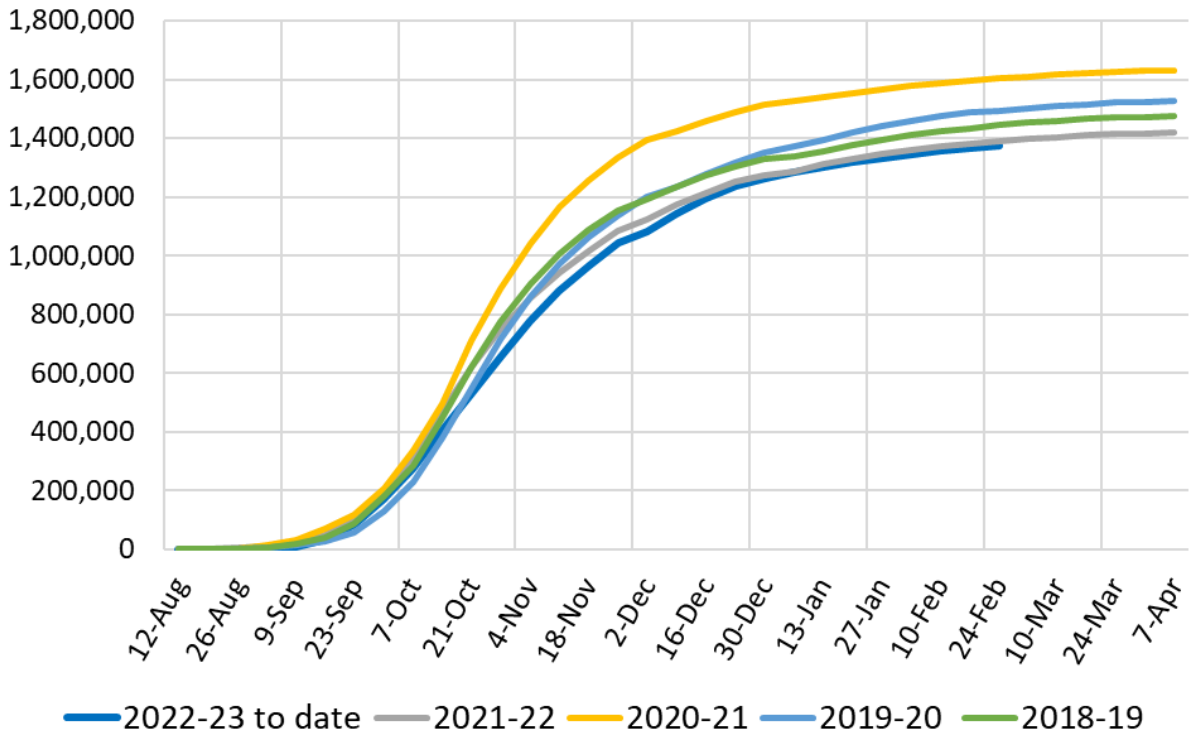
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.38 million reported influenza immunizations for Oregon residents, as compared to 1.39 million in 2021-22 at this time, or 1.60 million in 2020-21. The total number of influenza immunizations reported to the ALERT IIS so far for this season is lower than for the past 4 seasons.

It's not too late to give or get influenza immunizations for this season. For this week, we are including a chart showing how the age composition of who is seeking influenza immunizations has changed from earlier in season (prior to Jan 1st) versus currently (after Jan 1st). Overall, more older adults and seniors sought influenza shots, as a percentage of total shots, earlier in the season than currently. In contrast, the percentage of influenza shots going to children has increased.

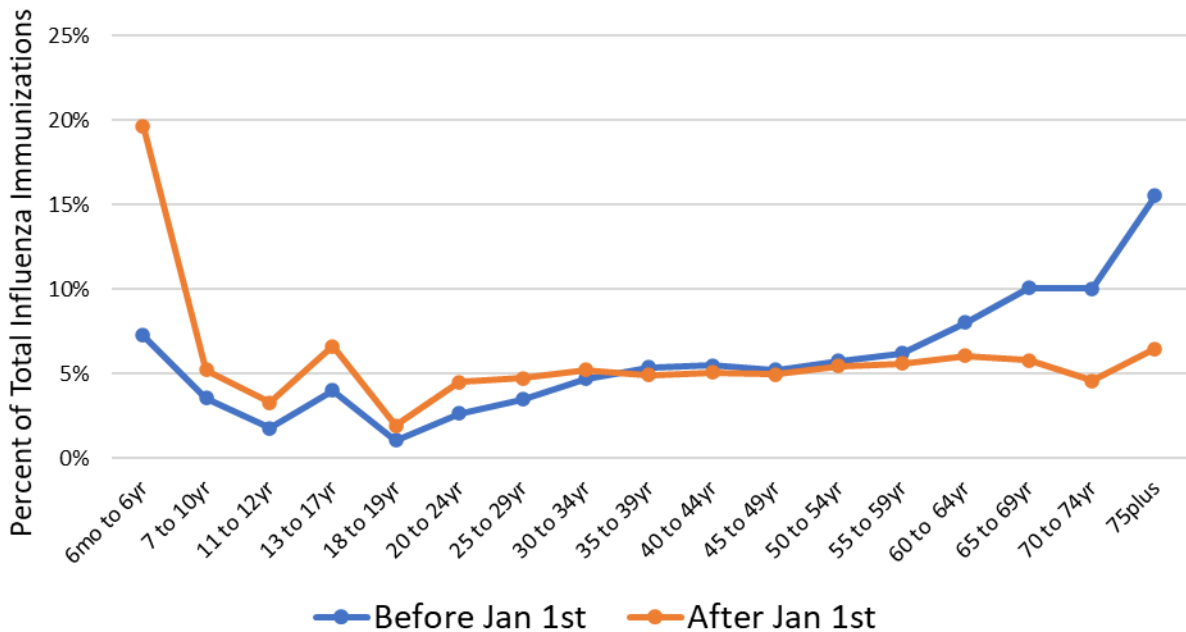
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



Age Composition of Influenza Immunization Seeking, Before and After January 1st of 2023



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 1.0% this week.
- **Public Health Labs:** The most frequently reported viruses this week were influenza A (H3N2).
- **Virus Characterization:** Genetic characterization data are now summarized on [CDC FluView](#)

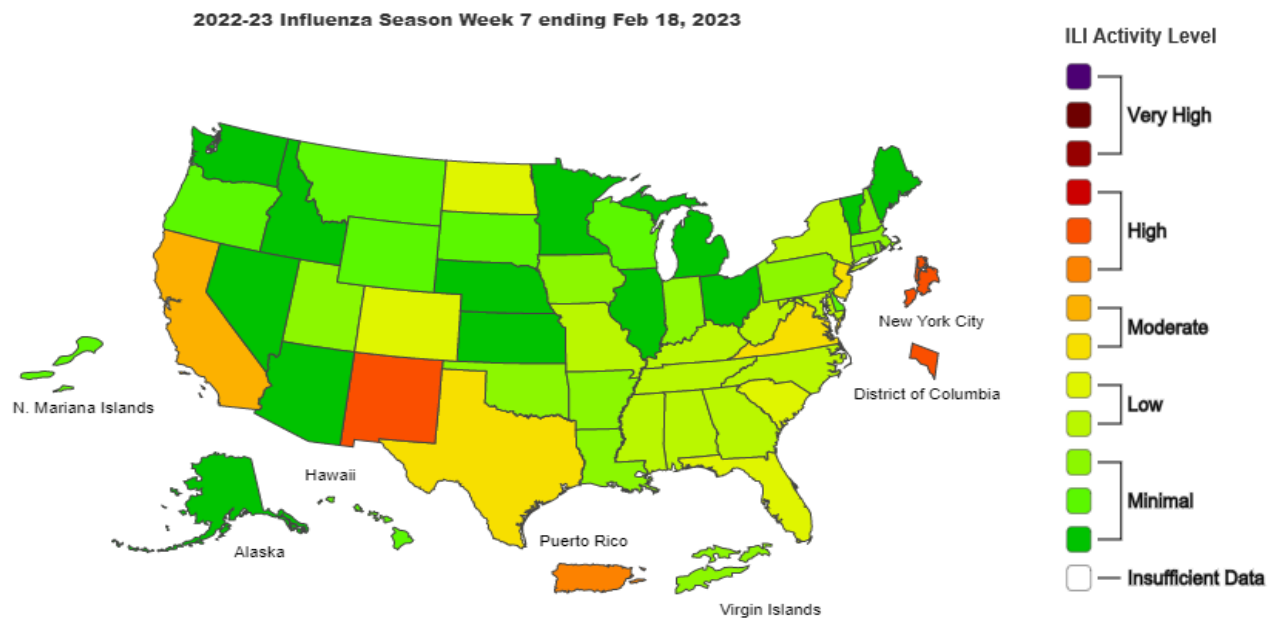
Illness

- **ILINet Outpatient Illness:** Nationwide during week, 2.6% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 4 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.6% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 59.7 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,778 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 9.0% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.3% for this week.
- **Pediatric Deaths:** 4 influenza related deaths were reported this week, 115 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>

Oregon Public Health Division

Published February 17th, 2023

Data at a Glance February 5, 2023—February 11, 2023 (Week 6)

	Current Week (6)	Previous Week (5)
Percentage positive influenza tests¹	0.6%	0.8%
Portland tri-county influenza-associated hospitalizations^{2*}	0	1
Reported influenza outbreaks³	0	1
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.2%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

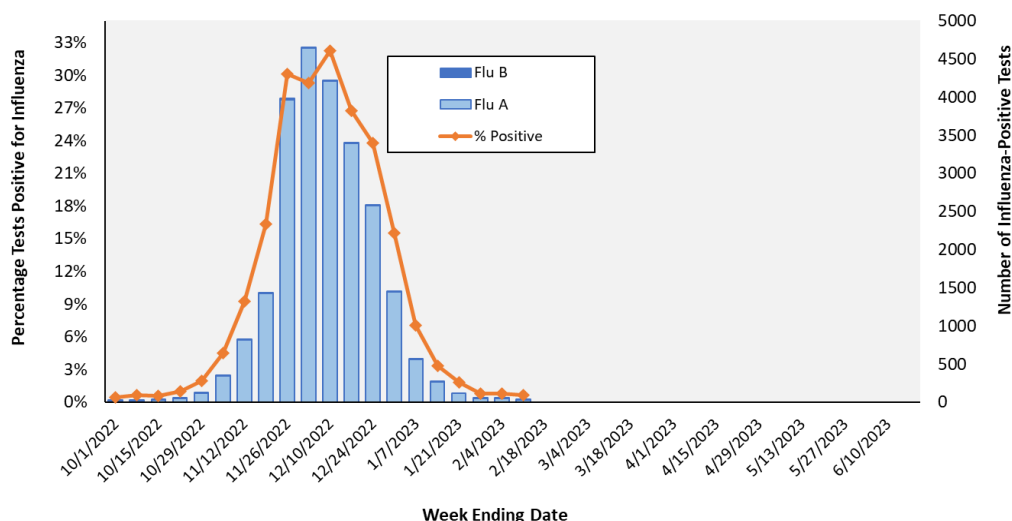
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

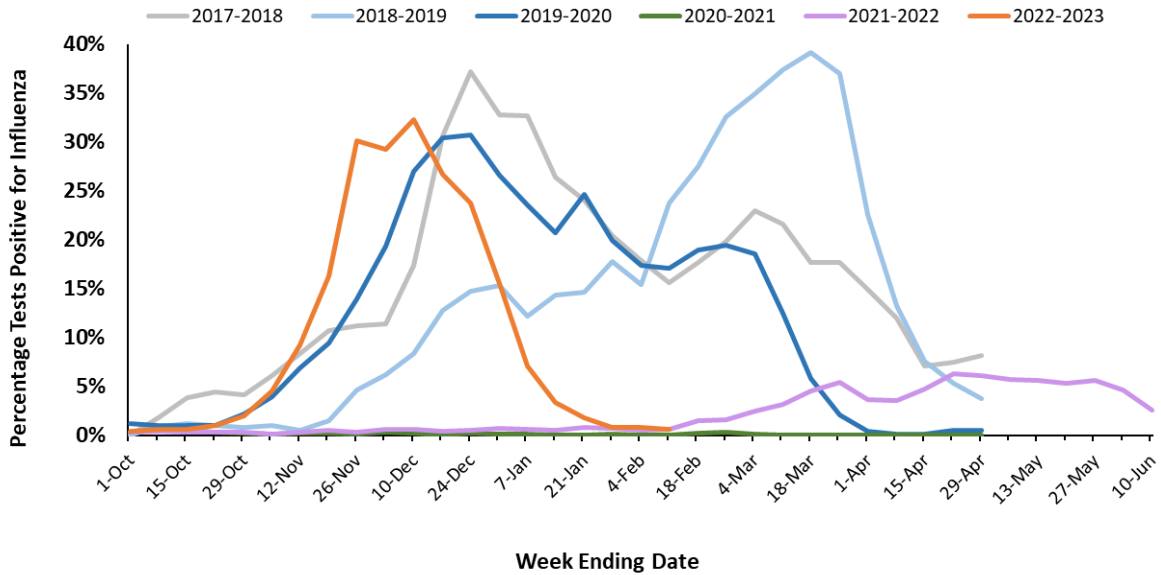
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2642	15	0.6%	13	86.7%	2	13.3%
Southern Oregon	1082	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	295	7	2.4%	6	85.7%	1	14.3%
Central Oregon	742	10	1.3%	10	100.0%	0	0.0%
Willamette Valley	642	2	0.3%	2	100.0%	0	0.0%
State Total	5403	34	0.6%	31	91.2%	3	8.8%

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

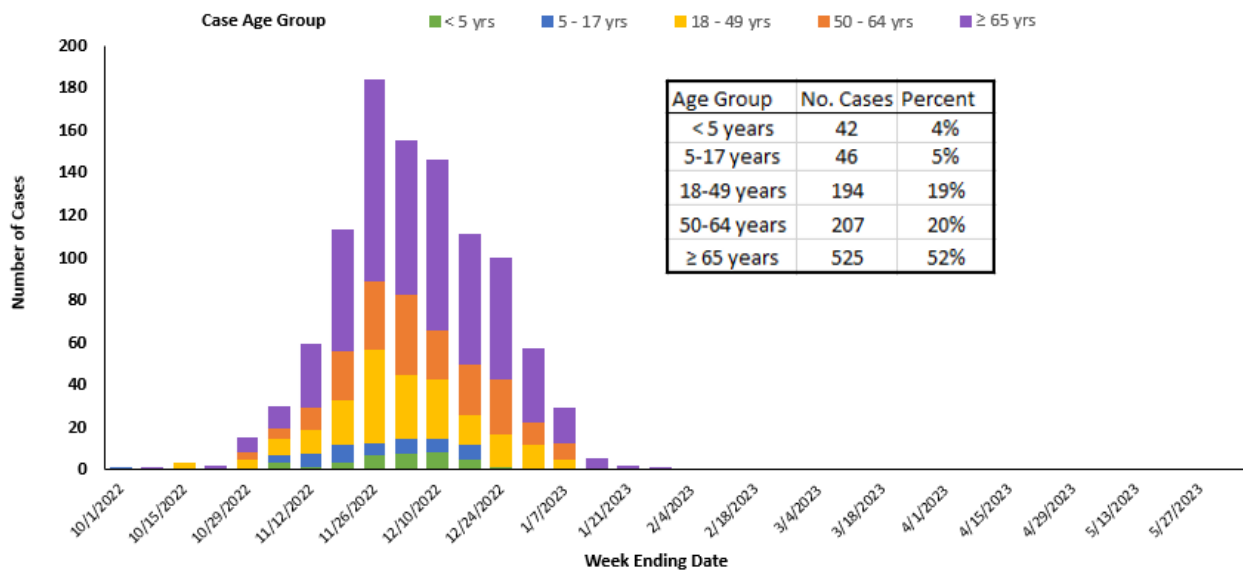


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



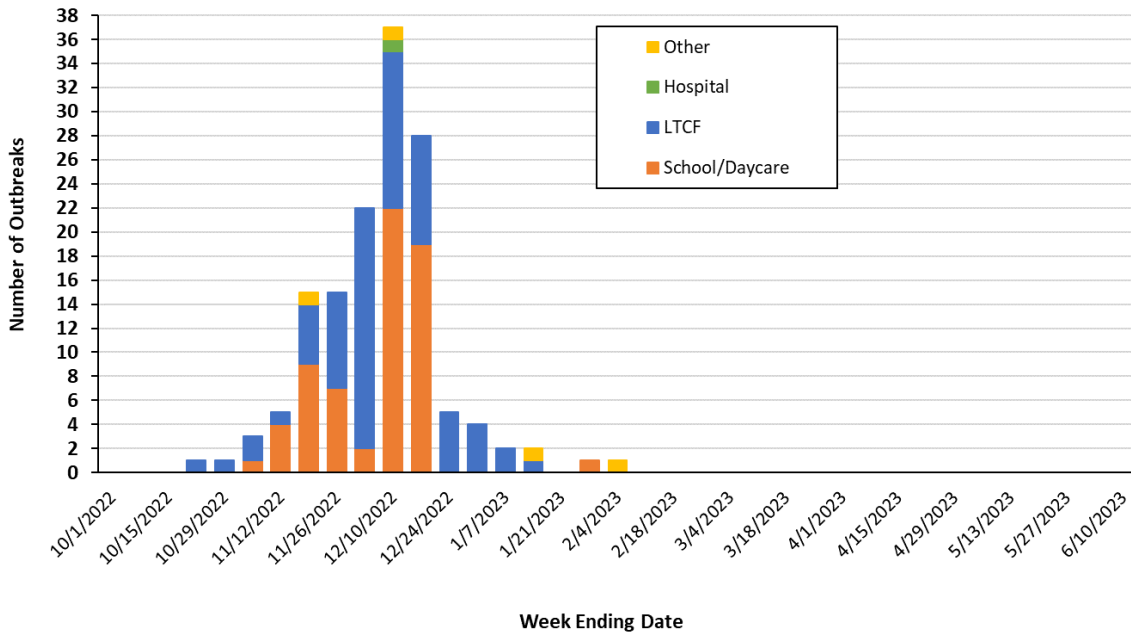
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 0 influenza-associated hospitalization occurred during week 6 of 2023. There have been 1014 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 55.1 per 100,000 people.

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



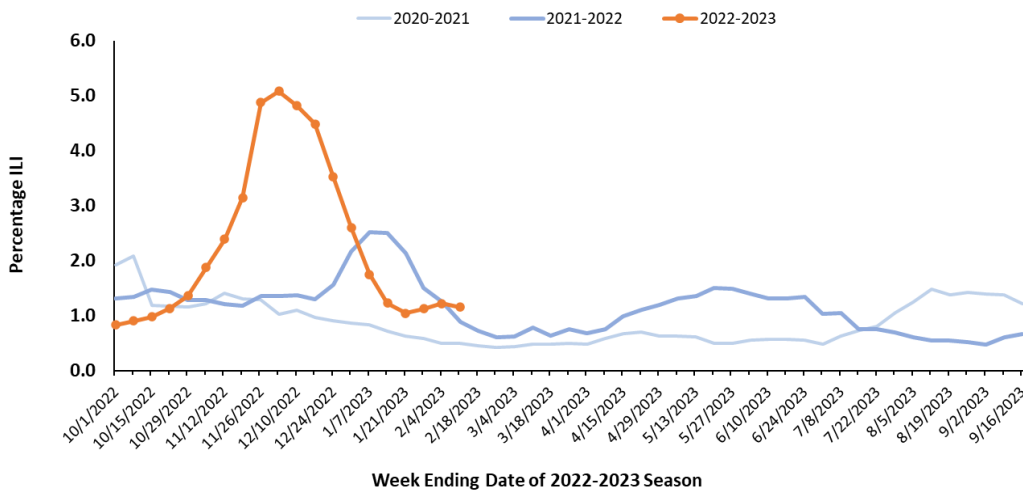
Influenza Outbreaks: No influenza outbreaks were reported during week 6. To date during the 2022–2023 season, 142 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.2% during week 6, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023

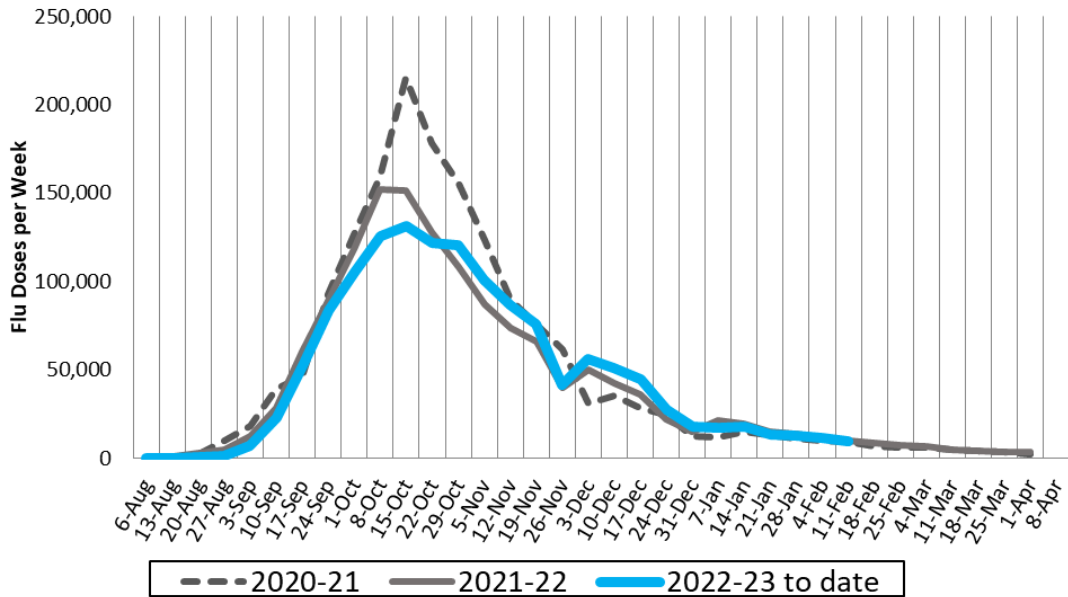


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 6, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

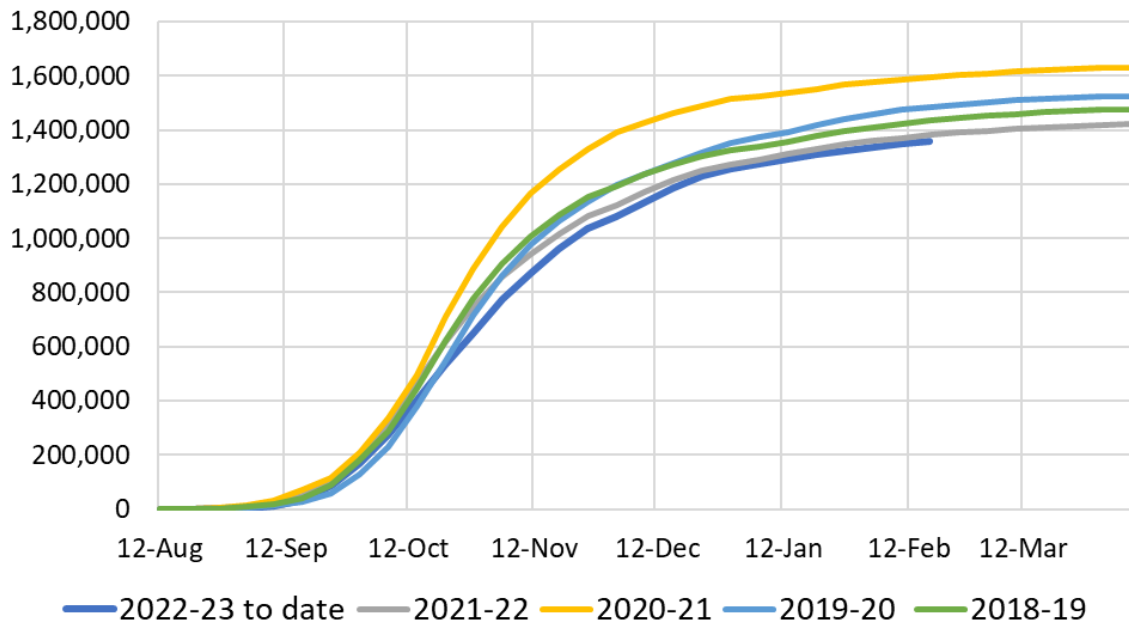
Influenza Immunizations:

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, ALERT IIS has 1.36 million reported influenza immunizations for Oregon residents, as compared to 1.38 million in 2021-22 at this time, or 1.60 million in 2020-21.

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



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 1.4% 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

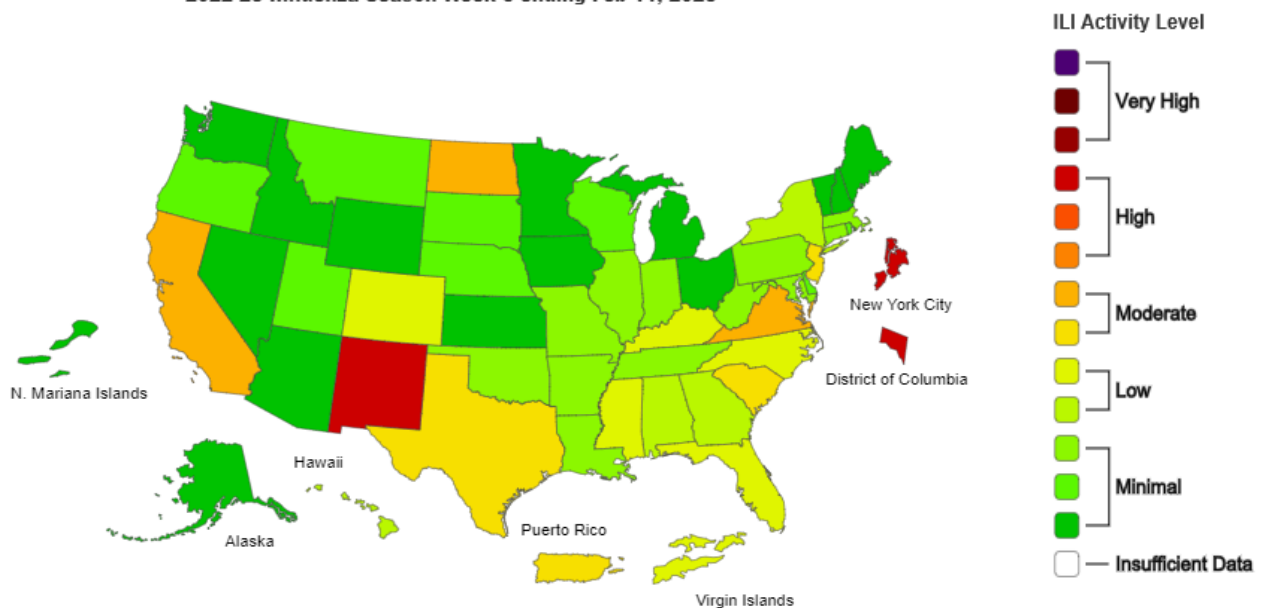
- **ILINet Outpatient Illness:** Nationwide during week, 2.6% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 3 jurisdictions experienced high or very high activity and 7 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.7% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 59.5 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 1,992 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 9.4% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.3% for this week.
- **Pediatric Deaths:** 5 influenza related deaths were reported this week, 111 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

2022-23 Influenza Season Week 6 ending Feb 11, 2023



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>

Oregon Public Health Division

Published February 10th, 2023

Data at a Glance January 29, 2023—February 4, 2023 (Week 5)

	Current Week (5)	Previous Week (4)
Percentage positive influenza tests¹	0.8%	0.8%
Portland tri-county influenza-associated hospitalizations^{2*}	1	1
Reported influenza outbreaks³	0	1
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.1%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

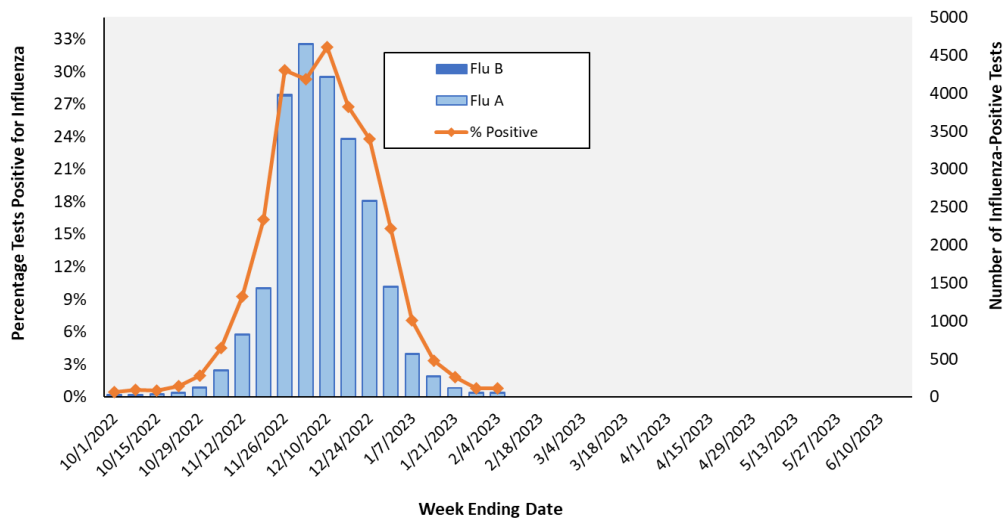
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

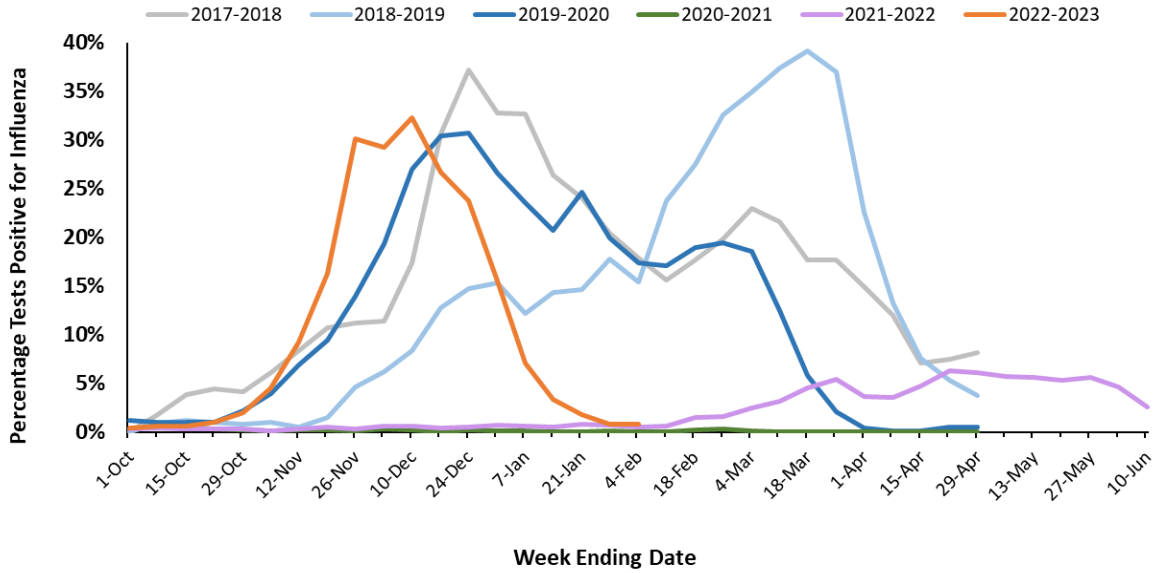
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Flu A		Flu B	
		No.	(%)	No.	(%)
Portland Metro	3294	22	0.7%	20	90.9%
Southern Oregon	1105	4	0.4%	4	100.0%
Columbia Gorge	327	7	2.1%	7	100.0%
Central Oregon	611	11	1.8%	11	100.0%
Willamette Valley	608	3	0.5%	3	100.0%
State Total	5945	47	0.8%	45	95.7%

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

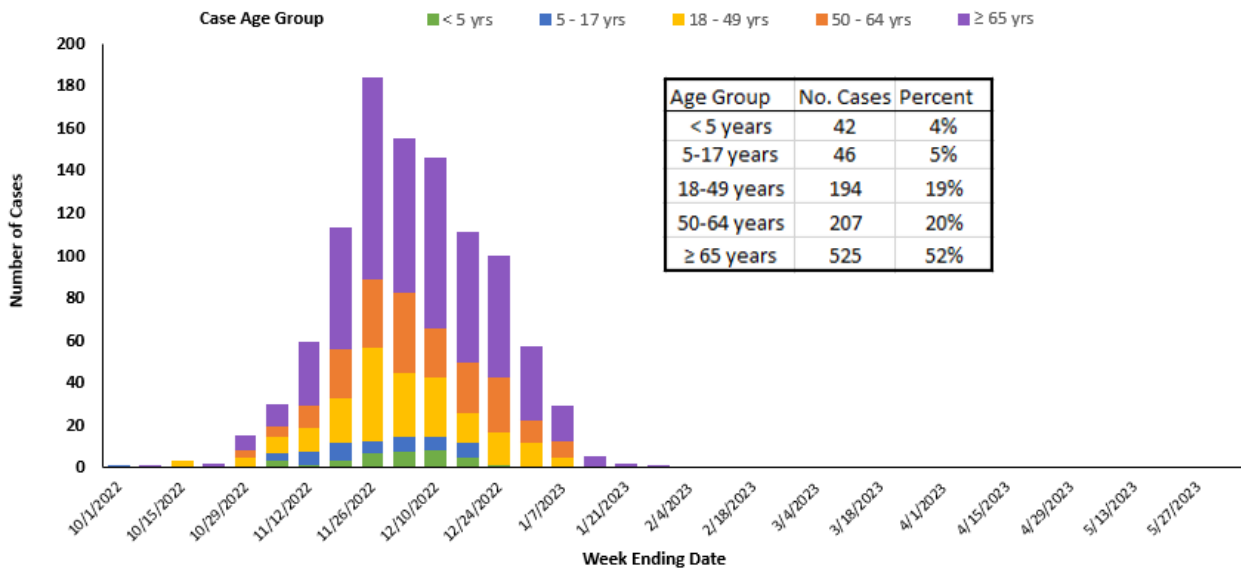


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



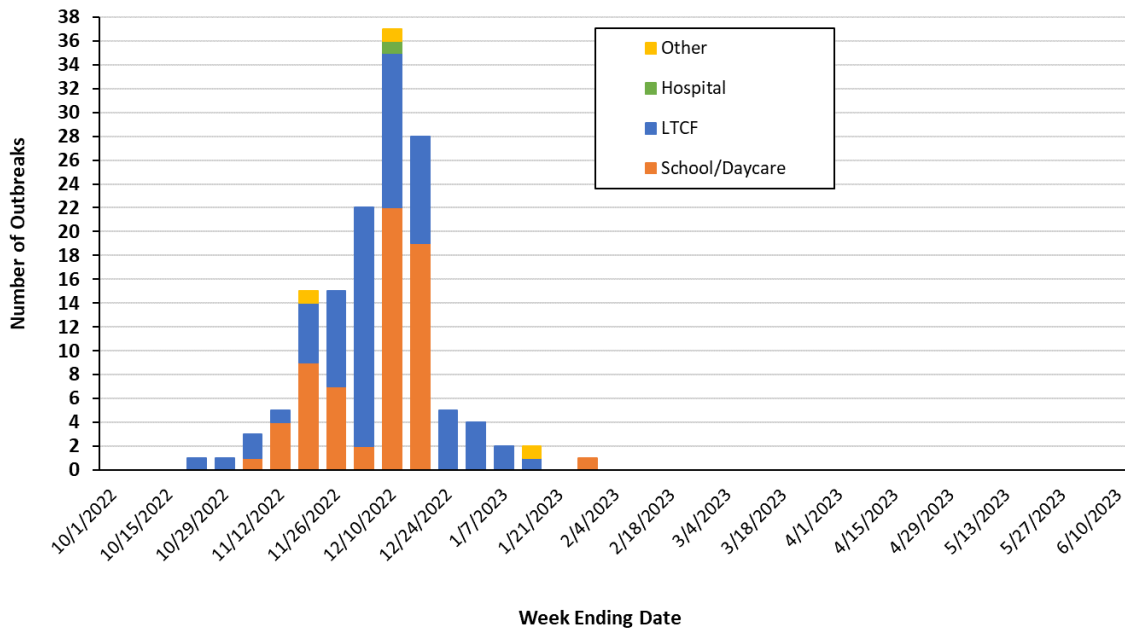
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 influenza-associated hospitalization occurred during week 5 of 2023. There have been 1014 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 55.1 per 100,000 people.

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



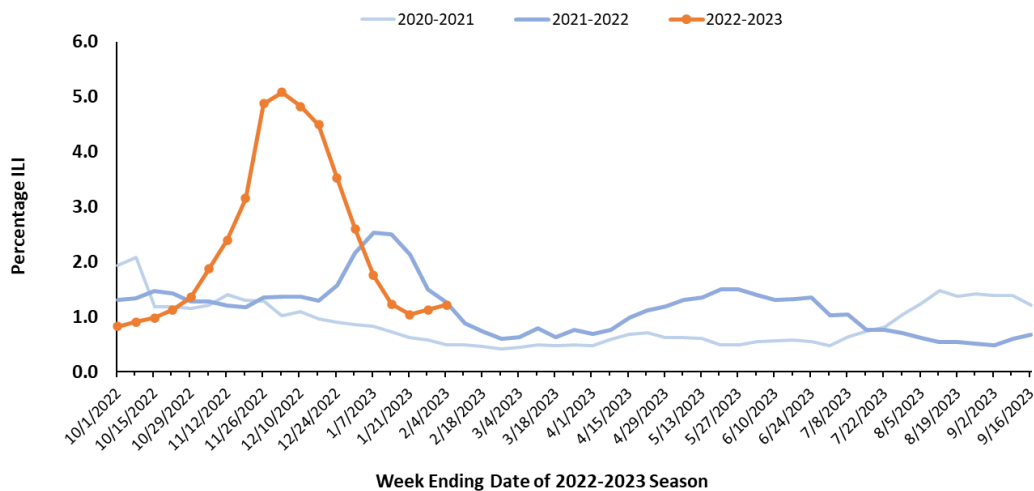
Influenza Outbreaks: No influenza outbreaks were reported during week 5. To date during the 2022–2023 season, 141 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.2% during week 5, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



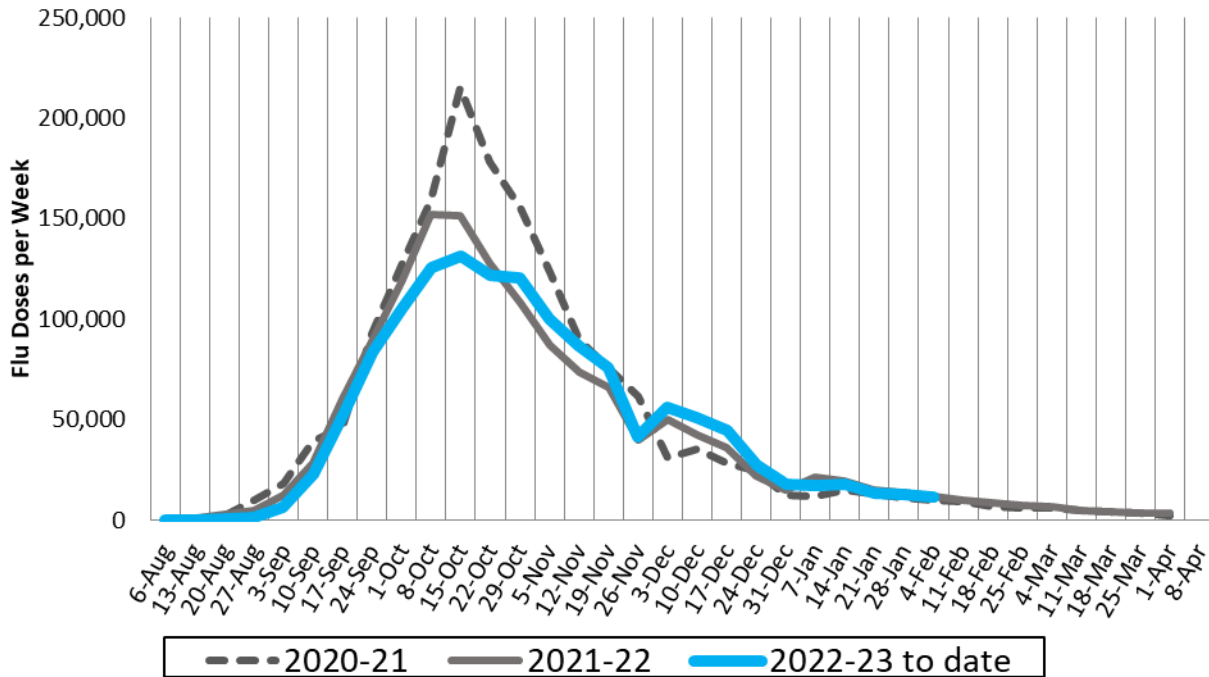
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 5, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

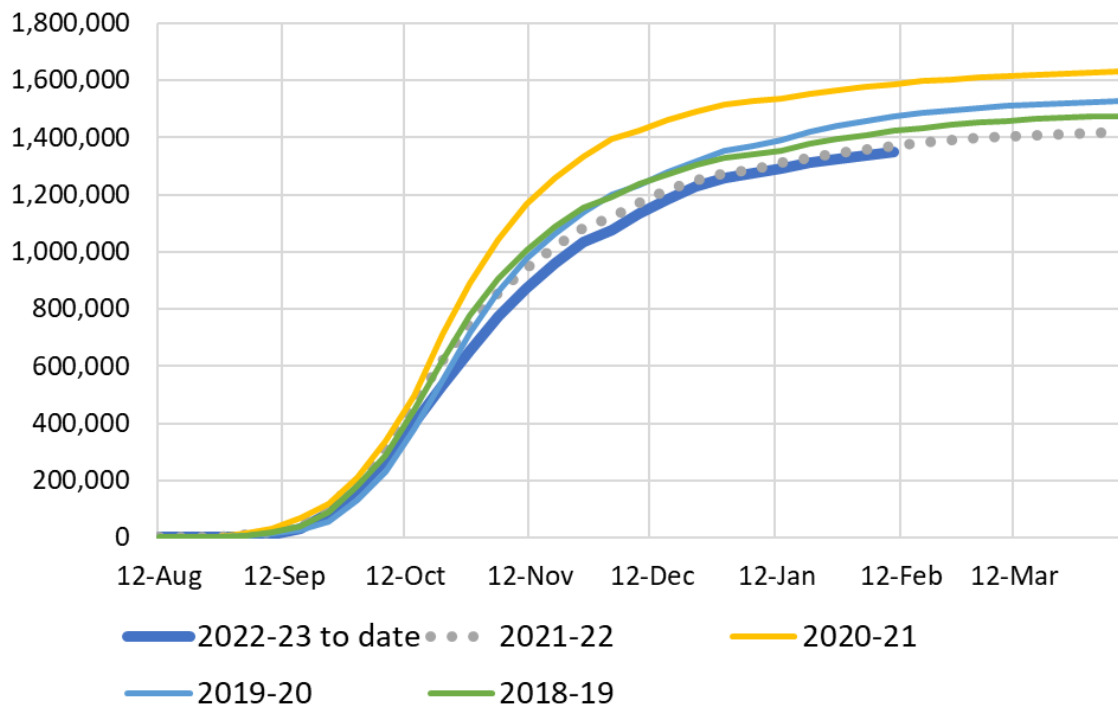
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.35 million reported influenza immunizations for Oregon residents, as compared to 1.37 million in 2021-22 at this time, or 1.58 million in 2020-21.

A topic covered in previous FluBites is how the overlap of COVID-19 booster availability and the primary influenza immunization period (Fall), has decreased influenza immunization receipt. Only 24% of adults who missed an influenza immunization while receiving COVID-19 immunizations returned later to make up the missed flu shot. Coadministration of COVID-19 and influenza immunizations in the Fall ensures that influenza immunizations are not missed; however many adults will not agree to receive both shots, and some providers are not set up to give both shots. Overall 42% of Oregonians receiving a COVID-19 immunization this flu season also had a coadministered influenza immunization. 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.

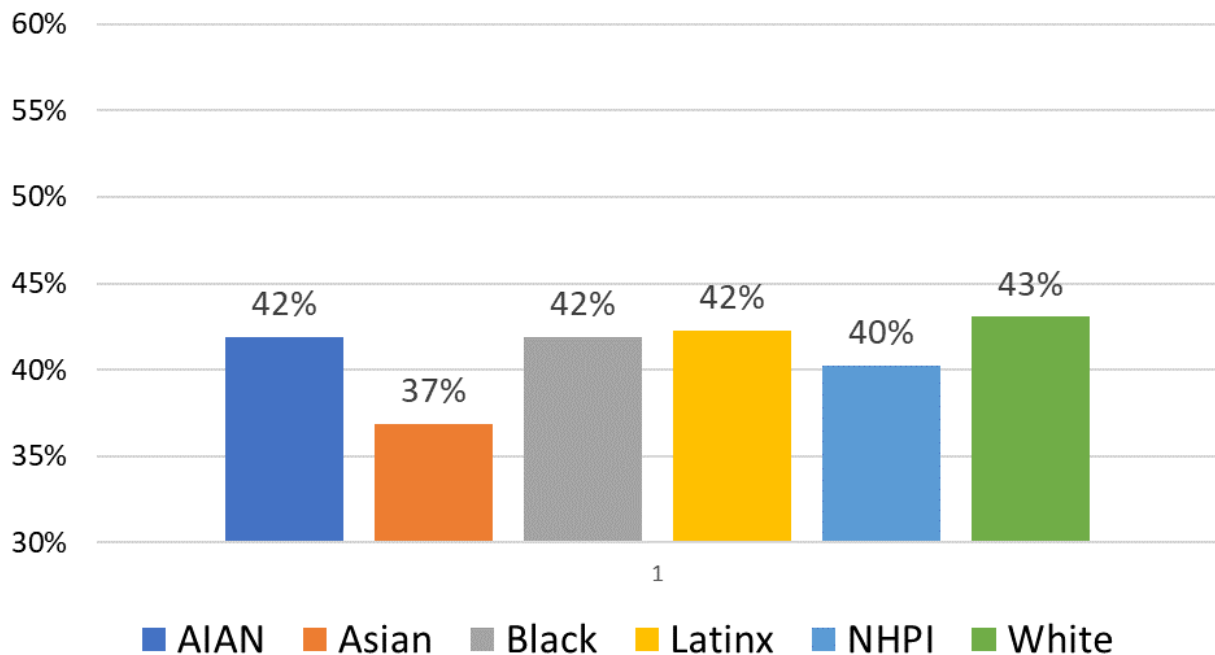
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Cumulative Oregon ALERT-IIS Reported Influenza Immunizations Per Season, 2018-19 to 2022-23



Influenza and COVID Immunization Coadministration Rates in 2022-23



U.S. Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 1.7% 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

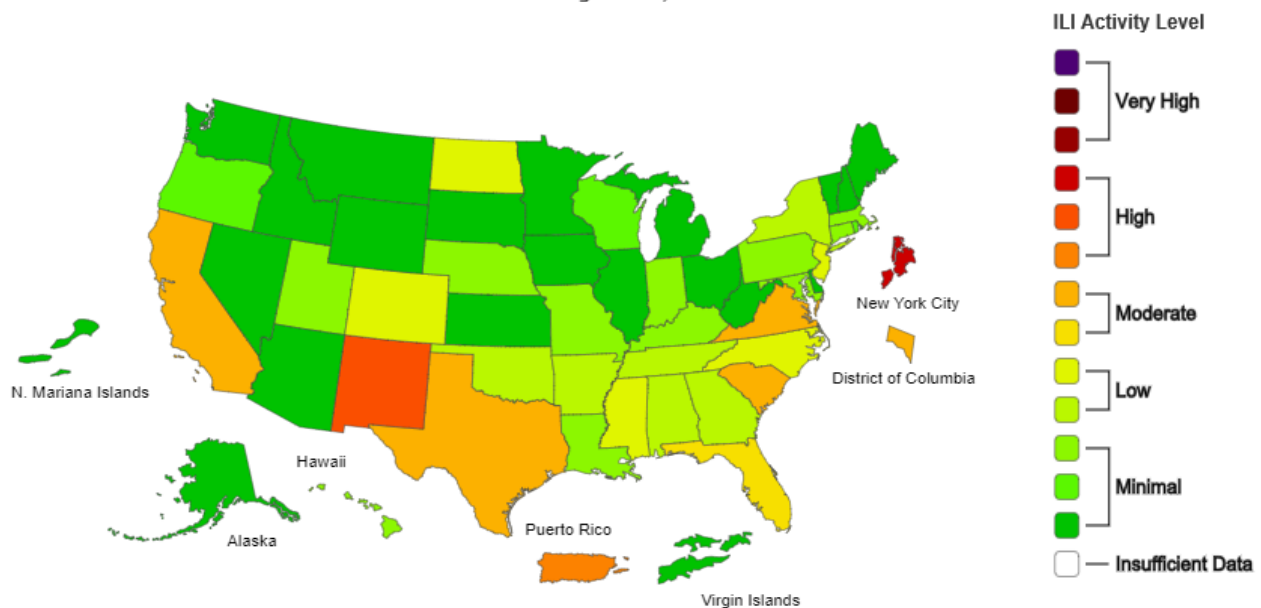
- **ILINet Outpatient Illness:** Nationwide during week, 2.6% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 3 jurisdictions experienced high or very high activity and 6 jurisdictions experienced moderate activity.
- **Long-term Care Facilities:** This week, 0.9% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 59.2 per 100,000 cumulative hospitalization rate.
- **HHS Protect Hospitalizations:** 2,137 patients admitted to hospitals with influenza this week.
- **PIC Mortality:** 10.4% of the deaths that occurred this week were due to pneumonia, influenza, or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.2% for this week.
- **Pediatric Deaths:** 9 influenza related deaths were reported this week, 106 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

2022-23 Influenza Season Week 5 ending Feb 04, 2023



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>

Oregon Public Health Division

Published February 3rd, 2023

Data at a Glance January 22, 2023—January 28, 2023 (Week 4)

	Current Week (4)	Previous Week (3)
Percentage positive influenza tests¹	0.8%	1.8%
Portland tri-county influenza-associated hospitalizations^{2*}	1	5
Reported influenza outbreaks³	1	0
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.1%	1.0%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

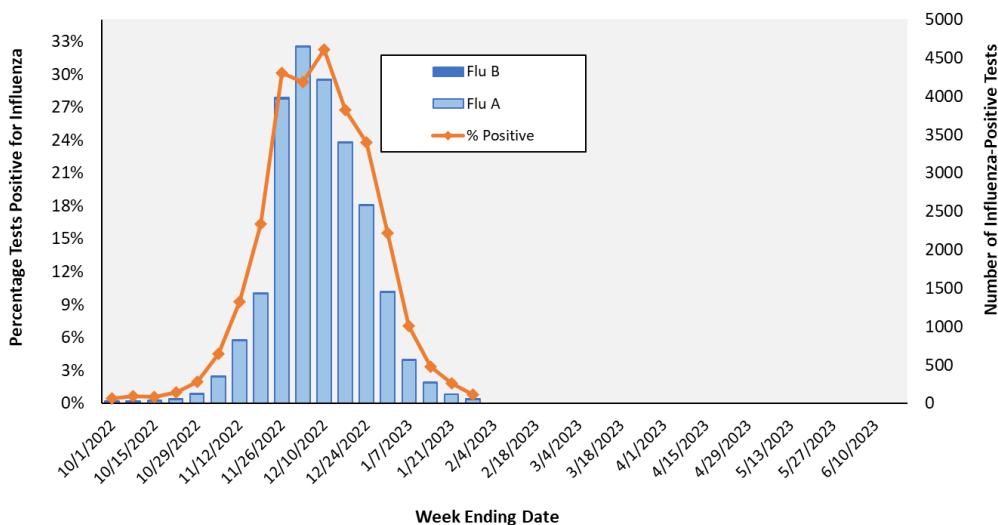
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

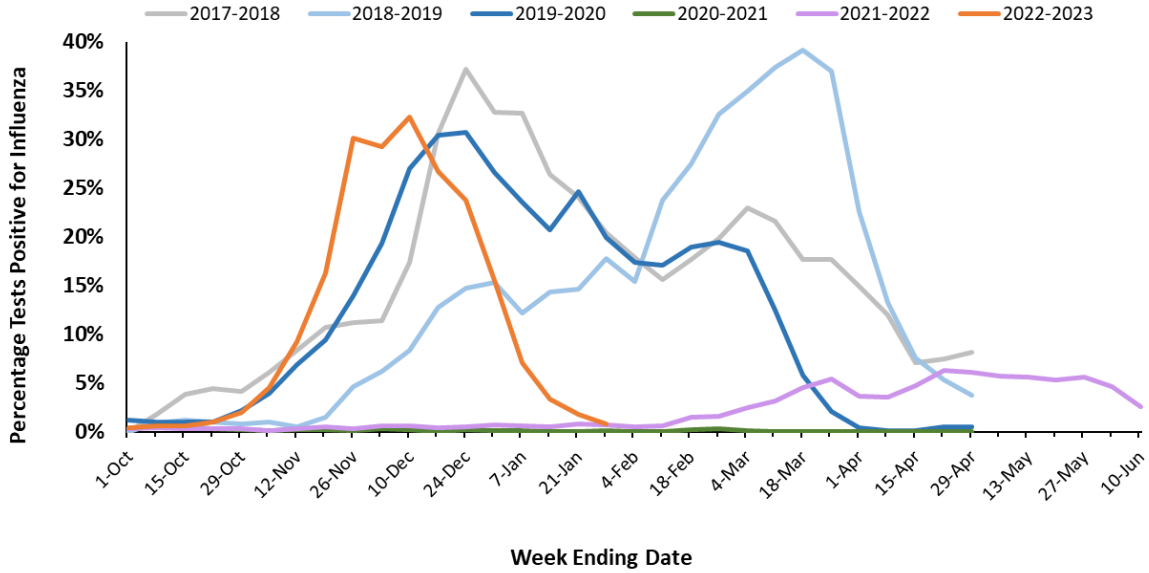
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	4437	31	0.7%	29	93.5%	2	6.5%
Southern Oregon	1195	4	0.3%	4	100.0%	0	0.0%
Columbia Gorge	305	9	3.0%	9	100.0%	0	0.0%
Central Oregon	142	3	2.1%	3	100.0%	0	0.0%
Willamette Valley	0	0	0.0%	0	0.0%	0	0.0%
State Total	6079	47	0.8%	45	95.7%	2	4.3%

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

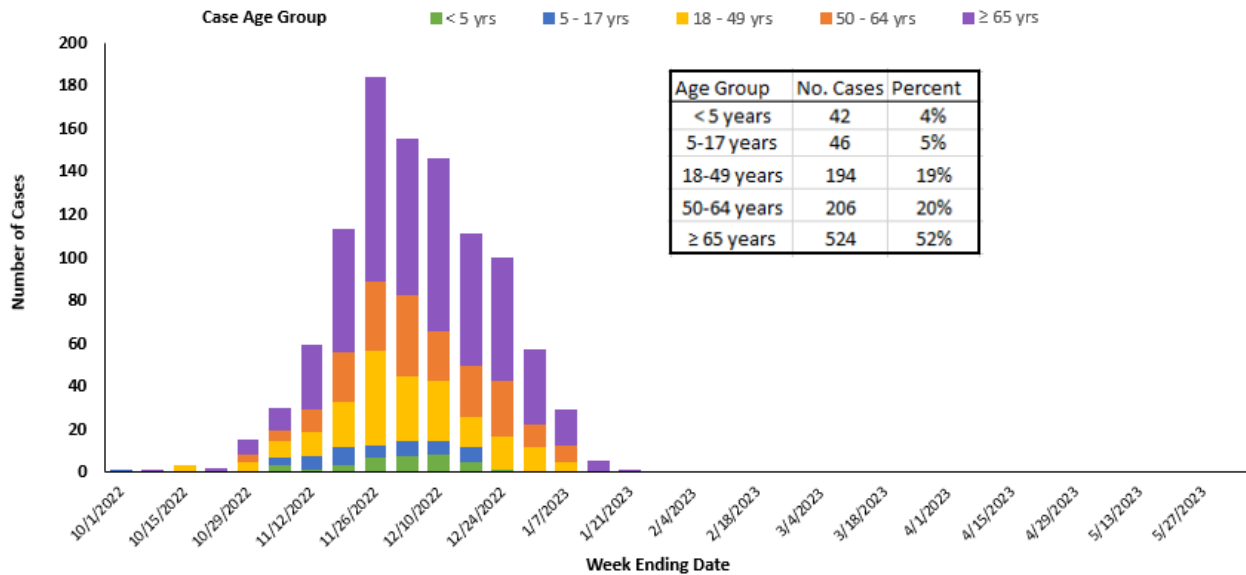


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



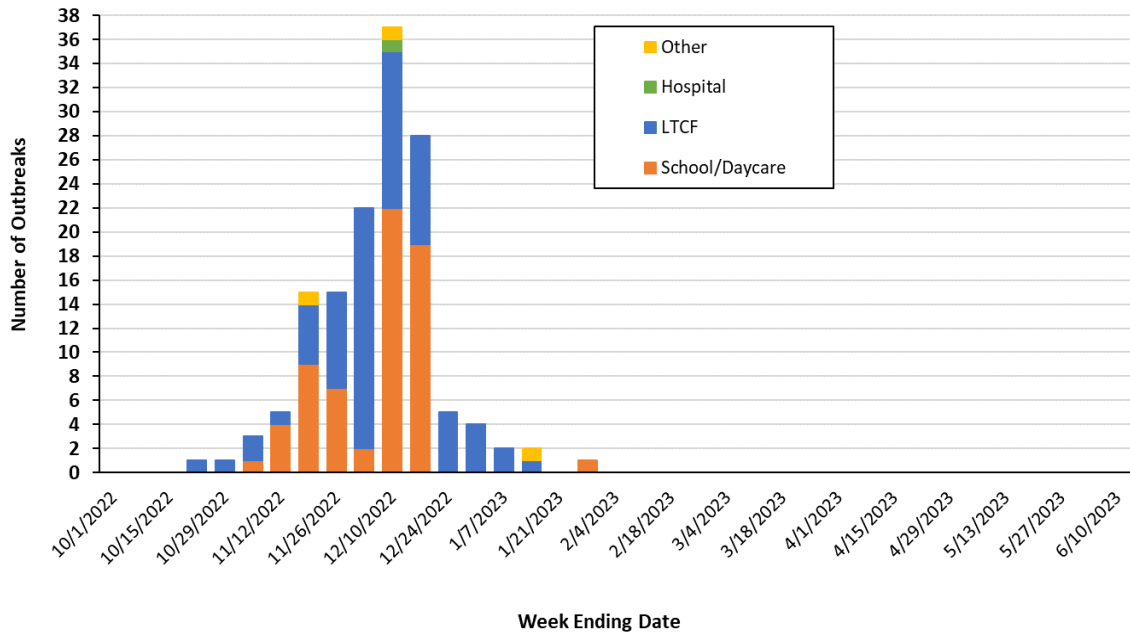
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 1 influenza-associated hospitalization occurred during week 4 of 2023. There have been 1012 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 55.0 per 100,000 people.

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



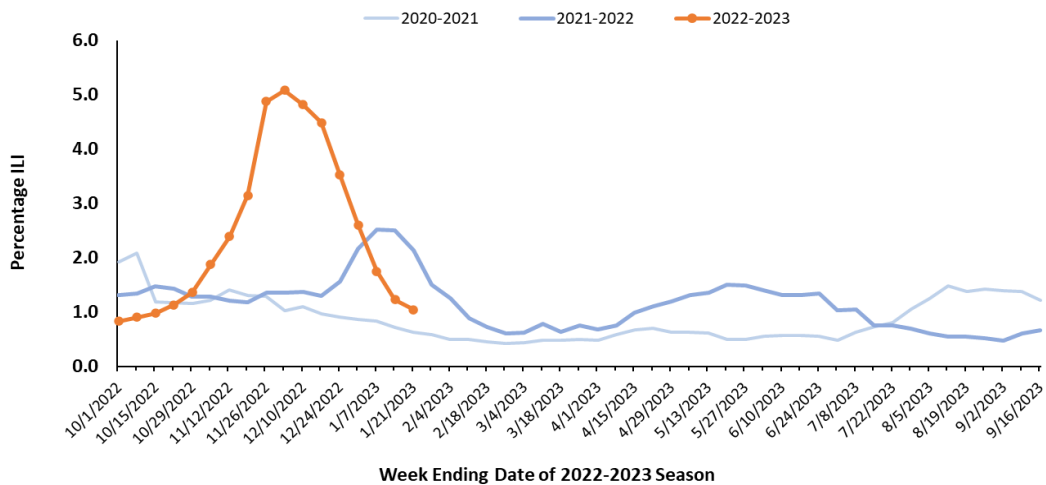
Influenza Outbreaks: One influenza outbreak was reported during week 4. To date during the 2022–2023 season, 141 outbreaks have been reported.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.1% during week 4, 2023.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



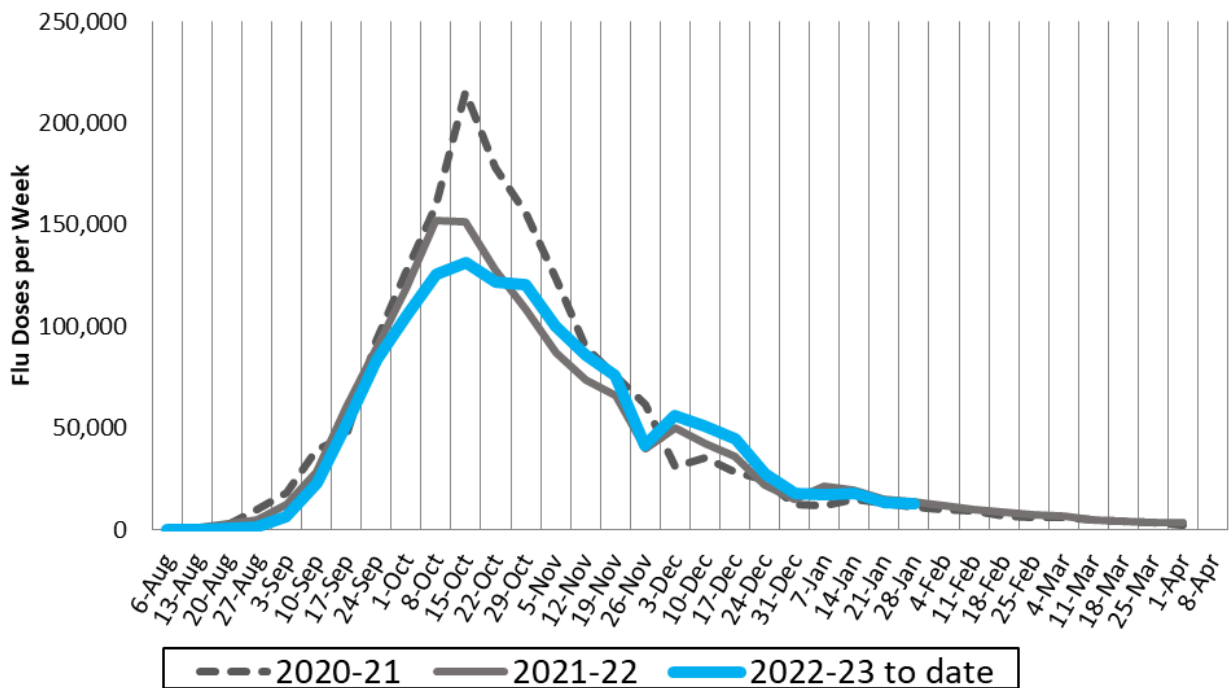
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 4, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

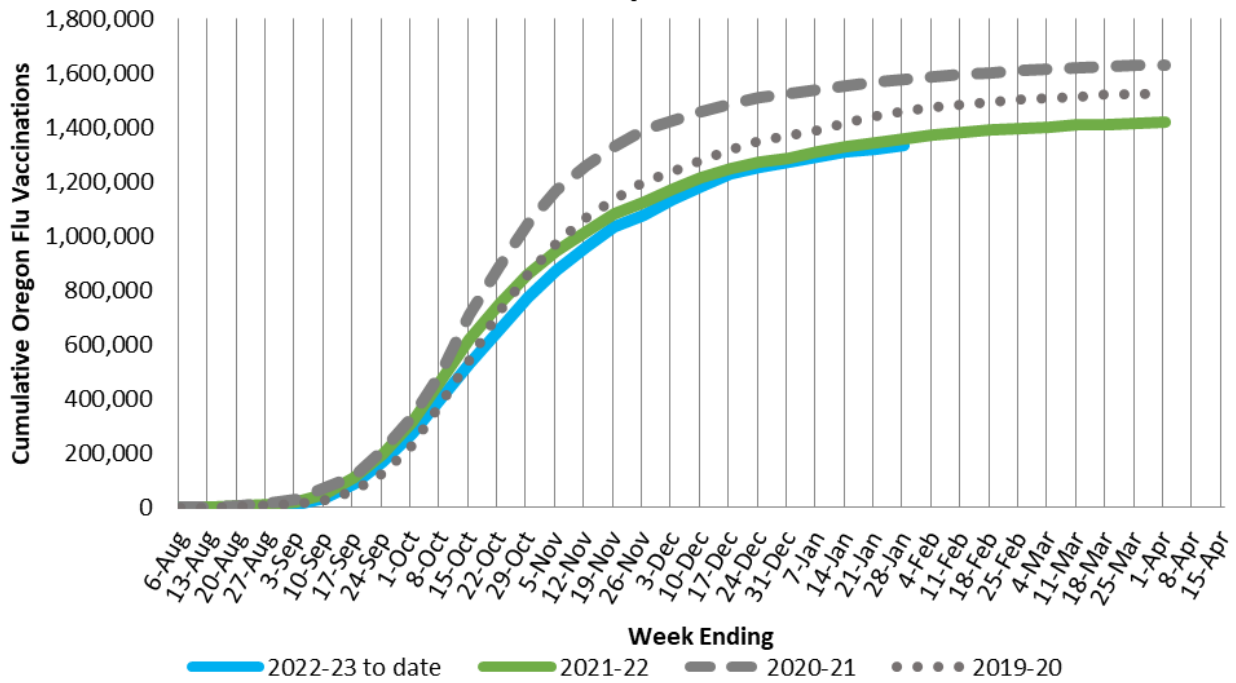
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.34 million reported influenza immunizations for Oregon residents, as compared to 1.36 million in 2021-22 at this time, or 1.58 million in 2020-21.

OIP in past FluBites has presented charts showing ongoing disparities in influenza immunization among minority groups in Oregon, particularly for Black and Latinx populations. For this week, we are presenting data on senior influenza immunizations by race and ethnicity. In contrast to the lack of progress in overall population disparities, among seniors there is an increase in influenza immunizations among senior minority populations from 2020-21 to 2022-23. In the chart below, 'NHPI' stands for Native Hawaiian/Pacific Islander, and 'AIAN' is for American Indian/Alaskan Native.

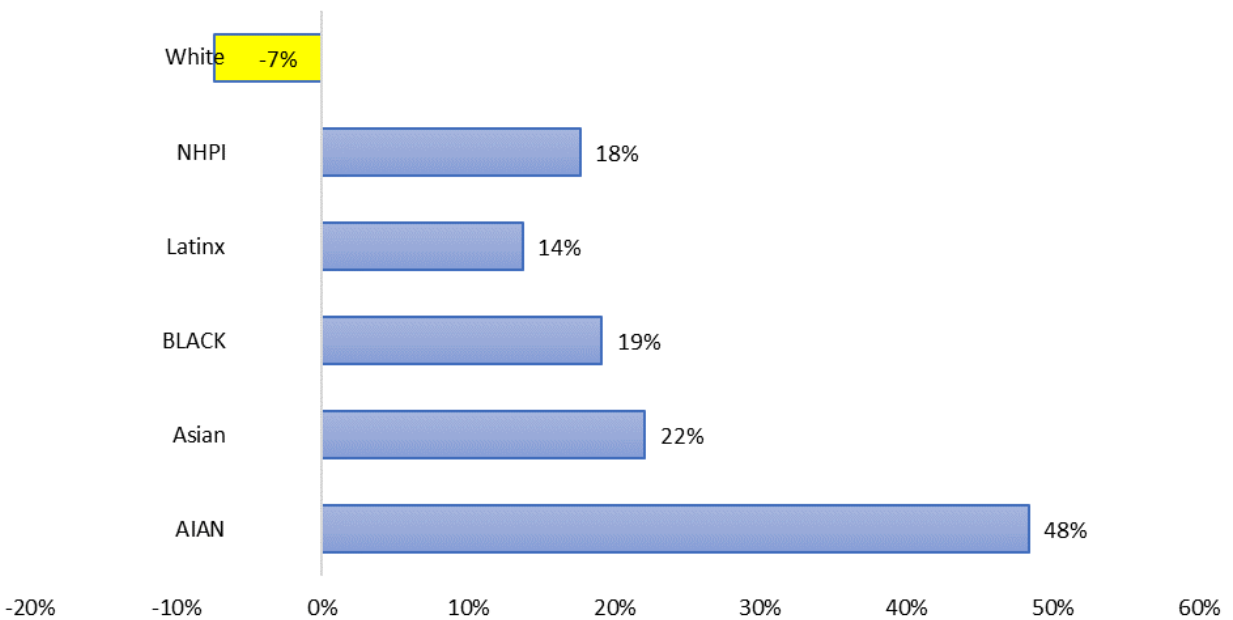
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



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



Change in Number of Influenza Immunizations for Oregon Seniors Age 65+, from 2020-21 to 2022-23



US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 2.1% 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](#)

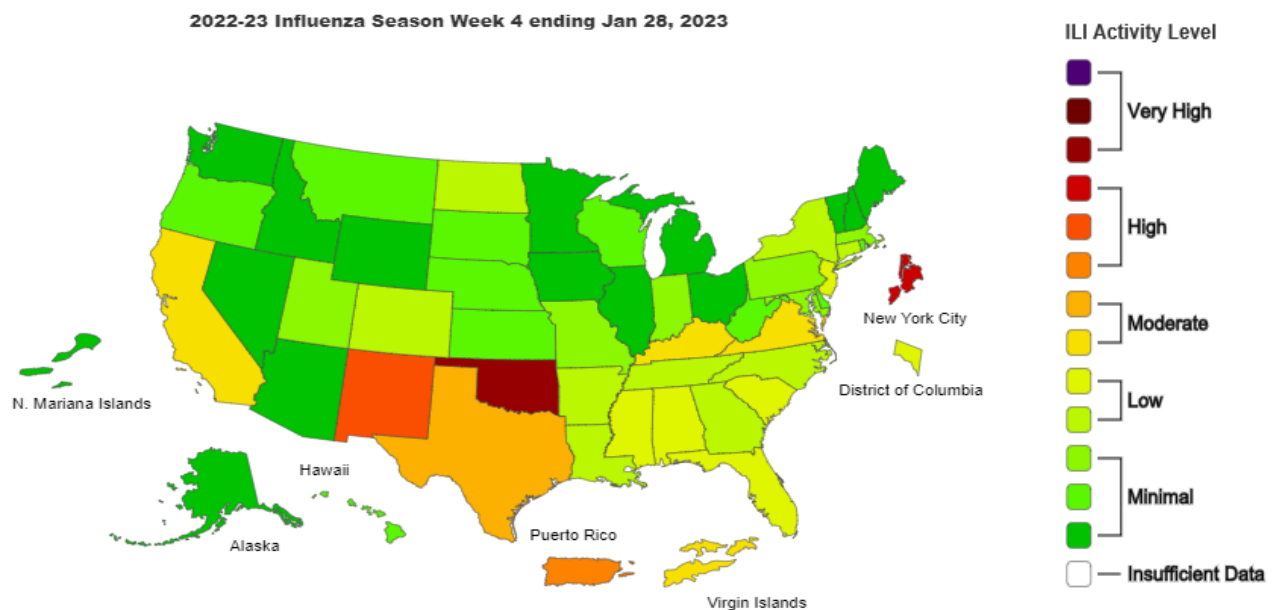
Illness

- **ILINet Outpatient Illness:** Nationwide during week , 2.6% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week 1 jurisdictions experienced high or very high activity, 3 jurisdictions experienced moderate activity, and 5 jurisdictions experienced moderate activity
- **Long-term Care Facilities:** This week, 1.1% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 58.6 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,671 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 11.1% of the deaths that occurred this week were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.2% for this week.
- **Pediatric Deaths:** 6 influenza related deaths were reported this week, 97 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>

Oregon Public Health Division

Published January 27th, 2023

Data at a Glance January 15, 2023—January 21, 2023 (Week 3)

	Current Week (3)	Previous Week (2)
Percentage positive influenza tests¹	1.8%	2.8%
Portland tri-county influenza-associated hospitalizations^{2*}	5	18
Reported influenza outbreaks³	0	2
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.0%	1.2%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

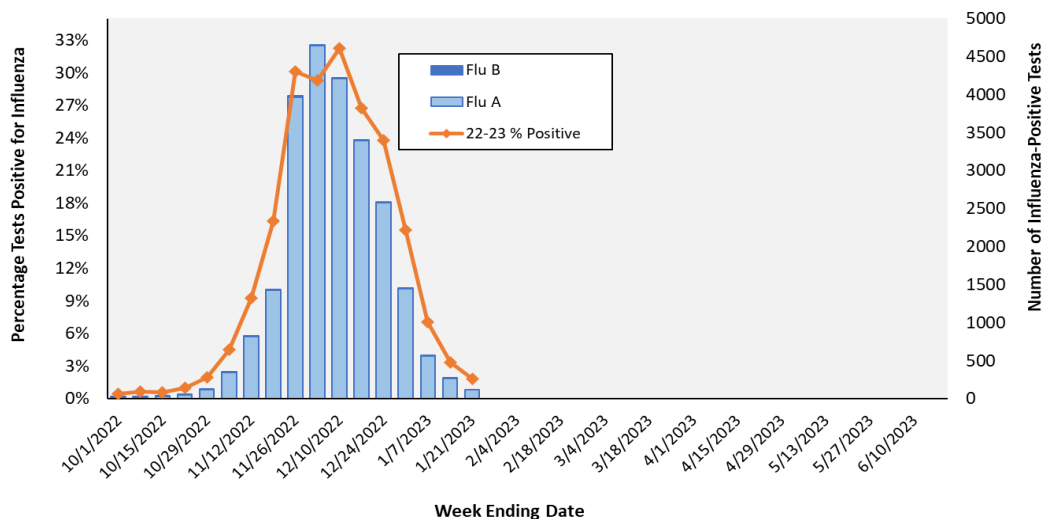
³Based on reports made to the Oregon Health Authority

⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

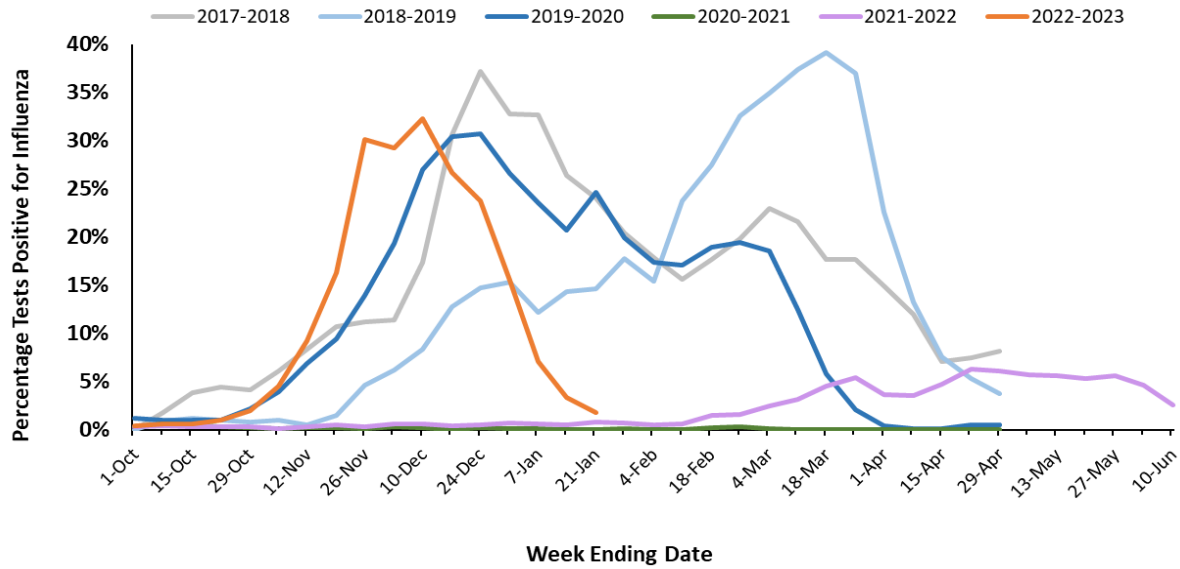
Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States.

Region	Positive Total Tests			Flu A		Flu B	
	No.	(%)	No.	(%)	No.	(%)	
Portland Metro	3840	71 1.8%	71	100.0%	0	0.0%	
Southern Oregon	1127	9 0.8%	9	100.0%	0	0.0%	
Columbia Gorge	321	9 2.8%	9	100.0%	0	0.0%	
Central Oregon	721	26 3.6%	26	100.0%	0	0.0%	
Willamette Valley	396	3 0.8%	3	100.0%	0	0.0%	
State Total	6405	118 1.8%	118	100.0%	0	0.0%	

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

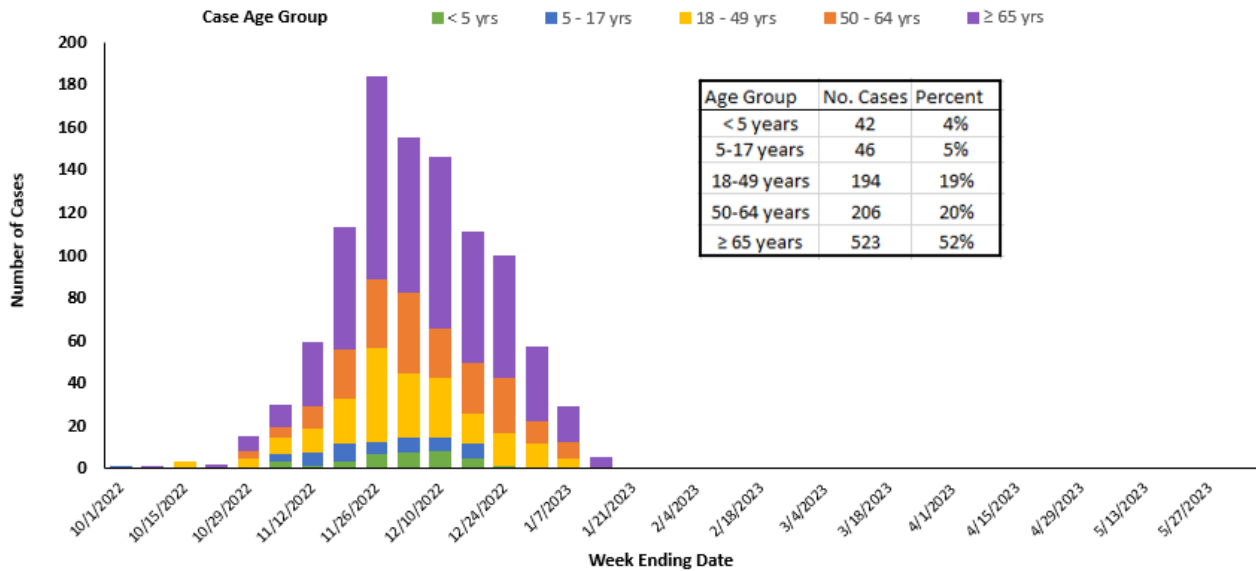


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

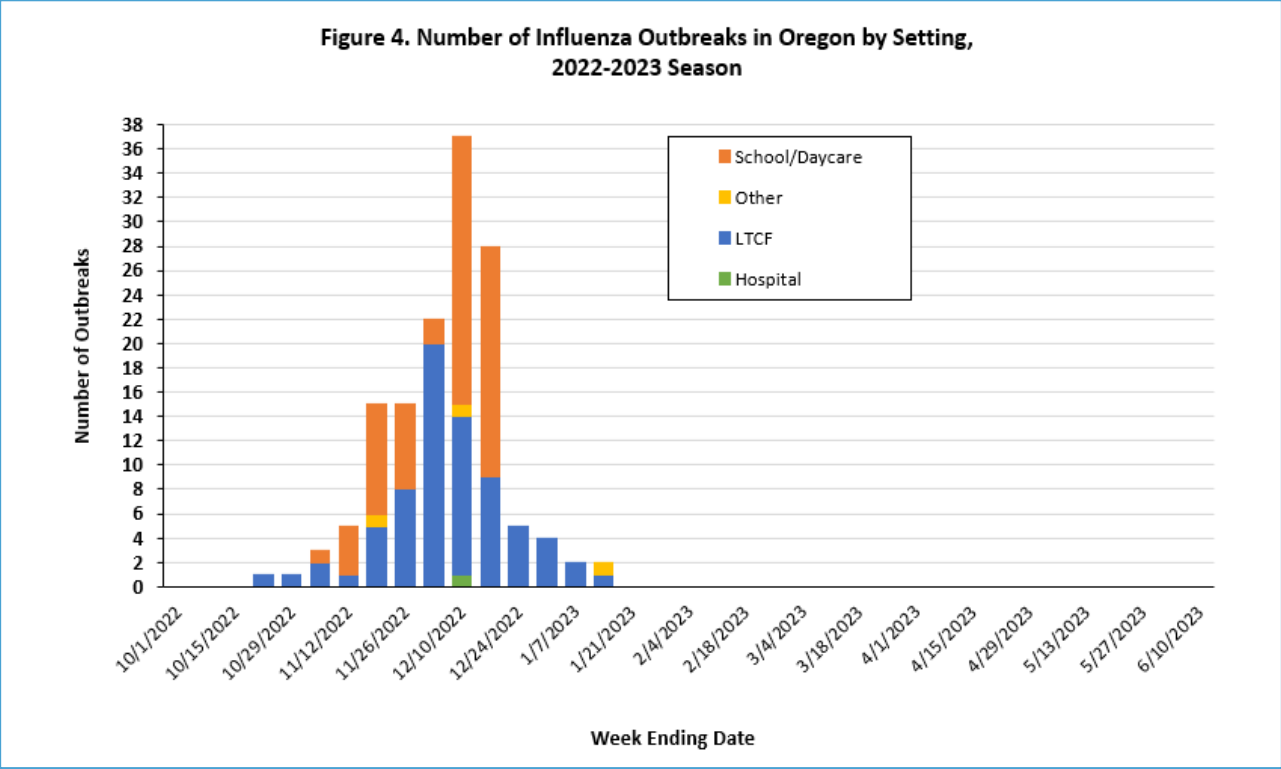


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 5 influenza-associated hospitalizations occurred during week 3 of 2023. There have been 1011 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 54.9 per 100,000 people.

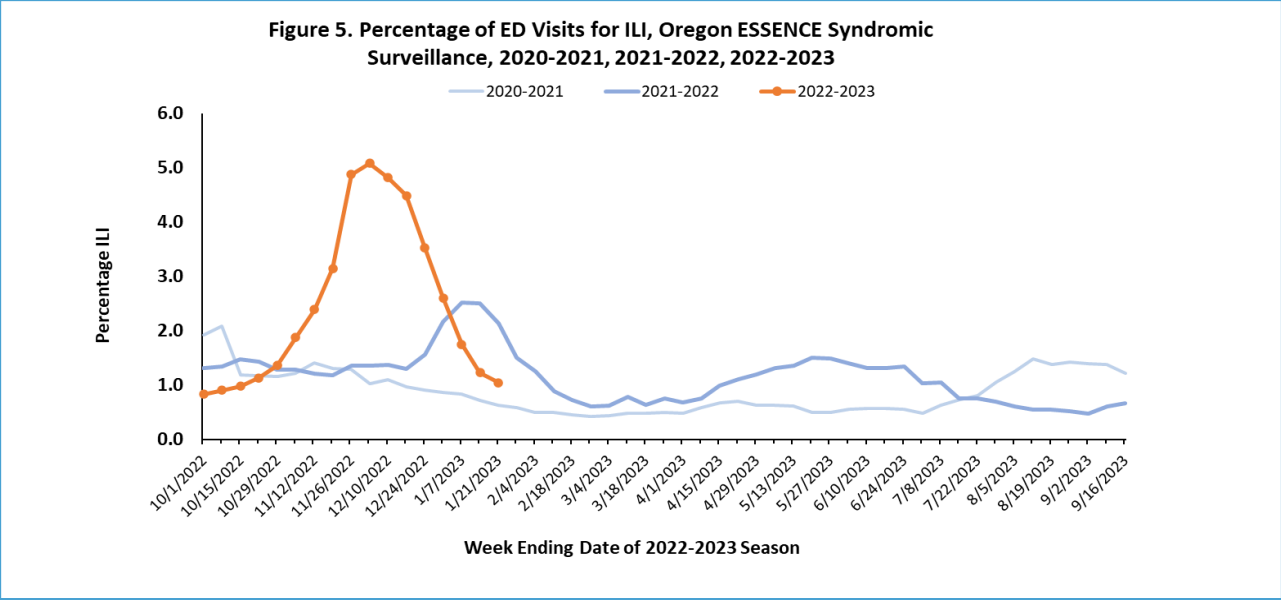
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: There were 0 influenza outbreaks reported during week 3, 2023, there have been 140 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 1.0% during week 3, 2023.



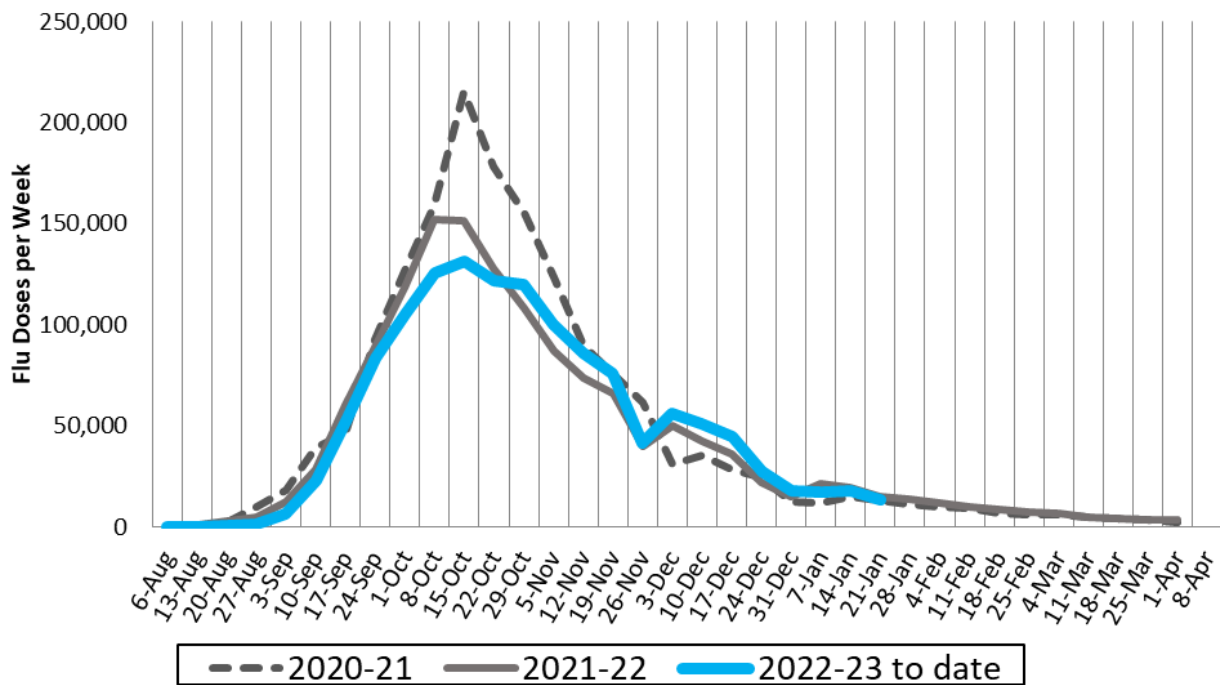
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 3, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

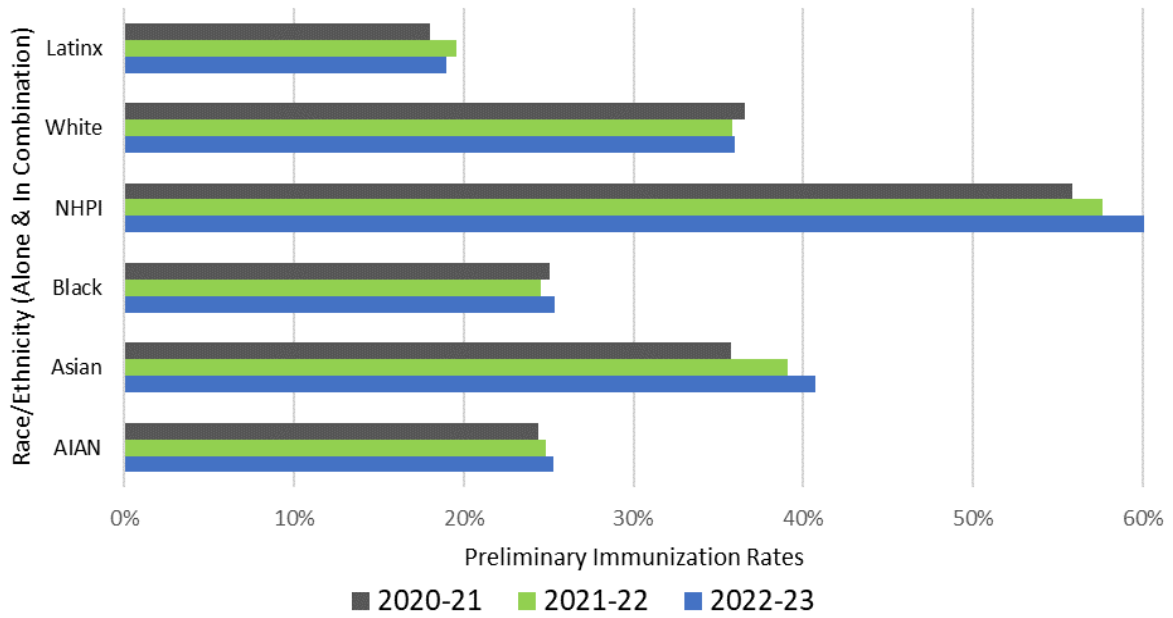
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.33 million reported influenza immunizations for Oregon residents, as compared to 1.35 million in 2021-22 at this time, or 1.57 million in 2020-21.

OIP also tracks disparities in influenza immunization by race and ethnicity. 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. Rates in this chart are potentially biased upward by several percentage points based on having more than one race/ethnicity in ALERT IIS. 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



Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity



Oregon Public Health Division

Published January 20th, 2023

Data at a Glance January 08, 2023—January 14, 2023 (Week 2)

	Current Week (2)	Previous Week (1)
Percentage positive influenza tests¹	2.8%	7.1%
Portland tri-county influenza-associated hospitalizations^{2*}	18	51
Reported influenza outbreaks³	2	2
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.2%	1.8%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

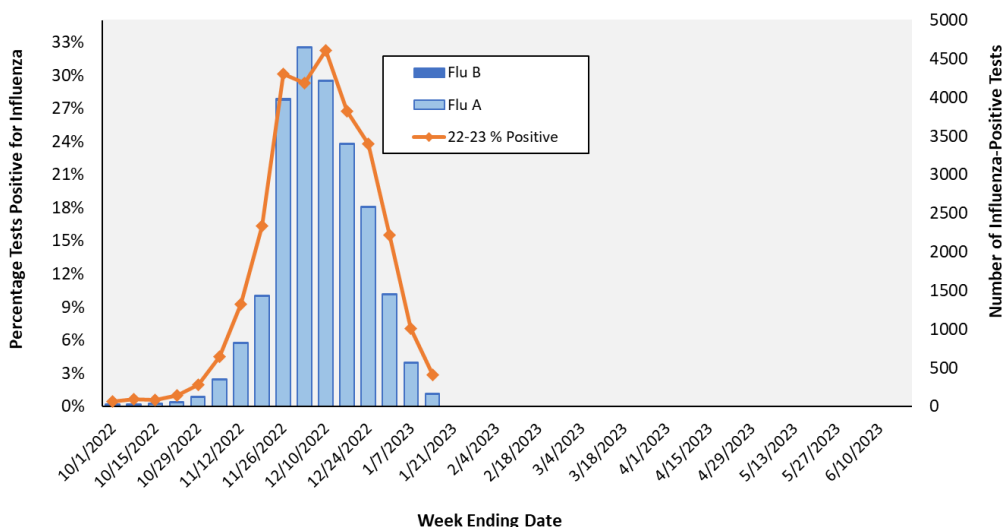
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

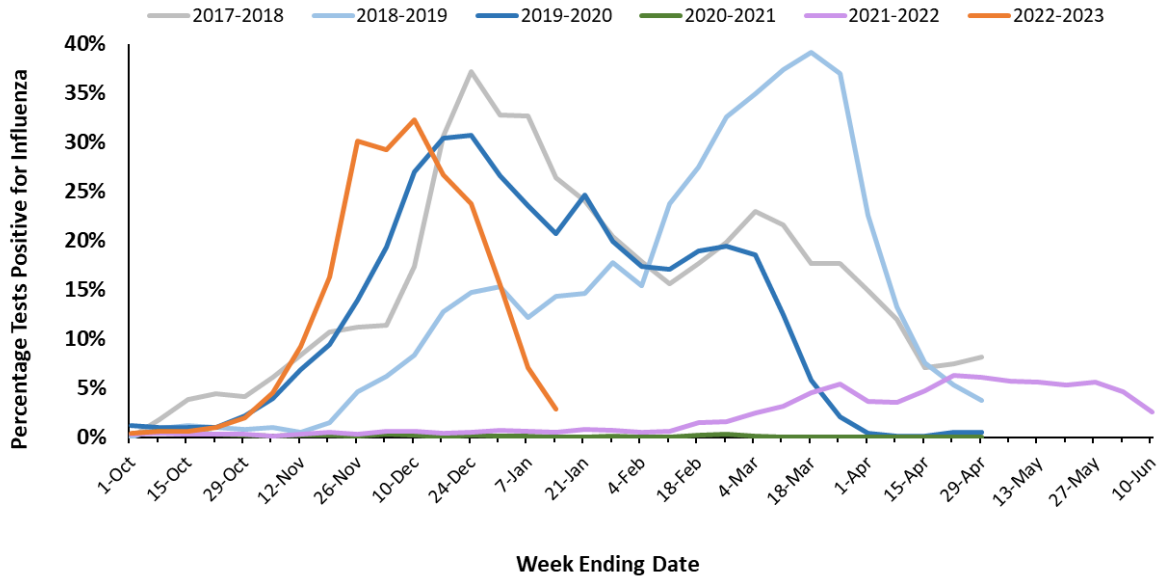
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	No.		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2396	65	2.7%	64	98.5%	1	1.5%
Southern Oregon	1213	20	1.6%	20	100.0%	0	0.0%
Columbia Gorge	243	9	3.7%	9	100.0%	0	0.0%
Central Oregon	895	41	4.6%	41	100.0%	0	0.0%
Willamette Valley	657	19	2.9%	18	94.7%	1	5.3%
State Total	5404	154	2.8%	152	98.7%	2	1.3%

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

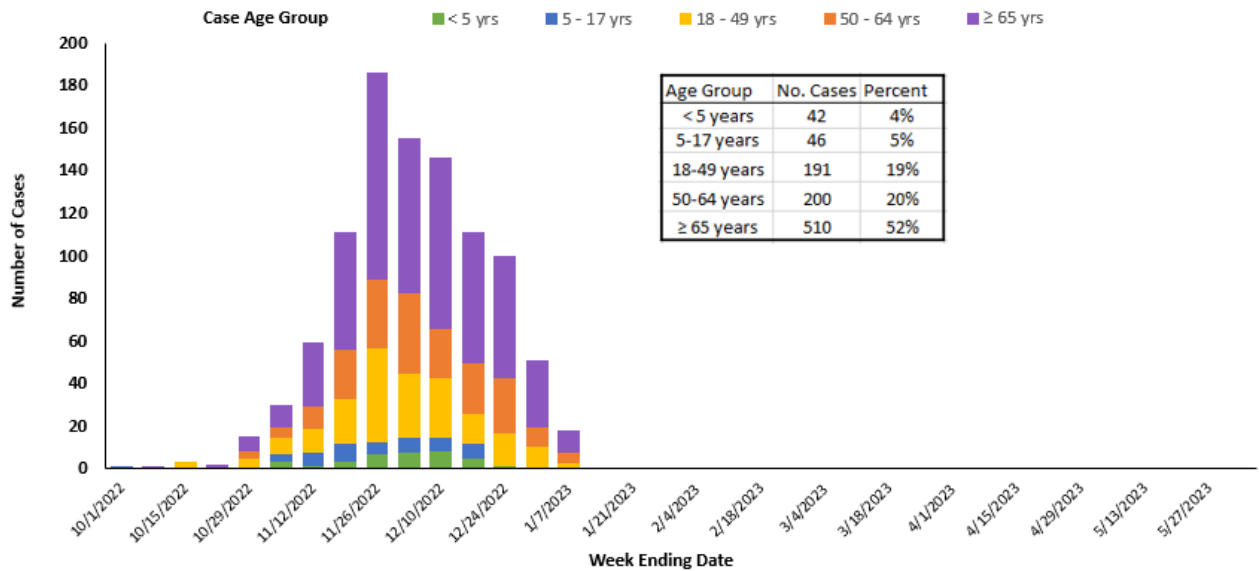


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

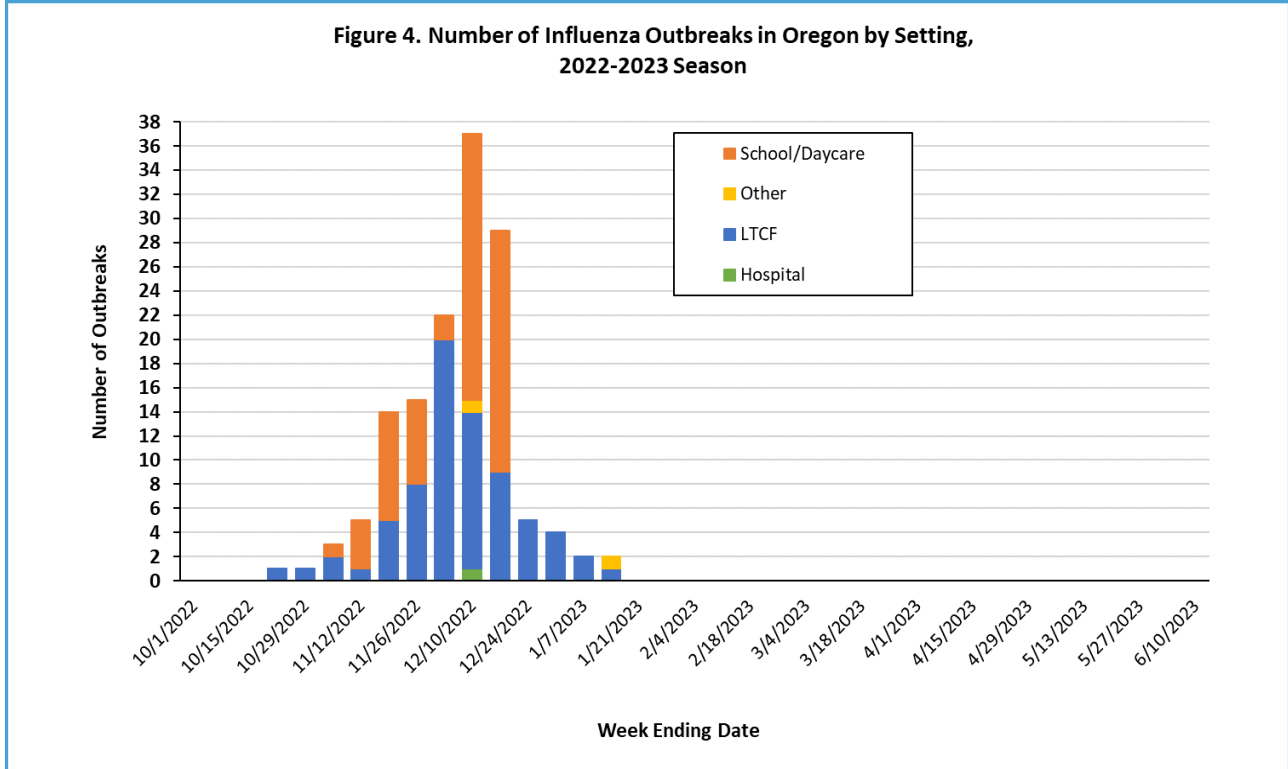


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 18 influenza-associated hospitalizations occurred during week 2 of 2023. There have been 989 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 53.7 per 100,000 people.

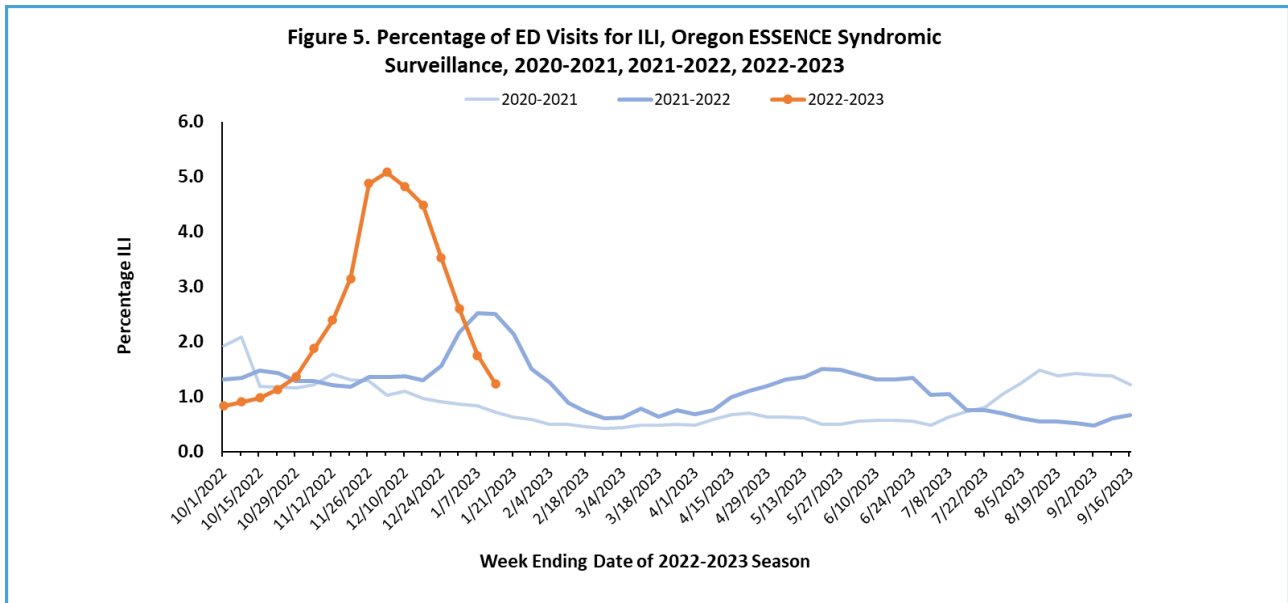
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: There were 2 influenza outbreaks reported during week 2, 2023, there have been 133 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 1.2% during week 2, 2023.



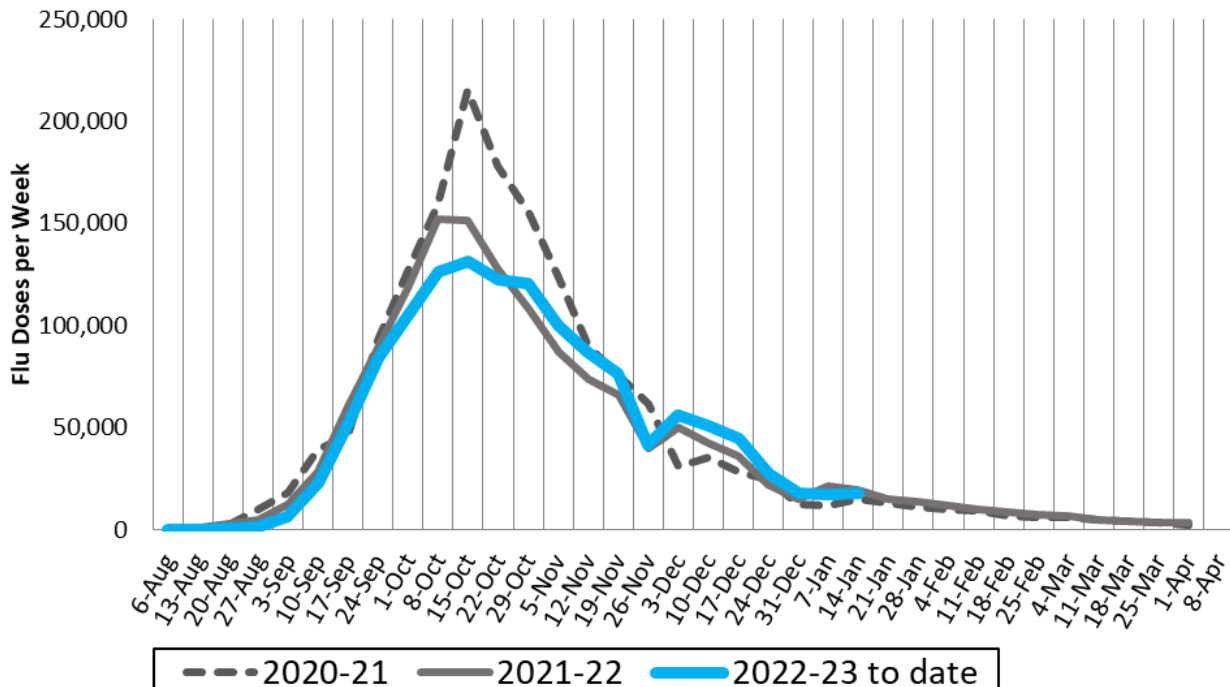
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 2, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

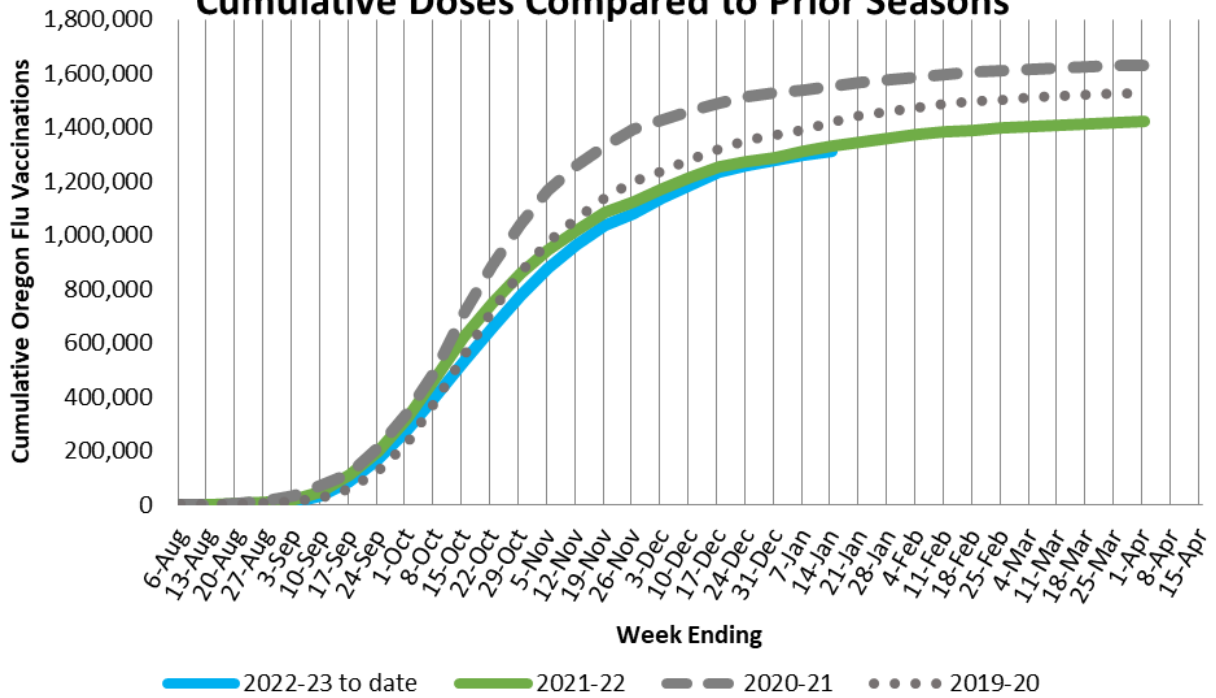
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.32 million reported influenza immunizations for Oregon residents. Currently the rate of new influenza immunizations going into January is similar to the prior two seasons.

A topic of concern is the decline of influenza immunizations among Oregon children in the last two flu seasons. Child influenza immunizations dropped by 24% from 2020-21 to 2021-22. For the current season, child influenza immunizations have dropped another 5% compared to 2021-22. Overall across the last two seasons child influenza immunizations have dropped by 29%- with cumulative declines of 29% for younger children age 6 months to 6 years, 30% for children age 7 to 12 years, and 28% among adolescents age 13 to 17 years.

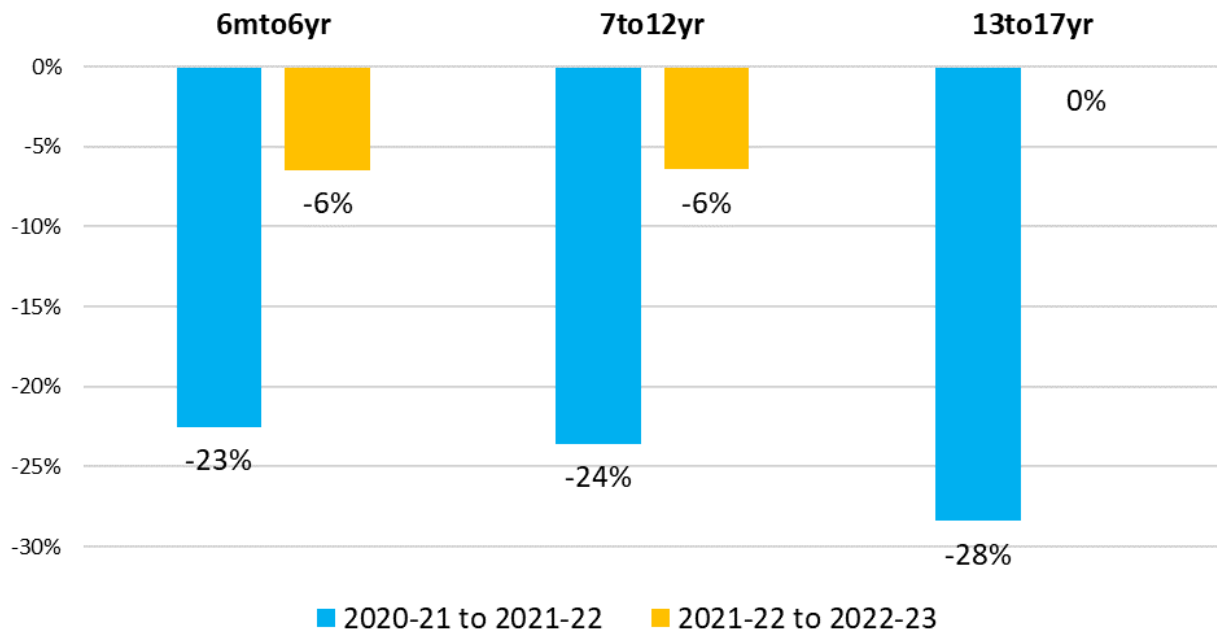
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



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



Declines in Oregon Childhood Influenza Immunizations by Age Across the Last 3 Seasons



US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 4.6% 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

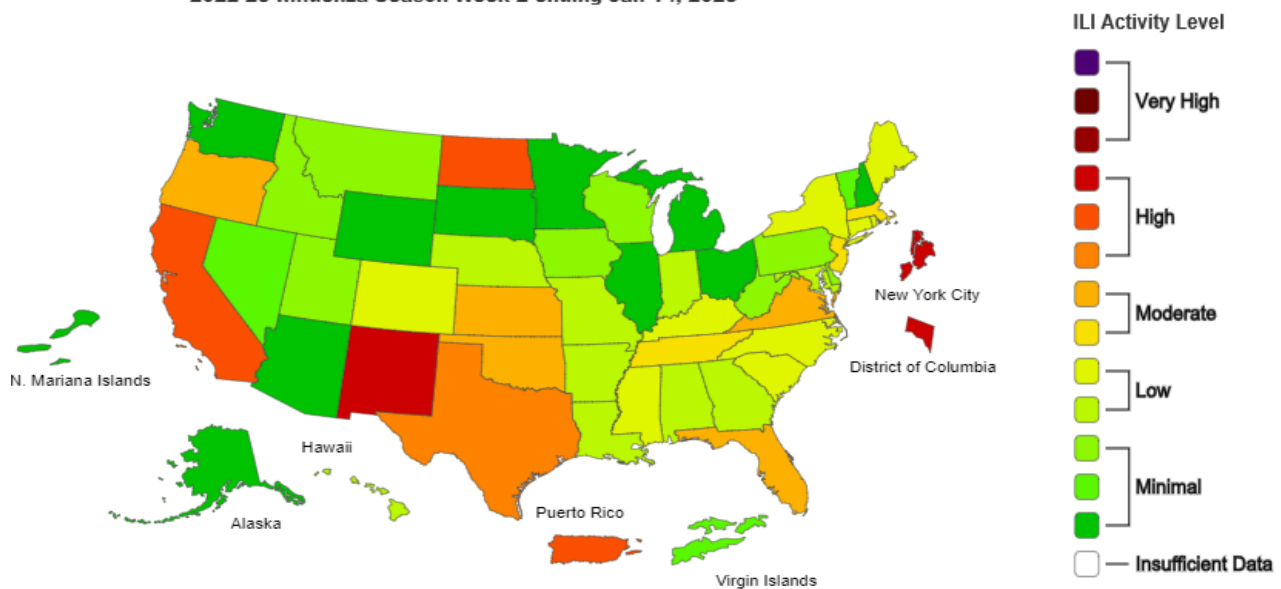
- **ILINet Outpatient Illness:** Nationwide during week 2, 3.0% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 7 jurisdictions experienced high or very high activity and 8 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 2.8% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 56.7 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 6,367 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 13.1% of the deaths that occurred this week were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.1% for this week.
- **Pediatric Deaths:** 7 influenza related deaths were reported this week, 85 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

2022-23 Influenza Season Week 2 ending Jan 14, 2023



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>

Oregon Public Health Division

Published January 13th, 2023

Data at a Glance January 01, 2023—January 07, 2023 (Week 1)

	Current Week (1)	Previous Week (52)
Percentage positive influenza tests¹	7.1%	15.6%
Portland tri-county influenza-associated hospitalizations^{2*}	41	99
Reported influenza outbreaks³	2	4
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.8%	2.6%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

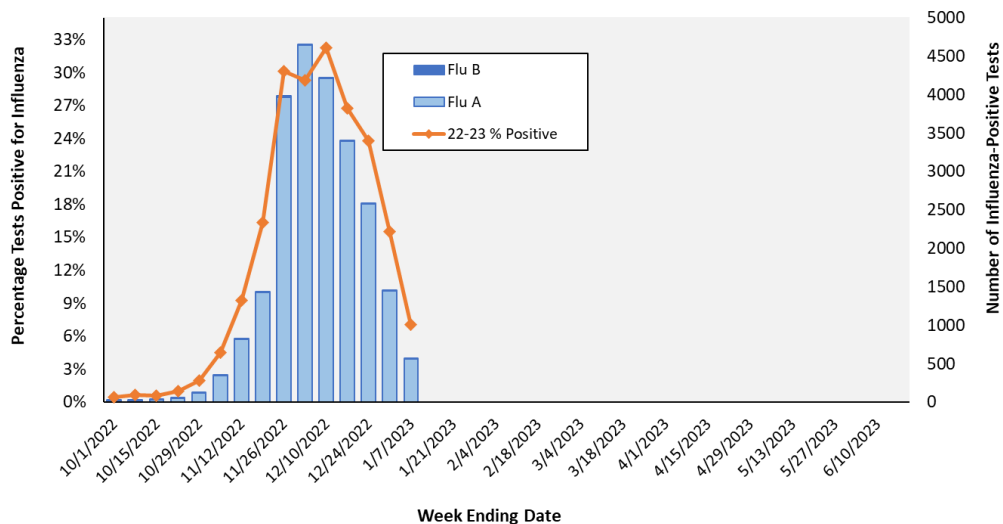
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

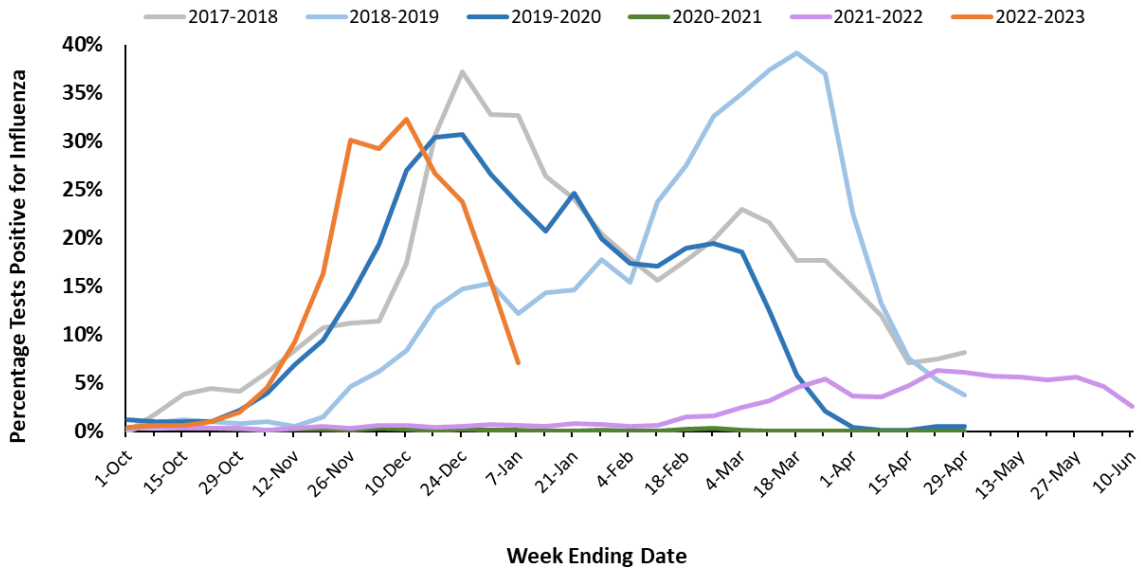
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests			Flu A		Flu B	
	No.	(%)	No.	(%)	No.	(%)	
Portland Metro	4507	7.2%	326	99.7%	1	0.3%	
Southern Oregon	1332	7.4%	98	100.0%	0	0.0%	
Columbia Gorge	399	7.5%	30	100.0%	0	0.0%	
Central Oregon	843	8.7%	73	100.0%	0	0.0%	
Willamette Valley	882	4.0%	35	94.3%	2	5.7%	
State Total	7963	7.1%	562	99.5%	3	0.5%	

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

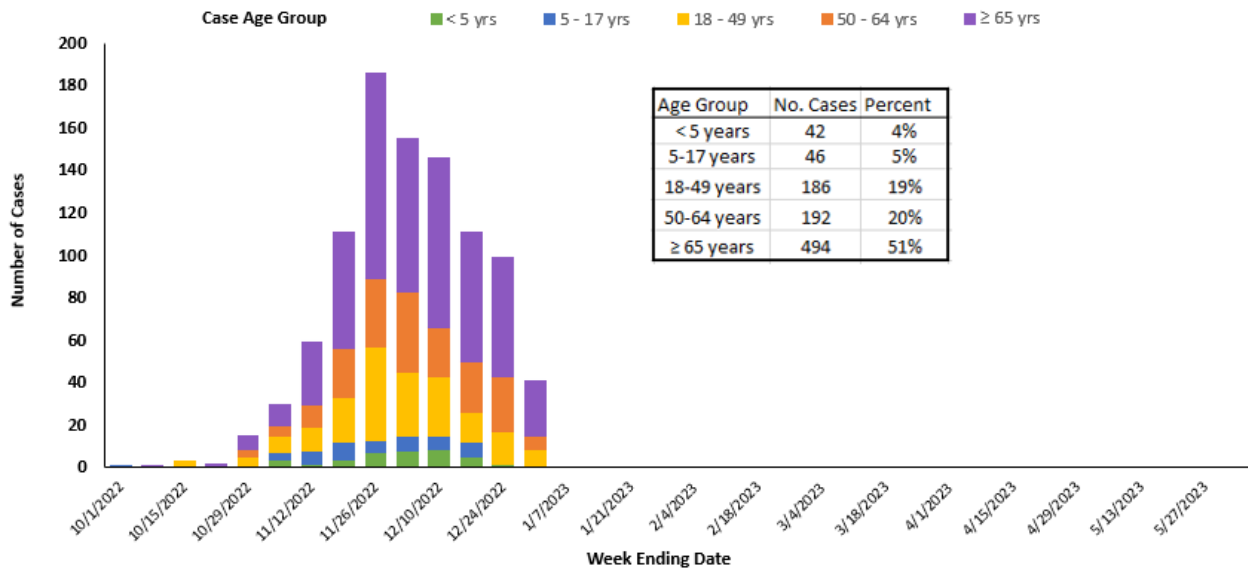


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

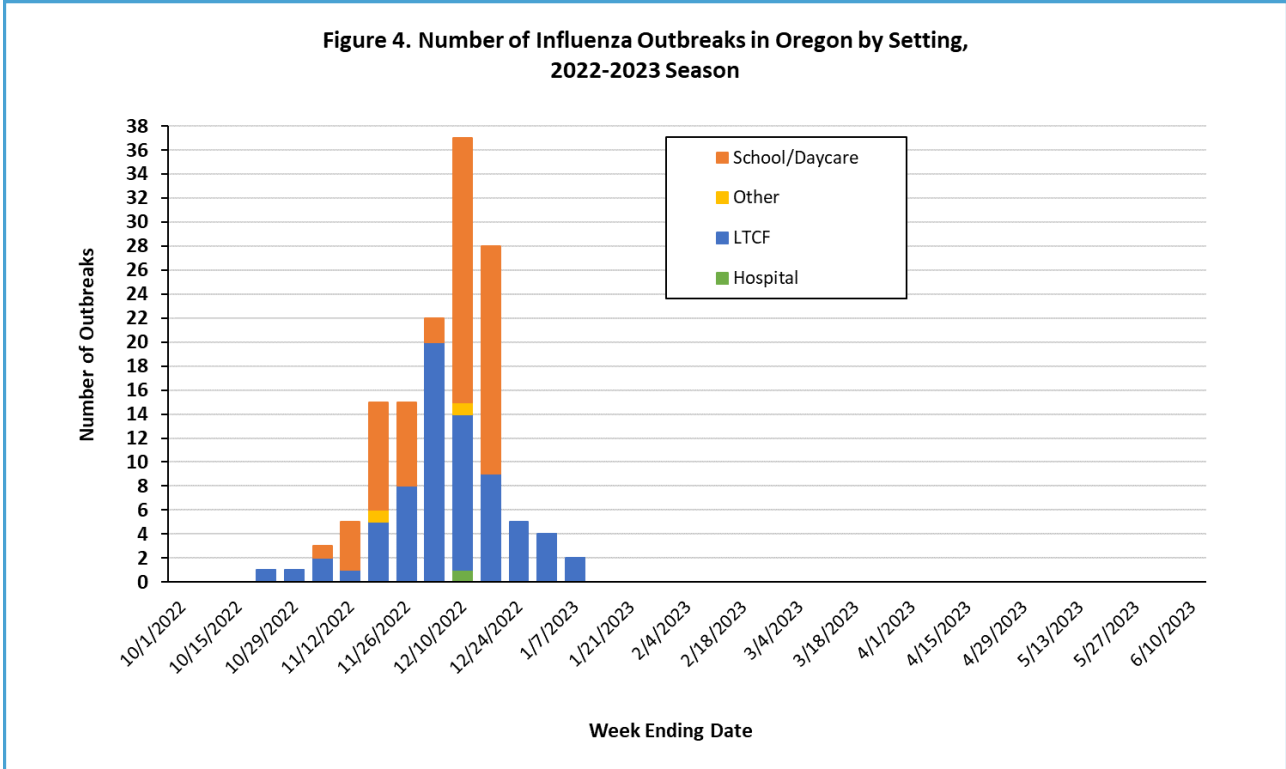


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 44 influenza-associated hospitalizations occurred during week 1 of 2023. There have been 960 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 52.2 per 100,000 people.

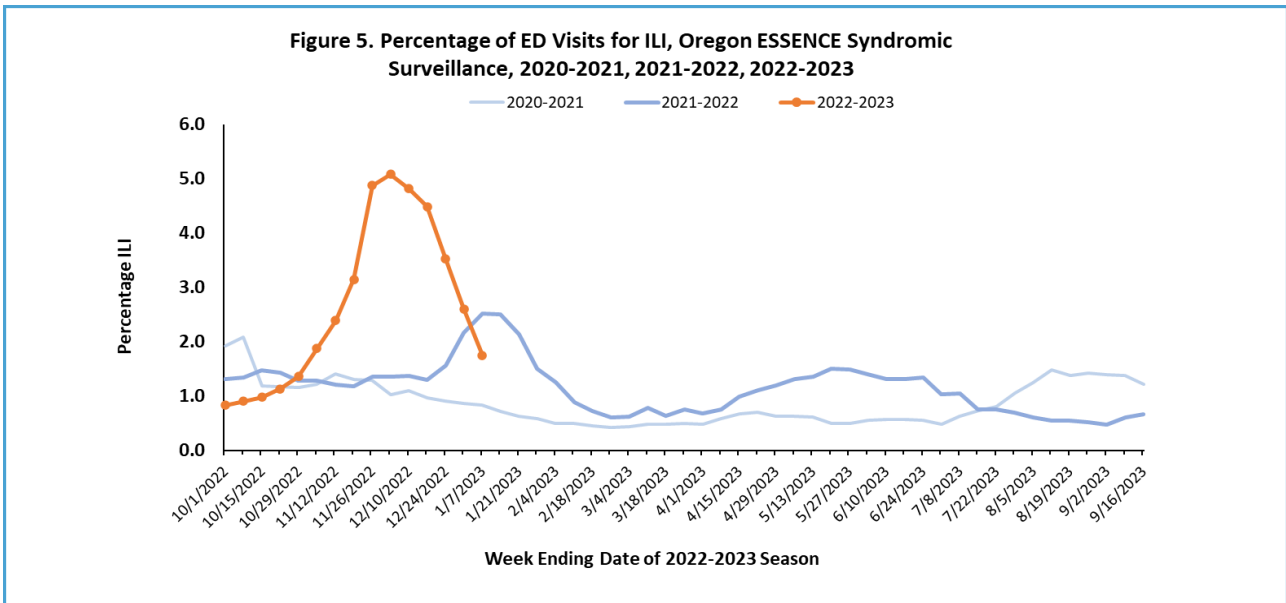
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: There were 2 influenza outbreaks reported during week 1, 2023, there have been 133 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 1.8% during week 1, 2023.



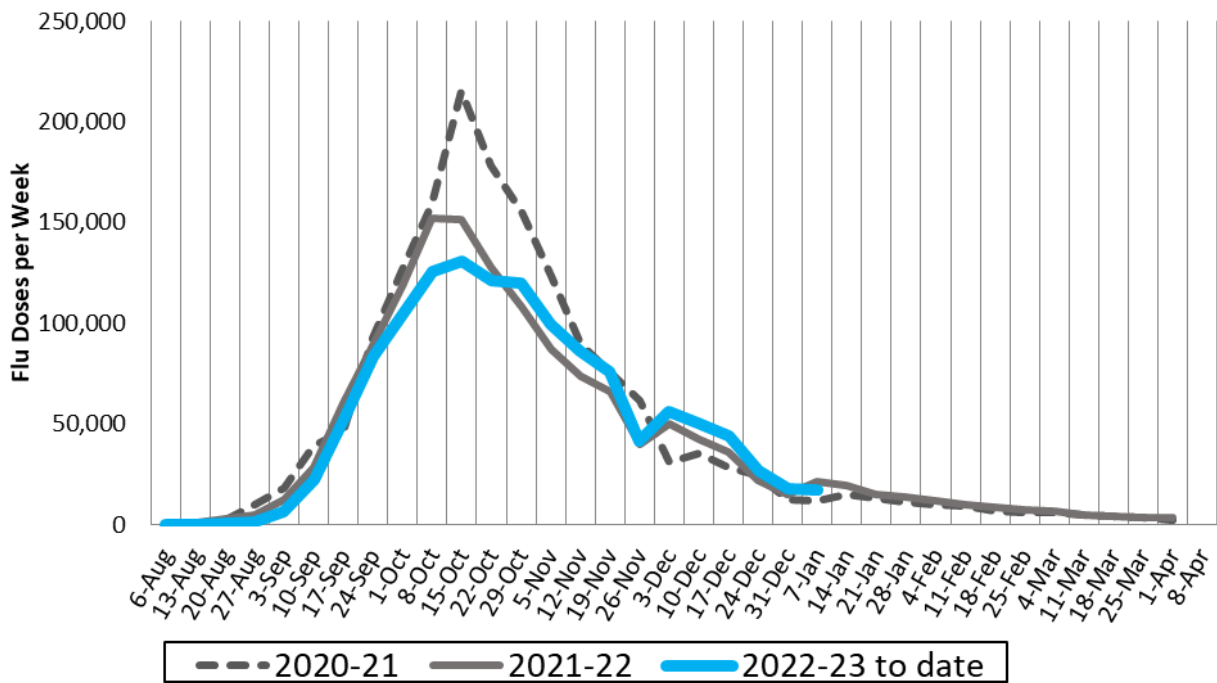
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 1, 2023, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

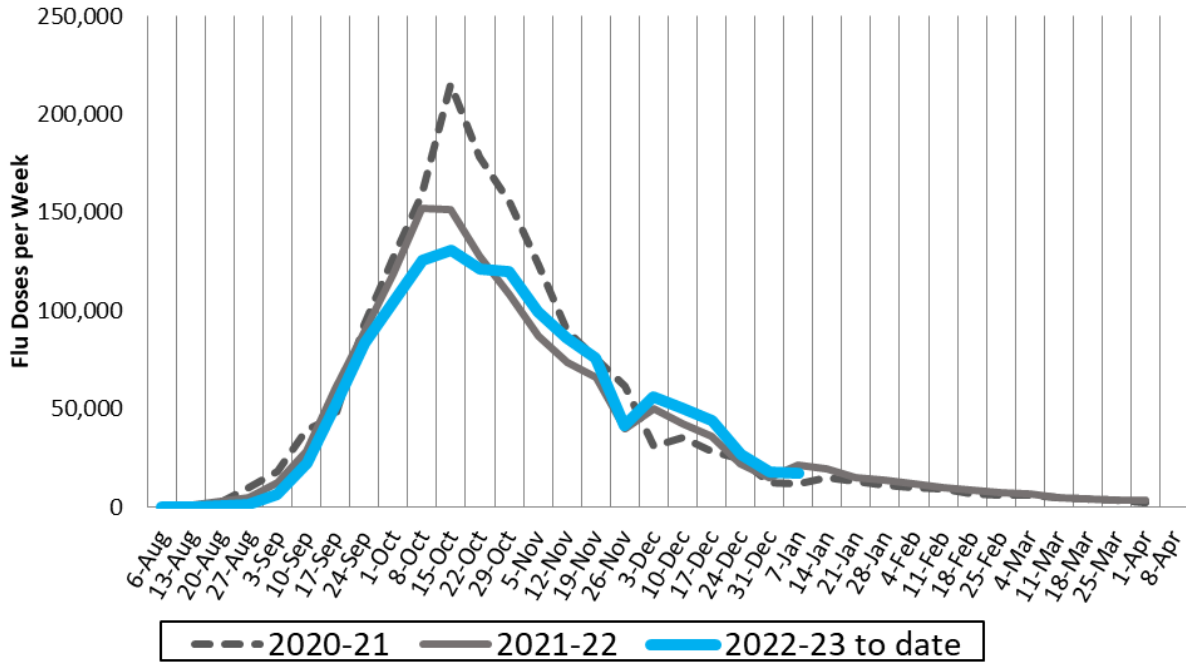
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.3 million reported influenza immunizations for Oregon residents. Currently the rate of new influenza immunizations going into January is similar to the prior two seasons.

OIP also tracks disparities in influenza immunization by race and ethnicity. 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. Rates in this chart are potentially biased upward by several percentage points based on having more than one race/ethnicity in ALERT IIS. 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.

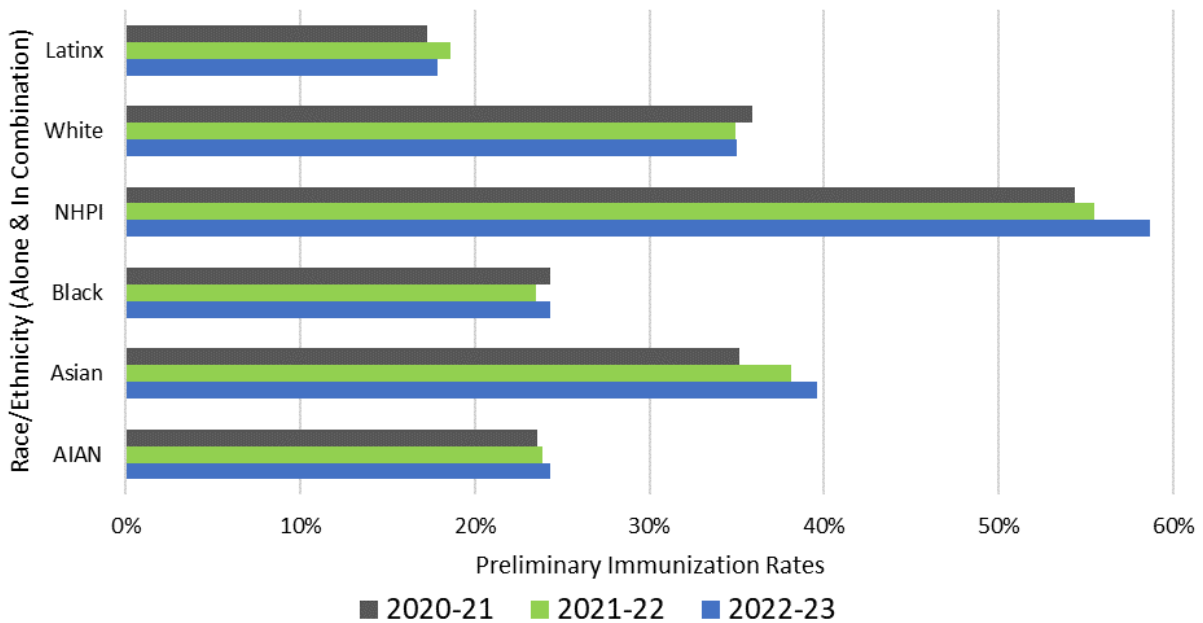
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



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



Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity



US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 8.6% 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](#)

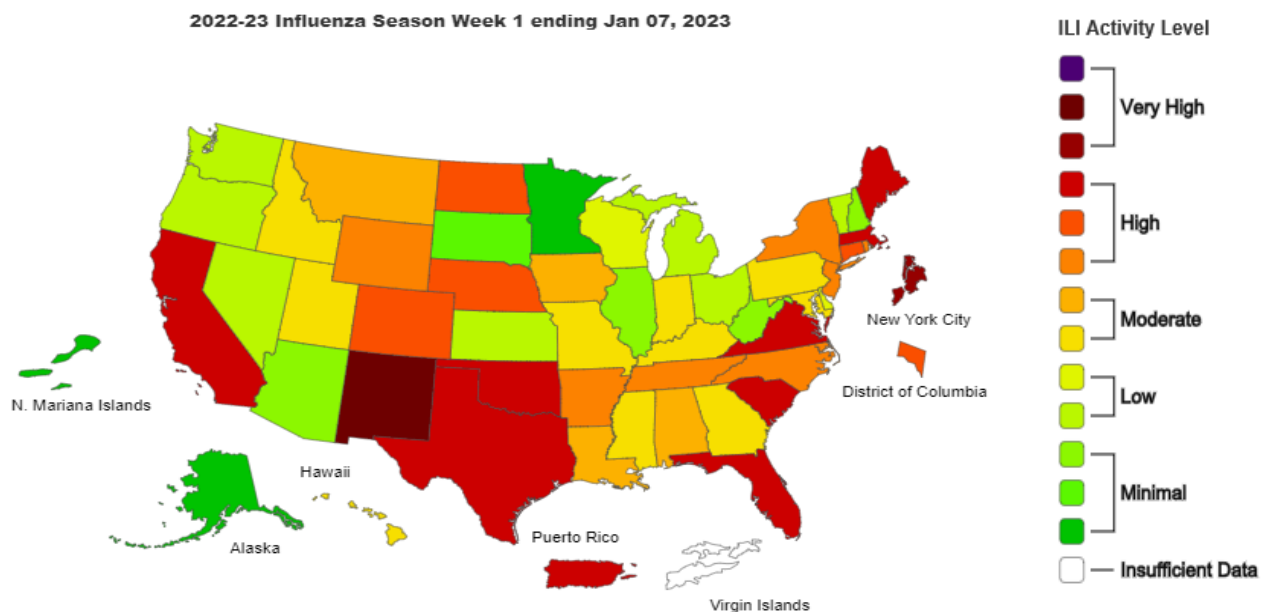
Illness

- **ILINet Outpatient Illness:** Nationwide during week 1, 4.0% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 23 jurisdictions experienced high or very high activity and 14 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 5.1% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 54.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 12,409 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 13.1% of the deaths that occurred this week were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 7.0% for this week.
- **Pediatric Deaths:** 5 influenza related deaths were reported this week, 79 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>

Oregon Public Health Division

Published January 6th, 2023

Data at a Glance December 25 2022—December 31, 2022 (Week 52)

	Current Week (52)	Previous Week (51)
Percentage positive influenza tests¹	15.6%	23.8%
Portland tri-county influenza-associated hospitalizations^{2*}	66	110
Reported influenza outbreaks³	4	5
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	2.6%	3.5%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

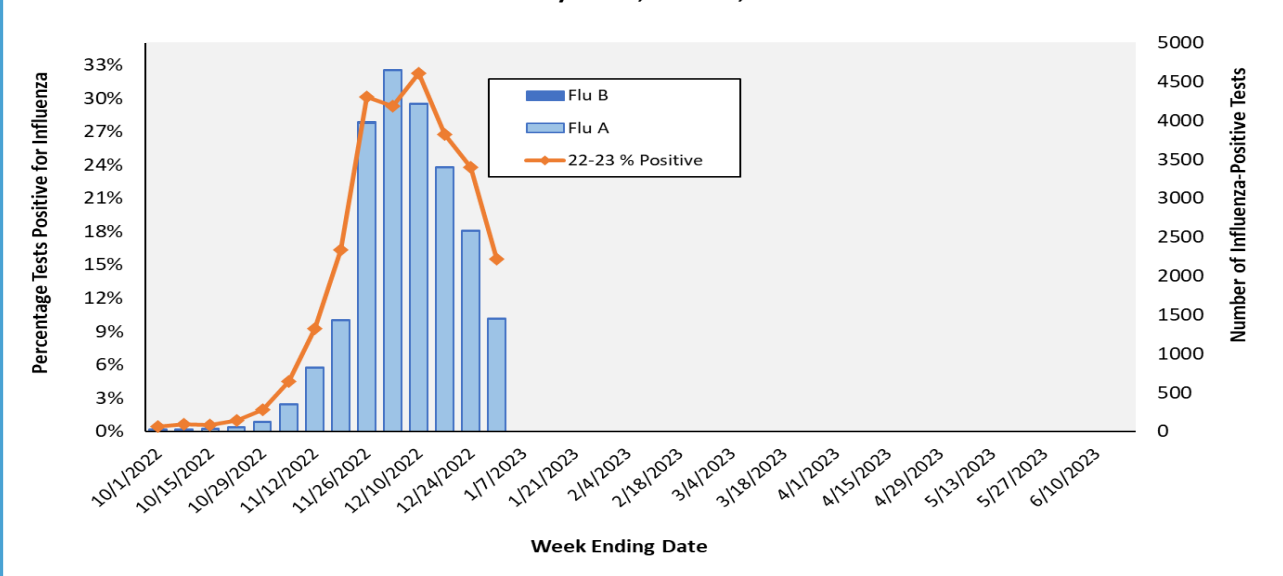
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

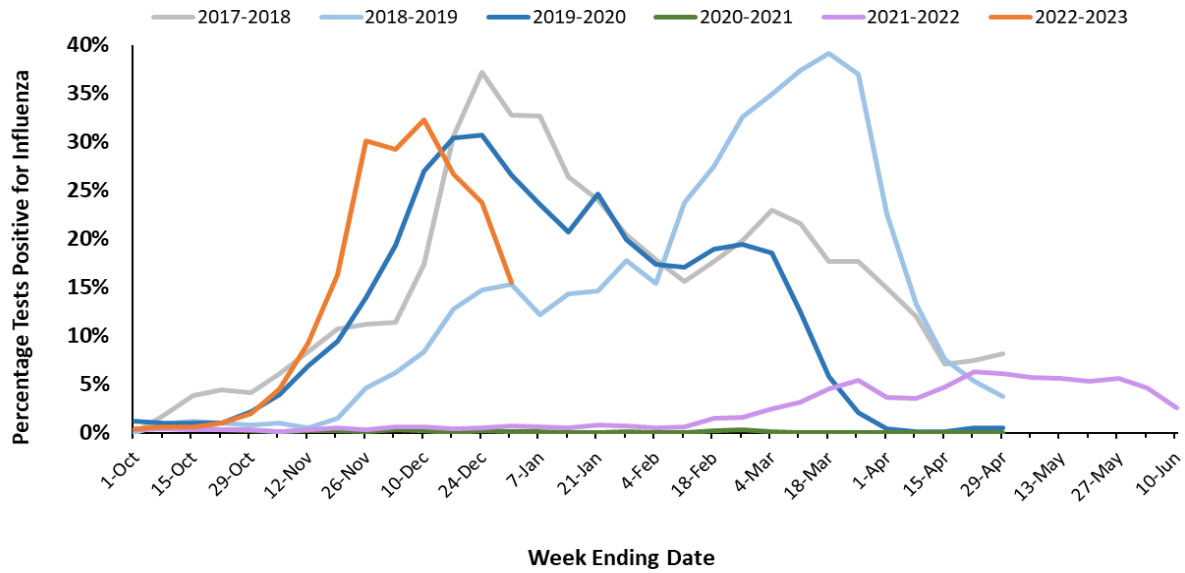
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive Total Tests	No.		Flu A		Flu B	
			(%)	No.	(%)	No.	(%)
Portland Metro	5144	803	15.6%	802	99.9%	1	0.1%
Southern Oregon	1853	273	14.7%	272	99.6%	1	0.4%
Columbia Gorge	256	62	24.2%	61	98.4%	1	1.6%
Central Oregon	1137	197	17.3%	197	100.0%	0	0.0%
Willamette Valley	932	115	12.3%	115	100.0%	0	0.0%
State Total	9322	1450	15.6%	1447	99.8%	3	0.2%

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

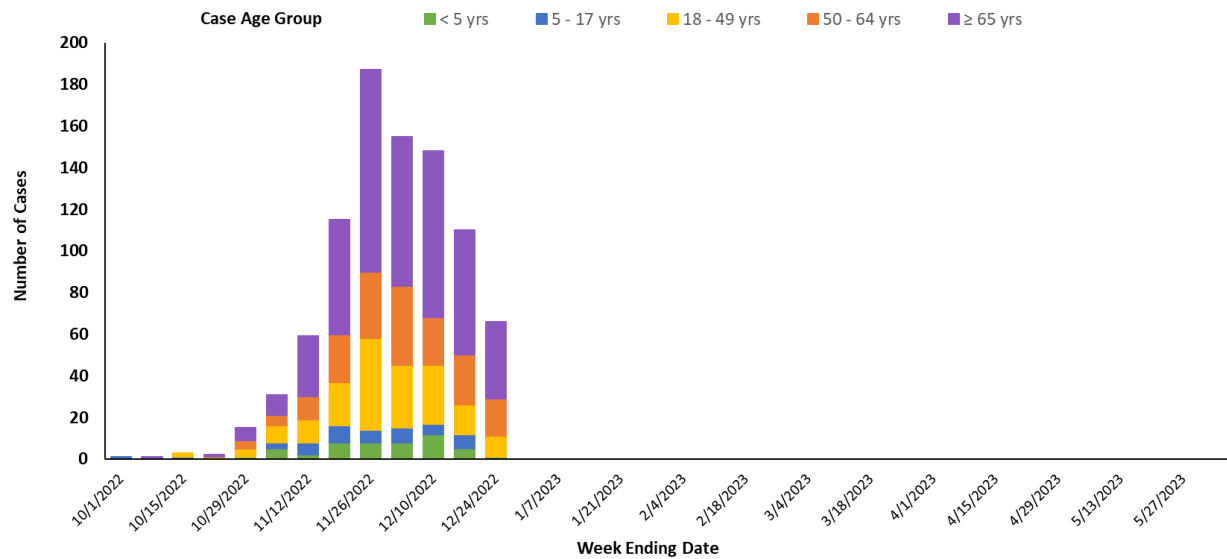


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVS**



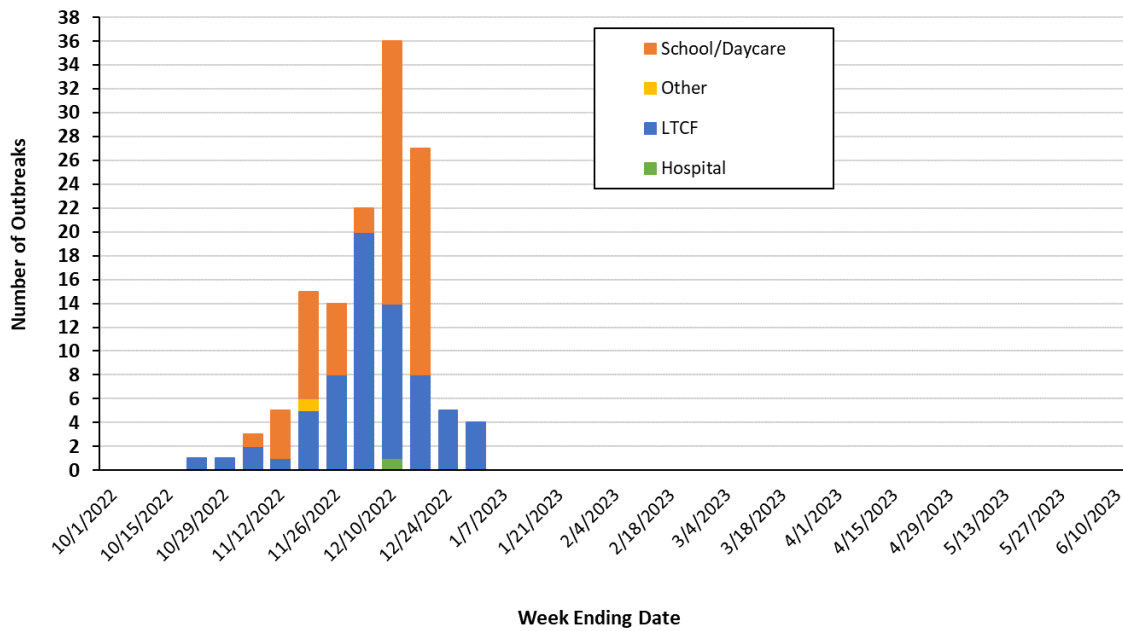
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 66 influenza-associated hospitalizations occurred during week 52 of 2022. There have been 893 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 48.5 per 100,000 people.

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



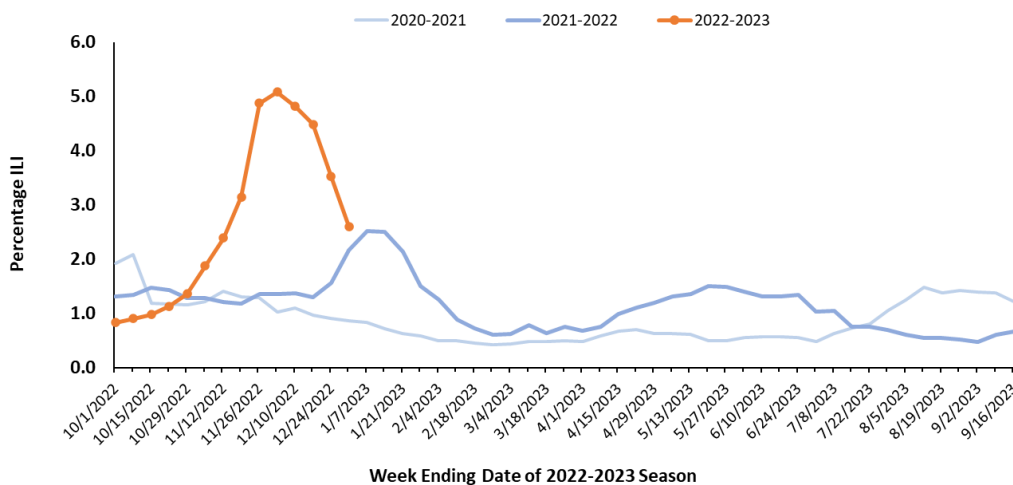
Influenza Outbreaks: There were 4 influenza outbreaks reported during week 52, 2022, there have been 133 reported outbreaks during the 2022-2023 season.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 2.6% during week 52, 2022.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



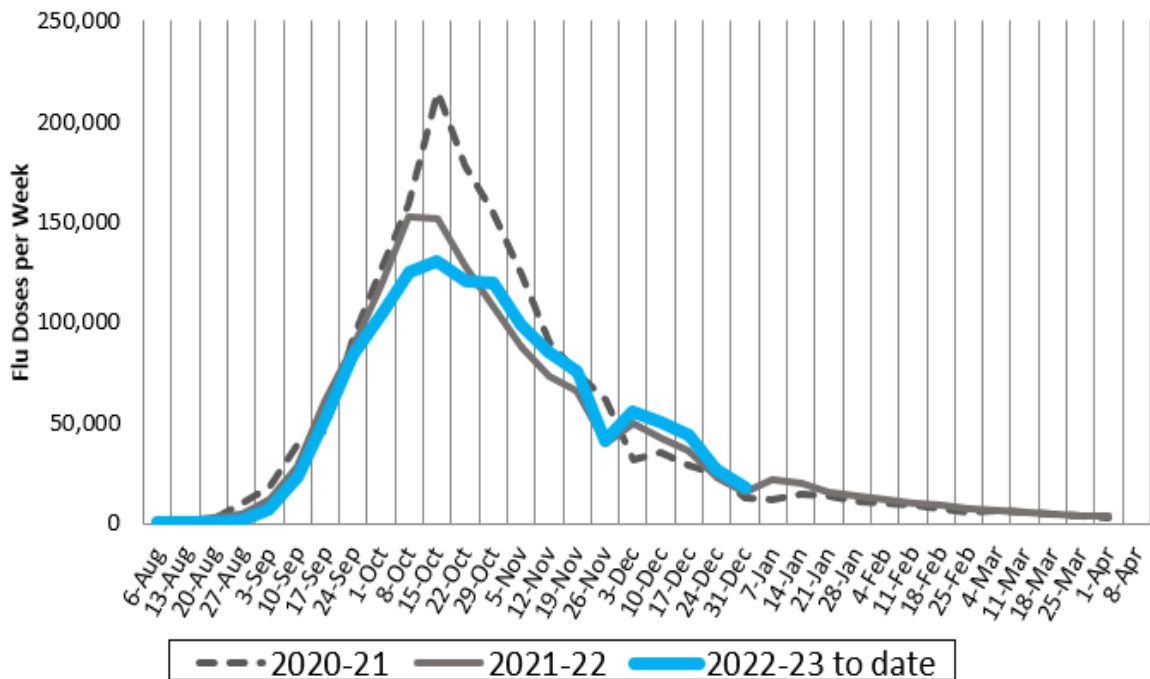
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 52, 2022, and 2 pediatric deaths reported to the Oregon Health Authority in the 2022-2023 influenza season.

Influenza Immunizations:

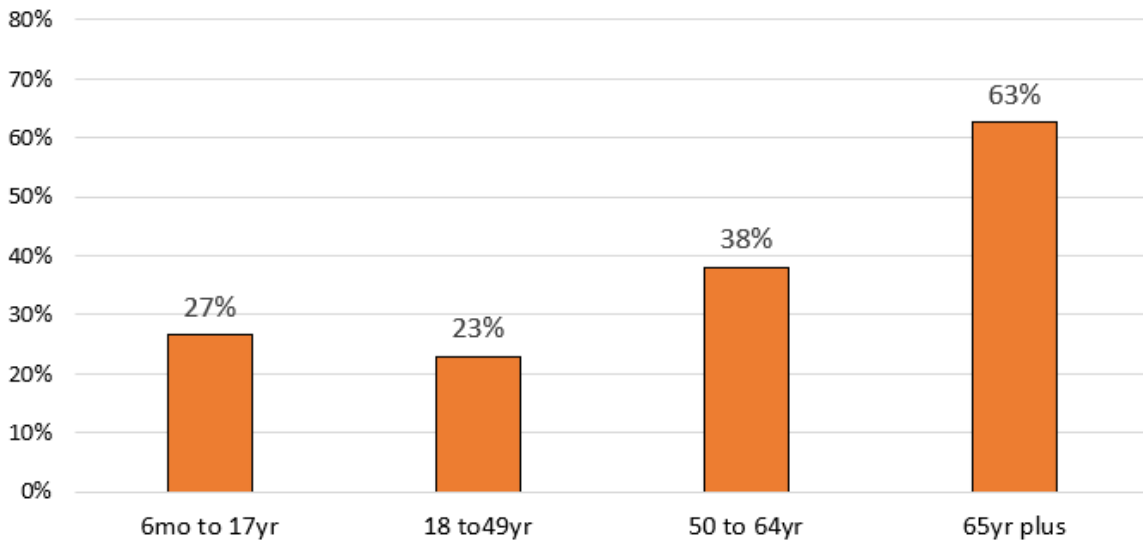
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.36 million reported influenza immunizations, and 1.27 million for Oregon residents. Taking into account that ALERT IIS has records for most but not all influenza immunizations, a preliminary estimate is that 34% of Oregonians to date have received a flu shot.

OIP also tracks disparities in influenza immunization by race and ethnicity. 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. Rates in this chart are potentially biased upward by several percentage points based on having more than one race/ethnicity in ALERT IIS. 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.

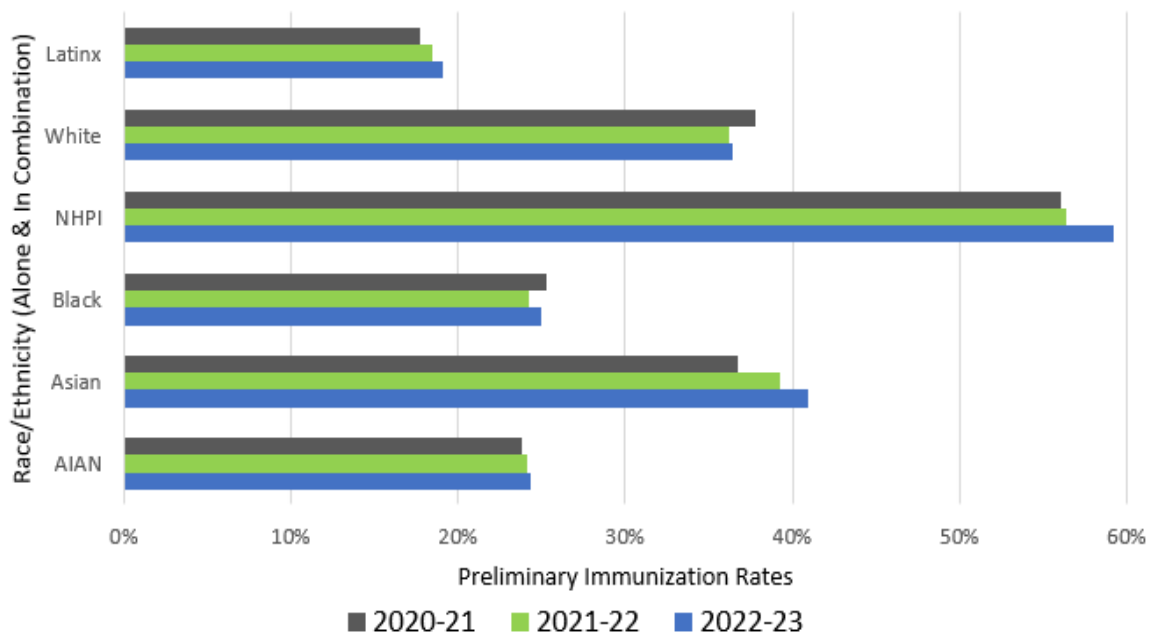
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Preliminary Oregon Influenza Immunization Rate Estimates, as of Jan 4th, 2023



Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity as of Dec 31st, 2022



US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 15% 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

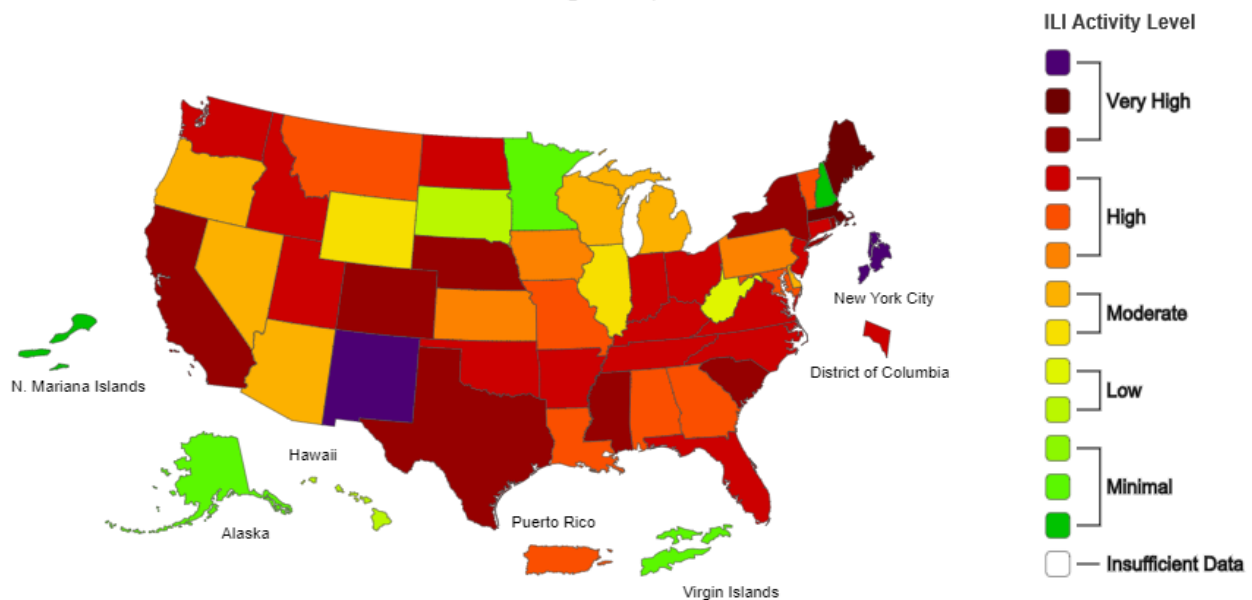
- **ILINet Outpatient Illness:** Nationwide during week 52, 5.4% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 39 jurisdictions experienced high or very high activity and 8 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 5.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 48.6 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 18,954 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 12.8% of the deaths that occurred this week were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.9% for this week.
- **Pediatric Deaths:** 13 influenza related deaths were reported this week, 74 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

2022-23 Influenza Season Week 52 ending Dec 31, 2022



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>

Oregon Public Health Division

Published December 30th, 2022

Data at a Glance December 18, 2022—December 24, 2022 (Week 51)

	Current Week (51)	Previous Week (50)
Percentage positive influenza tests¹	23.8%	26.7%
Portland tri-county influenza-associated hospitalizations^{2*}	79	148
Reported influenza outbreaks³	4	28
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	3.5%	4.5%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

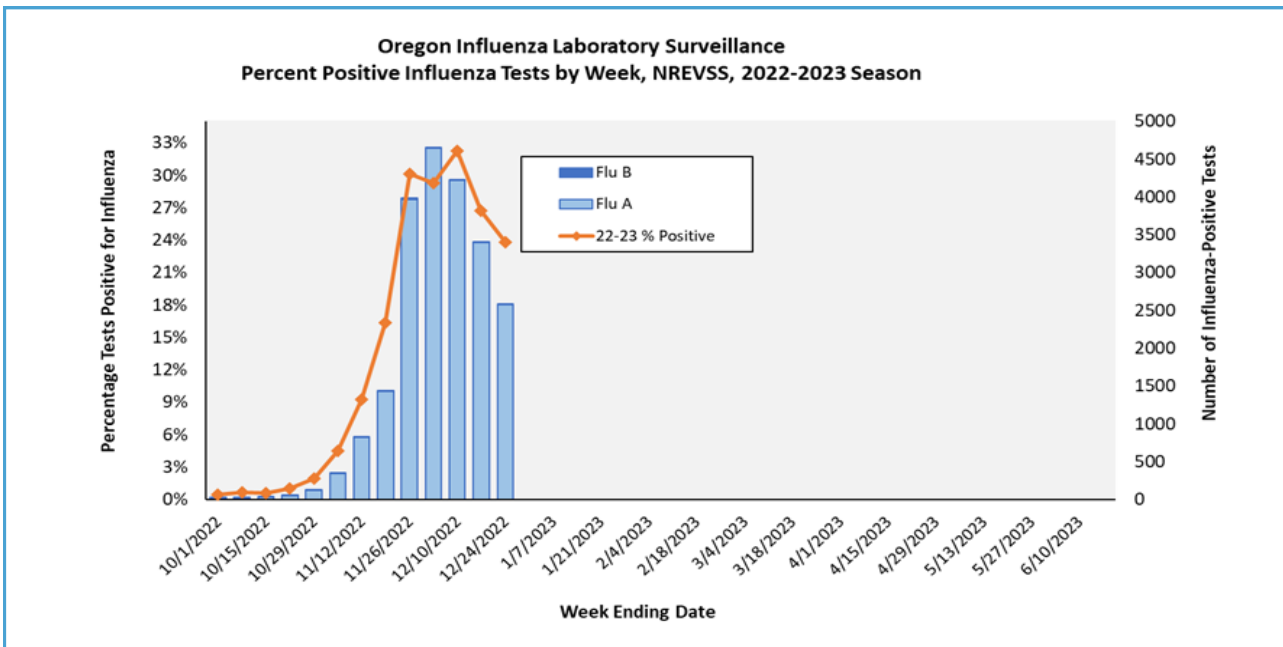
³Based on reports made to the Oregon Health Authority

⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

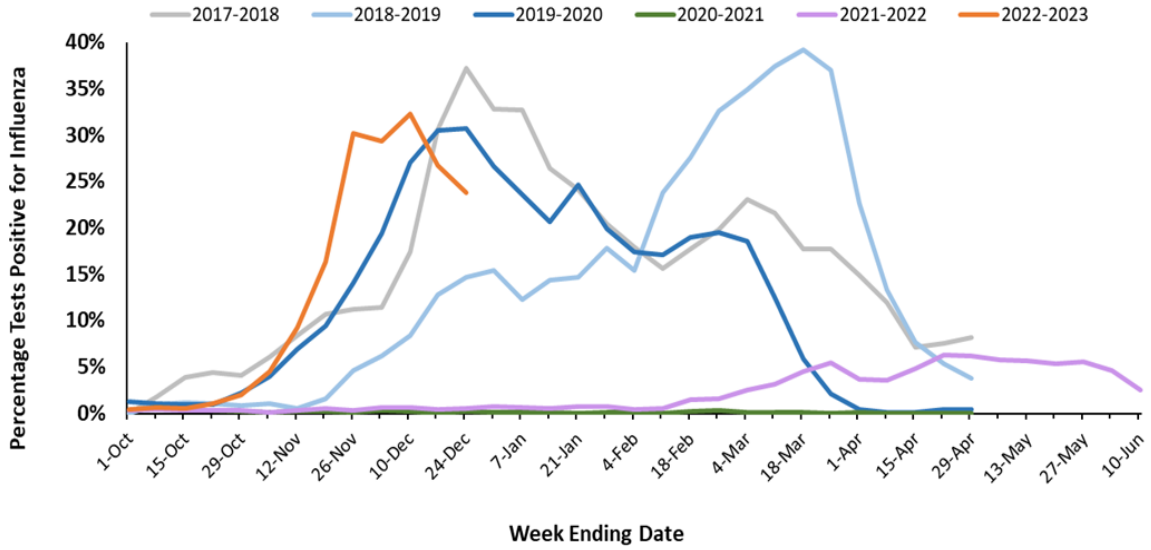
Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States.

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	6194	1531	24.7%	1528	99.8%	3	0.2%
Southern Oregon	1717	415	24.2%	415	100.0%	0	0.0%
Columbia Gorge	595	142	23.9%	141	99.3%	1	0.7%
Central Oregon	1312	298	22.7%	298	100.0%	0	0.0%
Willamette Valley	1037	199	19.2%	196	98.5%	3	1.5%
State Total	10855	2585	23.8%	2578	99.7%	7	0.3%

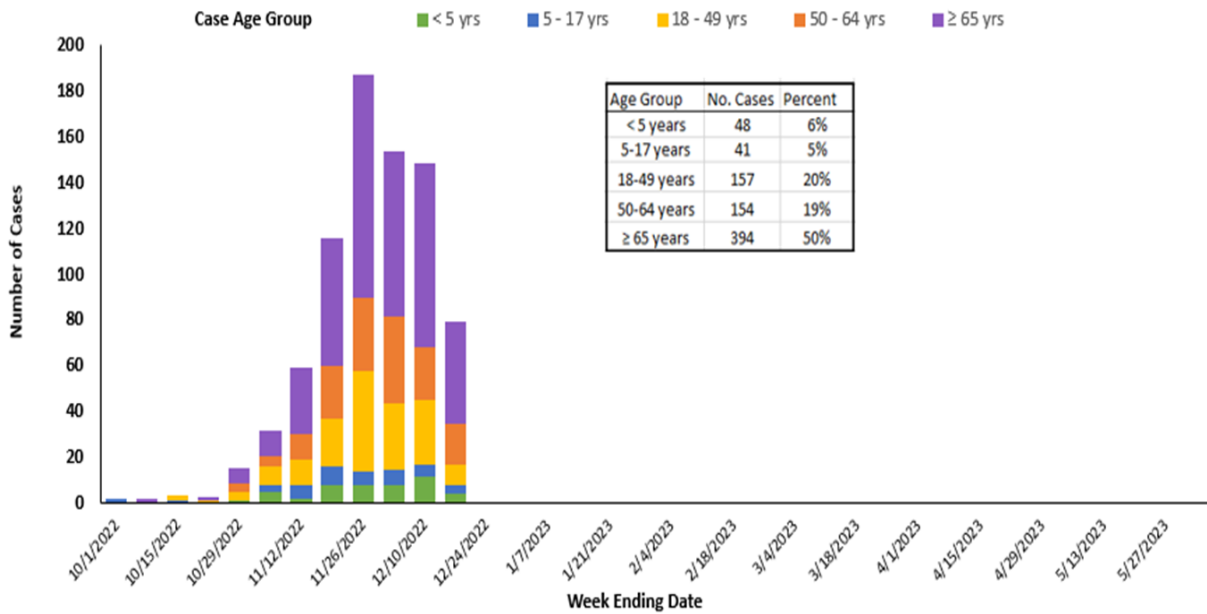


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

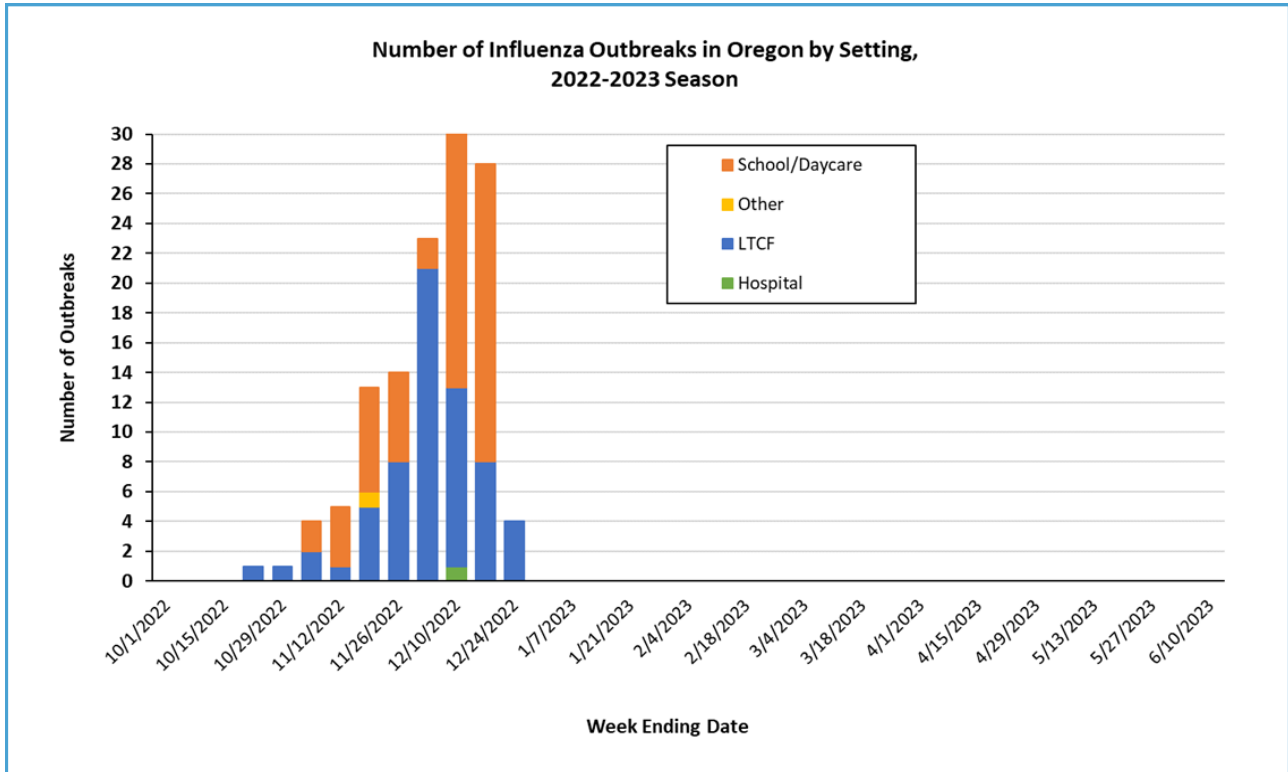


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 79 influenza-associated hospitalizations occurred during week 51 of 2022. There have been 794 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 43.1 per 100,000 people.

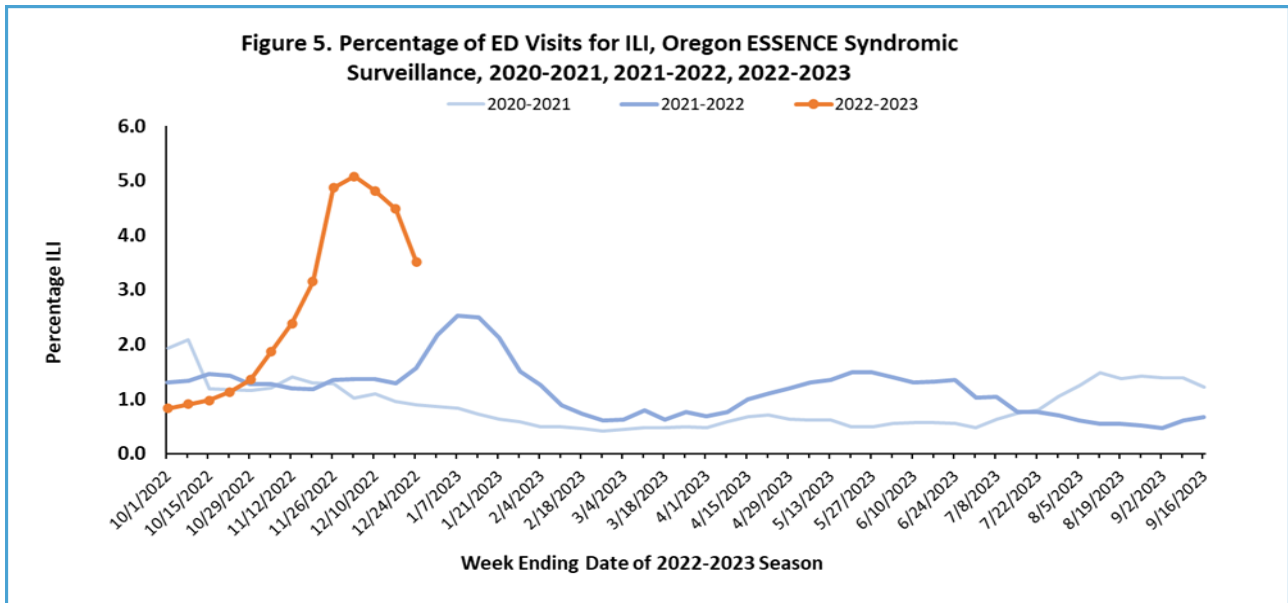
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season***



Influenza Outbreaks: There were 4 influenza outbreaks reported during week 51, 2022, there have been 126 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 3.5% during week 51, 2022.

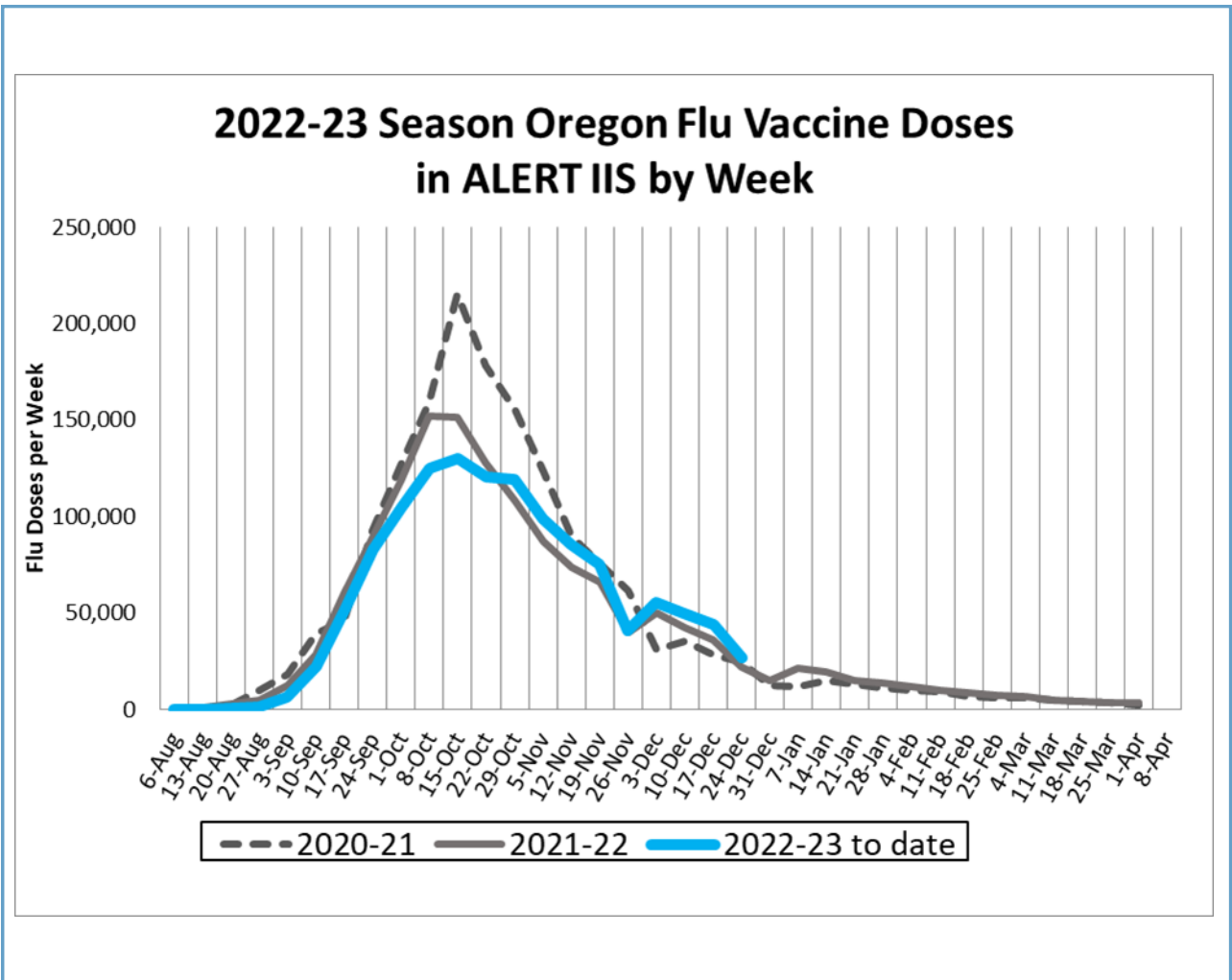


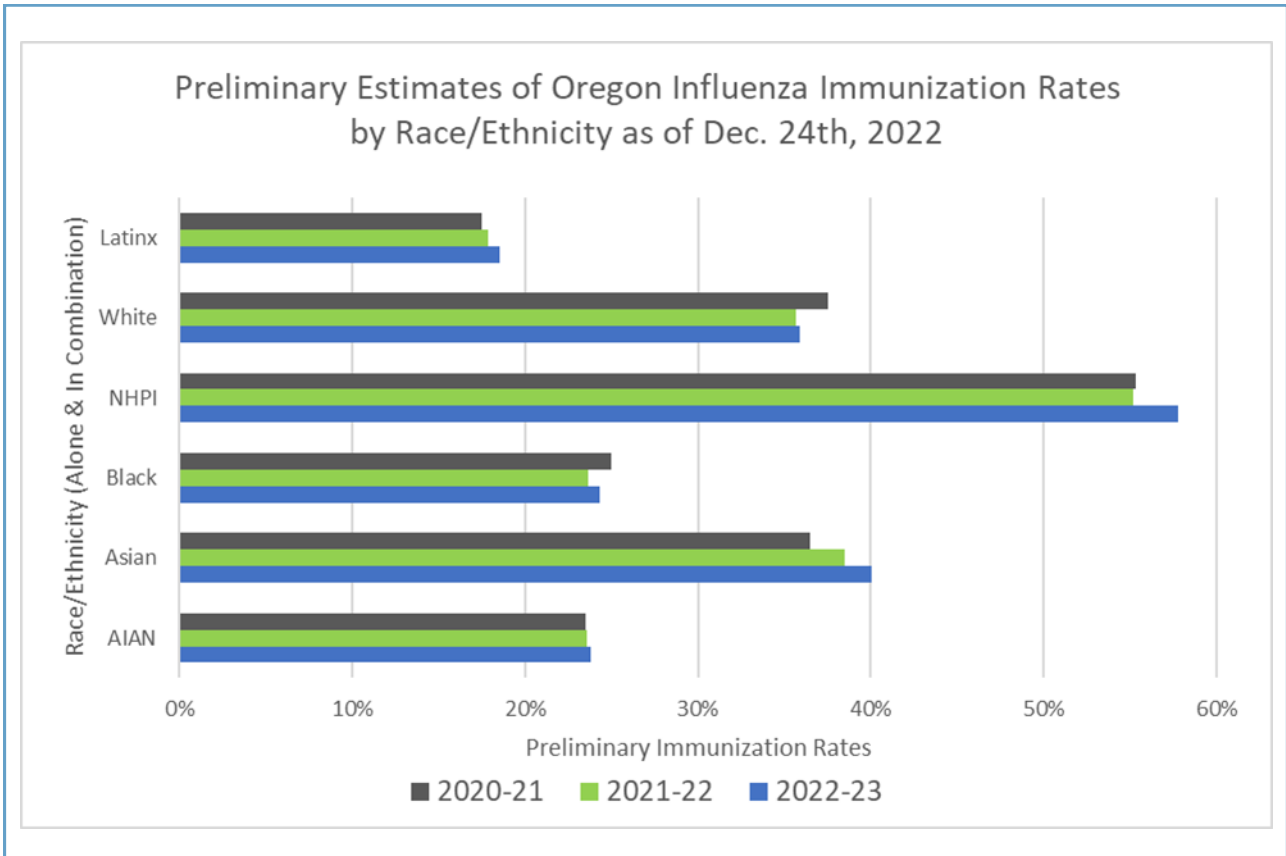
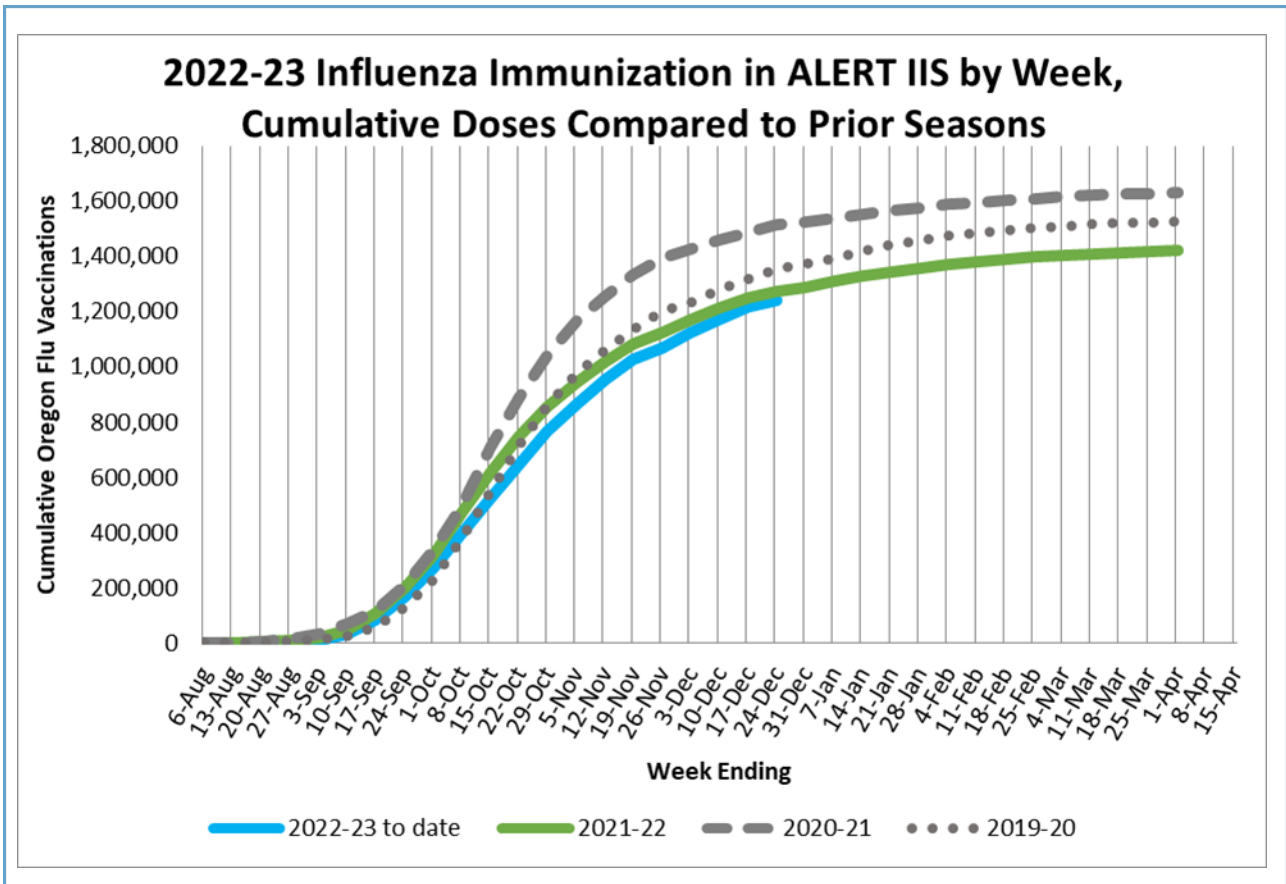
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 51, 2022, and 2 pediatric deaths reported to the Oregon Health Authority in the 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, ALERT IIS has 1.3 million reported influenza immunizations, and 1.25 million for Oregon residents. New weekly influenza immunizations have dropped going into the holiday period- a holiday drop in immunization is typically seen every year. How much weekly immunizations rebound in January is at this point an open question.

OIP also tracks disparities in influenza immunization by race and ethnicity. 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.





US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 19.8% 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

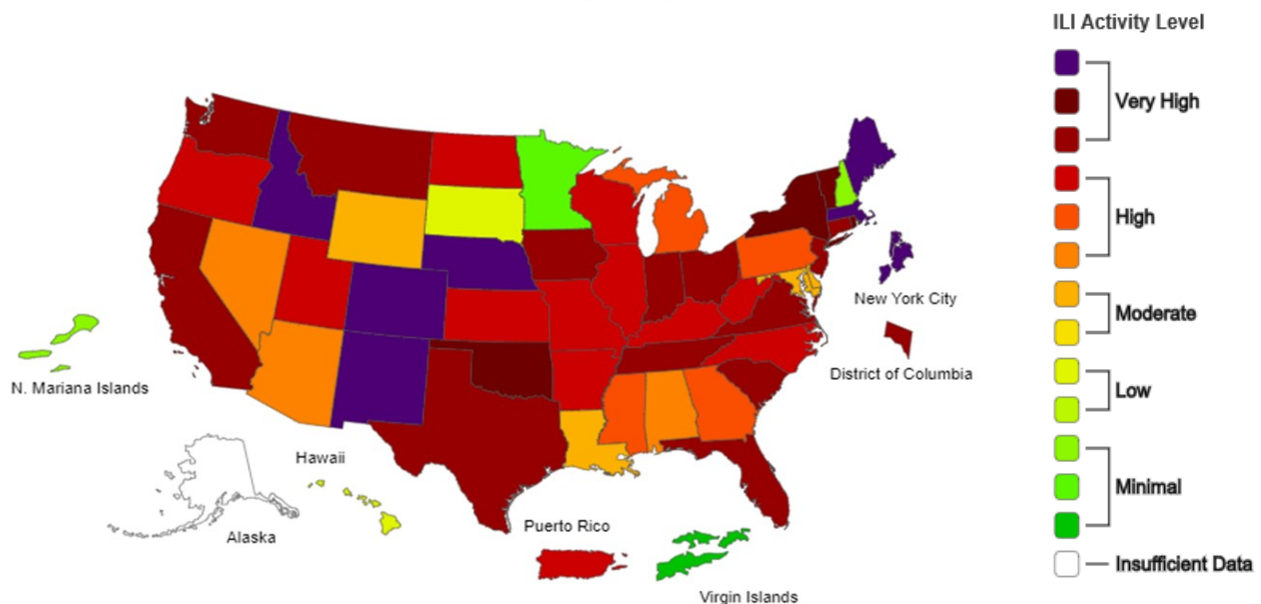
- **ILINet Outpatient Illness:** Nationwide during week 51, 6.1% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 44 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 5.6% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 44.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 18,848 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 12.1% of the deaths that occurred this week 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:** 14 influenza related deaths were reported this week, 61 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

2022-23 Influenza Season Week 51 ending Dec 24, 2022



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>

Oregon Public Health Division

Published December 23th, 2022

Data at a Glance December 11 2022—December 17 2022 (Week 50)

	Current Week (50)	Previous Week (49)
Percentage positive influenza tests¹	26.7%	32.3%
Portland tri-county influenza-associated hospitalizations^{2*}	98	152
Reported influenza outbreaks³	18	29
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	4.5%	4.8%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

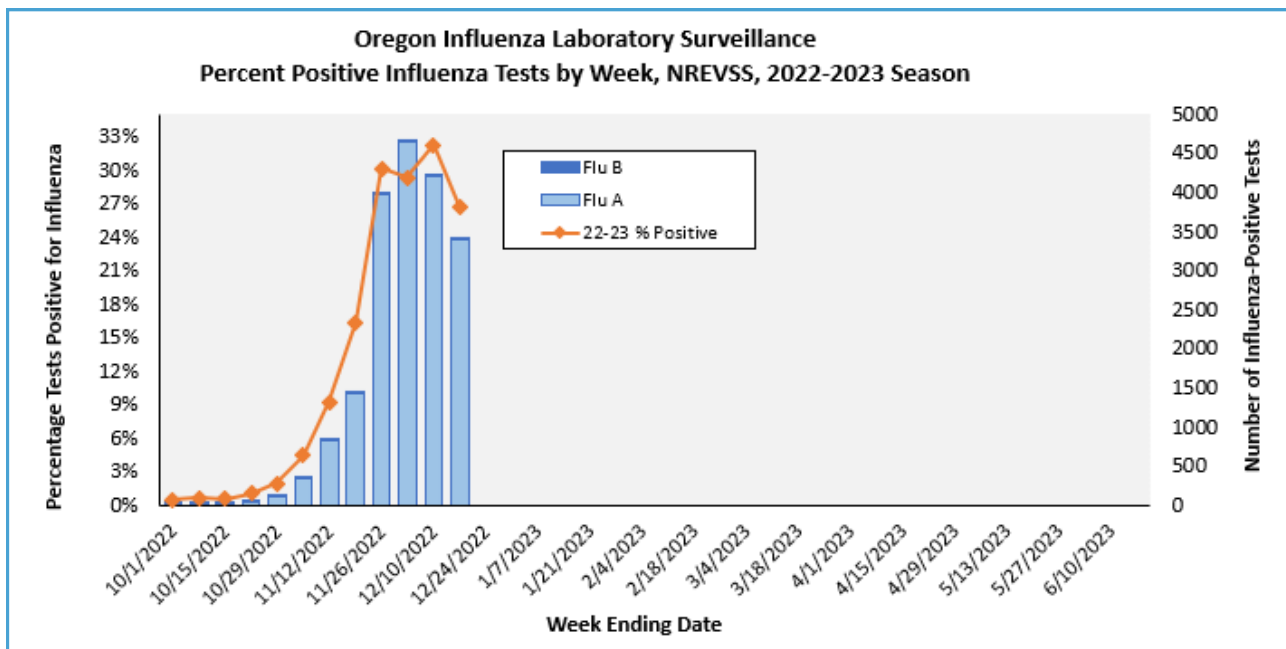
³Based on reports made to the Oregon Health Authority

⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

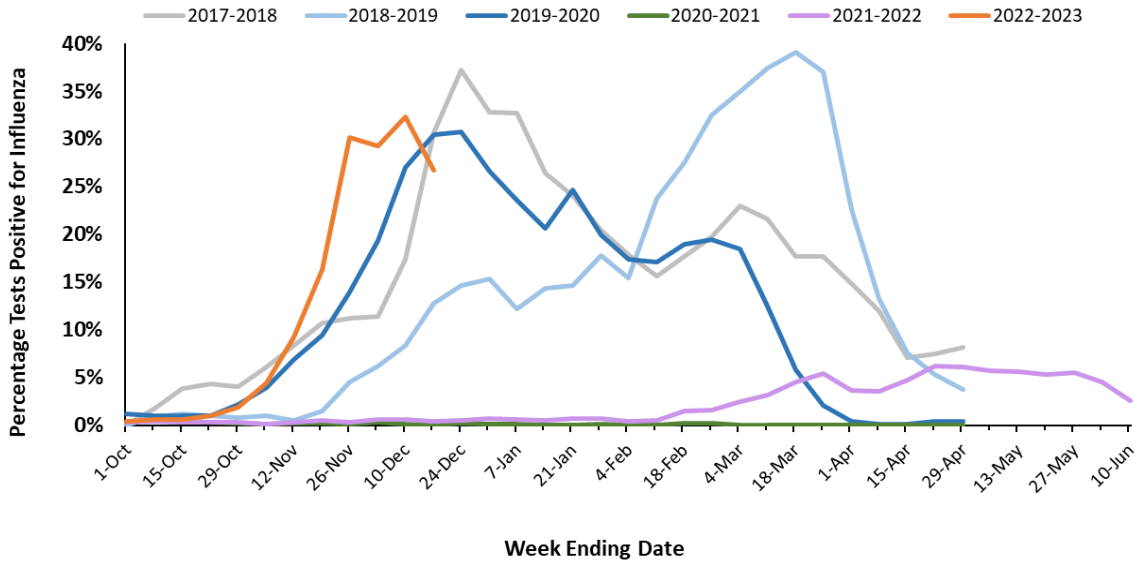
Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States.

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	8470	2158	25.5%	2157	100.0%	1	0.0%
Southern Oregon	1242	372	30.0%	372	100.0%	0	0.0%
Columbia Gorge	496	180	36.3%	180	100.0%	0	0.0%
Central Oregon	1374	398	29.0%	397	99.7%	1	0.3%
Willamette Valley	1131	291	25.7%	291	100.0%	0	0.0%
State Total	12713	3399	26.7%	3397	99.9%	2	0.1%

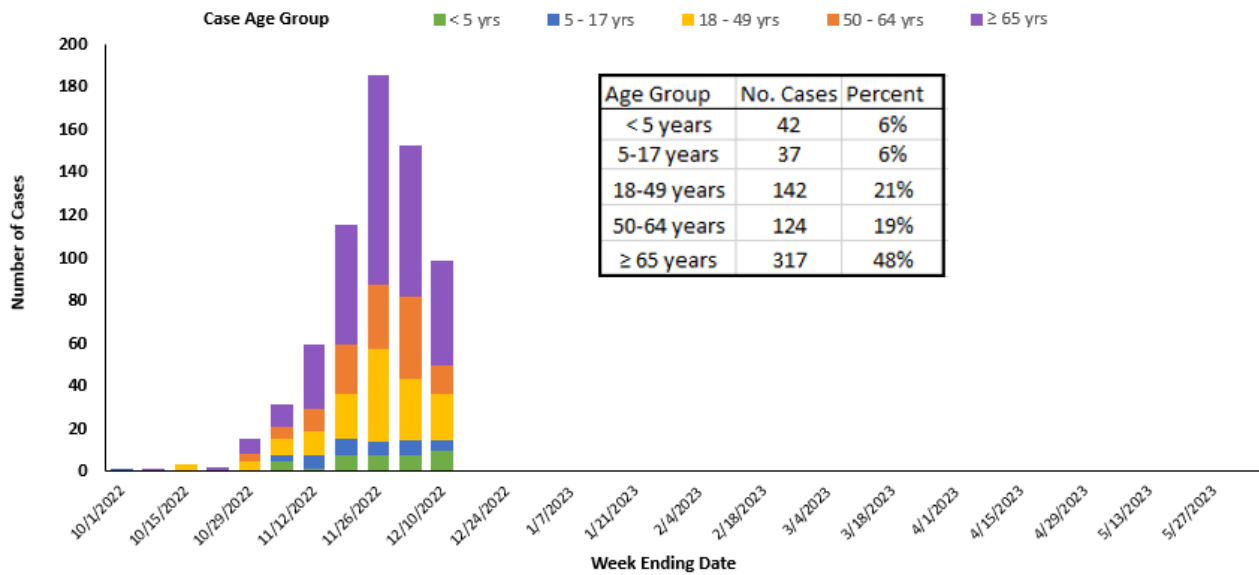


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

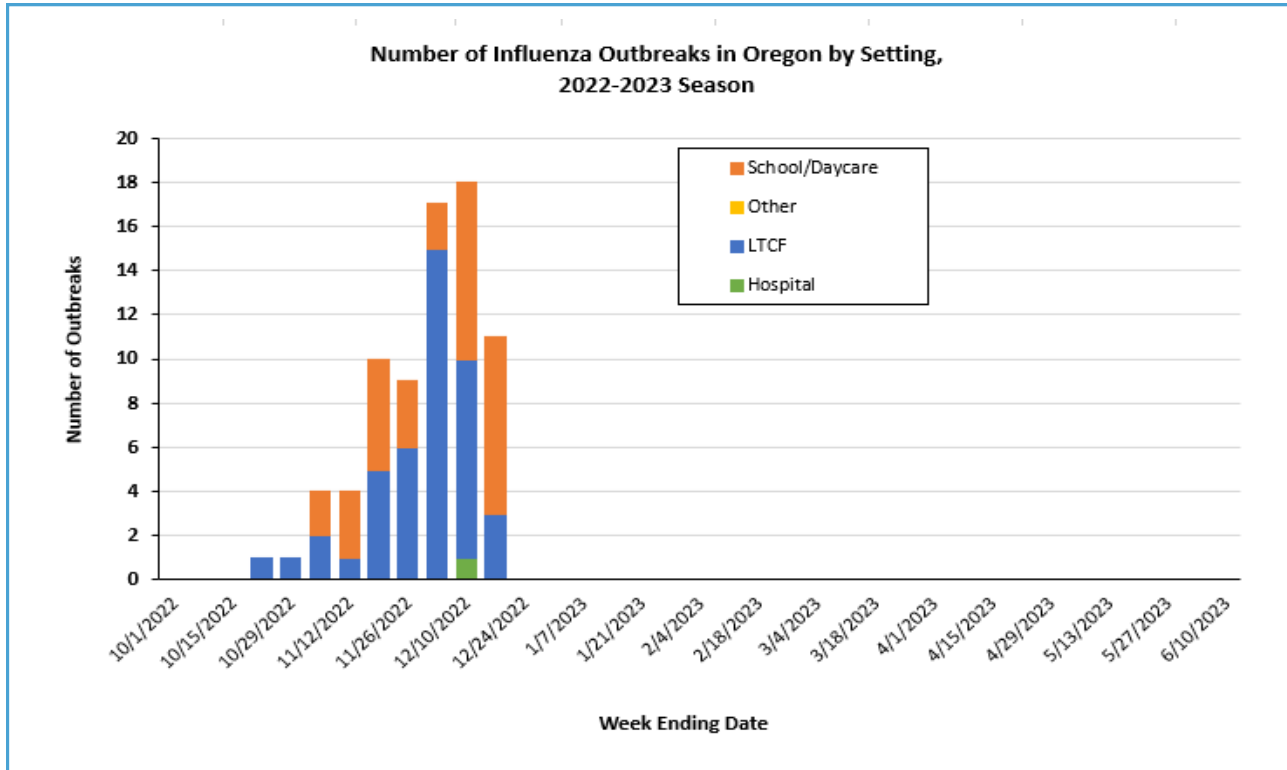


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties 98 influenza-associated hospitalizations occurred during week 50 of 2022. There have been 662 reported hospitalizations during the 2022-2023 season. The cumulative hospitalization rate for the 2022-2023 season is 35.8 per 100,000 people.

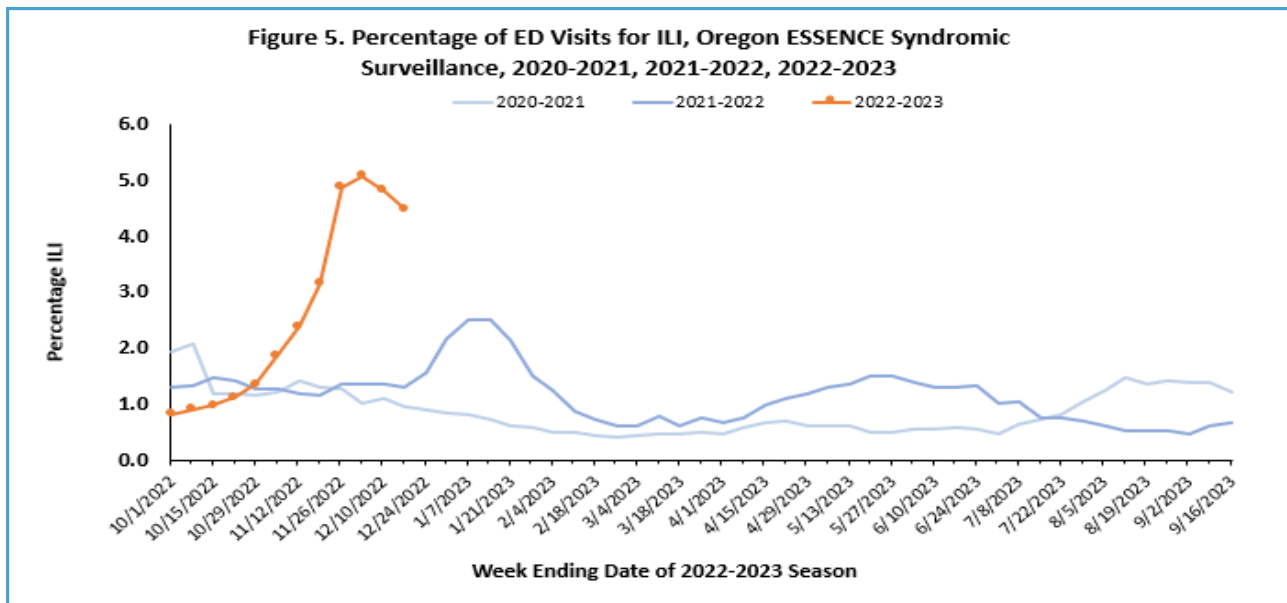
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season***



Influenza Outbreaks: There were 11 influenza outbreaks reported during week 50, 2022, there have been 84 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 4.5% during week 50, 2022.



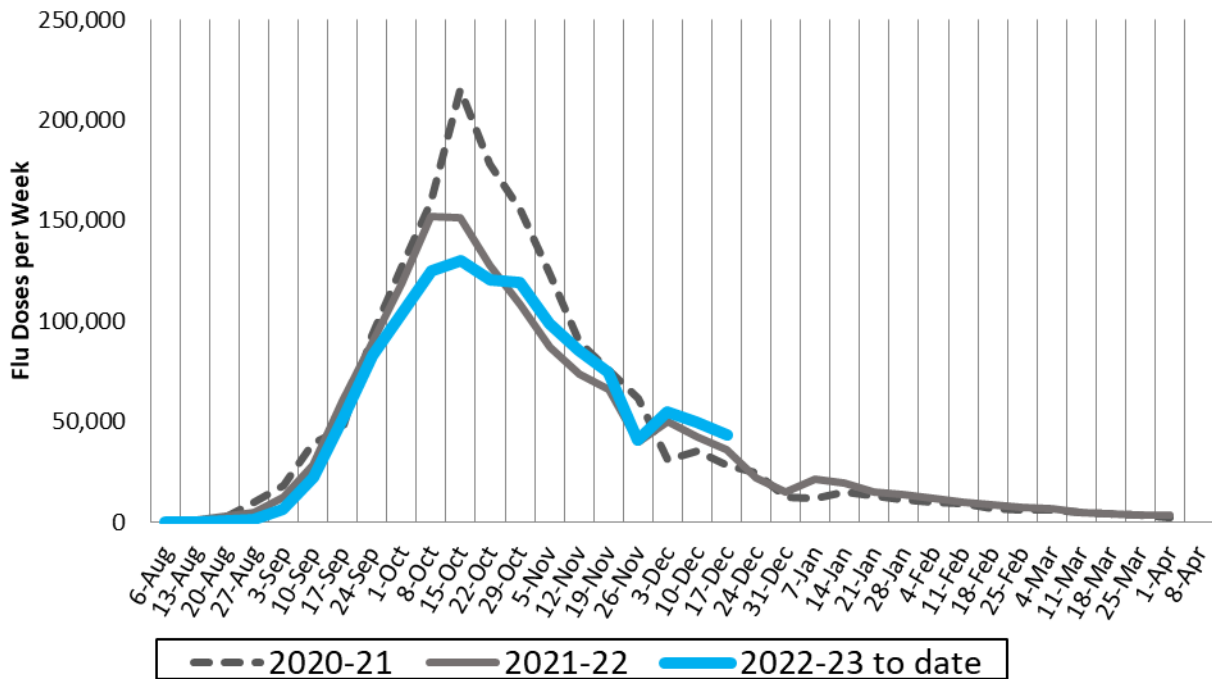
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 50, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

Influenza Immunizations:

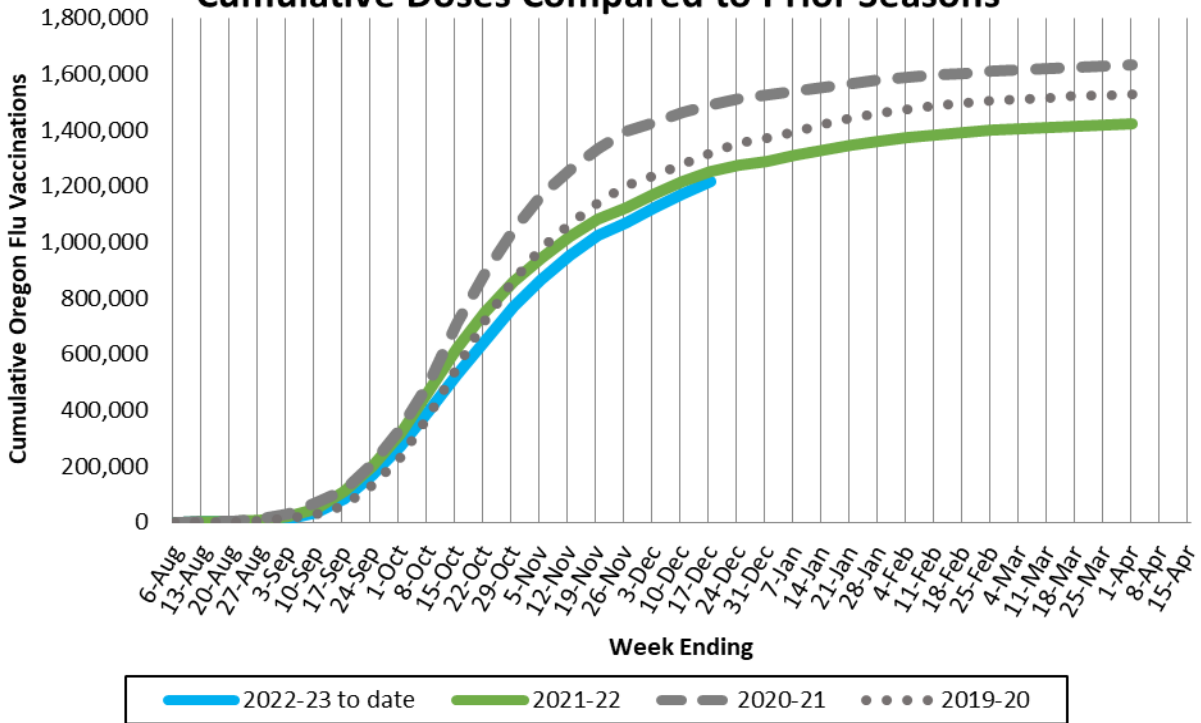
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of the current date, ALERT IIS has 1.3 million reported influenza immunizations, and 1.2 million for Oregon residents. Through December, weekly totals of new influenza immunizations reported to ALERT were higher than in the prior two seasons. Currently, the total number of 2022-23 season influenza immunizations remains lower than in the prior 3 seasons. However the number of new influenza immunizations in December of this season is higher than in previous seasons.

OIP also tracks disparities in influenza immunization by race and ethnicity. 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.

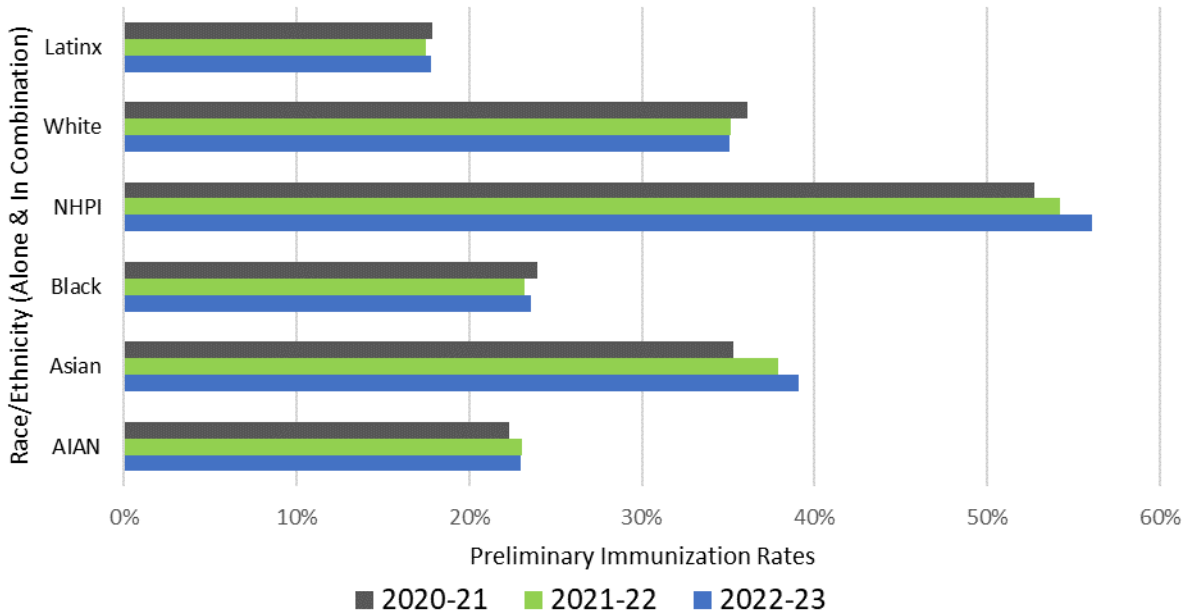
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



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 Dec. 10th, 2022



US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 24.4% 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

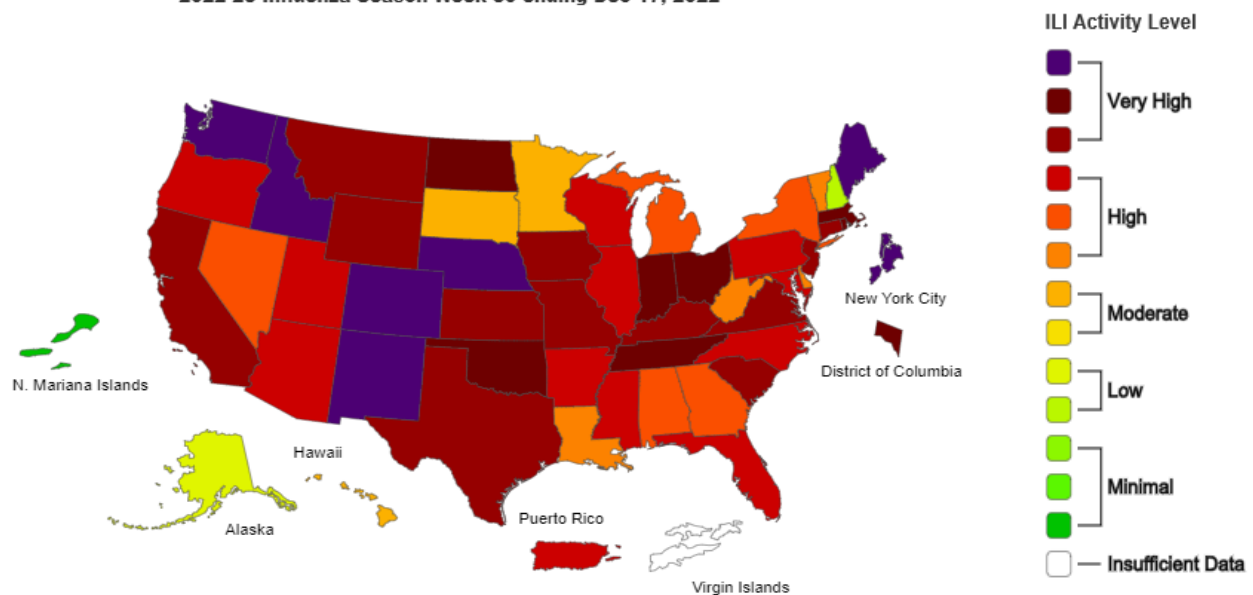
- **ILINet Outpatient Illness:** Nationwide during week 50, 6.3% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 48 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 6.1% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 39.9 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 20,783 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 12.0% of the deaths that occurred this week 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:** 17 influenza related deaths were reported this week, 30 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

2022-23 Influenza Season Week 50 ending Dec 17, 2022



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>

Oregon Public Health Division

Published December 15th, 2022

Data at a Glance December 4rd 2022—December 10 2022 (Week 49)

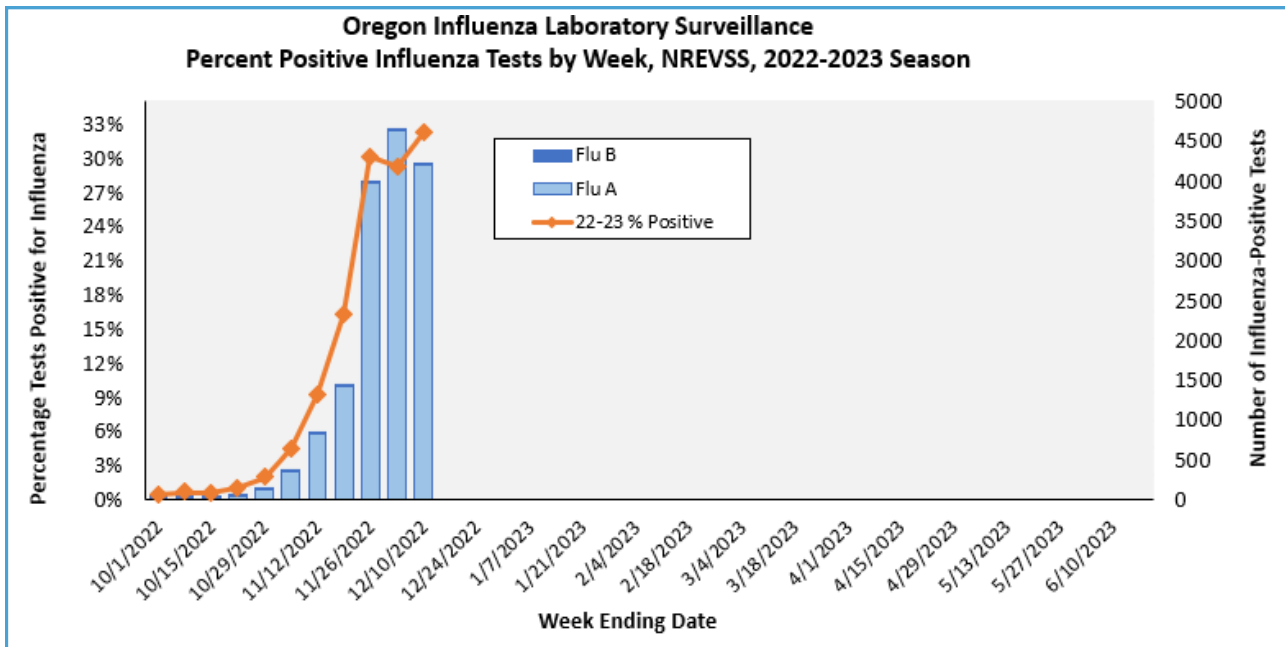
	Current Week (49)	Previous Week (48)
Percentage positive influenza tests¹	32.3%	29.3%
Portland tri-county influenza-associated hospitalizations^{2*}	109	182
Reported influenza outbreaks³	29	22
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	4.8%	5.1%

¹Percent positivity based on data from Oregon reporters to the National Respiratory and Enteric Virus Surveillance System (NREVSS)
²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.
³Based on reports made to the Oregon Health Authority
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.
 *We do not believe the influenza data for the most recent surveillance week is accurate. Case ascertainment is currently hindered by hospital capacity strain. Significant backfill to hospitalization rates (and counts) is anticipated in the coming weeks.

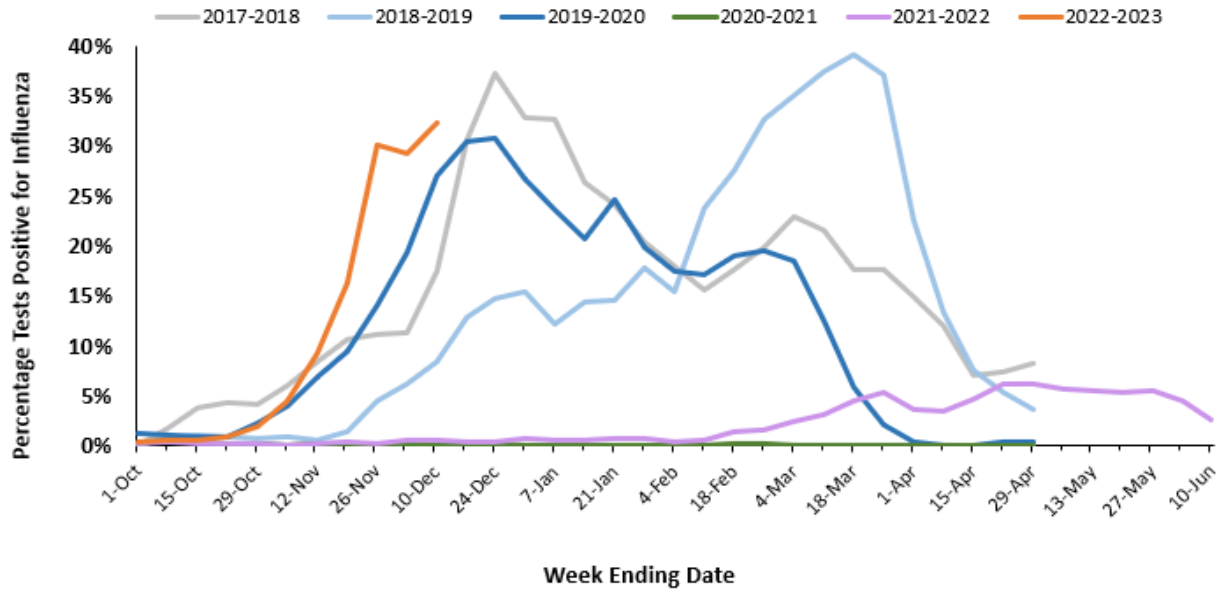
Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States.

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

Region	Positive Total Tests	No.		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	8128	2574	31.7%	2573	100.0%	1	0.0%
Southern Oregon	2367	774	32.7%	774	100.0%	0	0.0%
Columbia Gorge	851	334	39.2%	334	100.0%	0	0.0%
Central Oregon	267	86	32.2%	85	98.8%	1	1.2%
Willamette Valley	1461	451	30.9%	447	99.1%	4	0.9%
State Total	13074	4219	32.3%	4213	99.9%	6	0.1%

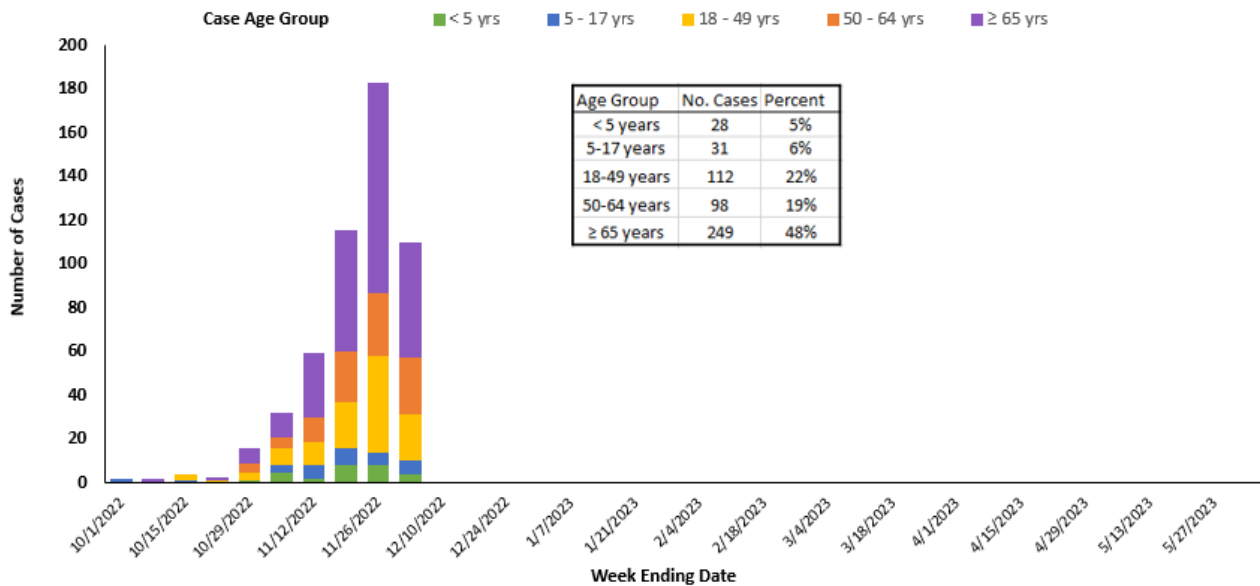


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



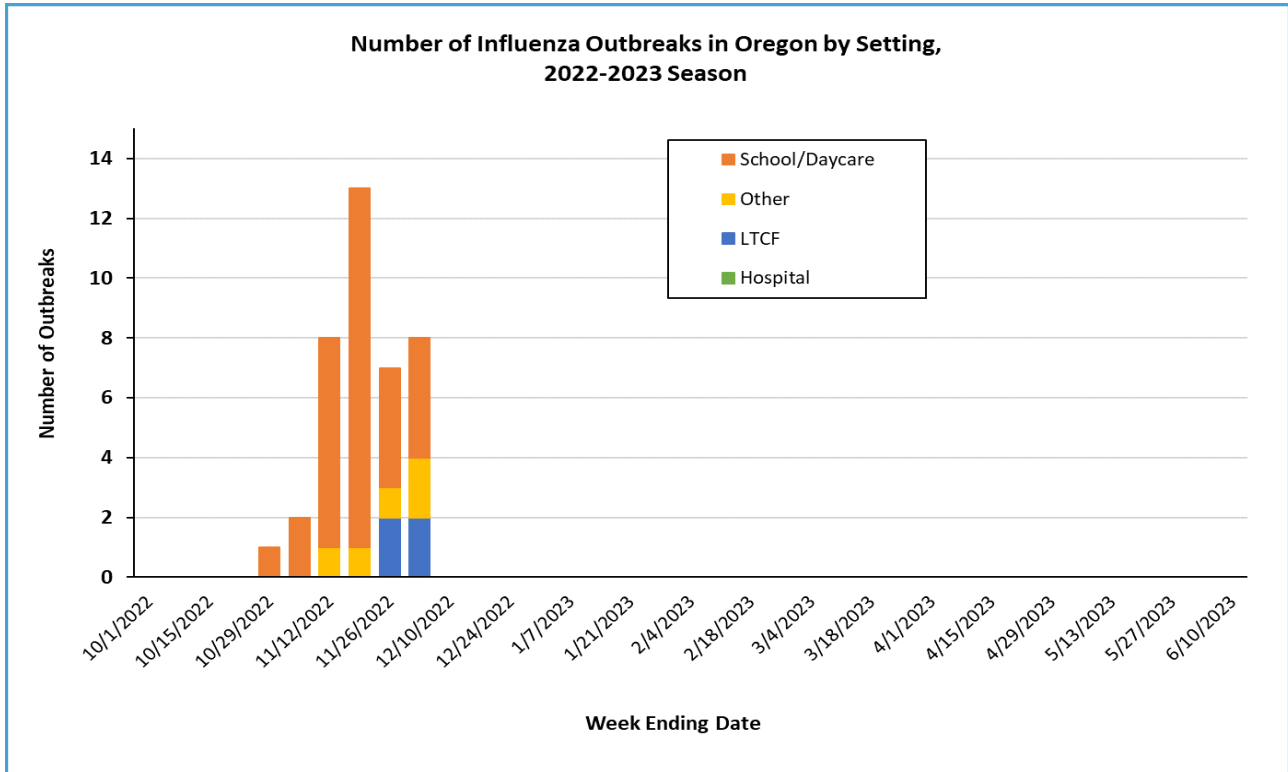
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 109 influenza-associated hospitalization reported during week 49 of 2022. There has been 518 reported hospitalization during the 2022-2023 season.

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

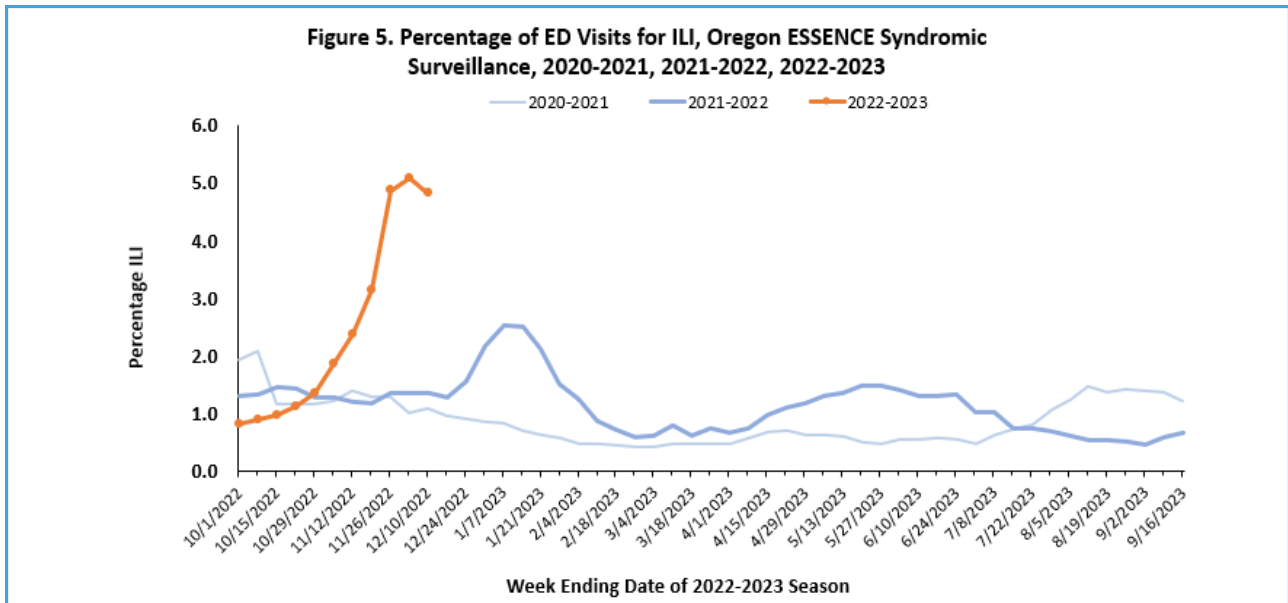


*We do not believe the influenza data for the most recent surveillance week is accurate. Case ascertainment is currently hindered by hospital capacity strain. Significant backfill to hospitalization rates (and counts) is anticipated in the coming weeks.

Influenza Outbreaks: There were 29 influenza outbreaks reported during week 49, 2022, there have been 84 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 4.8% during week 49, 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, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

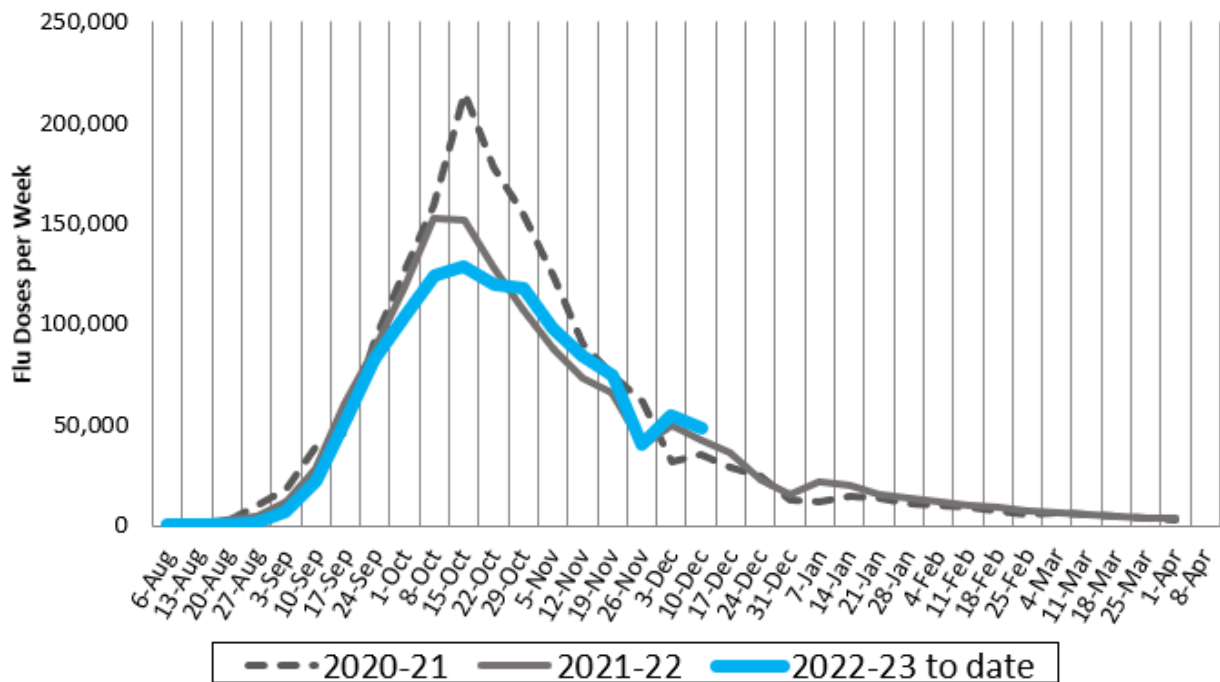
Influenza Immunizations:

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, ALERT IIS has 1.3 million reported influenza immunizations, and 1.2 million for Oregon residents.

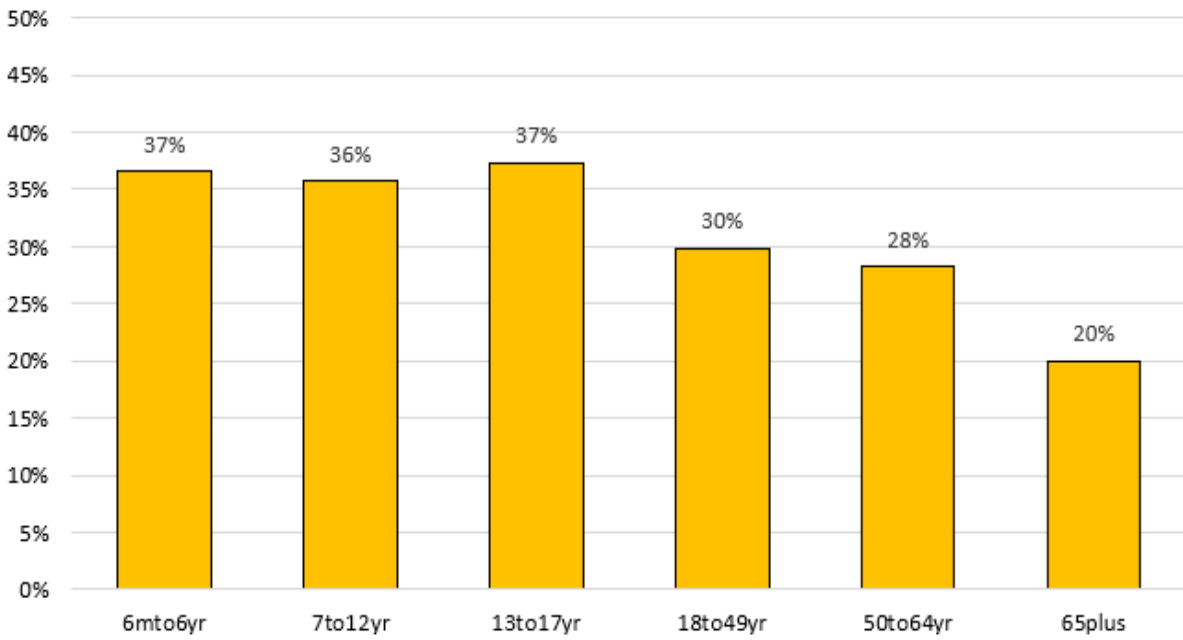
Influenza immunization seeking appears higher in November/December of this season in comparison to last season. For this week, OIP is including a chart to answer the question of who is seeking influenza immunization post-peak this season. In the below chart, a higher proportion of post-peak immunizations are going to children- with 37% of child influenza immunizations having been given post after Nov. 5th. In contrast, older adults tend to seek influenza immunizations earlier in the season, with only 20% of senior immunizations being given after the peak period.

OIP also tracks disparities in influenza immunization by race and ethnicity. 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.

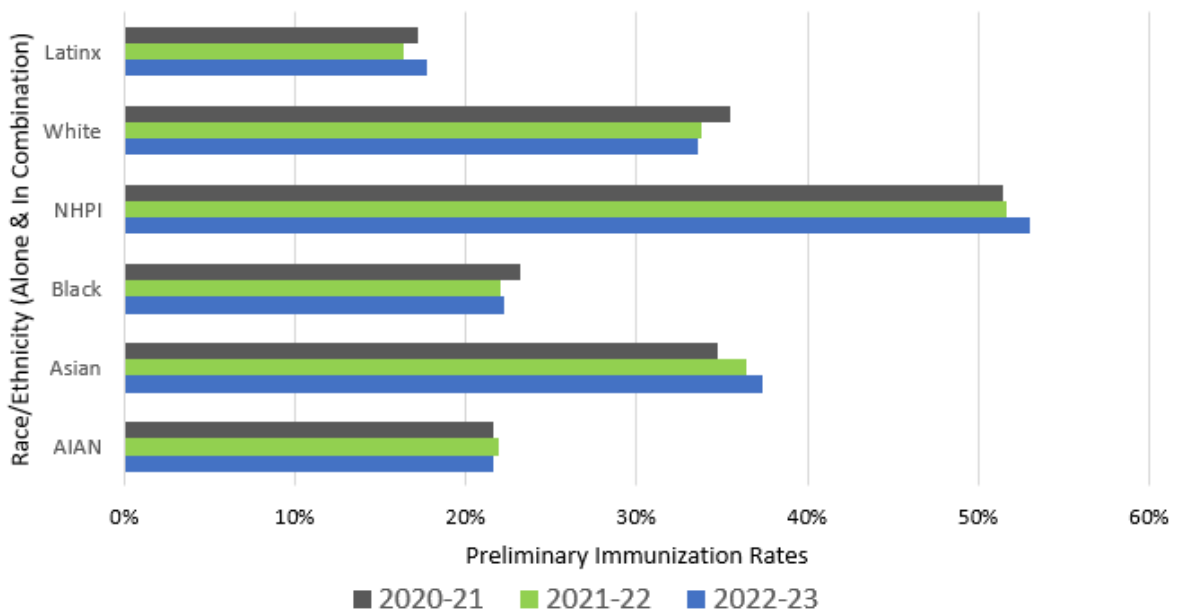
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Percent of All Flu Shots Given Later in Season (After Nov 5th) by Age, as of Dec 10th 2022



Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity as of Dec. 10th, 2022



US Data (from [CDC FluView](#)): Seasonal influenza activity remains high but appears to be declining in some areas.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 25.4% 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](#)

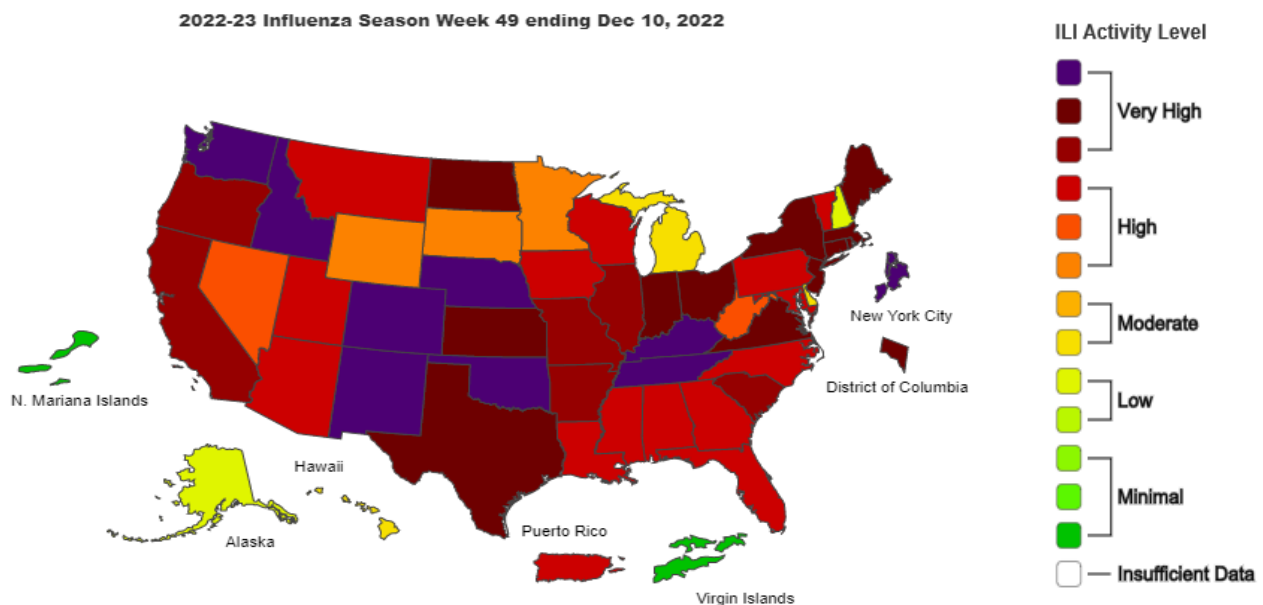
Illness

- **ILINet Outpatient Illness:** Nationwide during week 49, 6.9% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 48 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 6.8% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 32.7 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 23,503 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 11.6% of the deaths that occurred this week 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:** 9 influenza related deaths were reported this week, 30 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>

Oregon Public Health Division

Published December 9th, 2022

Data at a Glance November 27th 2022 - December 3rd 2022 (Week 48)

	Current Week (48)	Previous Week (47)
Percentage positive influenza tests¹	29.3%	30.1%
Portland tri-county influenza-associated hospitalizations²	121	114
Reported influenza outbreaks³	8	7
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	5.1%	4.9%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

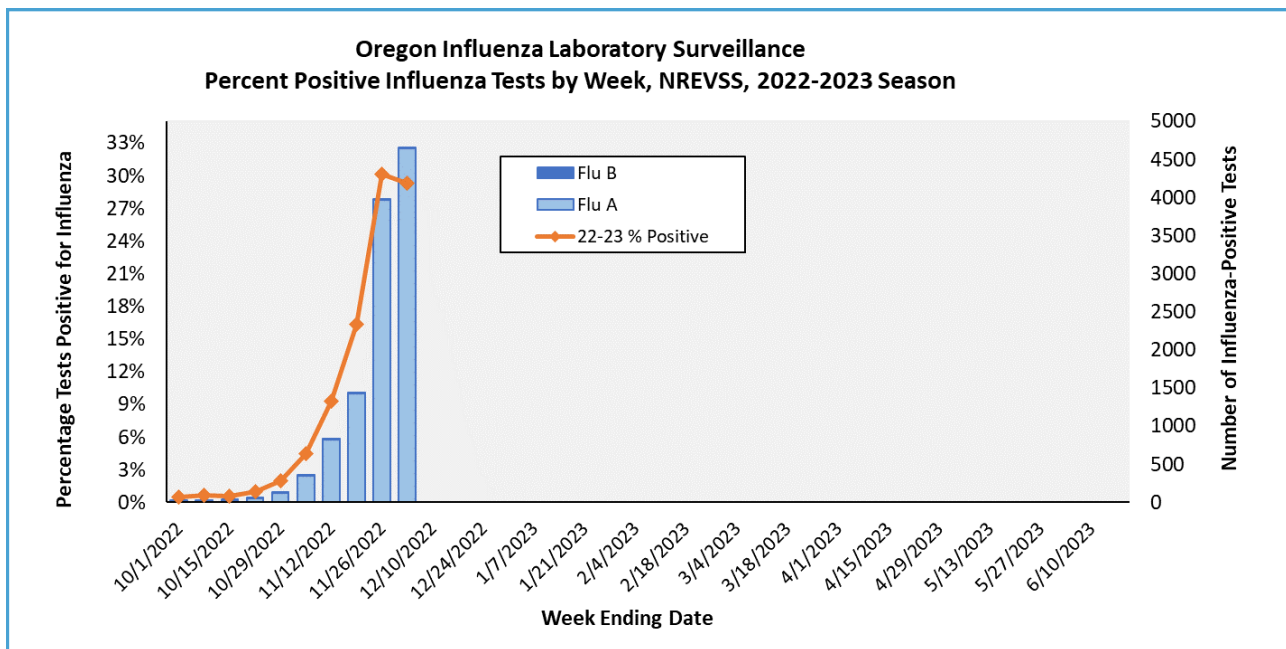
³Based on reports made to the Oregon Health Authority

⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

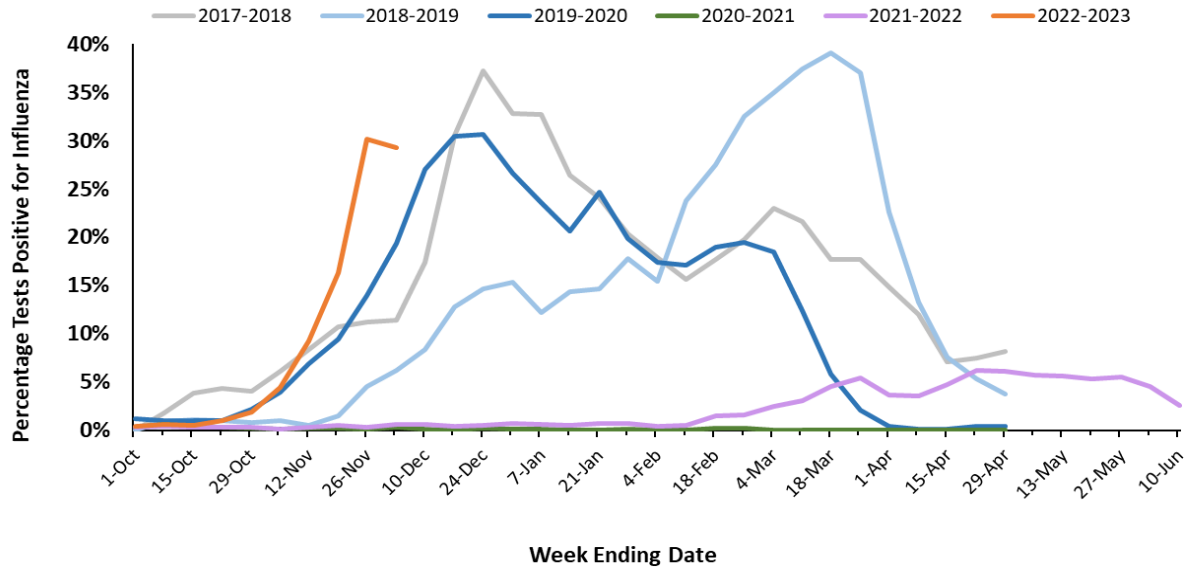
Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating in the United States. More information is at CDC's [website](#). Table 1 shows the tests conducted and results 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	9309	2662	28.6%	2660	99.9%	2	0.1%
Southern Oregon	2431	713	29.3%	710	99.6%	3	0.4%
Columbia Gorge	977	391	40.0%	391	100.0%	0	0.0%
Central Oregon	1651	427	25.9%	425	99.5%	2	0.5%
Willamette Valley	1498	455	30.4%	454	99.8%	1	0.2%
State Total	15866	4648	29.3%	4640	99.8%	8	0.2%

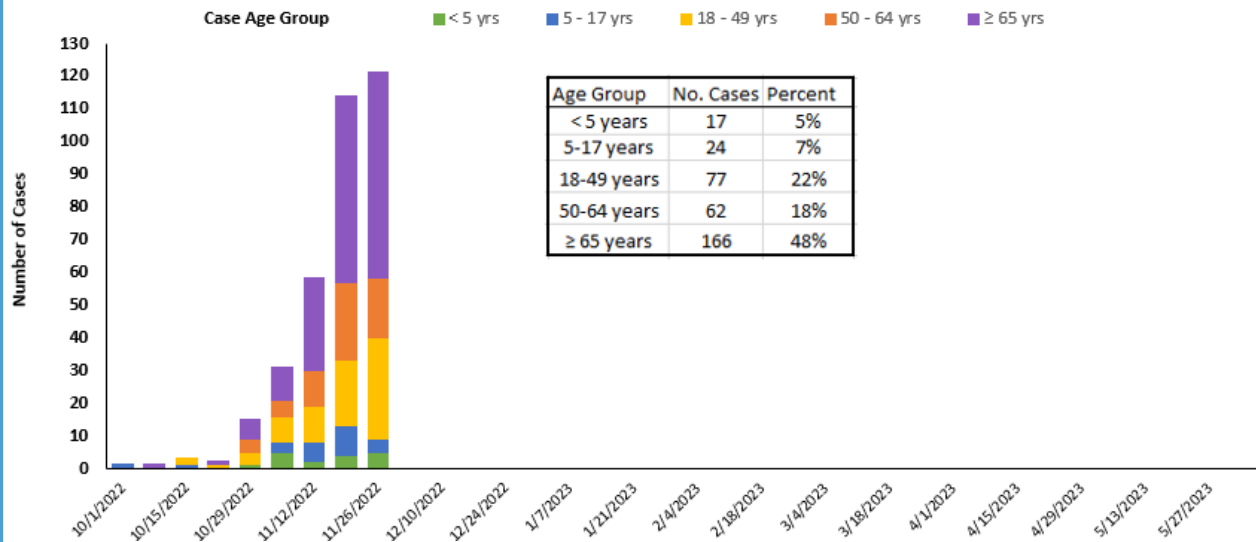


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

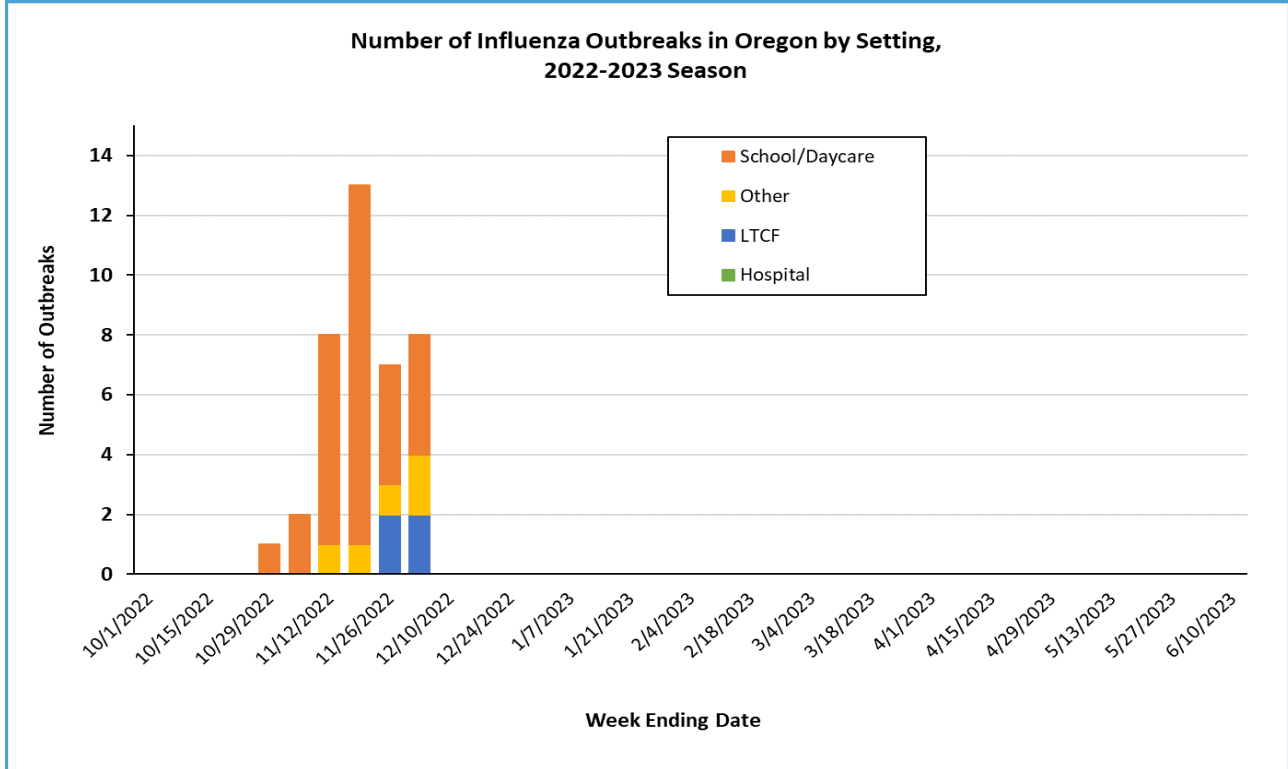


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 121 influenza-associated hospitalization reported during week 48 of 2022. There has been 346 reported hospitalization during the 2022-2023 season.

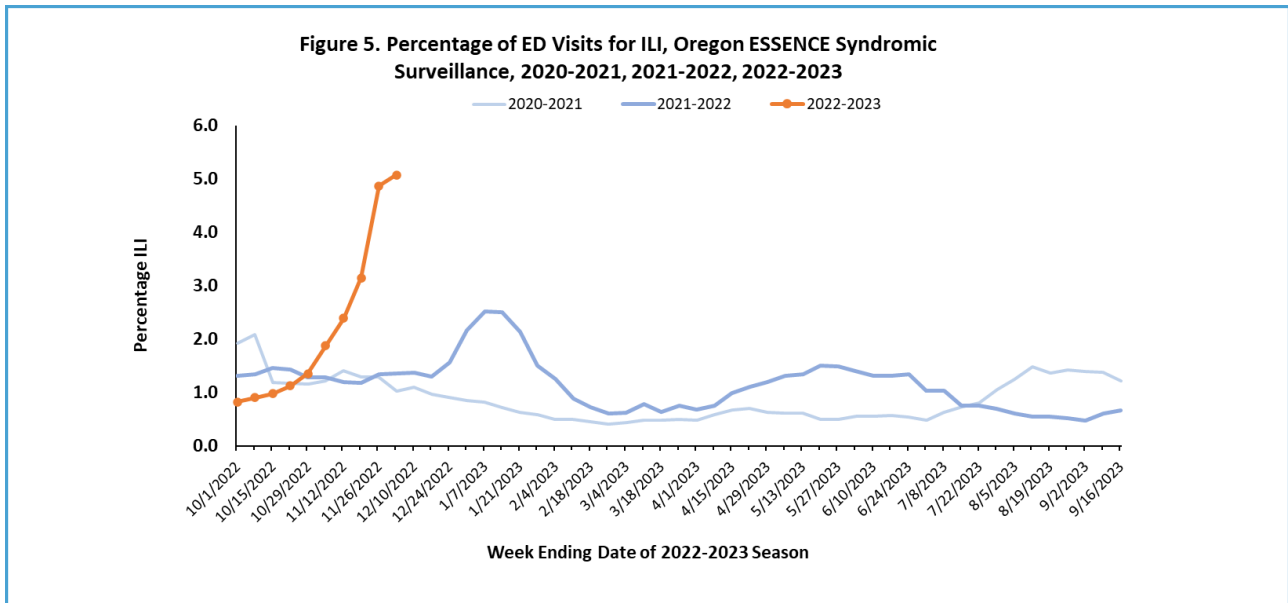
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: There were 8 influenza outbreaks reported during week 48, 2022, there have been 39 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 5.1% during week 48, 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 48, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

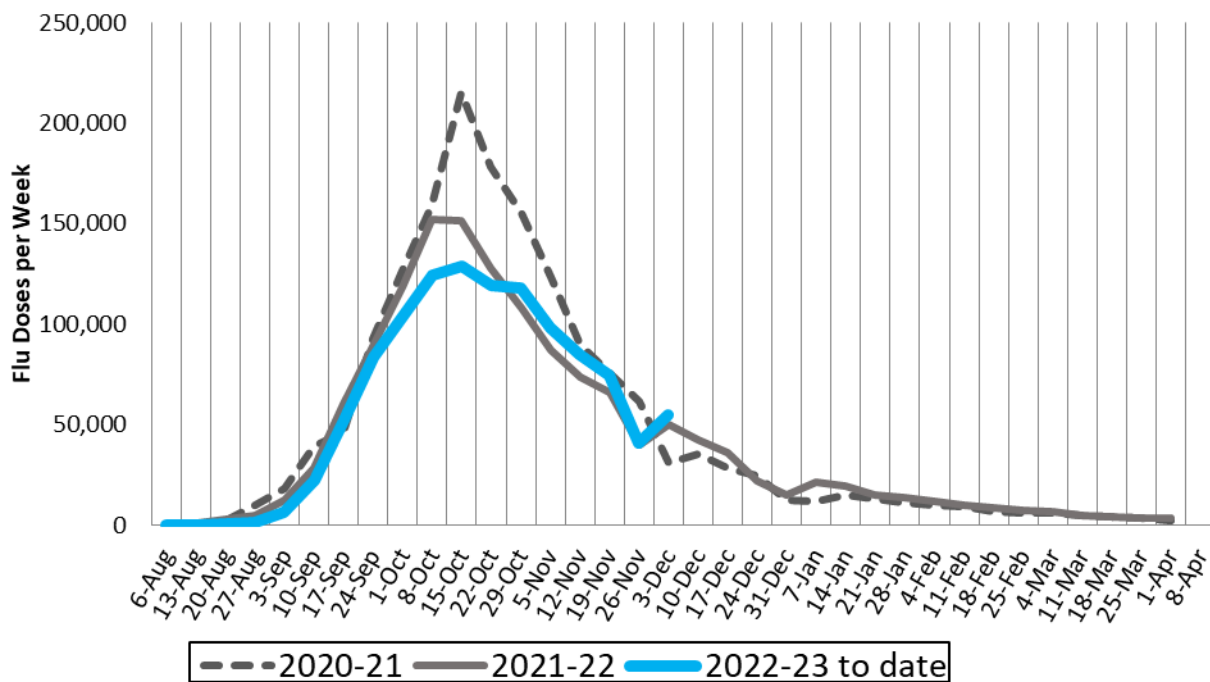
Influenza Immunizations:

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, ALERT IIS is showing a rebound in the number of new, weekly influenza immunizations as we go into December. This post-Thanksgiving rebound is consistent with weekly patterns seen in the prior 2021-22 season.

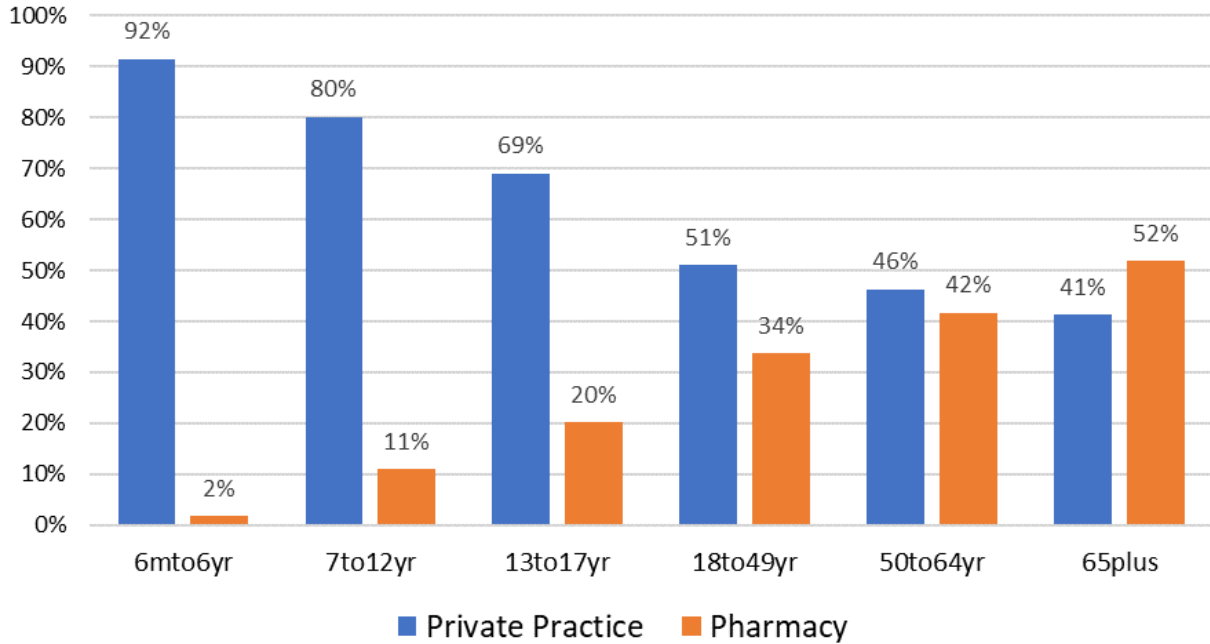
For this week, a chart is included comparing private practice sites vs pharmacies in giving influenza immunizations. Pharmacies give the majority of flu shots in Oregon to seniors. The role of pharmacies in immunizing children against influenza has also increased, providing 11% of flu shots to 7 to 12 year old's, and 20% of flu shots to 13 to 17 year old's. Overall, as of this date 51% of all influenza immunizations were given at private practice sites, with 38% at pharmacy, 2% at hospitals, 2% at public health sites, less than 1% from each of Indian Health or Department of Corrections, 3% at other provider sites, and 3% were reported by health plans or other non-provider sources. This week also marks the start of Veteran's Administration (VA) reporting of influenza immunizations to the ALERT IIS for select sites. The VA is major provider of adult influenza immunizations in many Oregon communities.

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.

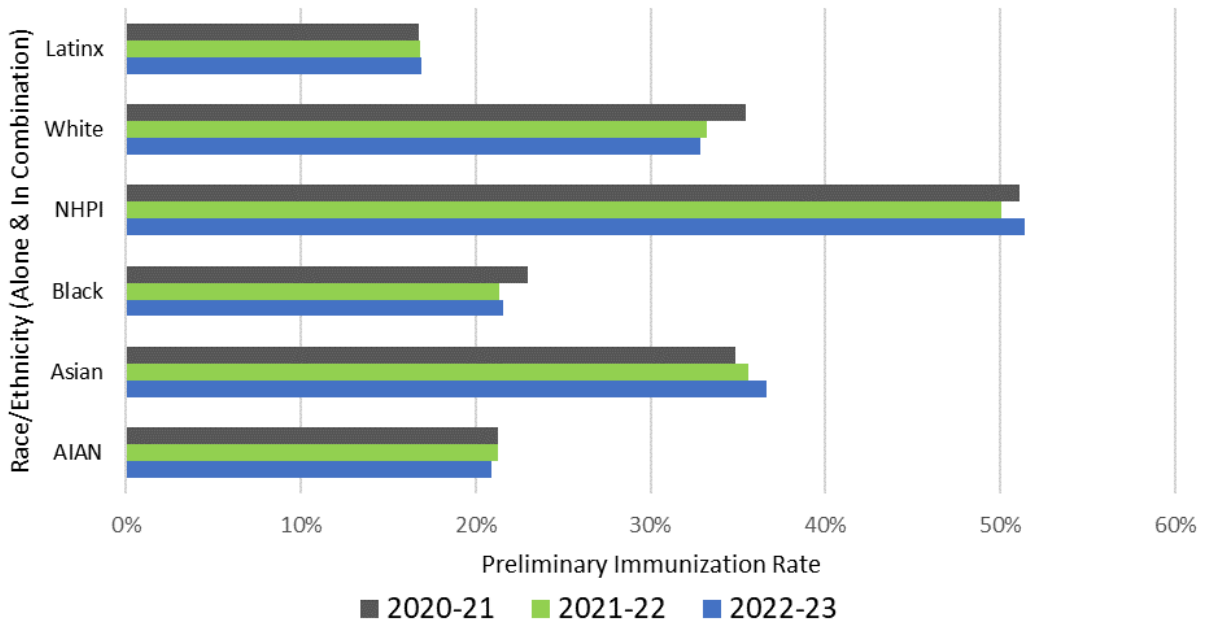
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Private Practice vs Pharmacy Influenza Immunization by Age



Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity as of Dec. 3rd 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 24.8% 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](#)

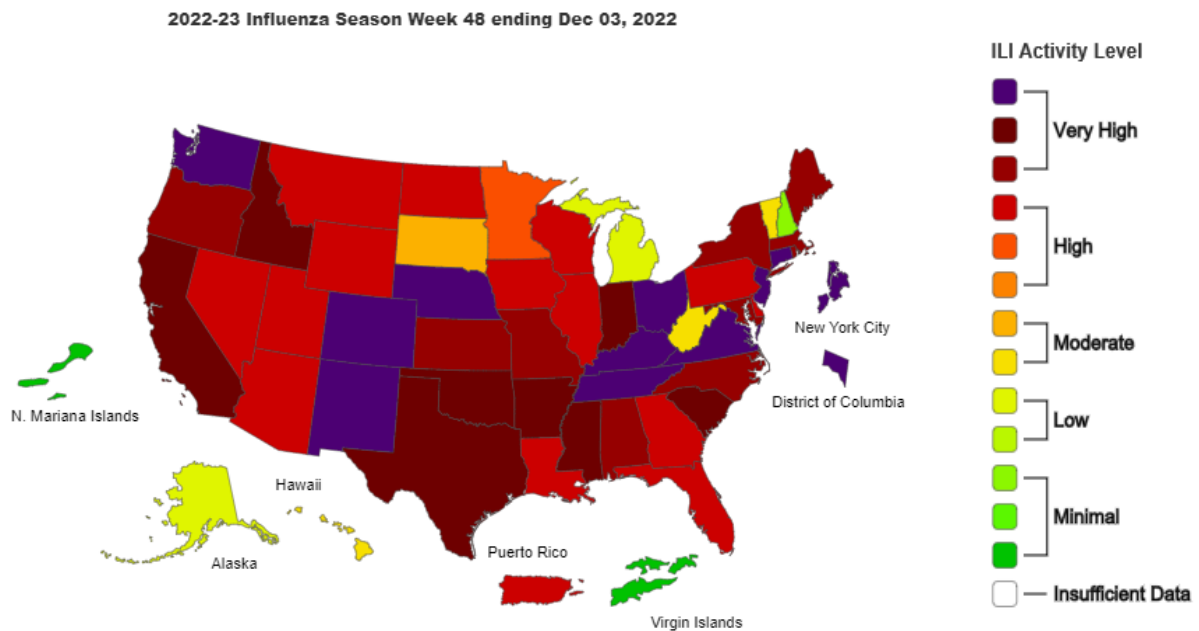
Illness

- **ILINet Outpatient Illness:** Nationwide during week 48, 7.2% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 46 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 5.4% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 26 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 25,906 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 10.3% 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:** 7 influenza related deaths were reported this week, 21 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>

Oregon Public Health Division

Published December 2nd, 2022

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

	Current Week (47)	Previous Week (46)
Percentage positive influenza tests¹	30.1%	16.3%
Portland tri-county influenza-associated hospitalizations²	78	50
Reported influenza outbreaks³	11	9
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	4.9%	3.1%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties.

³Based on reports made to the Oregon Health Authority

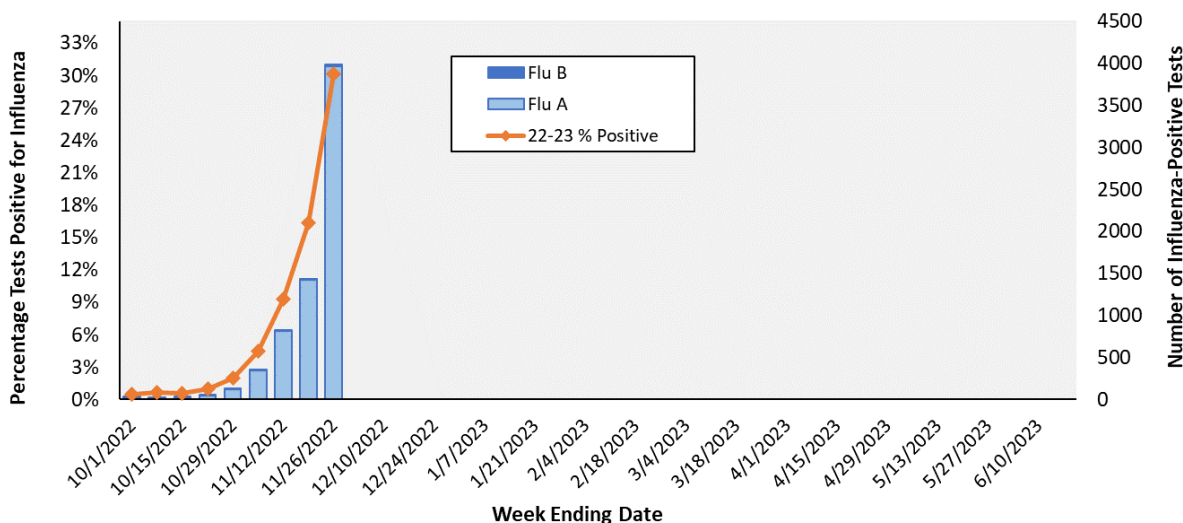
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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](#).

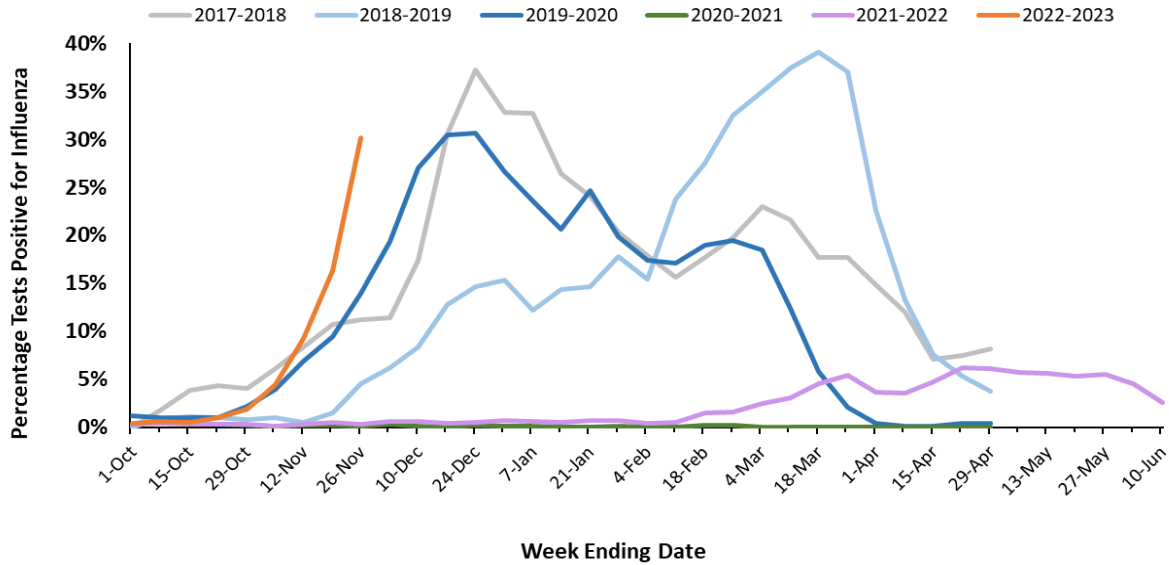
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

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%
State Total	13218	3982	30.1%	3968	99.6%	14	0.4%

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

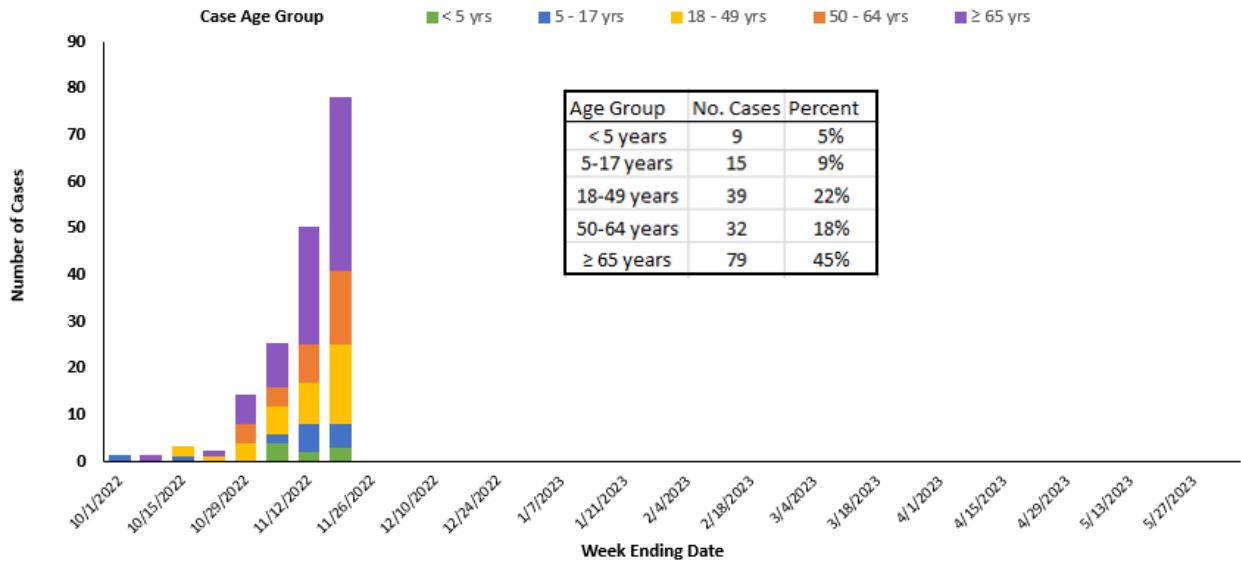


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

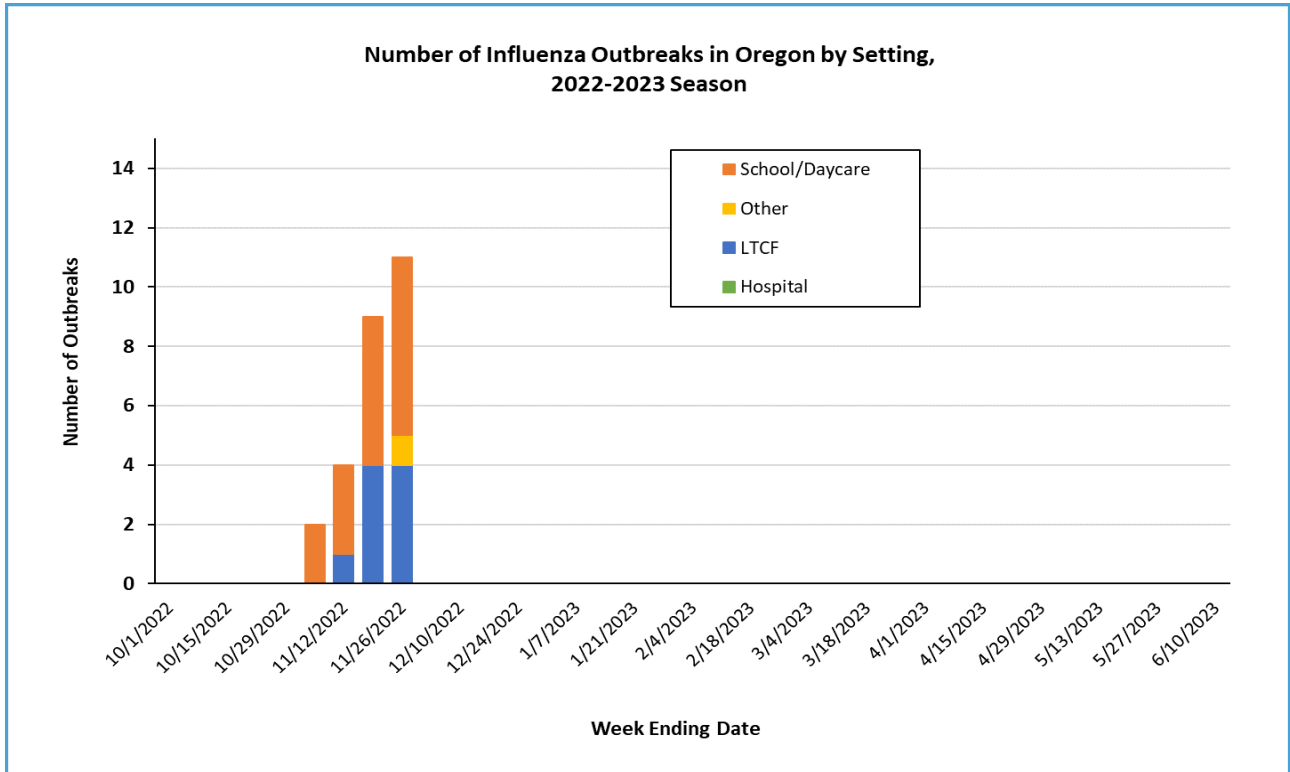


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 78 influenza-associated hospitalization reported during week 47 of 2022. There has been 174 reported hospitalization during the 2022-2023 season.

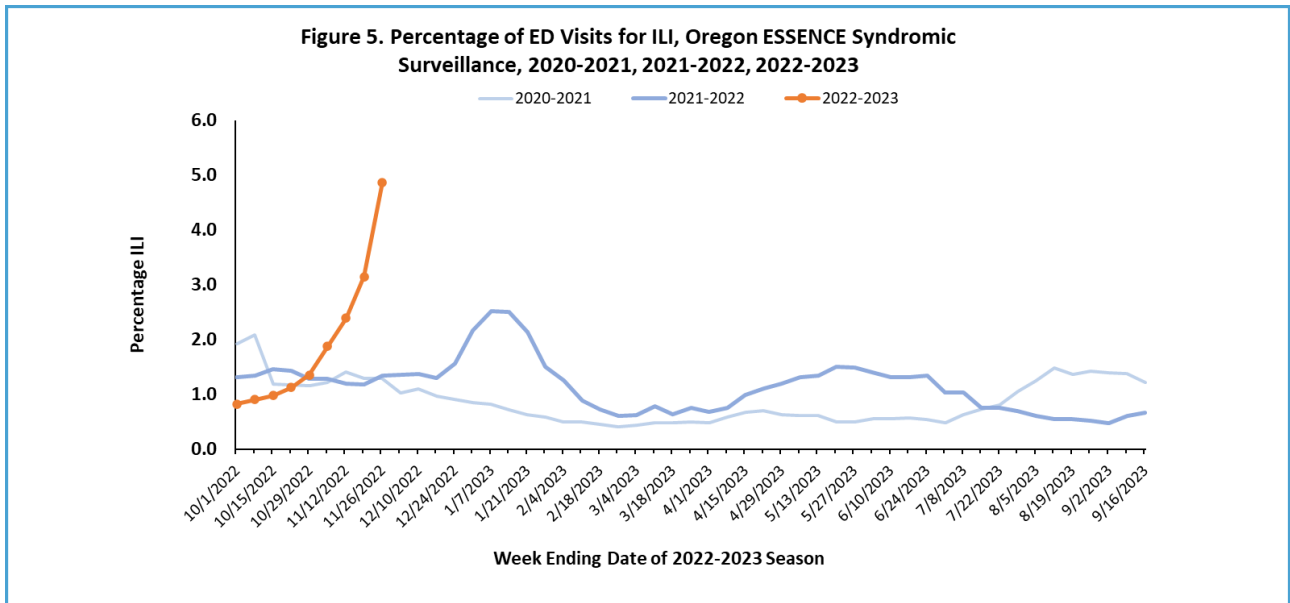
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



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.



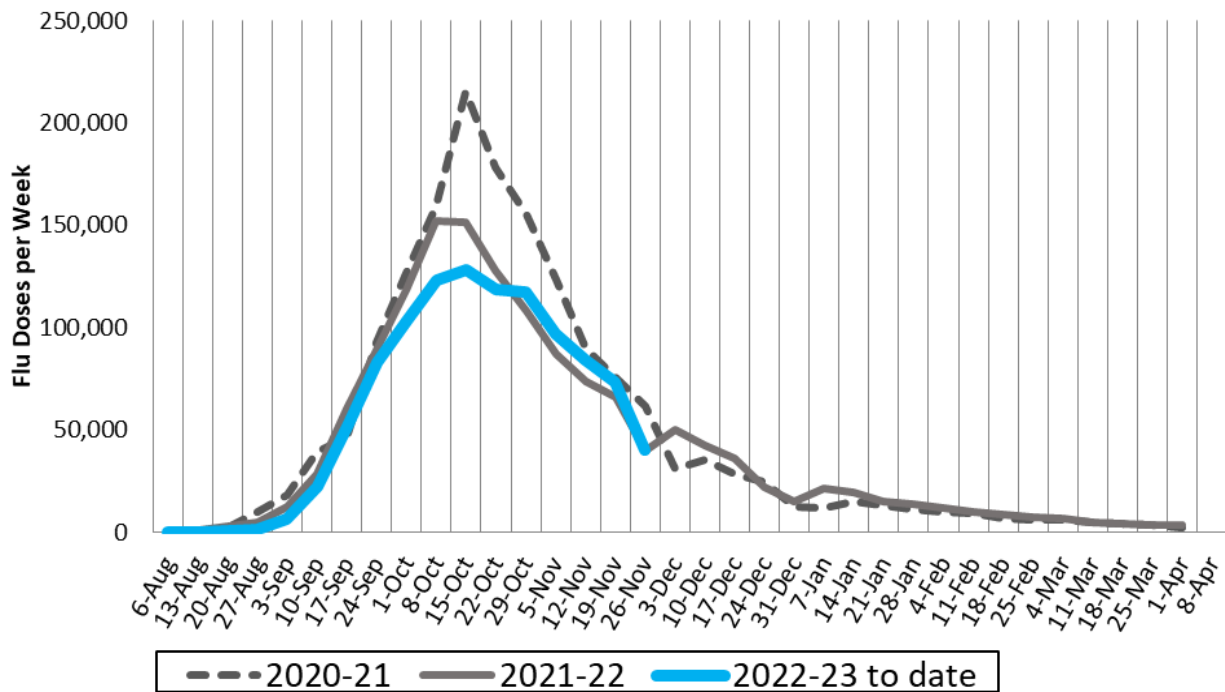
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 47, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023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

Influenza Immunizations:

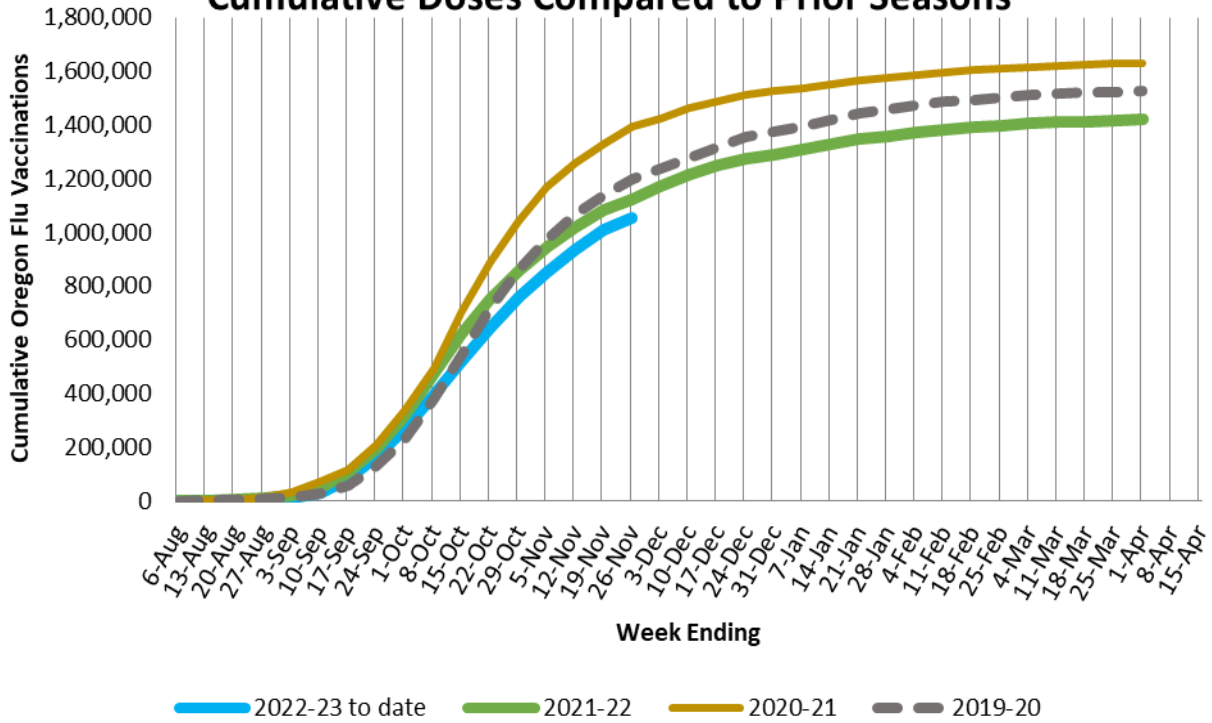
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon's registry of immunizations given to people in Oregon. As of the current date, the count of new, weekly influenza immunizations 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.

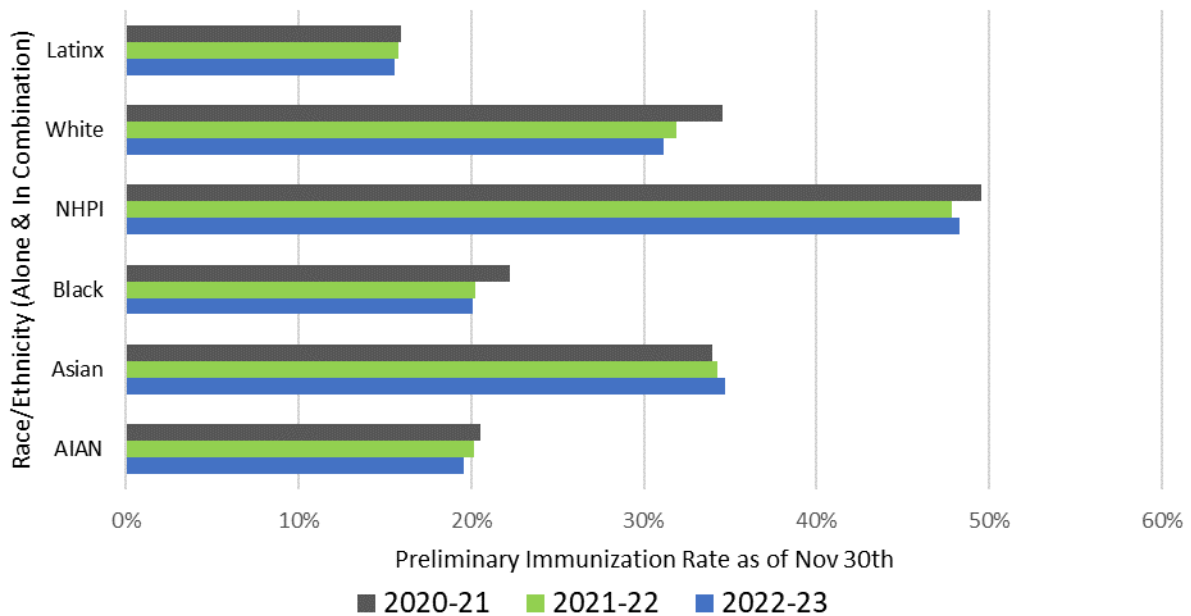
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



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](#)

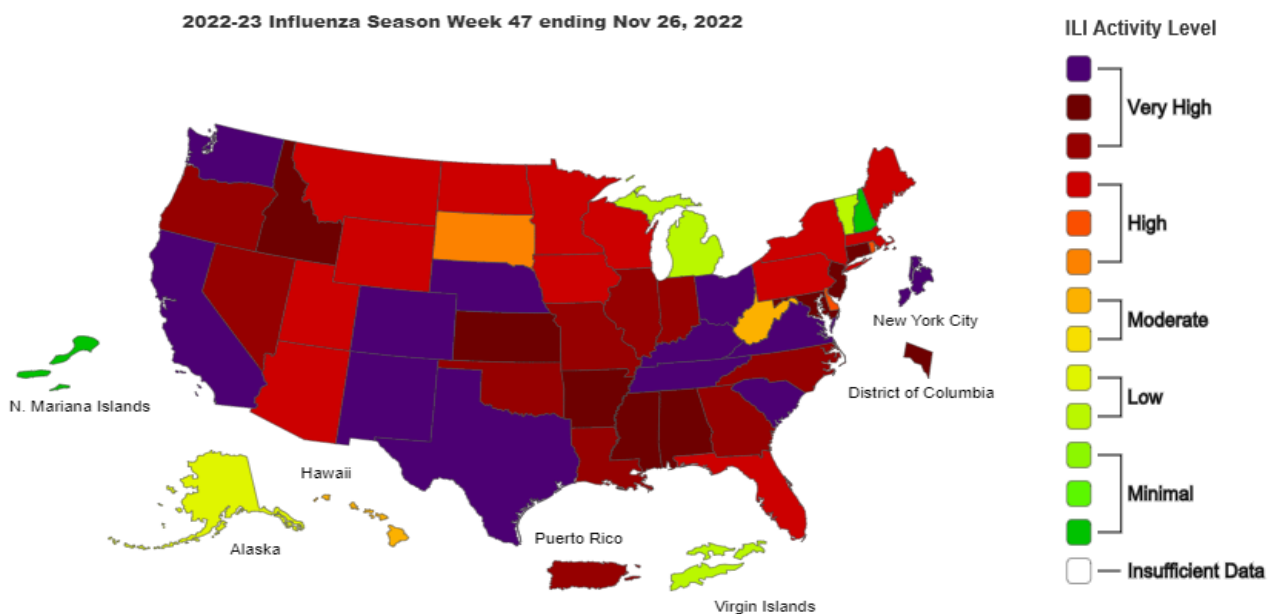
Illness

- **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 ≥ 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>

Oregon Public Health Division

Published November 28th, 2022

Data at a Glance November 13th 2022 - November 19th 2022 (Week 46)

	Current Week (46)	Previous Week (45)
Percentage positive influenza tests¹	16.3%	9.3%
Portland tri-county influenza-associated hospitalizations²	22	15
Reported influenza outbreaks³	10	4
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	3.1%	2.4%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

³Based on reports made to the Oregon Health Authority

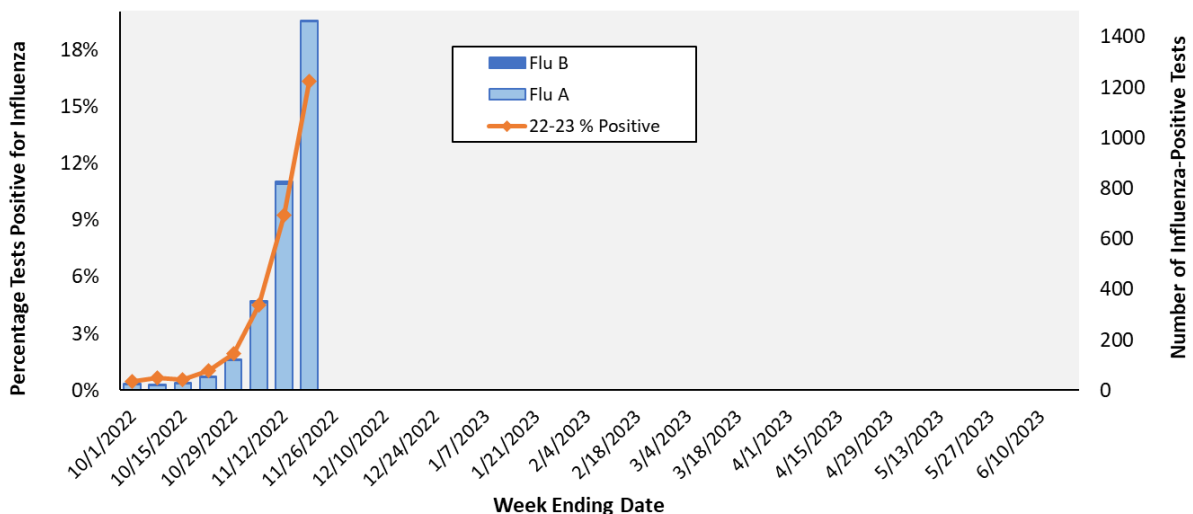
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

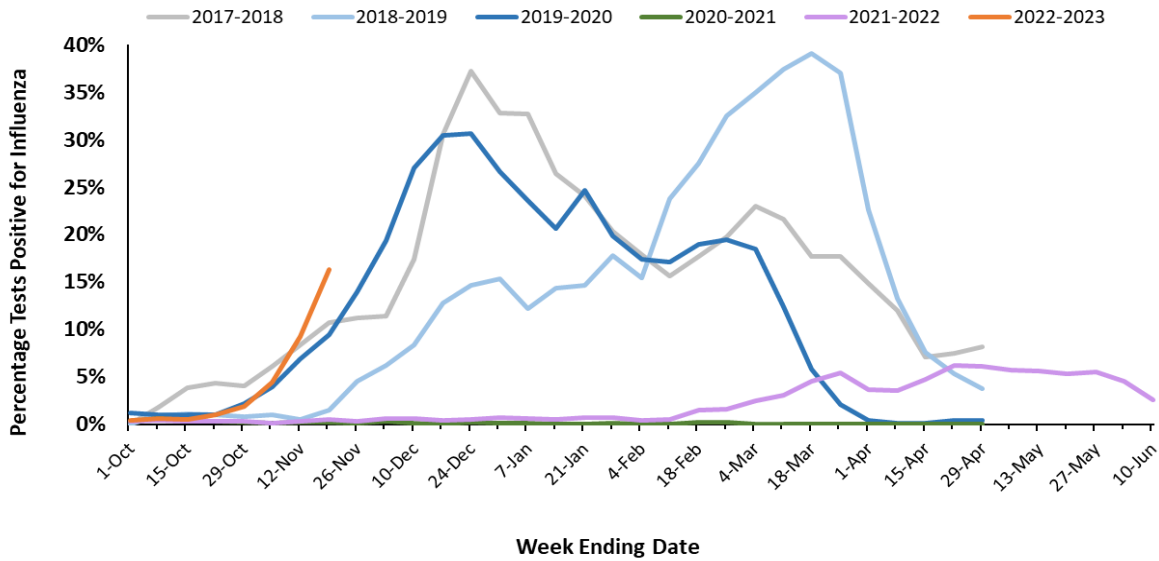
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive			Flu A		Flu B	
	Total Tests	No.	(%)	No.	(%)	No.	(%)
Portland Metro	4738	646	13.6%	646	100.0%	0	0.0%
Southern Oregon	1544	295	19.1%	294	99.7%	1	0.3%
Columbia Gorge	575	160	27.8%	159	99.4%	1	0.6%
Central Oregon	1461	278	19.0%	277	99.6%	1	0.4%
Willamette Valley	646	85	13.2%	85	100.0%	0	0.0%
State Total	8964	1464	16.3%	1461	99.8%	3	0.2%

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

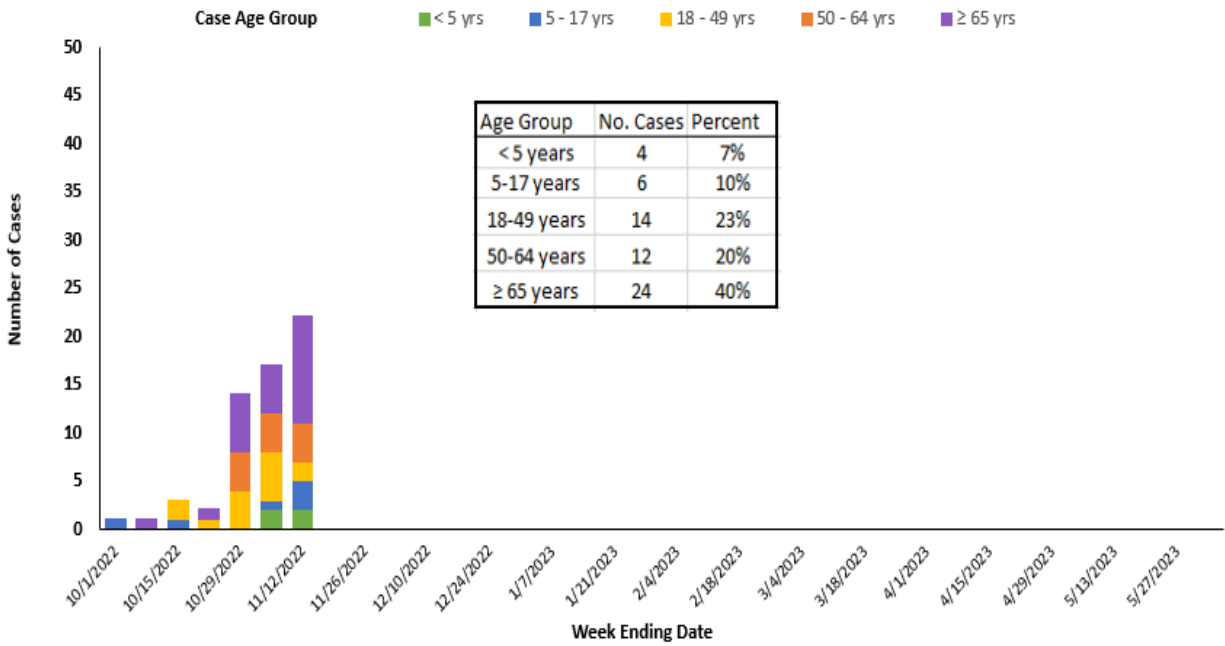


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

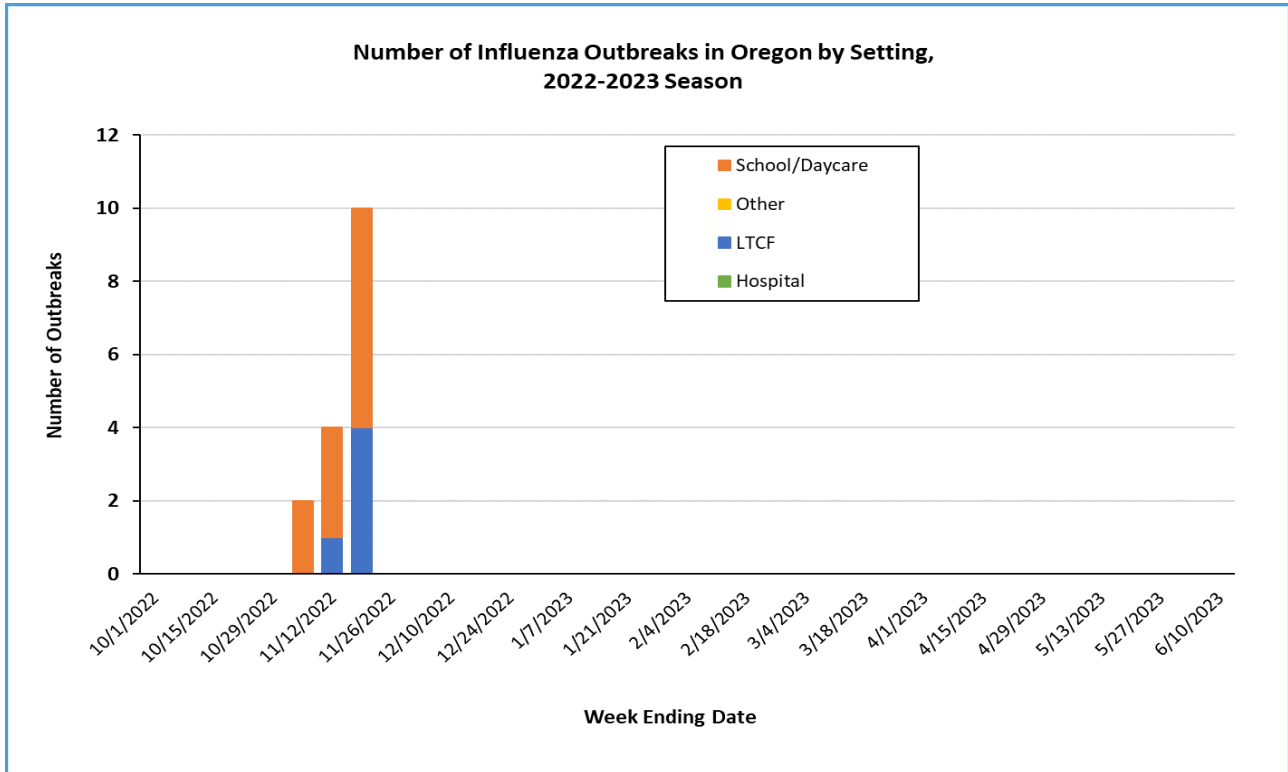


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 22 influenza-associated hospitalization reported during week 46 of 2022. There has been 60 reported hospitalization during the 2022-2023 season.

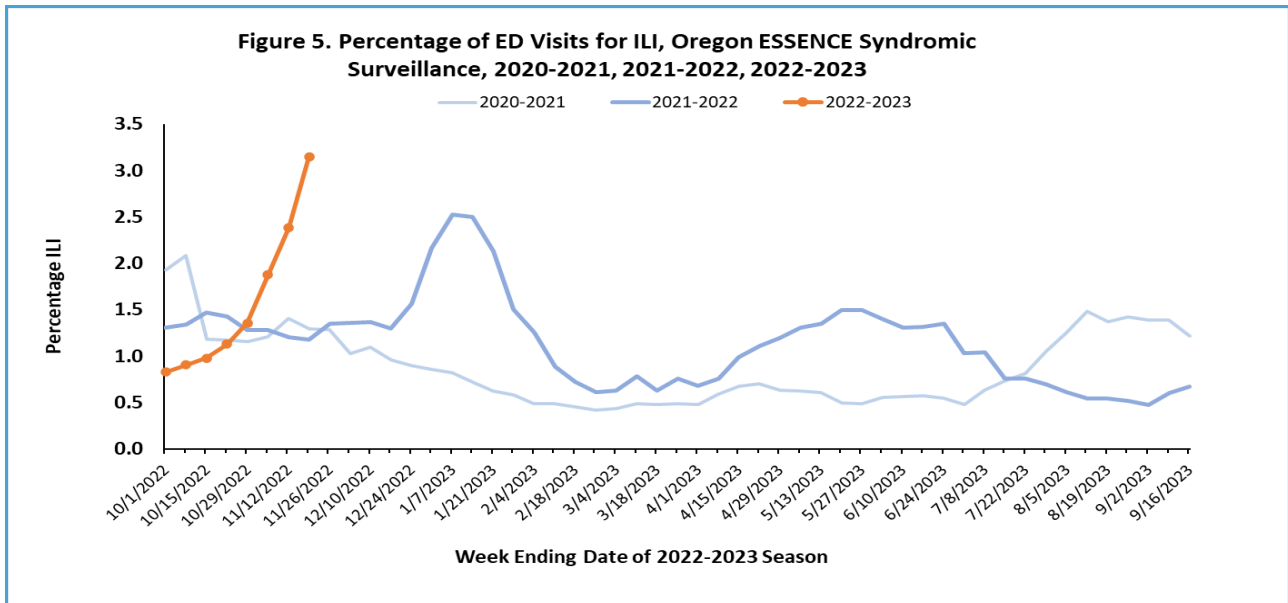
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: There were 10 influenza outbreaks reported during week 46, 2022, there have been 16 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 3.1% during week 46, 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 46, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

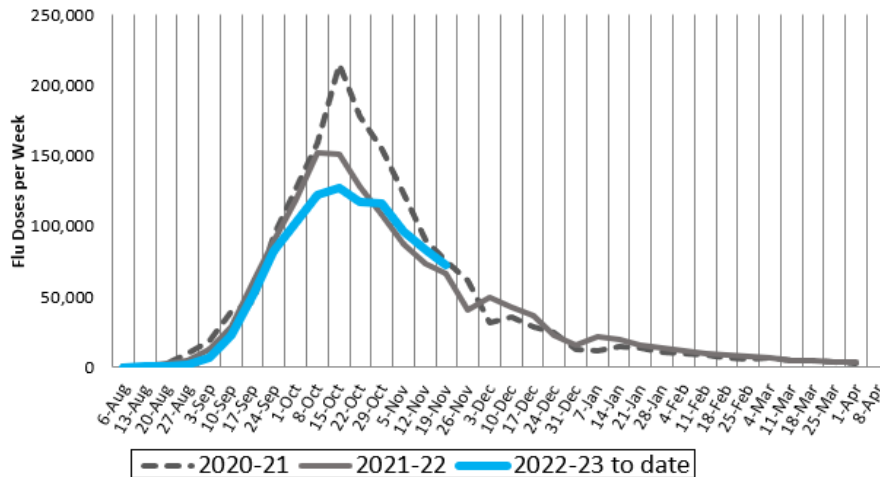
Influenza Immunizations:

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 Nov. 25th, the ALERT IIS has passed the one million record mark for influenza immunizations given to Oregonians this season. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. Total influenza immunizations remain below that of the last two seasons at this time.

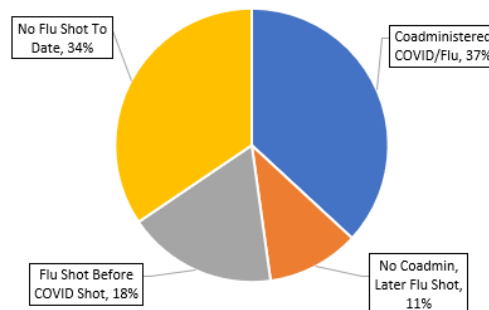
Declines in influenza immunizations for this season and the prior 2021-22 season compared to the 2020-21 are likely related to the overlap of COVID-19 booster recommendations and peak influenza immunization periods. Generally those getting a COVID-19 immunization by itself are unlikely to return later for a missed influenza immunization. Co-administering influenza immunizations at COVID-19 shot visits when possible is recommended. For this week we are including additional information around COVID and influenza immunizations. For the over 700,00 adults receiving COVID-19 immunizations from 9/1/22 to 11/21/22, 37% had a coadministered influenza immunization. For those who did not coadminister and did not have a prior flu shot, 76% did not return for a later flu shot. Age was not a substantial factor here- co-administration rates increased only from 35% to 36% from age 25 to 54, and from 36% to 39% from age 55 to 75+. Differences also exist by race and ethnicity, with White Oregonians having the highest coadministration rate.

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.

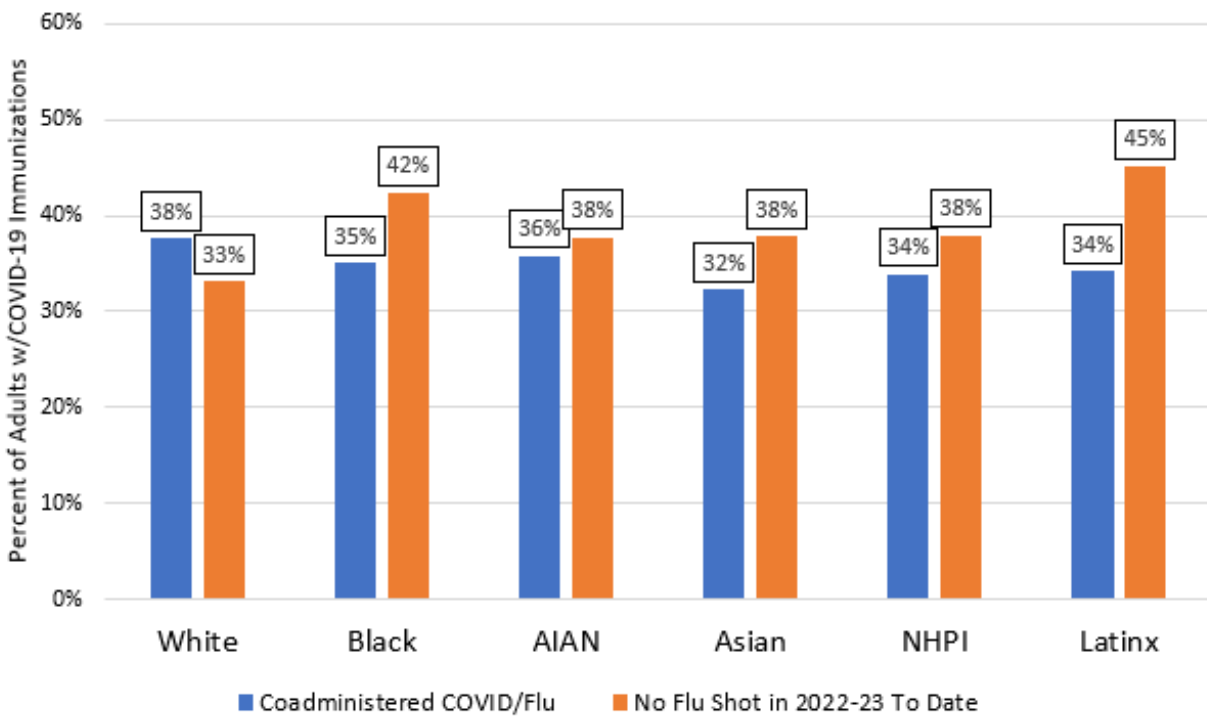
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



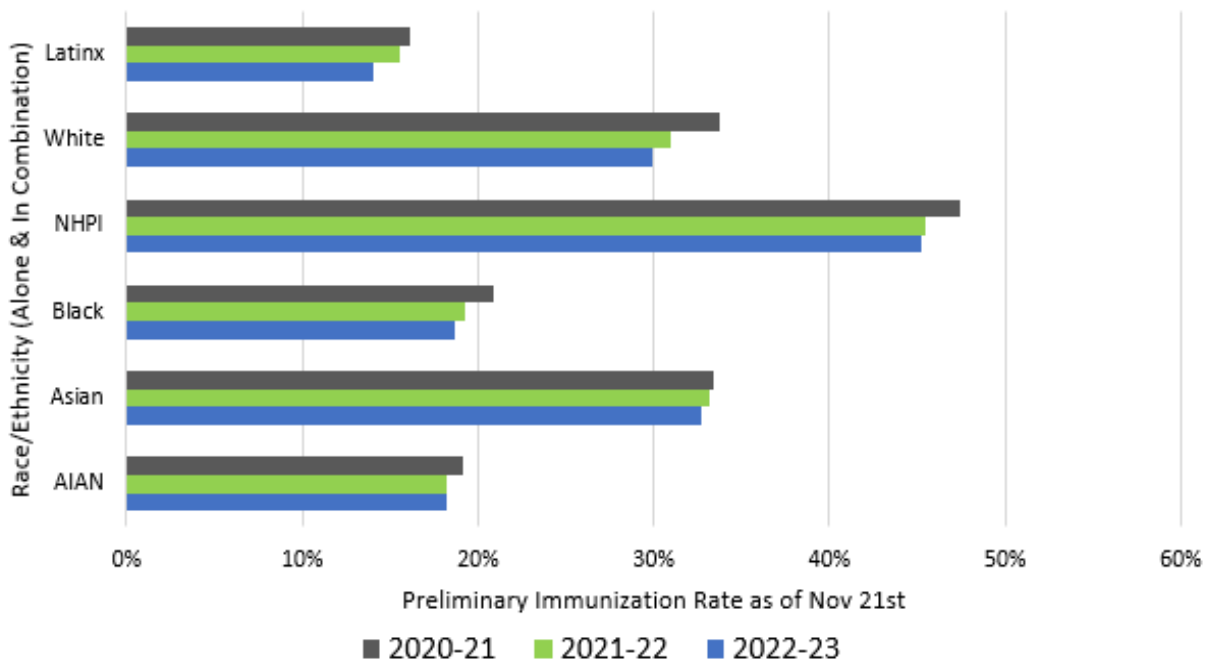
Oregon Adults With COVID Immunizations 9/1/22 to 11/21/22 By Flu Immunization Status



Influenza Immunization Status for Oregon Adults With COVID-19 Immunizations from Sept 1st to Nov 21st, by Race & Ethnicity



Preliminary Estimates of Oregon Influenza Immunization Rates by Race/Ethnicity as of Nov. 21st 2022, 3 Seasons



Oregon Public Health Division

Published November 18th, 2022

Data at a Glance November 6th 2022 - November 12th 2022 (Week 45)

	Current Week (45)	Previous Week (44)
Percentage positive influenza tests ¹	9.3%	4.5%
Portland tri-county influenza-associated hospitalizations ²	15	13
Reported influenza outbreaks ³	4	2
Influenza-associated pediatric mortality ³	0	0
Percentage of emergency department visits for ILI ⁴	2.4%	1.9%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

³Based on reports made to the Oregon Health Authority

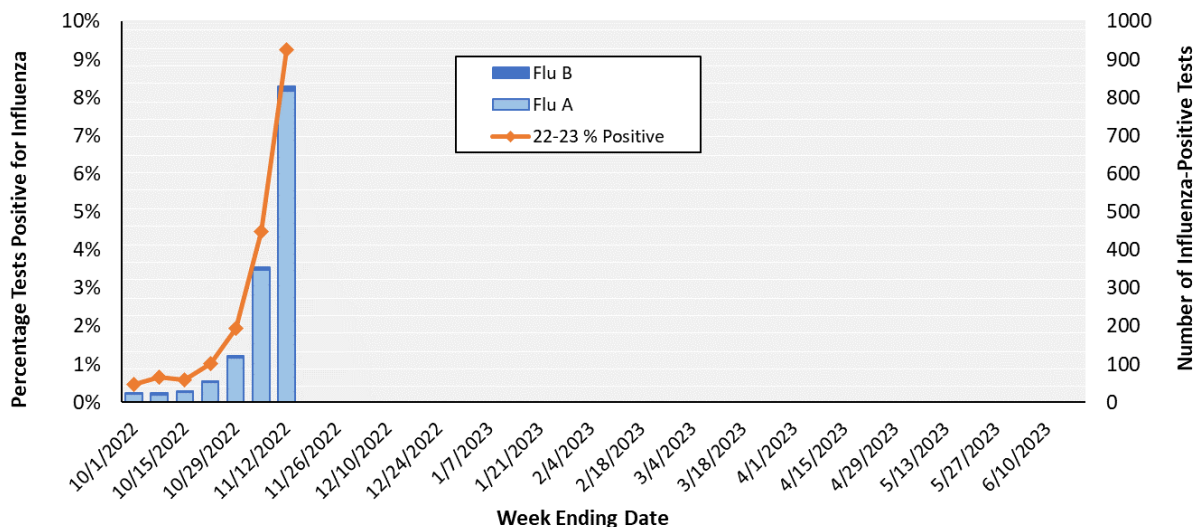
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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](#).

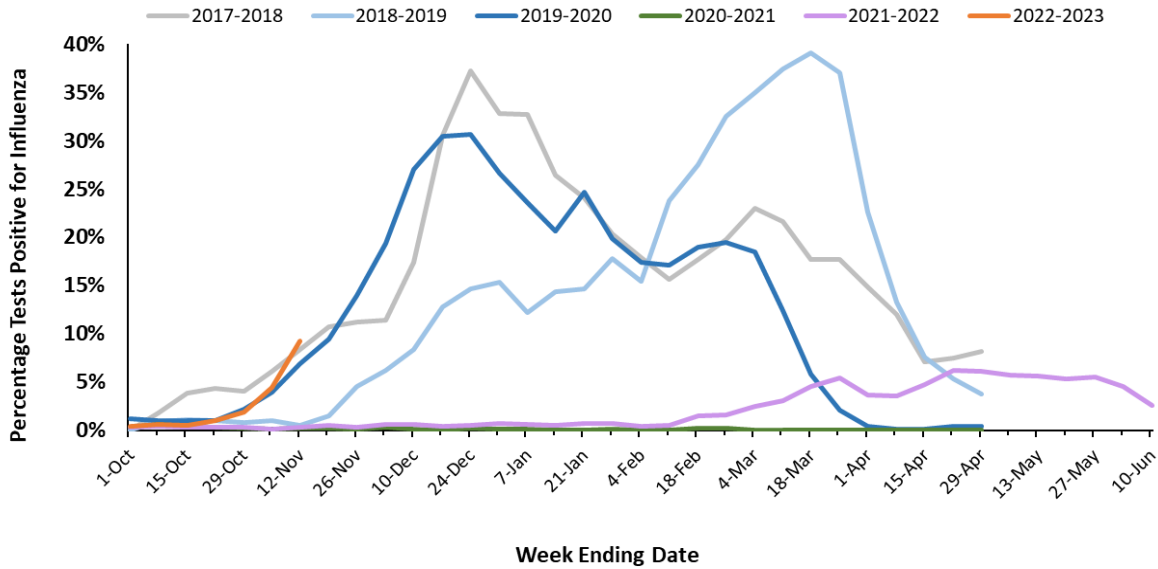
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive			Flu A		Flu B	
	Total Tests	No.	(%)	No.	(%)	No.	(%)
Portland Metro	5423	402	7.4%	401	99.8%	1	0.2%
Southern Oregon	1005	97	9.7%	93	95.9%	4	4.1%
Columbia Gorge	377	57	15.1%	56	98.2%	1	1.8%
Central Oregon	1293	210	16.2%	206	98.1%	4	1.9%
Willamette Valley	840	62	7.4%	62	100.0%	0	0.0%
State Total	8938	828	9.3%	818	98.8%	10	1.2%

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

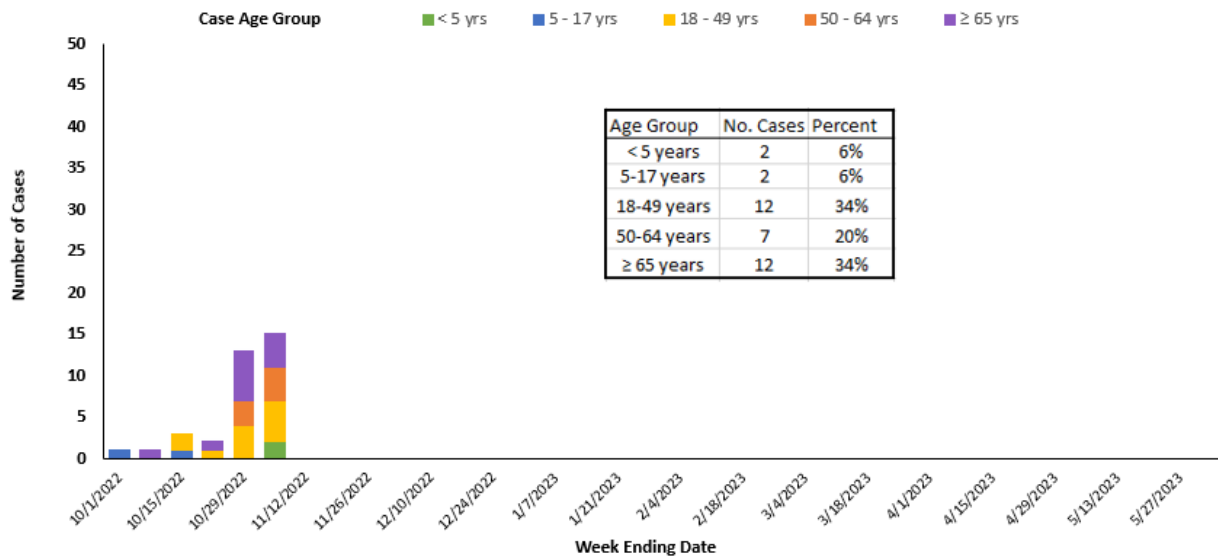


**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**

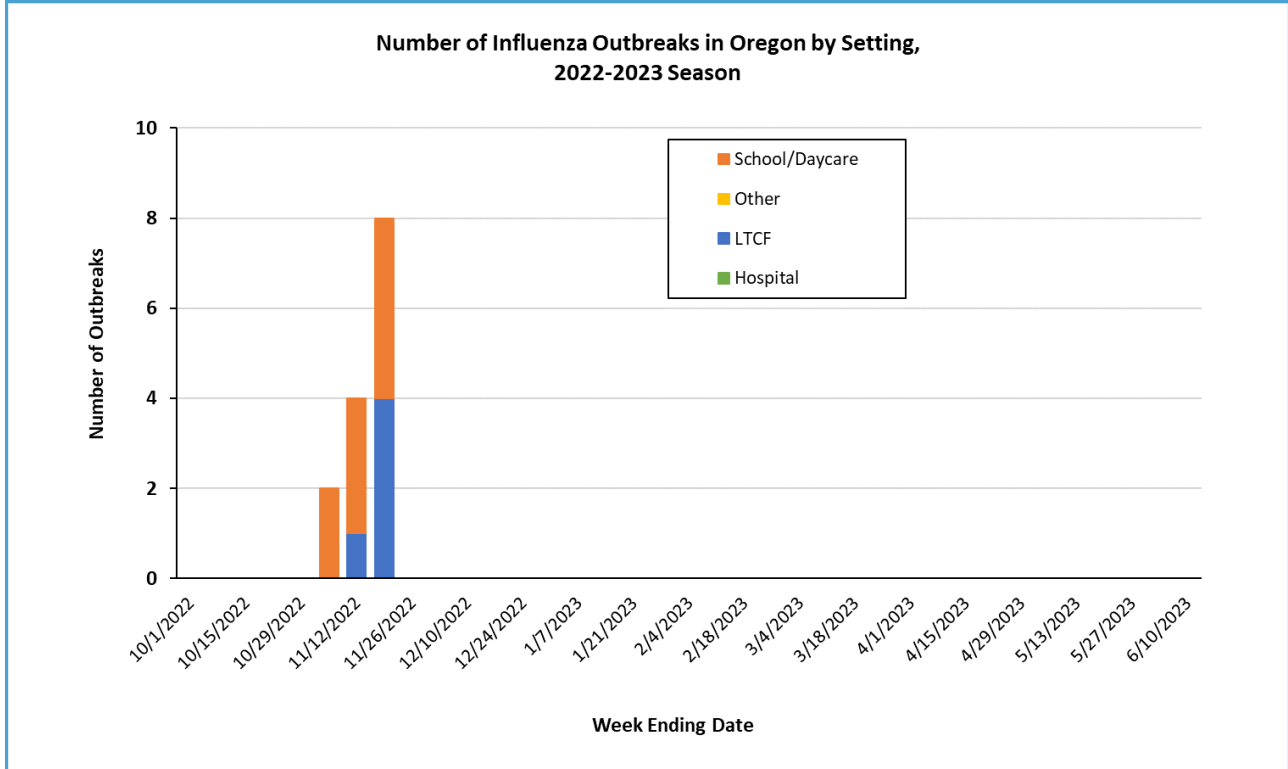


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 15 influenza-associated hospitalization reported during week 45 of 2022. There has been 35 reported hospitalization during the 2022-2023 season.

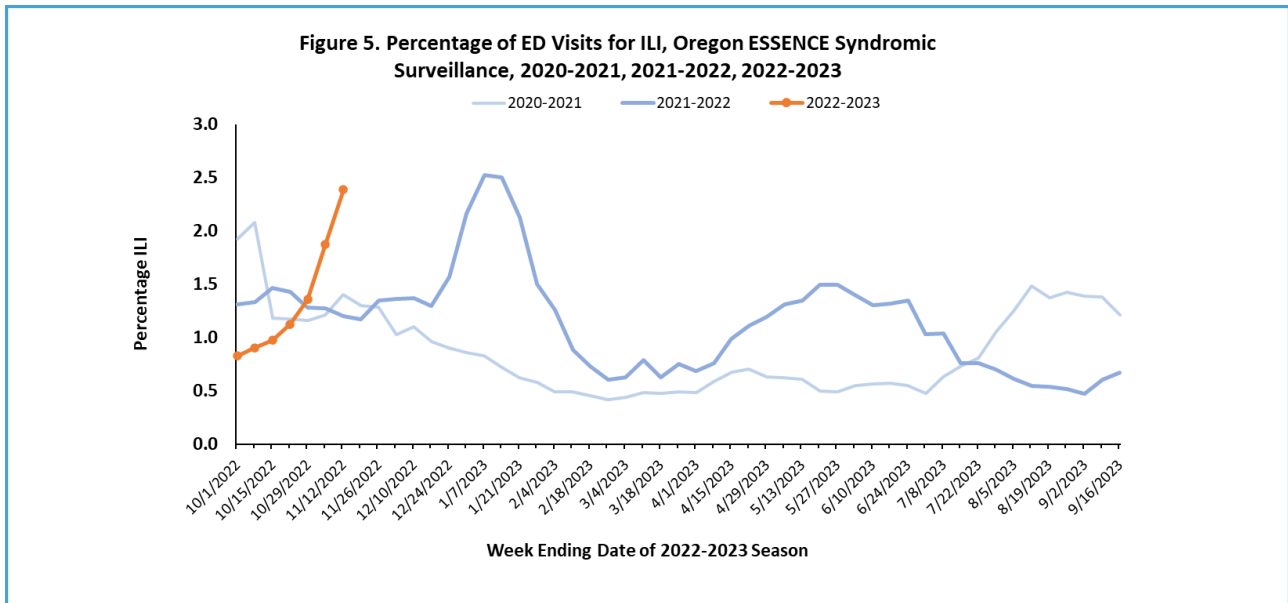
**Figure 3. Portland Metro Area Influenza-Associated Hospitalizations
by Week and Age Group, 2022-2023 Season**



Influenza Outbreaks: There were 4 influenza outbreaks reported during week 45, 2022, there have been 14 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 9.3% during week 45, 2022.



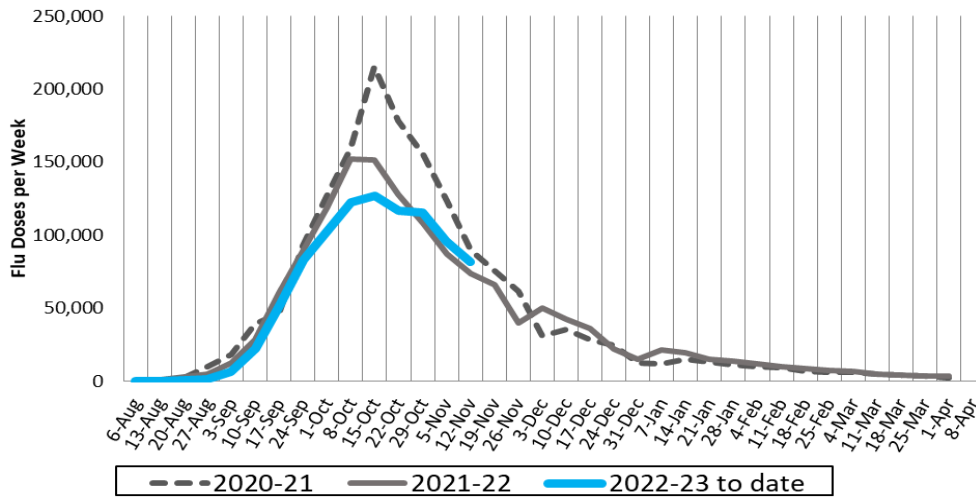
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 45, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

Influenza Immunizations:

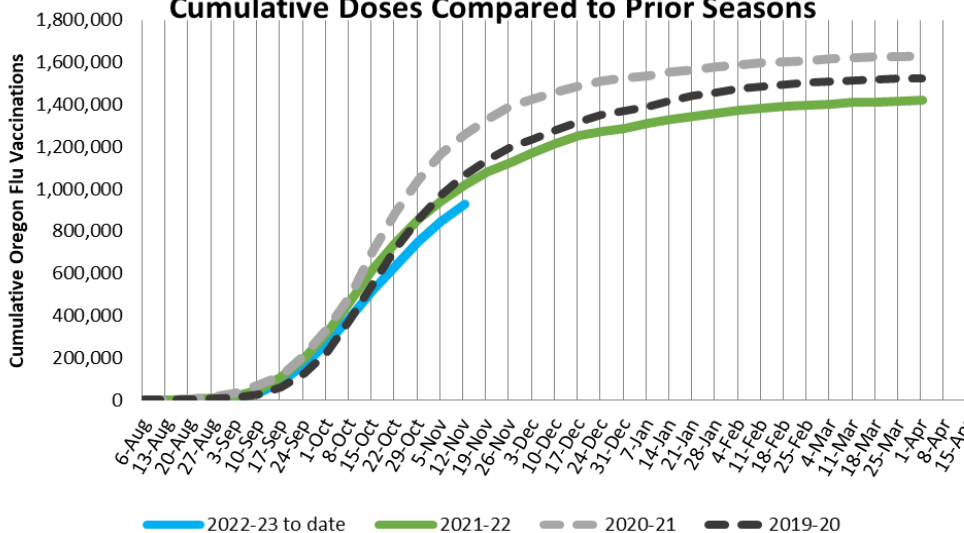
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of Nov. 18th, the ALERT IIS has records for over 930,000 influenza immunizations given since July 31st of 2022. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. Weekly totals for this season are currently declining past a peak in mid-October, and are substantially lower than in previous 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. Currently Oregon is approximately 2/3rds through the immunization season, and the rates shown below will continue to increase through the rest of the season. The chart below reflects a long-standing disparity in Oregon for Black, Latinx, and AIAN populations in terms of influenza immunization. Note that in past seasons, AIAN influenza immunization rates generally show greater gains in December and January compared to Black and Latinx populations. 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.

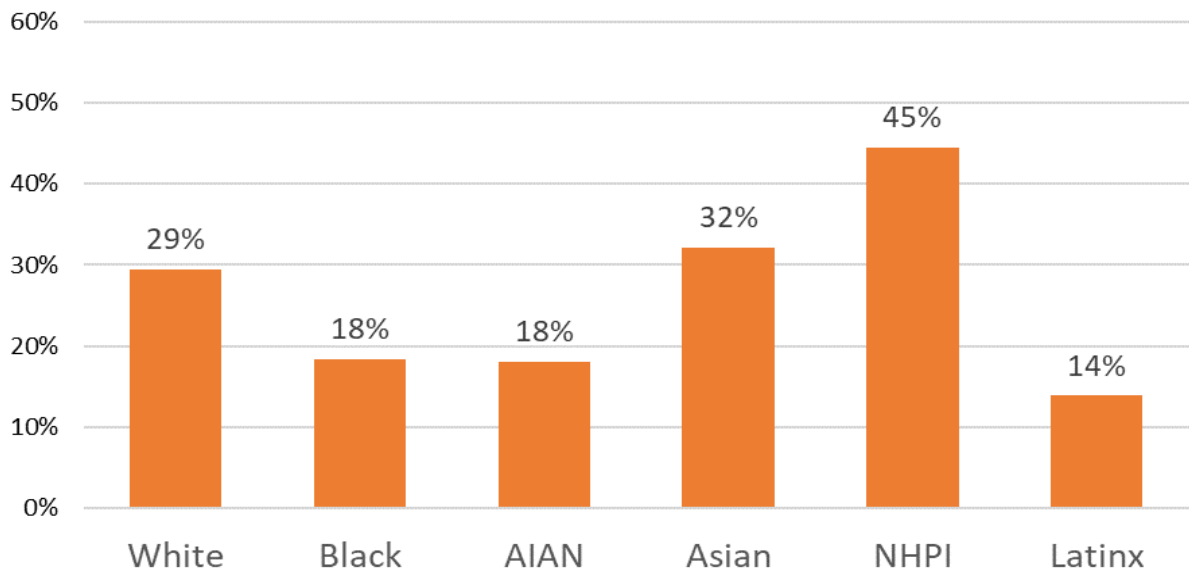
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



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



Oregon Influenza Immunization Rate Estimates, as of Nov. 16th of 2022, by Race & Ethnicity, All Ages



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 14.7% 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](#)

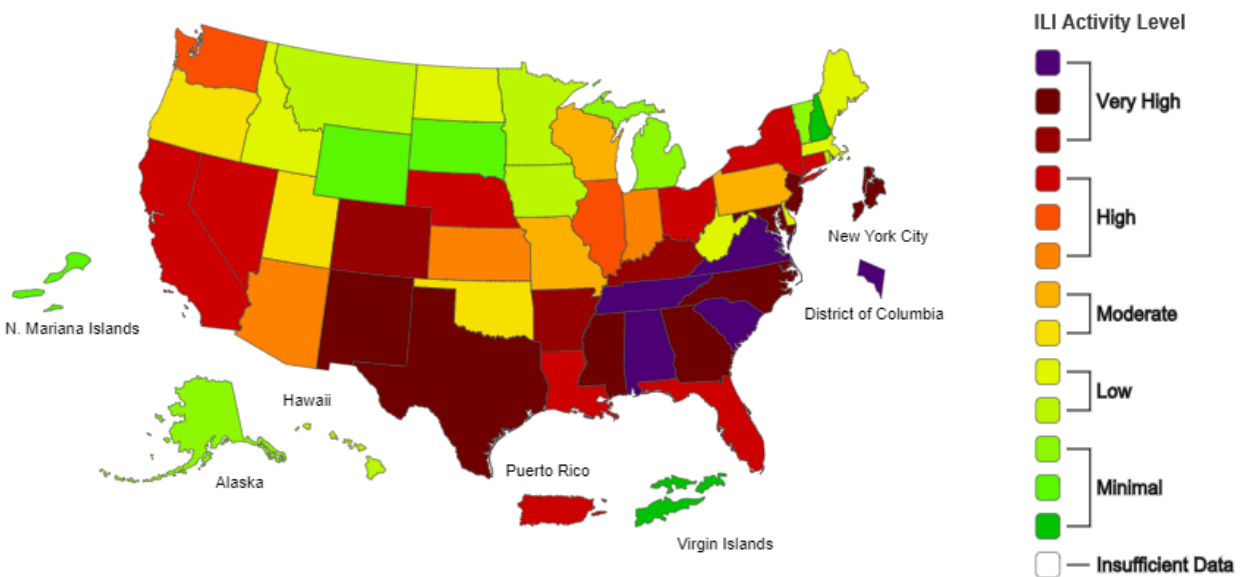
Illness

- **ILINet Outpatient Illness:** Nationwide during week 45, 5.8% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 30 jurisdictions experienced high or very high activity and 6 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 1.2% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 8.1 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 8,707 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 9.4% 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 6.2% for this week.
- **Pediatric Deaths:** 2 influenza related deaths were reported this week, 7 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>

Oregon Public Health Division

Published November 14th, 2022

Data at a Glance October 30th 2022 - November 5th 2022 (Week 44)

	Current Week (44)	Previous Week (43)
Percentage positive influenza tests¹	4.5%	2.0%
Portland tri-county influenza-associated hospitalizations²	10	2
Reported influenza outbreaks³	4	1
Influenza-associated pediatric mortality³	0	0
Percentage of emergency department visits for ILI⁴	1.9%	1.4%

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

²Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

³Based on reports made to the Oregon Health Authority

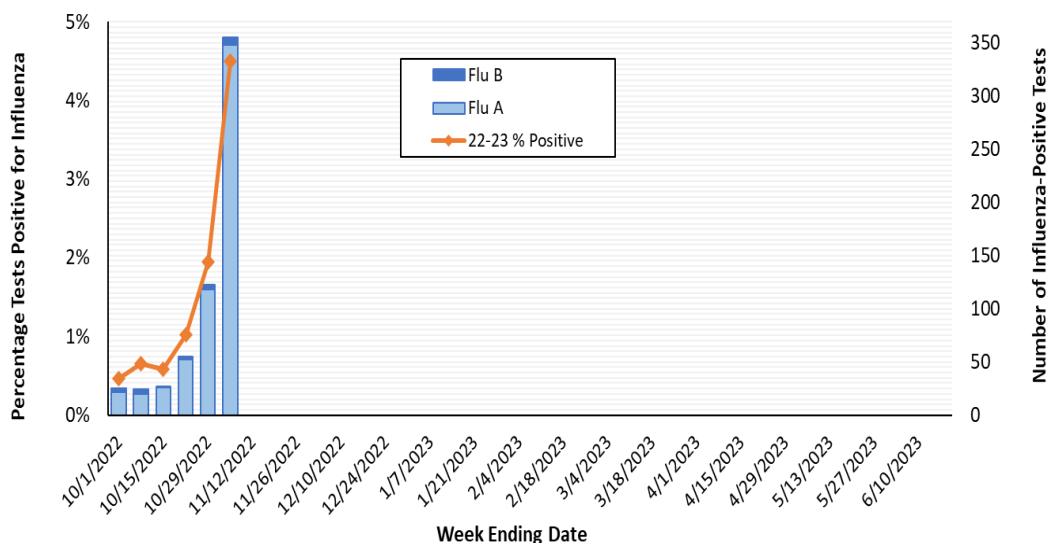
⁴Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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](#).

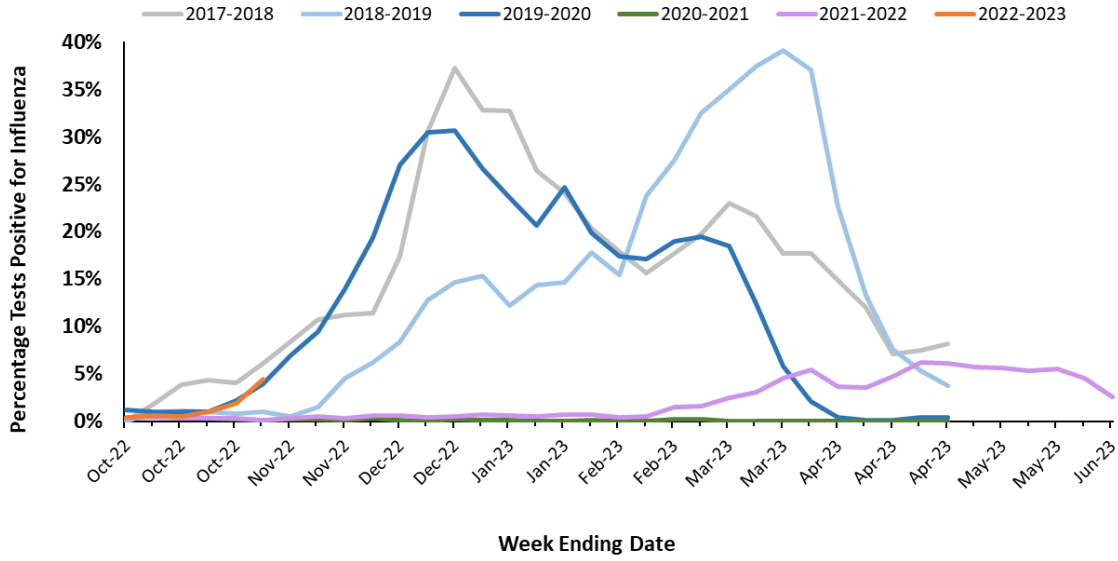
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive			Flu A		Flu B	
	Total Tests	No.	(%)	No.	(%)	No.	(%)
Portland Metro	4794	178	3.7%	176	98.9%	2	1.1%
Southern Oregon	1026	44	4.3%	43	97.7%	1	2.3%
Columbia Gorge	281	27	9.6%	27	100.0%	0	0.0%
Central Oregon	955	78	8.2%	75	96.2%	3	3.8%
Willamette Valley	846	28	3.3%	27	96.4%	1	3.6%
State Total	7902	355	4.5%	348	98.0%	7	2.0%

**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**



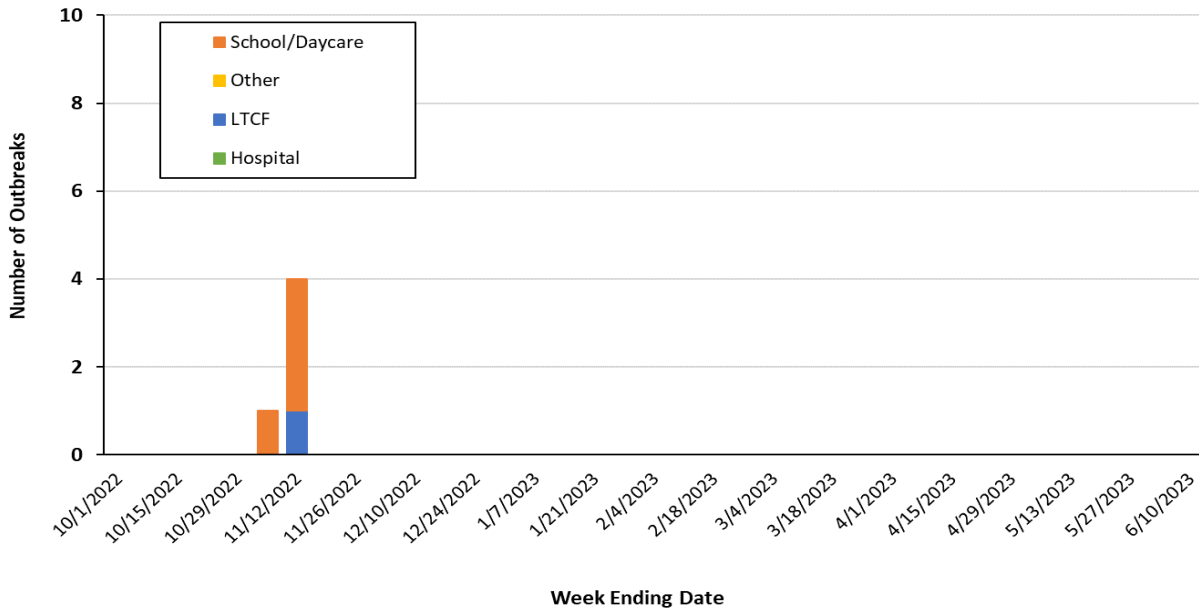
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 10 influenza-associated hospitalization reported during week 44 of 2022. There has been 18 reported hospitalization during the 2022-2023 season.

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



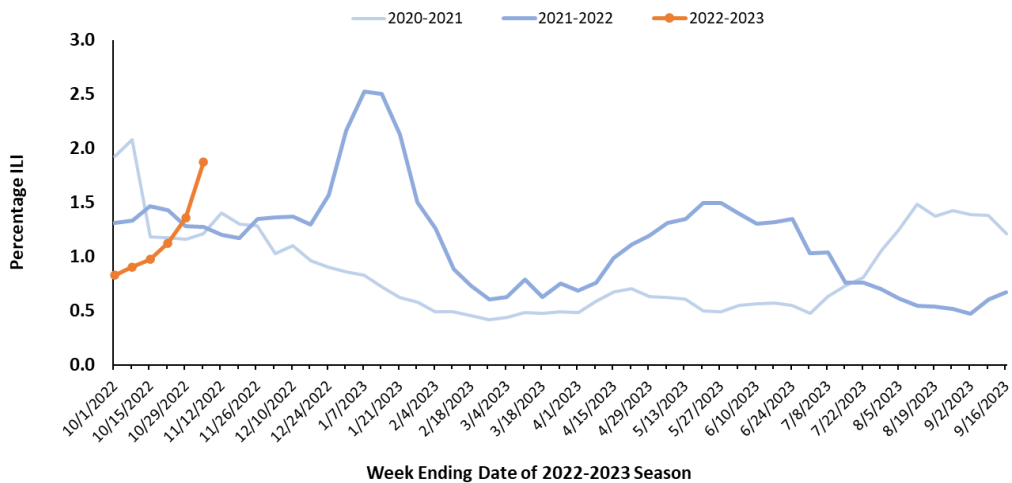
Influenza Outbreaks: There were 4 influenza outbreaks reported during week 44, 2022, there has been 5 reported outbreaks during the 2022-2023 season.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 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 1.9% during week 44, 2022.

Figure 5. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 44, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

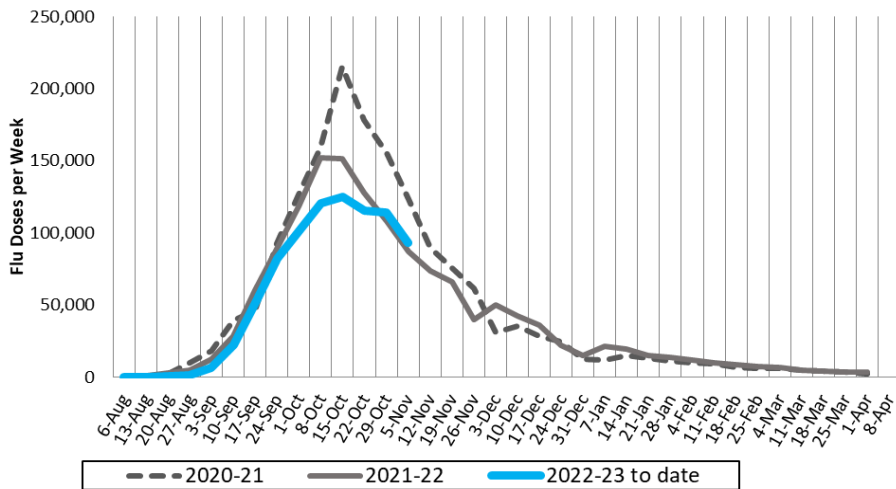
Influenza Immunizations:

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 Nov. 11th, the ALERT IIS has records for over 860,000 influenza immunizations given since July 31st of 2022. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. To date, weekly influenza immunization levels this season have run behind those of the past two seasons. Weekly totals for this season are currently declining past a peak in mid-October. At this point it is likely that influenza immunization rates in Oregon for the current season will fall substantially behind rates for prior seasons.

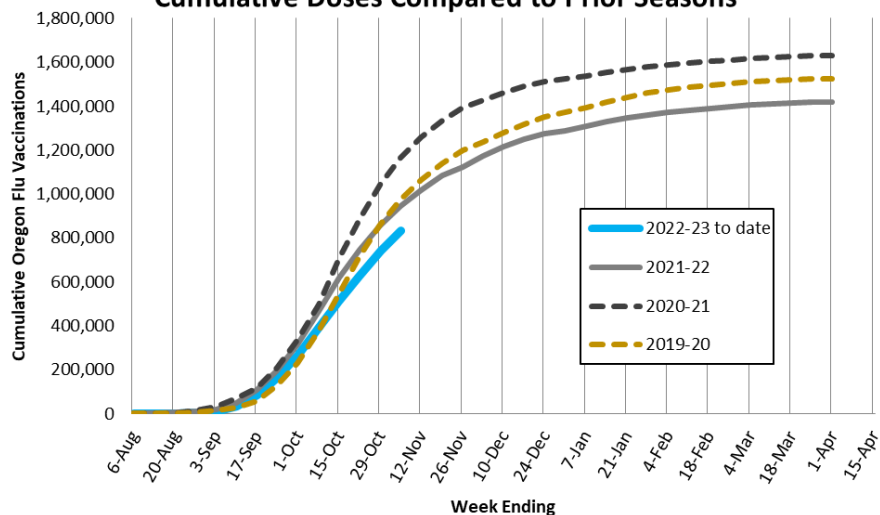
For this week, OIP is including a cumulative total chart, comparing total influenza immunizations so far this season against the cumulative trends from prior seasons. This cumulative comparison is included to show how influenza immunizations are falling behind prior seasons. A chart is also included showing totals to date by age groups- the decline in influenza immunizations is so far affecting all age groups.

OIP is also tracking disparities in influenza immunization by race and ethnicity. Historically in Oregon, influenza immunization rates for Black and Latinx populations have lagged behind the general population. In the chart below, ‘NHPI’ stands for Native Hawaiian/Pacific Islander, and ‘AIAN’ is for American Indian/Alaskan Native.

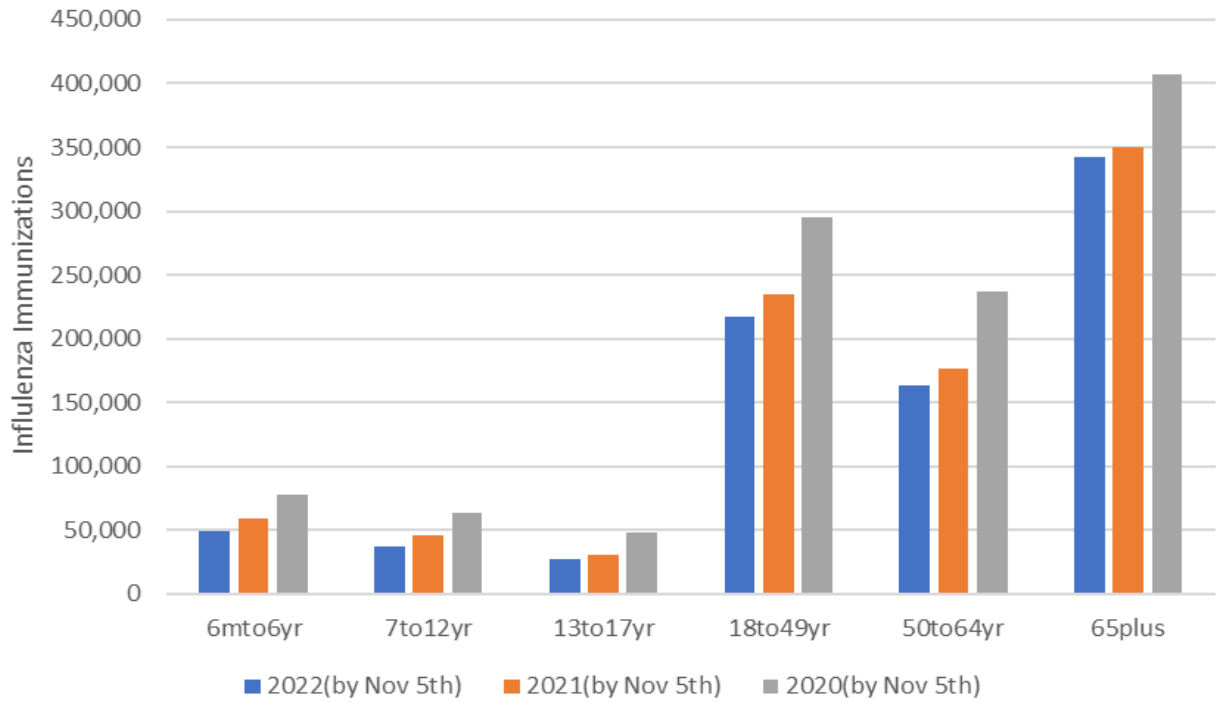
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



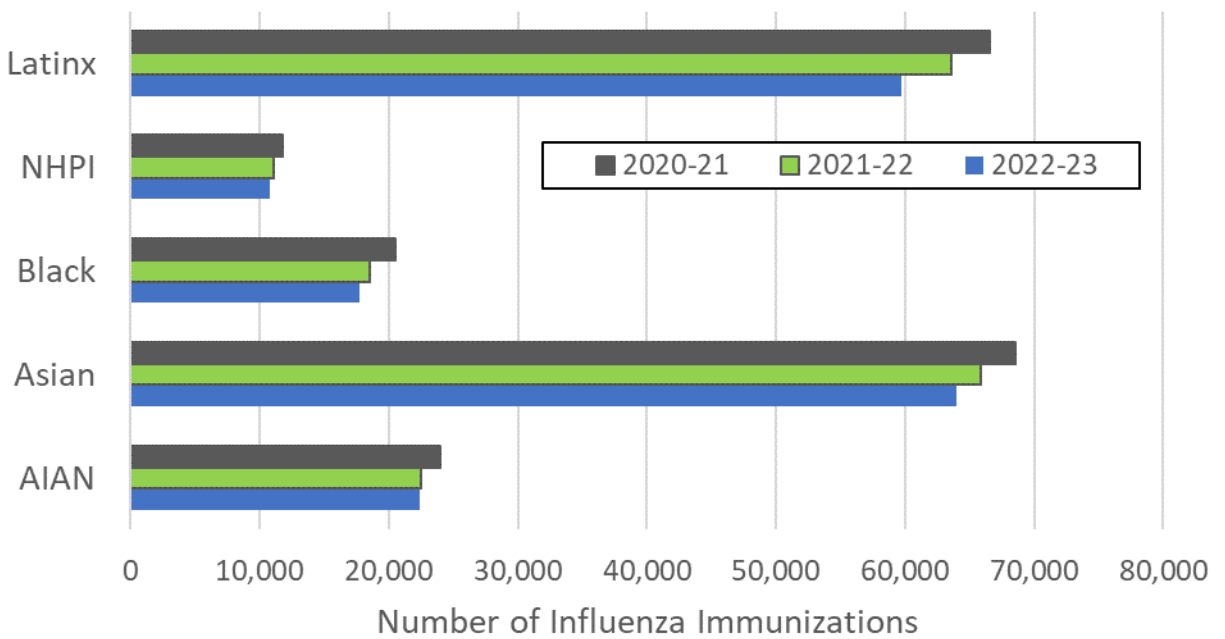
2022-23 Influenza Immunization in ALERT IIS by Week, Cumulative Doses Compared to Prior Seasons



Oregon Influenza Immunization Totals by Nov. 5th;
2022-23 Season Compared to Prior Seasons by Age



Oregon 2022-23 Season Influenza Immunizations by Race &
Ethnicity as of Nov. 9th, 2022, Compared to Prior Seasons



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 12.8% 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](#)

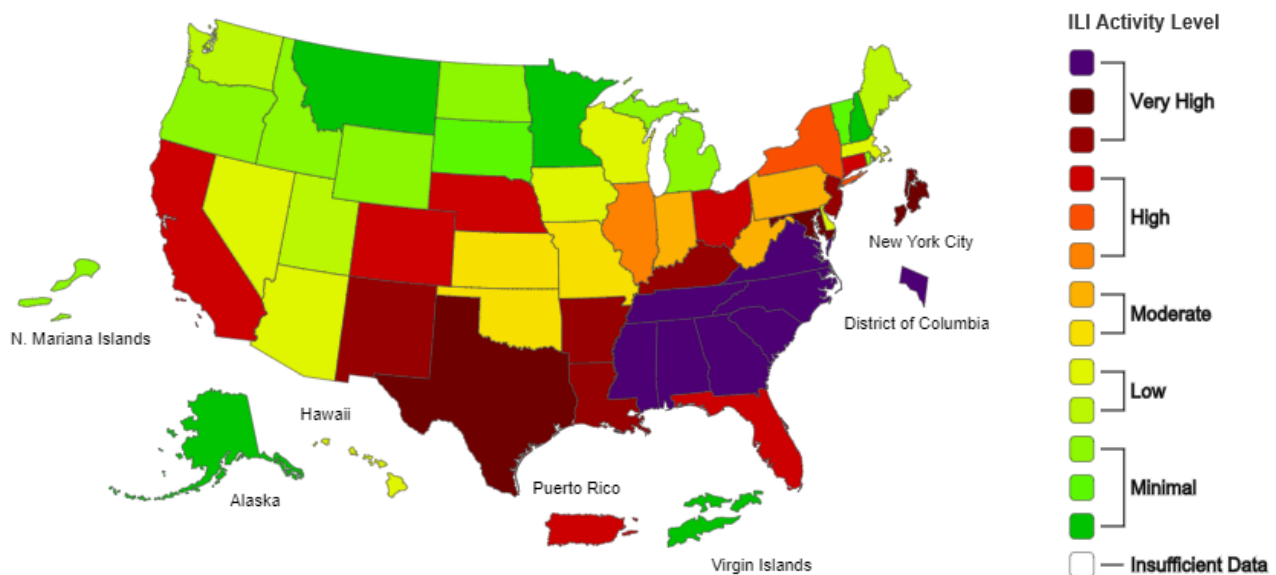
Illness

- **ILINet Outpatient Illness:** Nationwide during week 44, 5.5% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 25 jurisdictions experienced high or very high activity and 6 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 1.0% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 5.0 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 6,465 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 9.0% of the deaths that occurred during Week 44, were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.1% for this week.
- **Pediatric Deaths:** 3 influenza related deaths were reported this week, 5 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>

Oregon Public Health Division

Published November 4th, 2022

Data at a Glance October 23rd 2022 - October 29th 2022 (Week 43)

	Current Week (43)	Previous Week (42)
Percentage of emergency department visits for ILI¹	1.4%	1.1%
Percentage positive influenza tests²	2.0%	1.0%
Portland tri-county influenza-associated hospitalizations³	1	3
Reported influenza outbreaks	0	1
Influenza-associated pediatric mortality	0	0

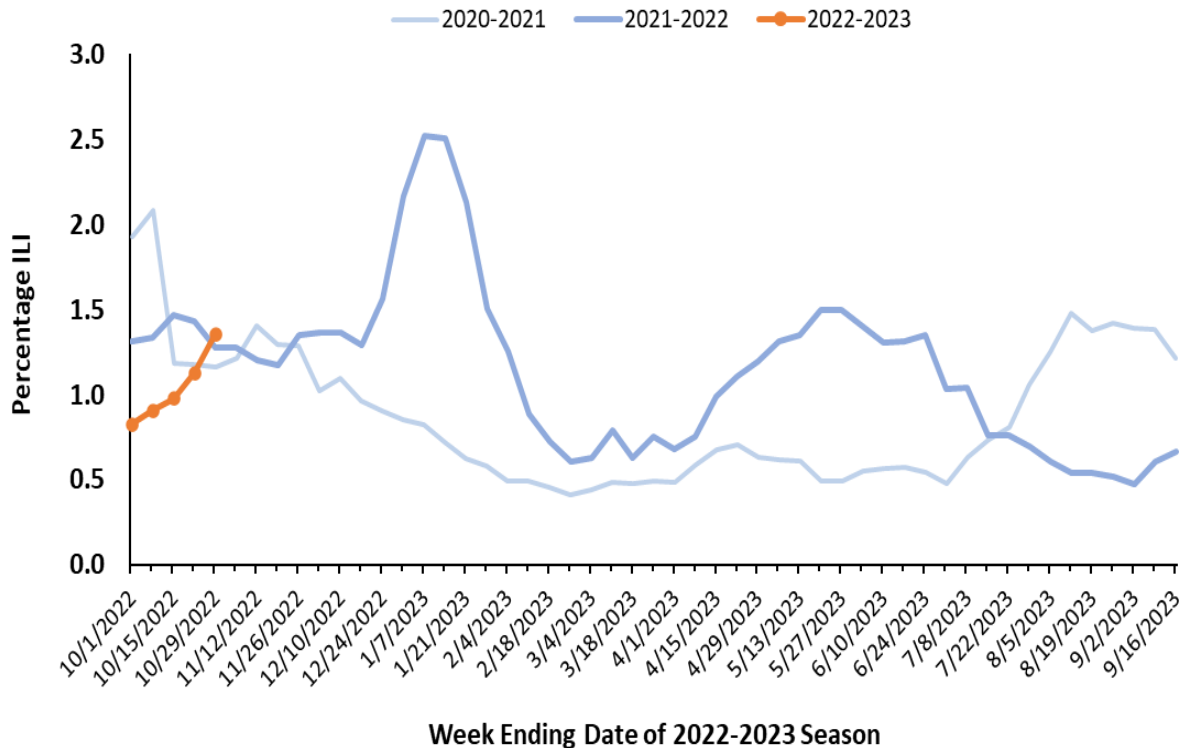
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

³Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

⁴Based on reports made to the Oregon Health Authority

Figure 1. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 43, 2022.

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.

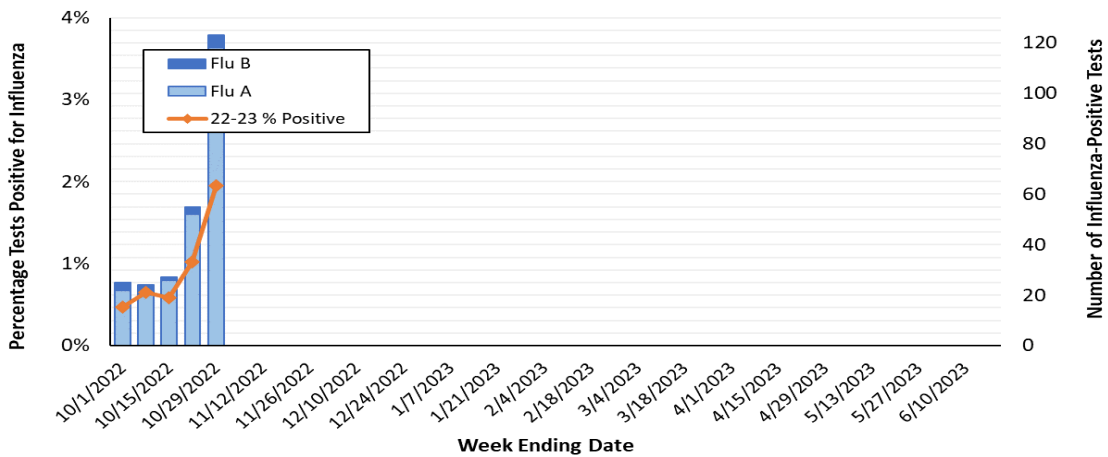
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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).

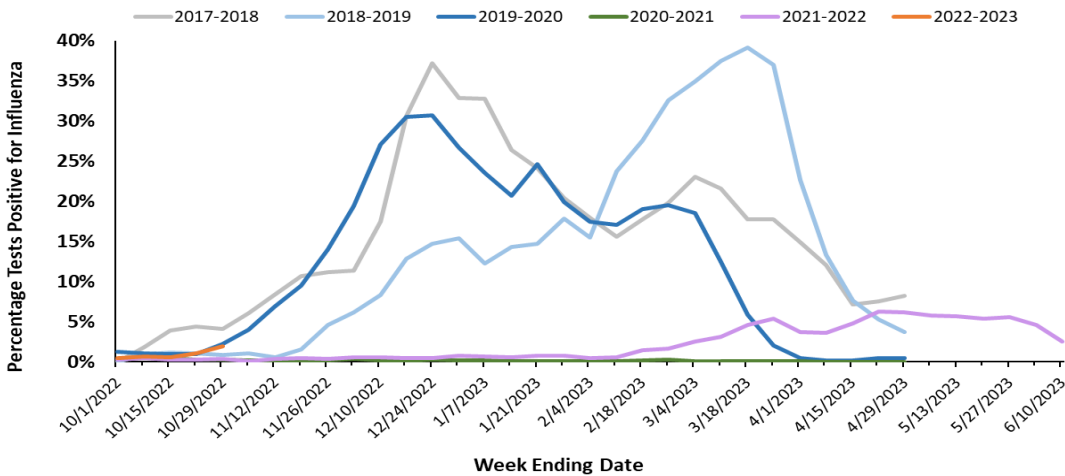
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Positive			Flu A		Flu B	
	Total Tests	No.	(%)	No.	(%)	No.	(%)
Portland Metro	4217	74	1.8%	72	97.3%	2	2.7%
Southern Oregon	888	22	2.5%	19	86.4%	3	13.6%
Columbia Gorge	250	6	2.4%	6	100.0%	0	0.0%
Central Oregon	653	14	2.1%	14	100.0%	0	0.0%
Willamette Valley	295	7	2.4%	7	100.0%	0	0.0%
State Total	6303	123	2.0%	118	95.9%	5	4.1%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2022-2023 Season**

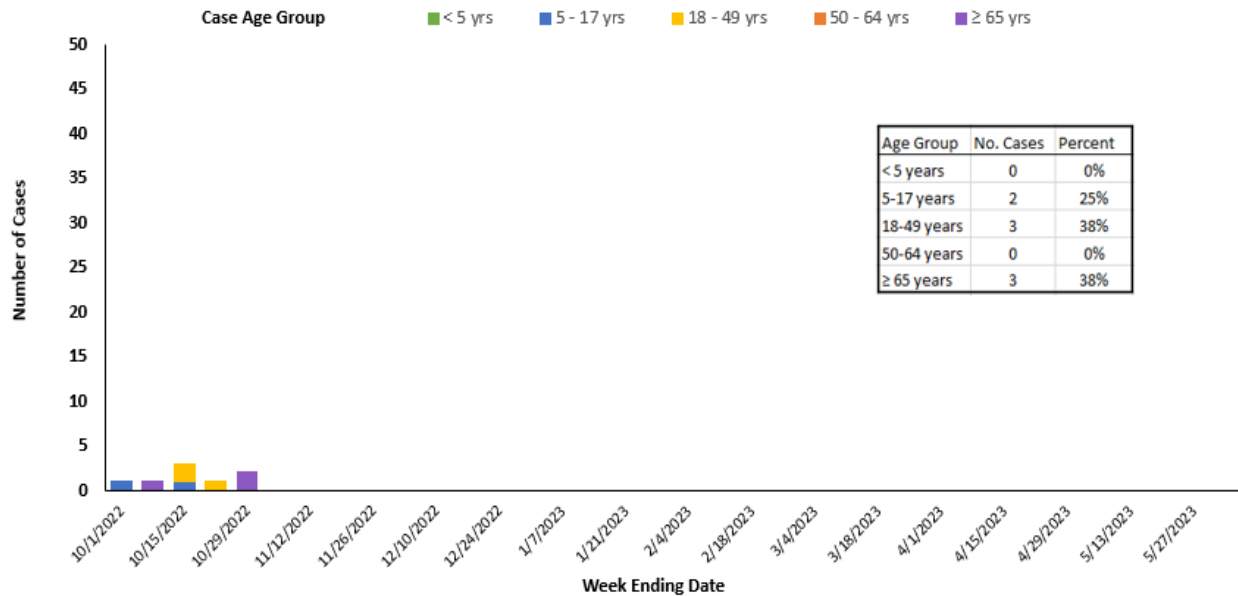


**Figure 3. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Season, NREVSS**



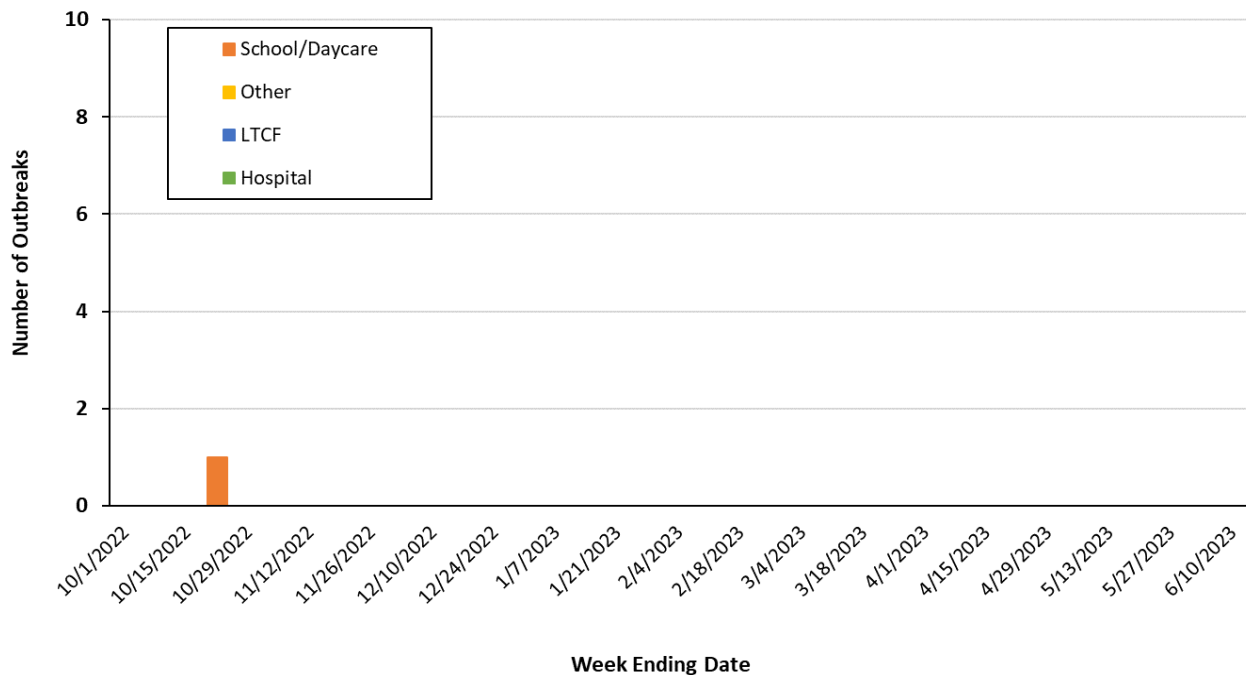
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 1 influenza-associated hospitalization reported during week 43 of 2022. There has been 8 reported hospitalization during the 2022-2023 season.

Figure 4. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2022-2023 Season



Influenza Outbreaks: There were 0 influenza outbreaks reported during week 43, 2022, there has been 1 reported outbreaks during the 2022-2023 season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2022-2023 Season



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 43, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

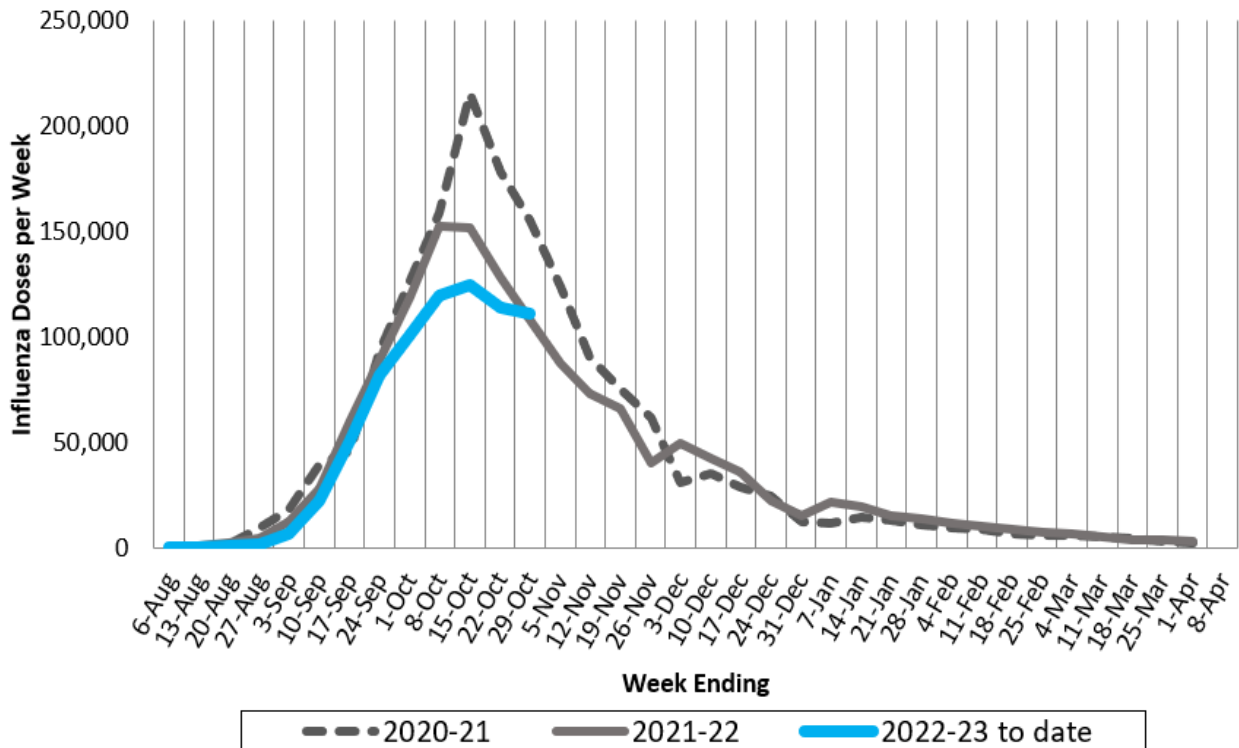
Influenza Immunizations:

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 Nov. 4th, the ALERT IIS has records for over 820,000 influenza immunizations given since July 31st of 2022. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. Weekly influenza immunization levels this season have run behind those of the past two seasons. However, it is likely that the peak period of immunization for this season will extend longer than prior seasons. In part this is due to people who initially received a COVID booster shot in September or October, and then waited until later to get an influenza shot.

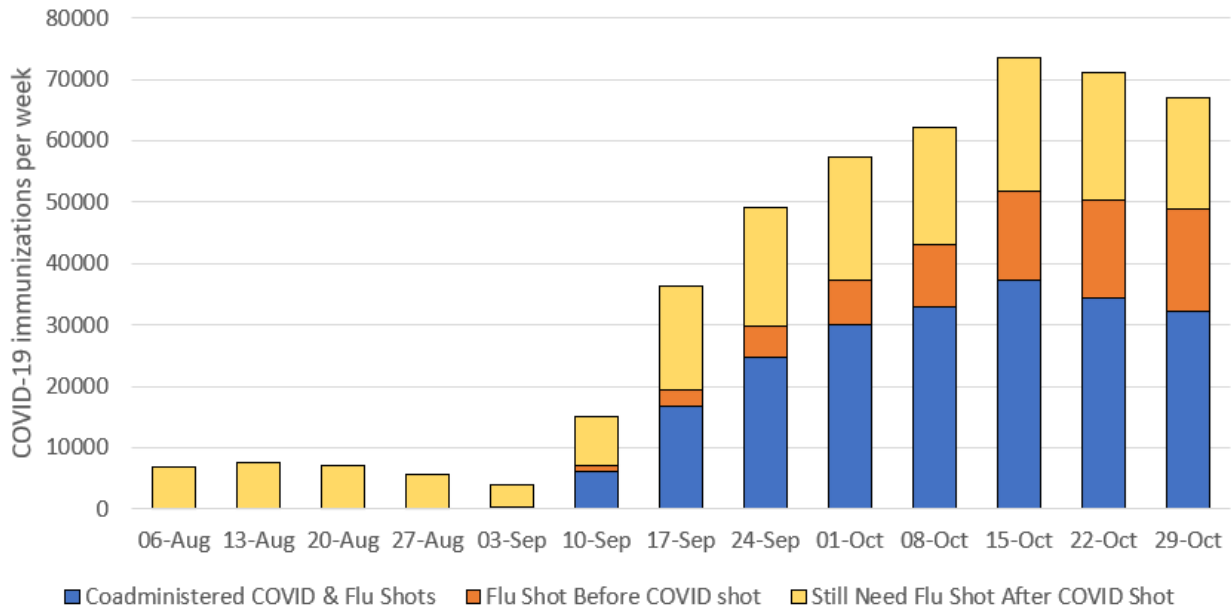
For this week we are including a chart of COVID-19 and influenza immunizations. It is recommended to coadminister COVID-19 and influenza immunizations when possible, as many of those getting COVID-19 boosters will not return later to make up missed influenza immunizations. Overall, 41% of those getting a COVID-19 immunization in September, and who still needed an influenza immunization, had coadministered flu and COVID shots. In October, the rate of coadministration increased to 58%. Among those with COVID-19 immunizations in September who did not have an influenza immunization, prior or coadministered, 42% returned later for an influenza immunization. In October the rate of return for missed influenza immunizations was only 17%, though many with October COVID-19 immunizations will possibly wait until November before returning for influenza immunizations.

OIP is also tracking disparities in influenza immunization by race and ethnicity. Historically in Oregon, influenza immunization rates for Black and Latinx populations have lagged behind the general population. To date this season, influenza immunizations are slightly down for all communities in comparison to the last two seasons, with larger declines for the Latinx and Asian communities. In the chart below, 'NHPI' stands for Native Hawaiian/Pacific Islander, and 'AIAN' is for American Indian/Alaskan Native.

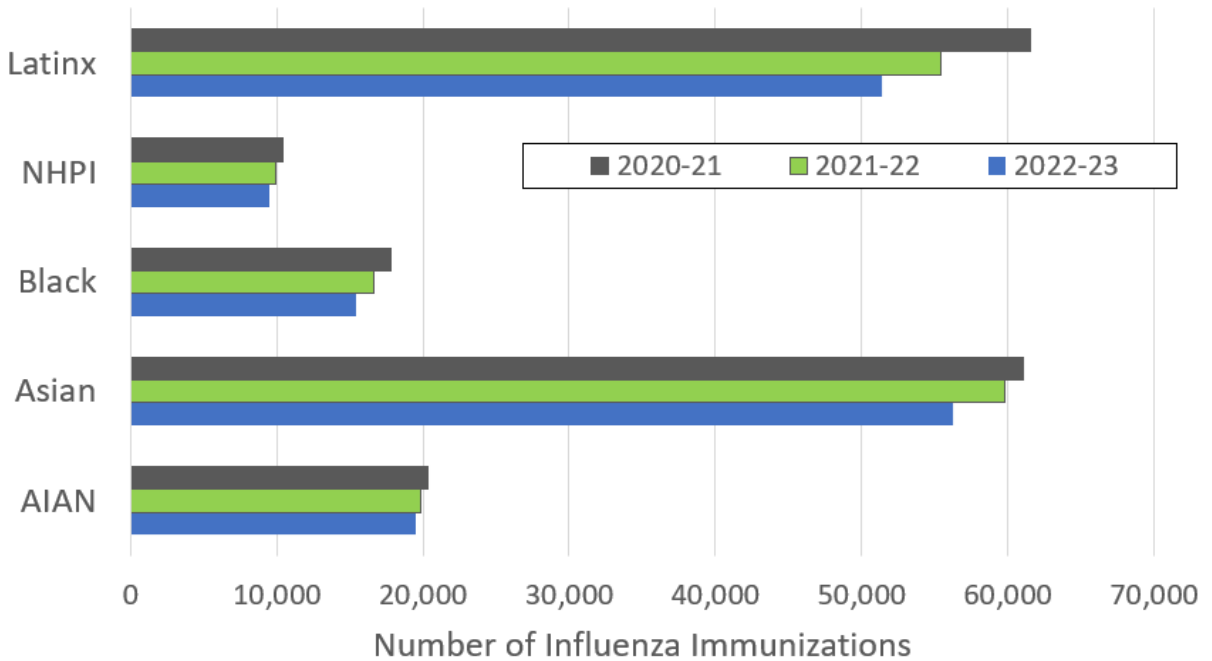
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Oregon Adults with COVID-19 Immunizations by Week & by Influenza Immunization Status, as of Oct, 29th



Oregon 2022-23 Season Influenza Immunizations by Race & Ethnicity as of Nov. 4th, 2022, Compared to Prior Seasons



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 9.0% 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](#)

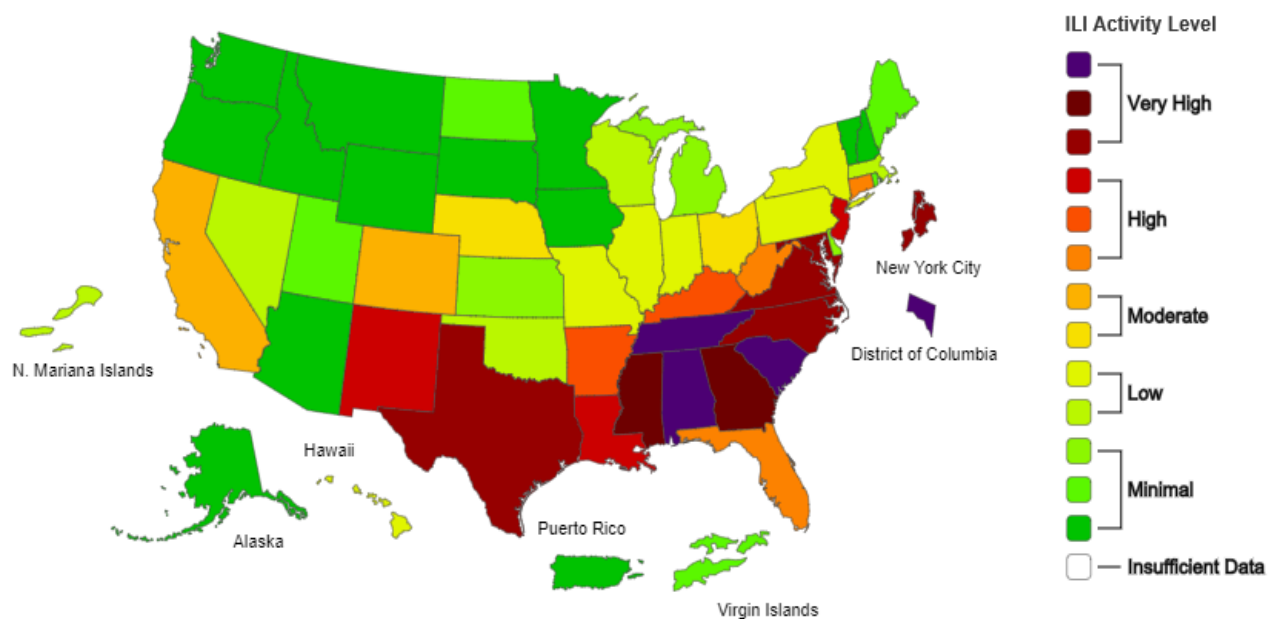
Illness

- **ILINet Outpatient Illness:** Nationwide during week 43, 4.3% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 19 jurisdictions experienced high or very high activity and 4 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 0.8% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 2.9 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 4,326 patients admitted to hospitals with influenza this week
- **PIC Mortality:** 9.1% of the deaths that occurred during Week 43, were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.0% for this week.
- **Pediatric Deaths:** 0 influenza related deaths were reported this week, 2 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

Oregon Public Health Division

Published October 28th, 2022

Data at a Glance October 16th 2022 - October 22nd 2022 (Week 42)

	Current Week (42)	Previous Week (41)
Percentage of emergency department visits for ILI¹	1.1%	1.0%
Percentage positive influenza tests²	1.0%	0.6%
Portland tri-county influenza-associated hospitalizations³	2	1
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0

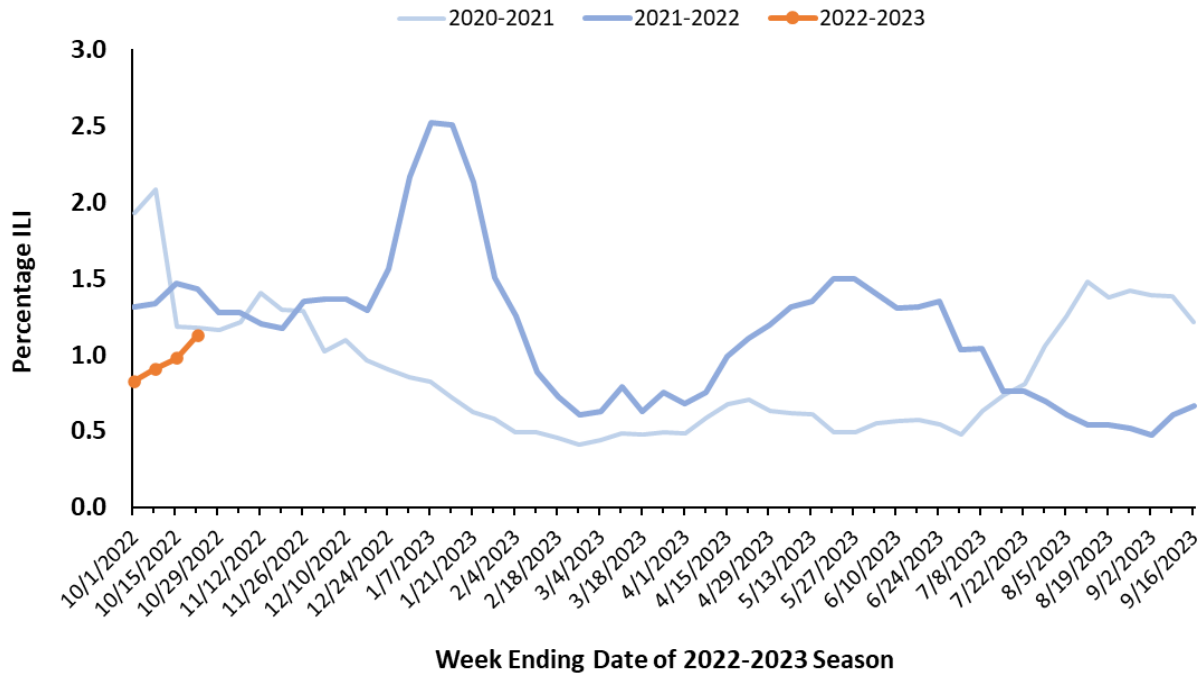
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

³Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

⁴Percent positivity based on data from Oregon's RSV Laboratory Surveillance System.

Figure 1. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 1.1% during week 42, 2022.

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 1.0% of specimens tested at Oregon labs were positive for influenza during week 42, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

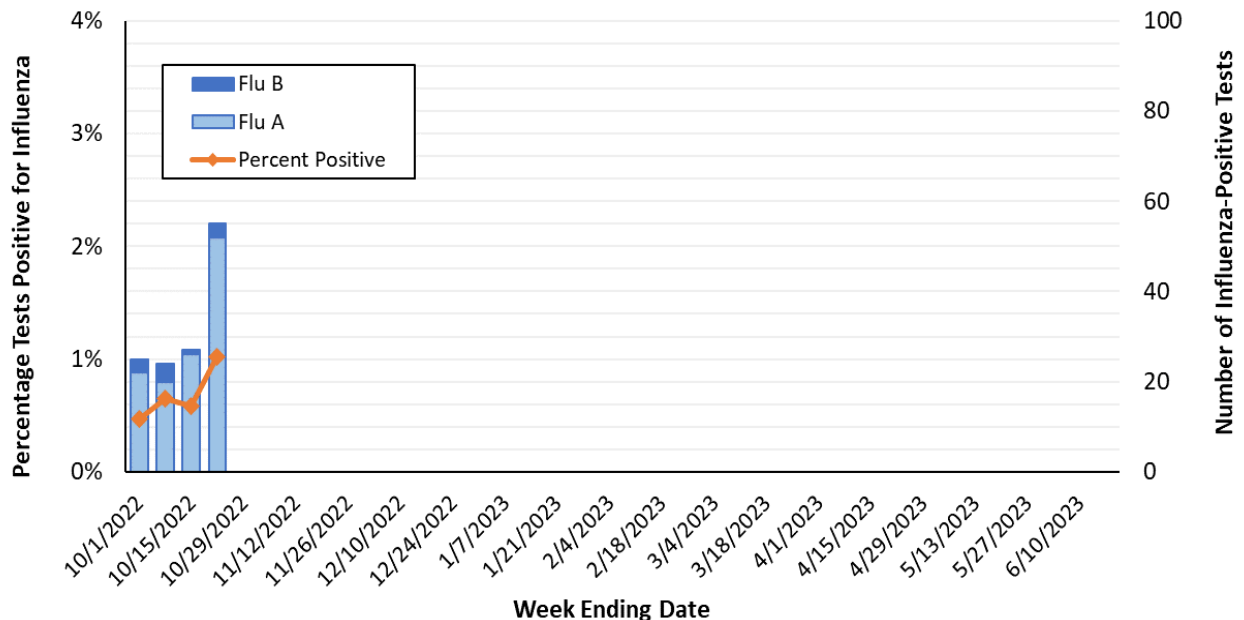
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2022–2023 Season

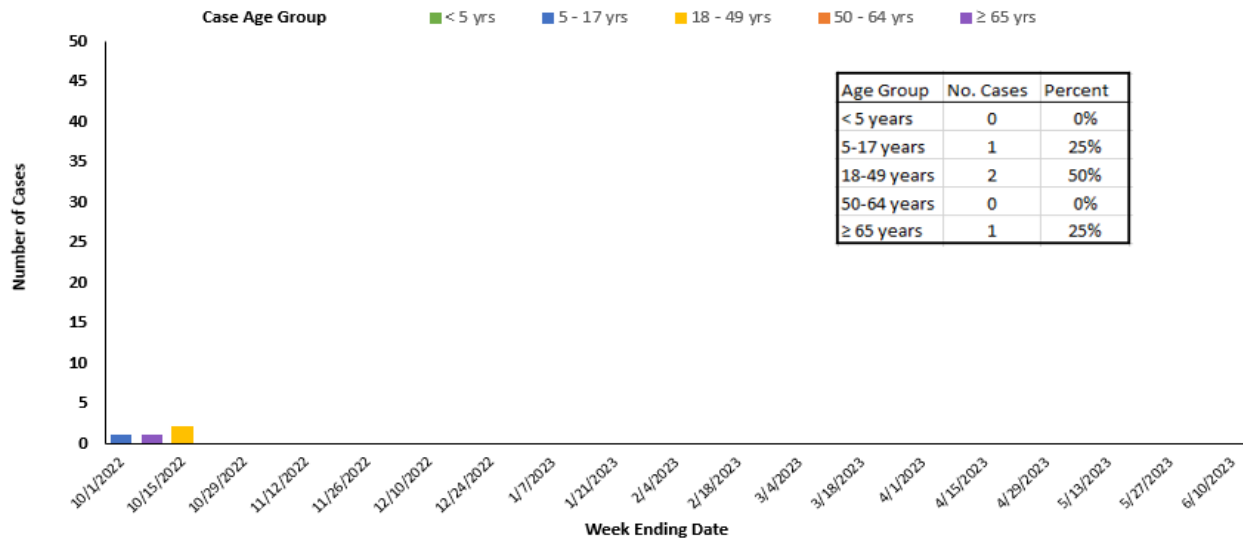
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	3811	31	0.8%	31	100.0%	0	0.0%
Southern Oregon	823	3	0.4%	3	100.0%	0	0.0%
Columbia Gorge	264	18	6.8%	16	88.9%	2	11.1%
Central Oregon	130	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	339	3	0.9%	2	66.7%	1	33.3%
State Total	5367	55	1.0%	52	94.5%	3	5.5%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2022-2023 Season**



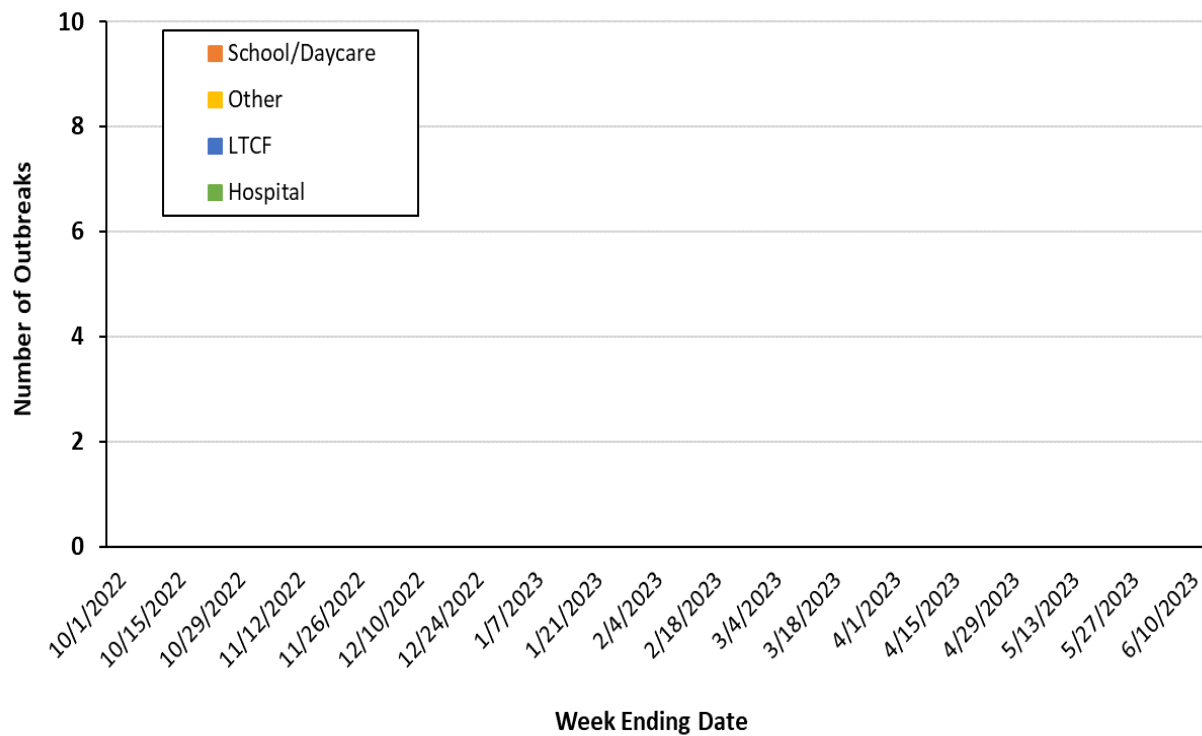
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 2 influenza-associated hospitalization reported during week 42 of 2022. There has been 4 reported hospitalization during the 2022-2023 season.

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



Influenza Outbreaks: There were 0 influenza outbreaks reported during week 42, 2022, there have been 0 reported outbreaks during the 2022-2023 season.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 2022-2023 Season



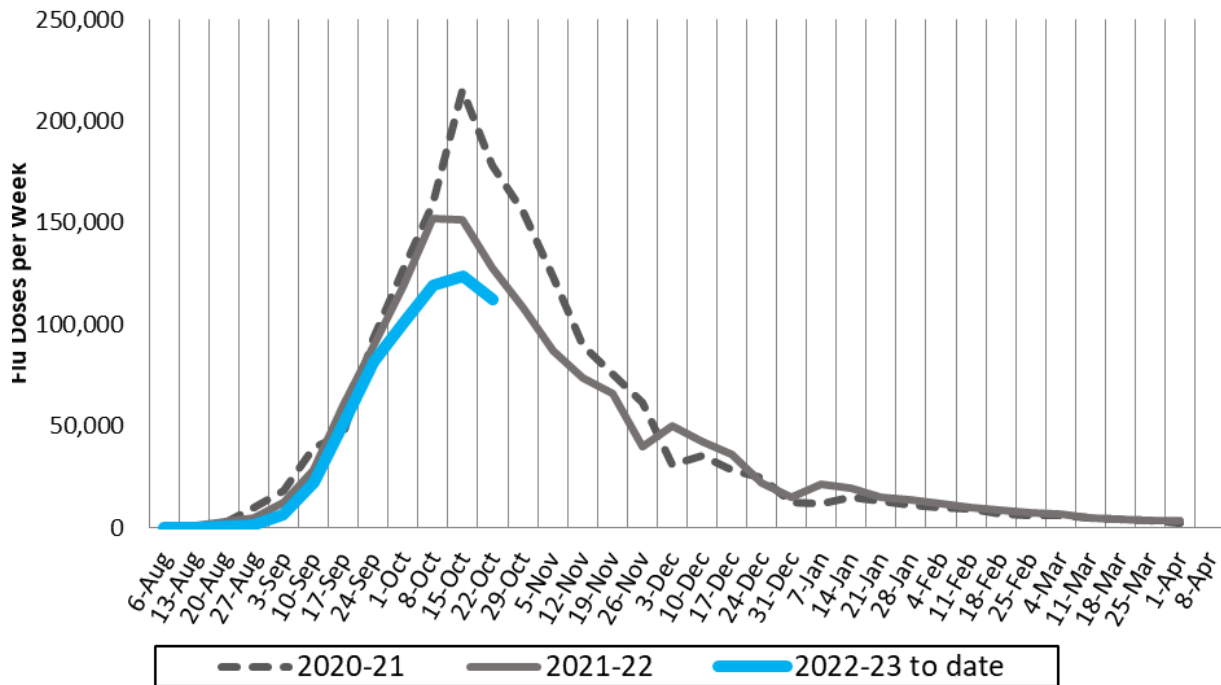
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 42, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

Influenza Immunizations:

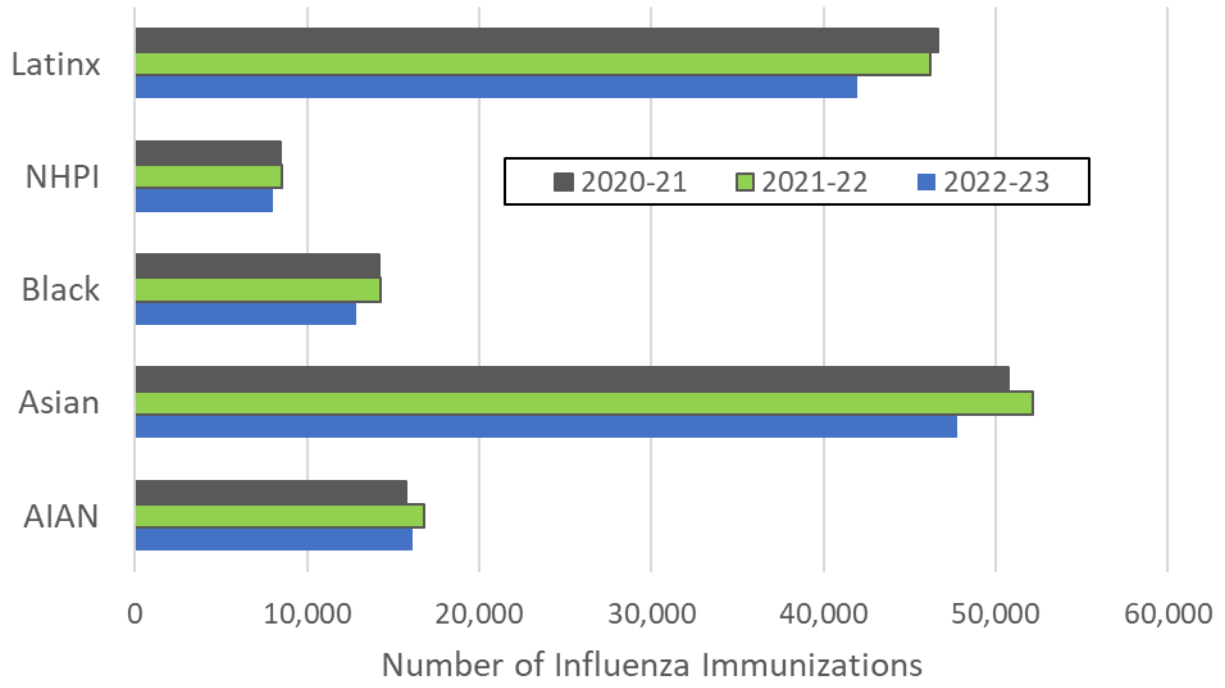
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of Oct. 28th, the ALERT IIS has records for over 620,000 influenza immunizations given since July 31st of 2022. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. Oregon influenza immunization totals are 11% below those seen in the prior 2021-22 season at this time of year. Weekly tracking data indicates that weekly influenza immunizations peaked in mid-October. It is likely that weekly totals will continue to decline through the rest of 2022.

OIP is also tracking disparities in influenza immunization by race and ethnicity. Historically in Oregon, influenza immunization rates for Black and Latinx populations have lagged behind the general population. To date this season, influenza immunizations are lagging behind the prior two seasons at this time of year for both Latinx and Asian populations in Oregon. In the chart below, ‘NHPI’ stands for Native Hawaiian/Pacific Islander, and ‘AIAN’ is for American Indian/Alaskan Native.

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



Oregon 2022-23 Season Influenza Immunizations by Race & Ethnicity as of Oct. 28th, 2022, Compared to Prior Seasons



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 6.2% 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](#)

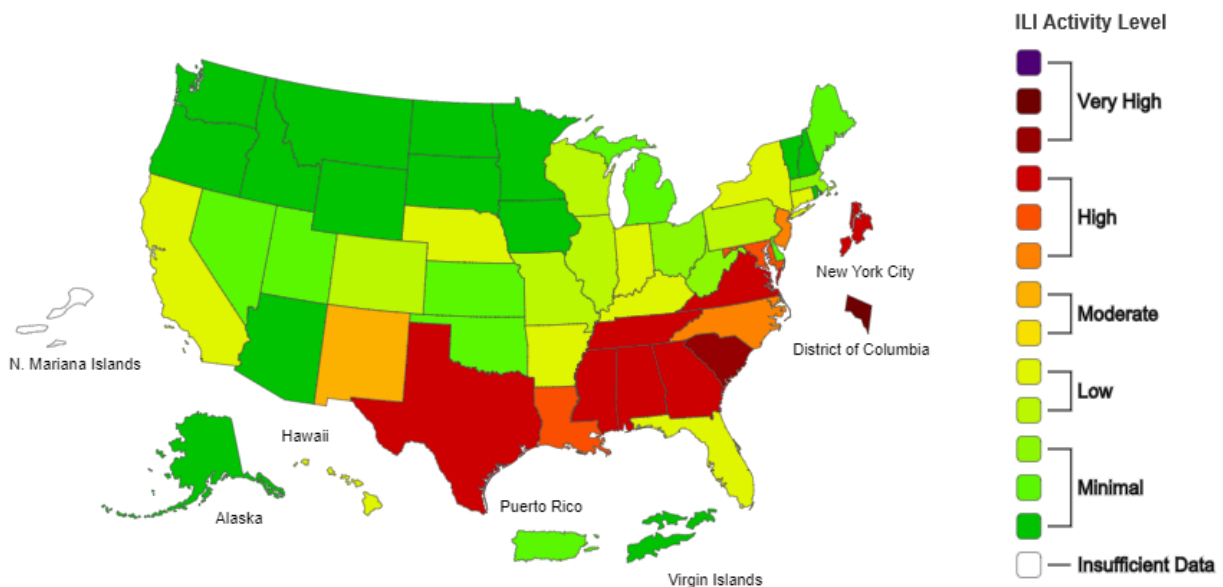
Illness

- **ILINet Outpatient Illness:** Nationwide during week 42, 3.3% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 13 jurisdictions experienced high or very high activity and 1 jurisdiction experienced moderate activity,
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 1.5 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,332 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 28, 2022, 89.2% of the deaths that occurred during the week ending October 28, 2022 (week 43), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 5.9% for this week.
- **Pediatric Deaths:** 0 influenza related deaths were reported this week, 0 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>

Oregon Public Health Division

Published October 21st, 2022

Data at a Glance October 9th 2022 - October 15th 2022 (Week 41)

	Current Week (41)	Previous Week (40)
Percentage of emergency department visits for ILI¹	1.0%	0.9%
Percentage positive influenza tests²	0.6%	0.7%
Portland tri-county influenza-associated hospitalizations³	0	1
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0

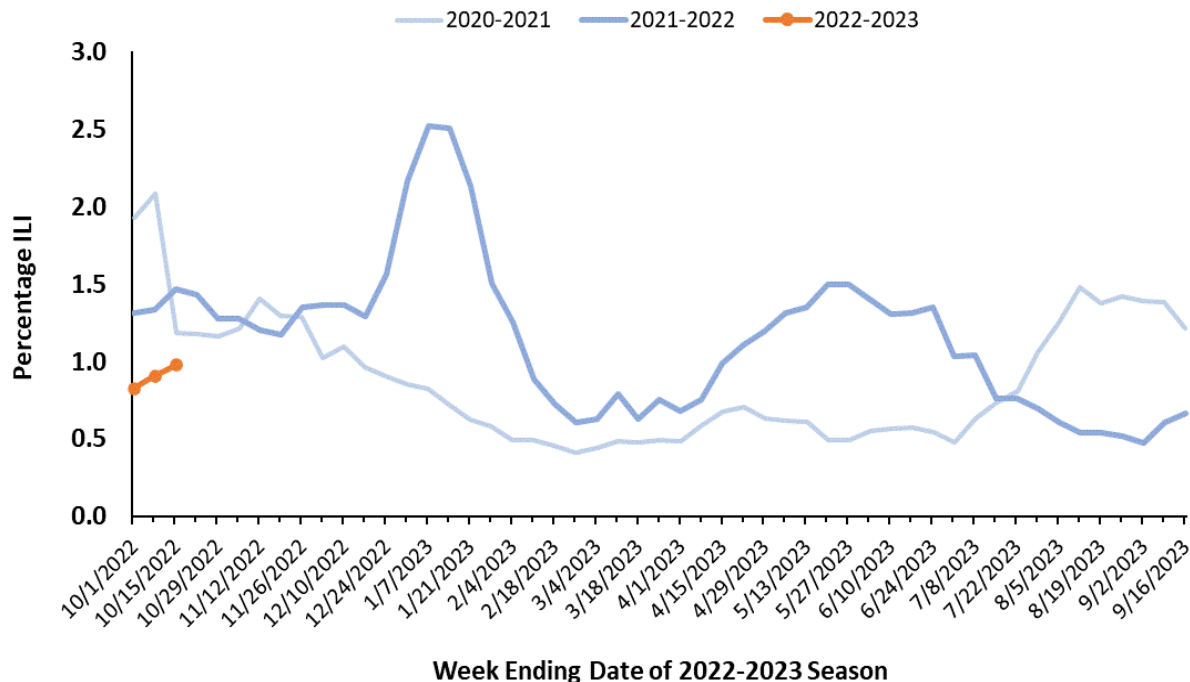
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

³Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

⁴Percent positivity based on data from Oregon's RSV Laboratory Surveillance System.

Figure 1. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 1.0% during week 41, 2022.

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](#).

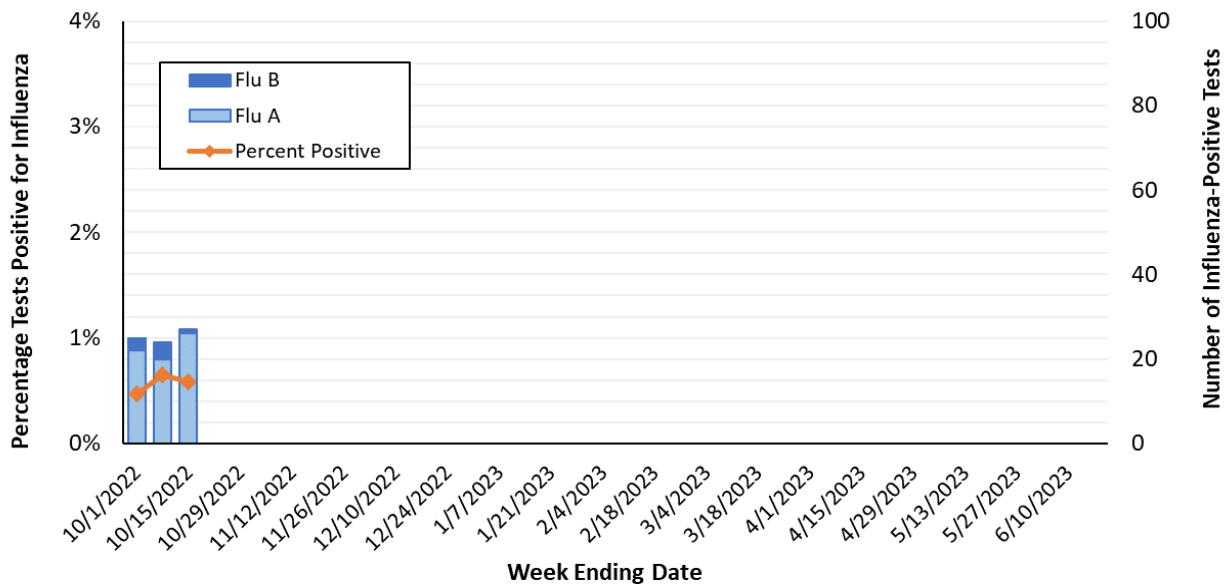
Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.6% of specimens tested at Oregon labs were positive for influenza during week 41, 2022 and Figure 2 displays the number of 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, 2022–2023 Season

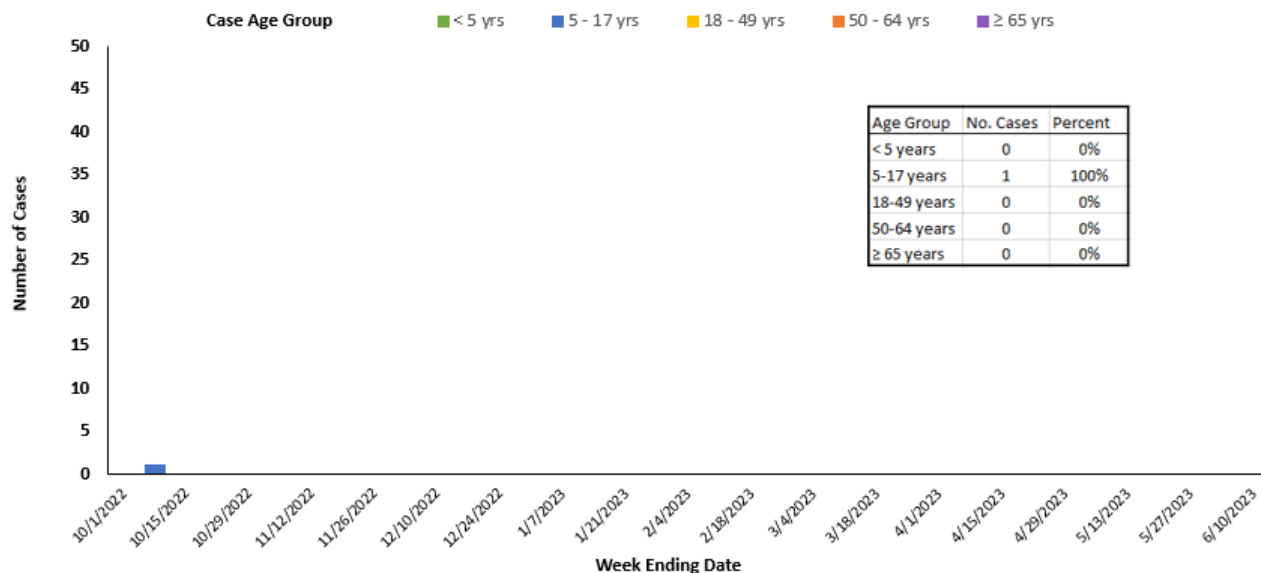
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2685	9	0.3%	9	100.0%	0	0.0%
Southern Oregon	747	2	0.3%	2	100.0%	0	0.0%
Columbia Gorge	259	10	3.9%	10	100.0%	0	0.0%
Central Oregon	703	4	0.6%	4	100.0%	0	0.0%
Willamette Valley	266	2	0.8%	1	50.0%	1	50.0%
State Total	4660	27	0.6%	26	96.3%	1	3.7%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2022-2023 Season**



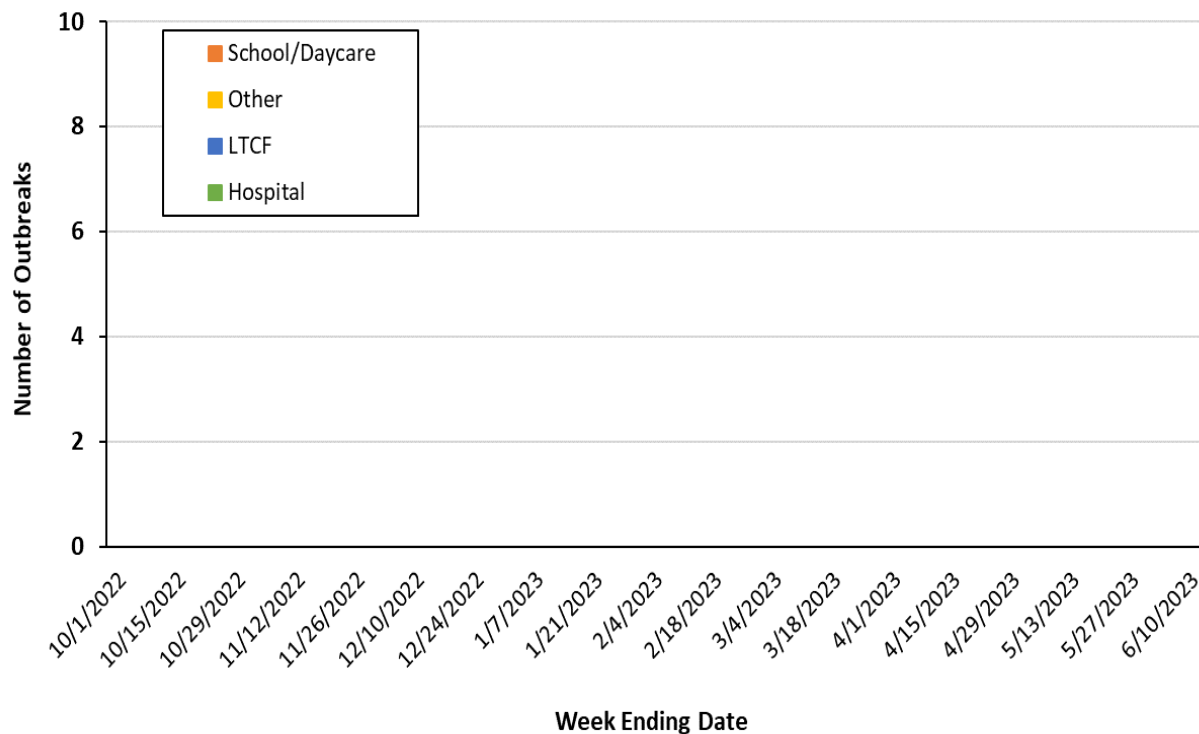
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 0 influenza-associated hospitalization reported during week 41 of 2022. There has been 1 reported hospitalization during the 2022-2023 season.

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



Influenza Outbreaks: There were 0 influenza outbreaks reported during week 41, 2022, there have been 0 reported outbreaks during the 2022-2023 season.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 2022-2023 Season



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 41, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

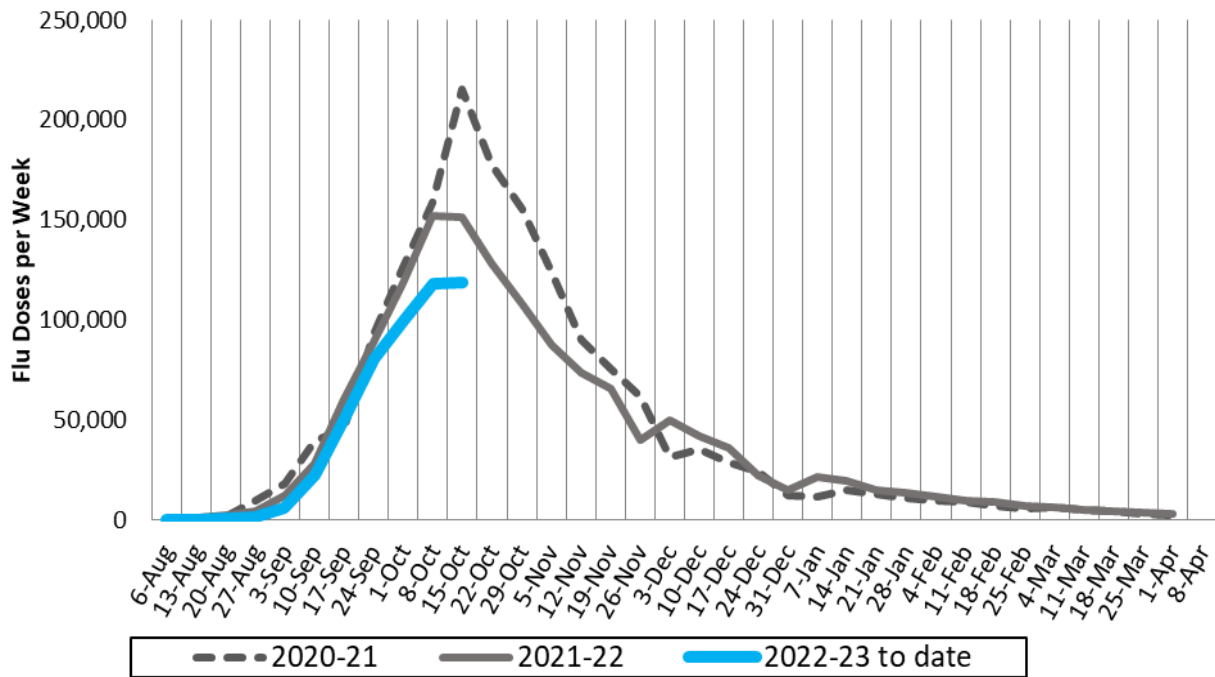
Influenza Immunizations:

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 Oct. 21st, the ALERT IIS has records for over a half-million influenza immunizations given since July 31st of 2022. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. To date, current weekly data shows that Oregon is running below prior season influenza immunization uptake. Typically, influenza immunizations peak in mid to late October every season. For this season, weekly influenza immunizations are peaking at a lower level than in prior seasons.

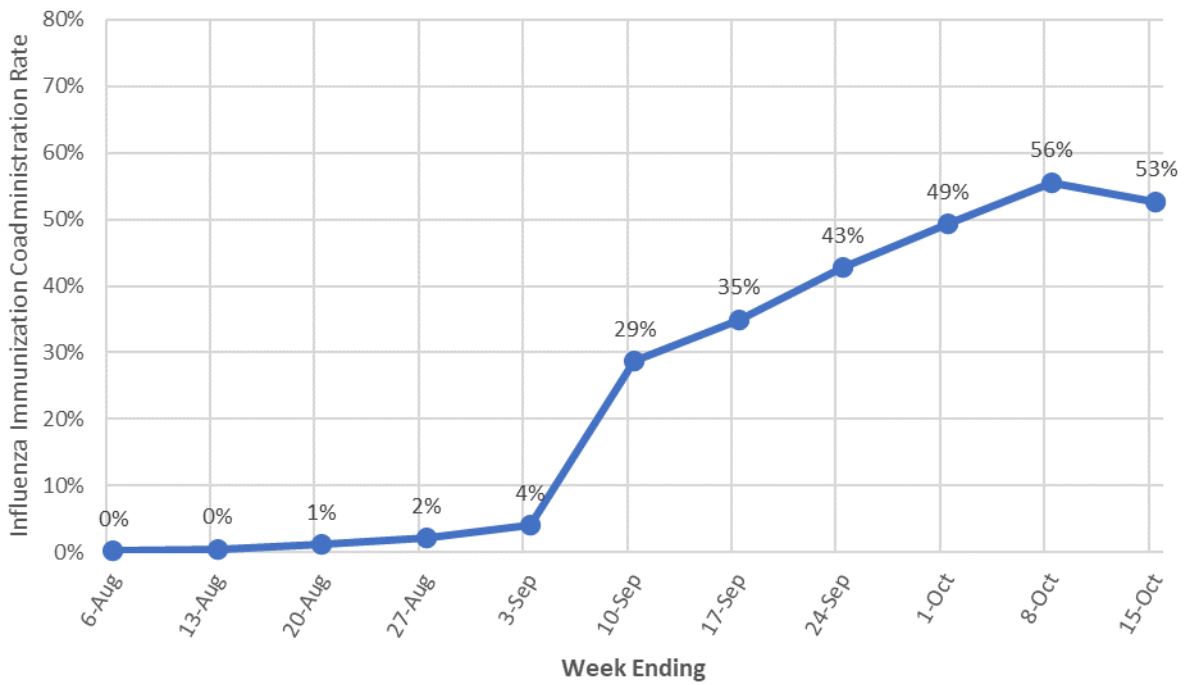
For this week we are including a chart on coadministration of influenza and COVID-19 immunizations. Many Oregonians have received a COVID-19 booster this Fall, and many prioritize receiving the COVID-19 booster over getting an influenza immunization. Influenza immunizations that are missed due to receiving a COVID-19 immunization are likely to not be caught up later. Offering and giving both vaccines at the same visit, called coadministration, is a useful way to ensure that influenza immunizations are not missed. Successful coadministration requires the provider to offer, and the patient to agree with getting two injections. In October to date, only 9% of Oregon COVID-19 immunizers report not doing any coadministration. However, giving COVID-19 and influenza immunizations together has been a challenge at COVID mass vaccination events and special immunization clinics.

OIP is also tracking disparities in influenza immunization by race and ethnicity. Historically in Oregon, influenza immunization rates for Black and Latinx populations have lagged behind the general population. To date this season, influenza immunizations are lagging behind the prior two seasons at this time of year for both Latinx and Asian populations in Oregon. In the chart below, ‘NHPI’ stands for Native Hawaiian/Pacific Islander, and ‘AIAN’ is for American Indian/Alaskan Native.

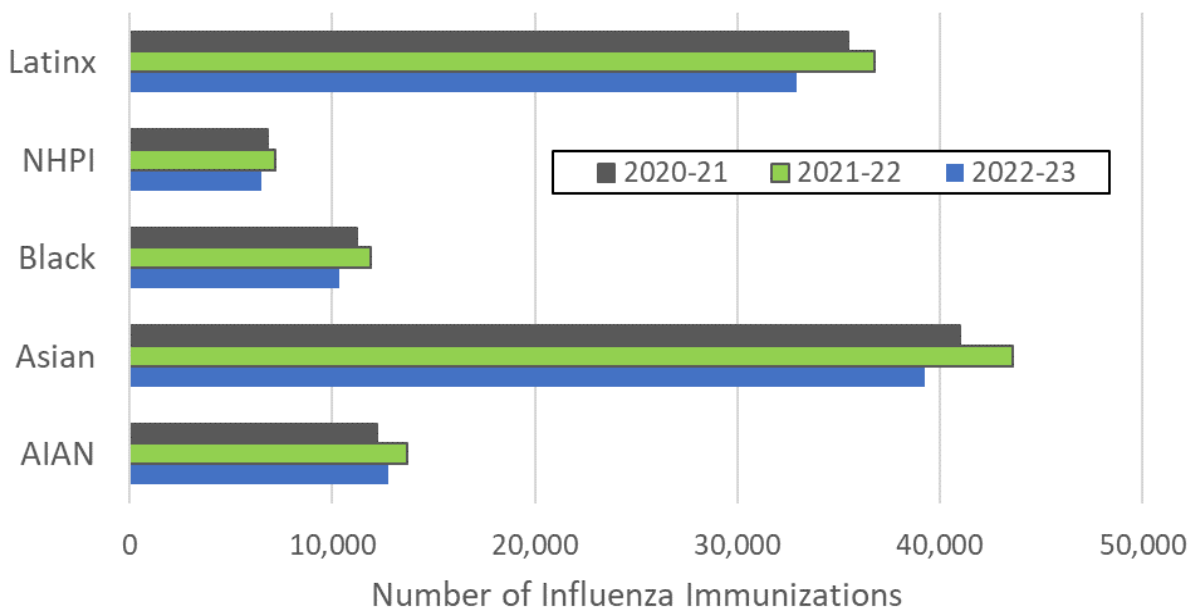
2022-23 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



Oregon Adult Rate of Influenza Immunization Coadministration per Week at COVID-19 Immunization Visits, as of Oct. 21st 2022



Oregon 2022-23 Season Influenza Immunizations by Race & Ethnicity as of Oct. 21st, 2022, Compared to Prior Seasons



Oregon Public Health Division

Published October 14th, 2022

Data at a Glance October 2nd 2022—October 8th 2022 (Week 40)

	Current Week (39)	Current Week (40)
Percentage of emergency department visits for ILI¹	0.8%	0.9%
Percentage positive influenza tests²	0.5%	0.7%
Portland tri-county influenza-associated hospitalizations³	0	1
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0

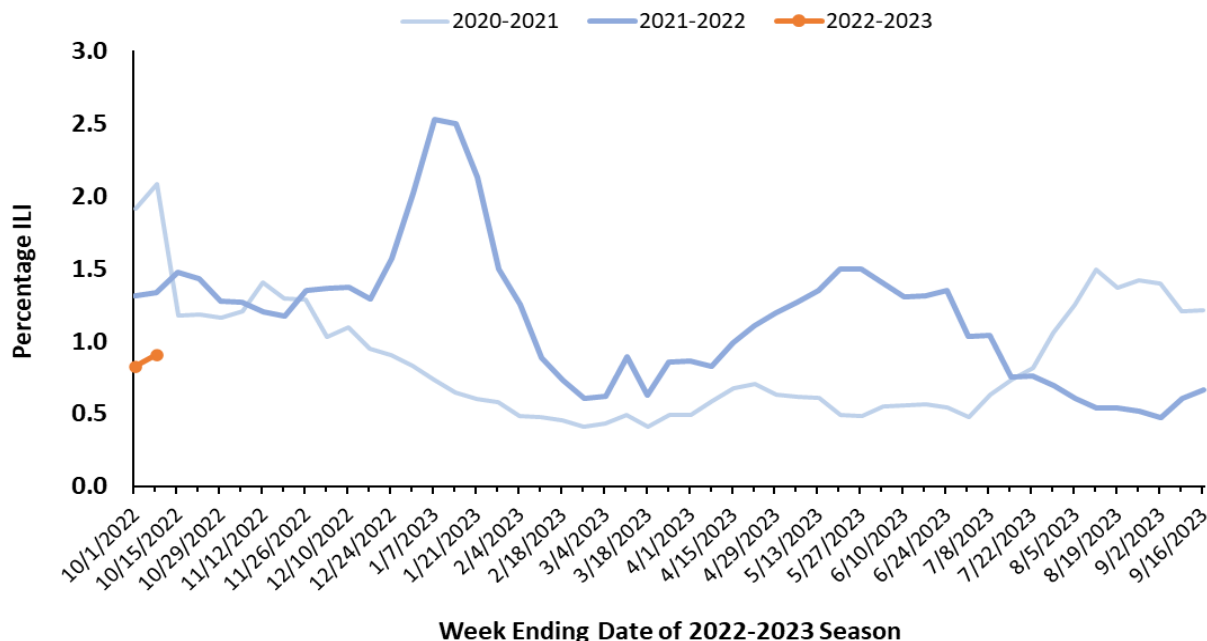
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

³Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

⁴Percent positivity based on data from Oregon's RSV Laboratory Surveillance System.

Figure 1. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 0.9% during week 40, 2022.

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](#).

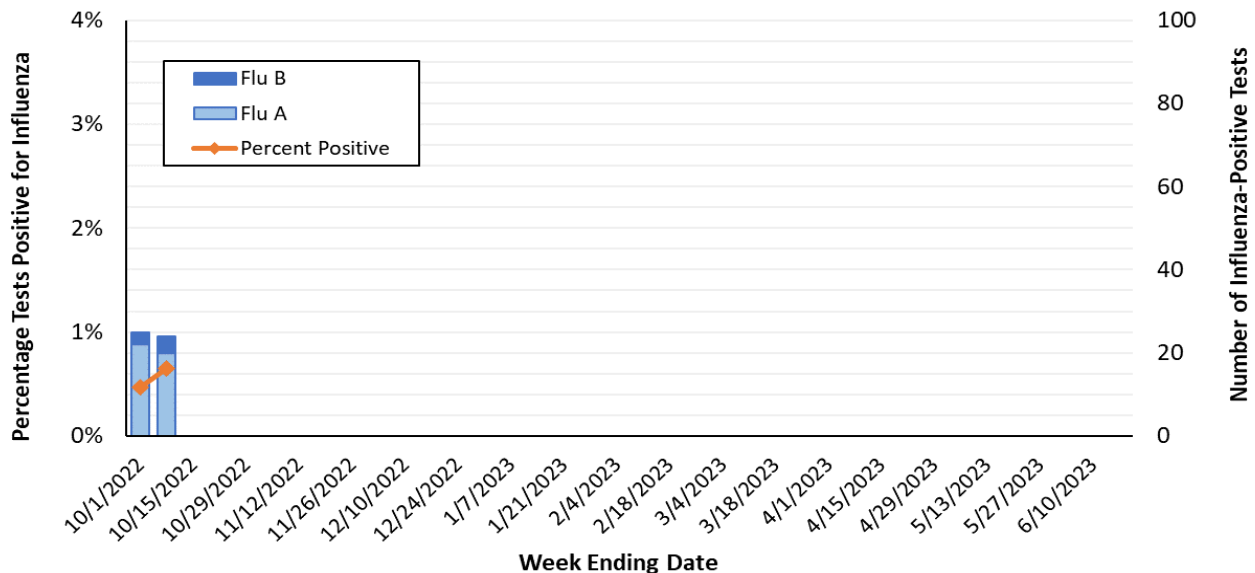
Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.7% of specimens tested at Oregon labs were positive for influenza during week 40, 2022 and Figure 2 displays the number of 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, 2022–2023 Season

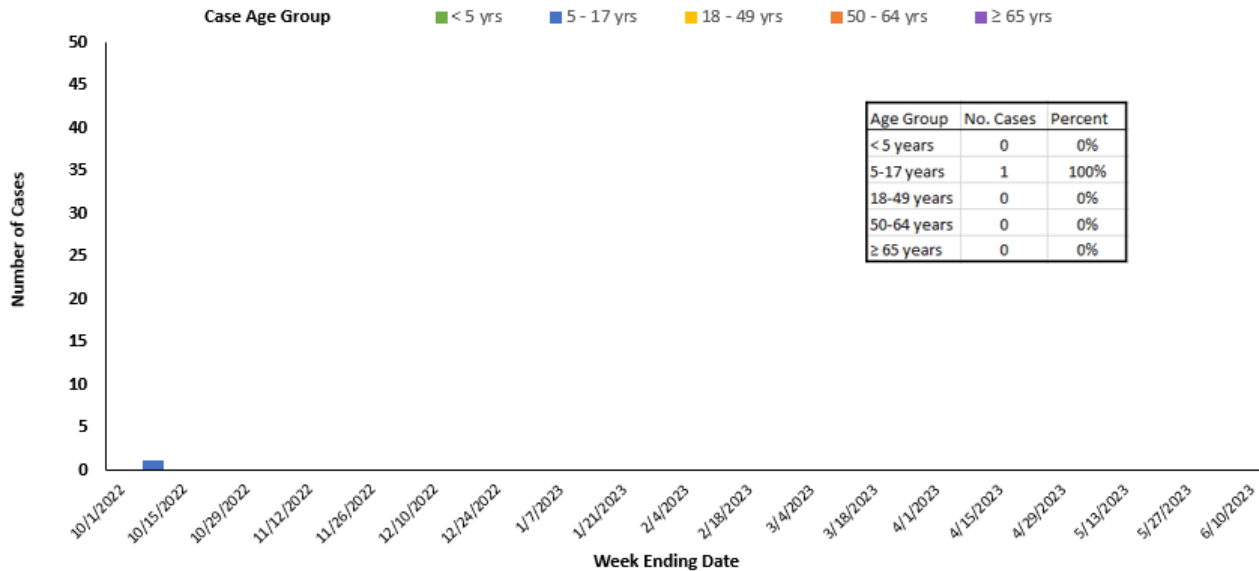
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2635	5	0.2%	4	80.0%	1	20.0%
Southern Oregon	602	2	0.3%	2	100.0%	0	0.0%
Columbia Gorge	244	15	6.1%	14	93.3%	1	6.7%
Central Oregon	122	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	65	2	3.1%	0	0.0%	2	100.0%
State Total	3668	24	0.7%	20	83.3%	4	16.7%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2022-2023 Season**



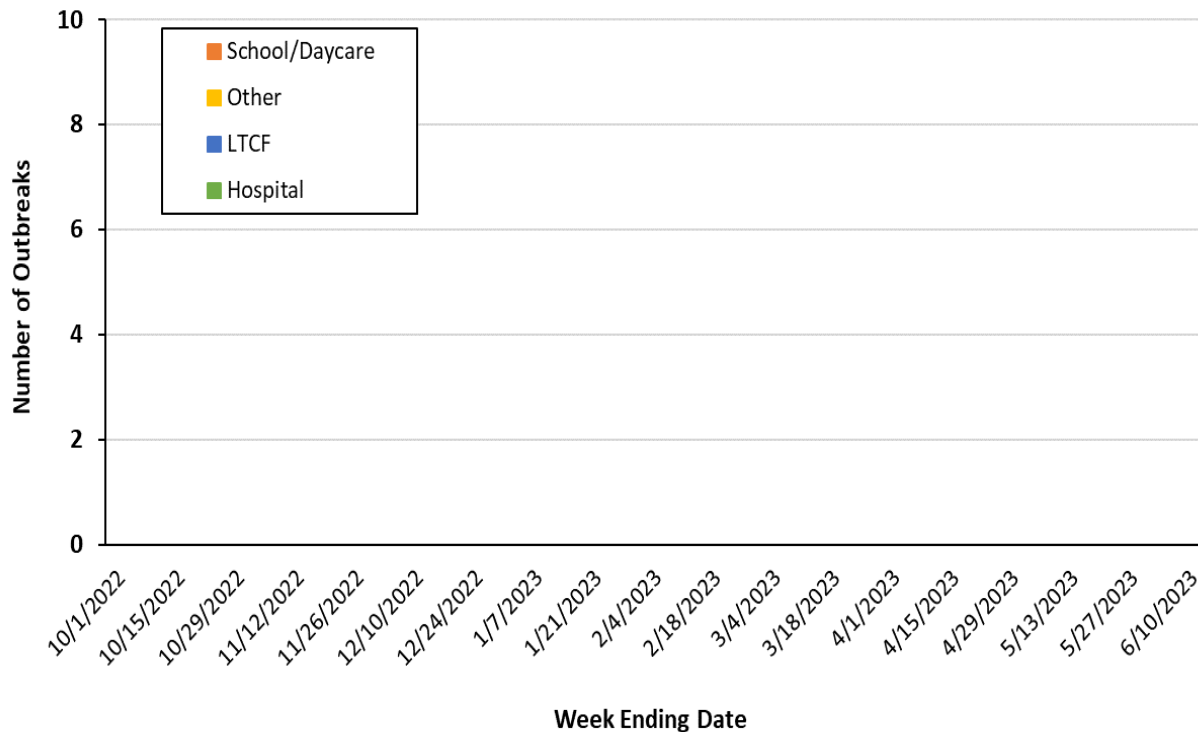
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was 1 influenza-associated hospitalization reported during week 40 of 2022. There has been 1 reported hospitalization during the 2022-2023 season.

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



Influenza Outbreaks: There were 0 influenza outbreaks reported during week 40, 2022, there have been 0 reported outbreaks during the 2022-2023 season.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 2022-2023 Season



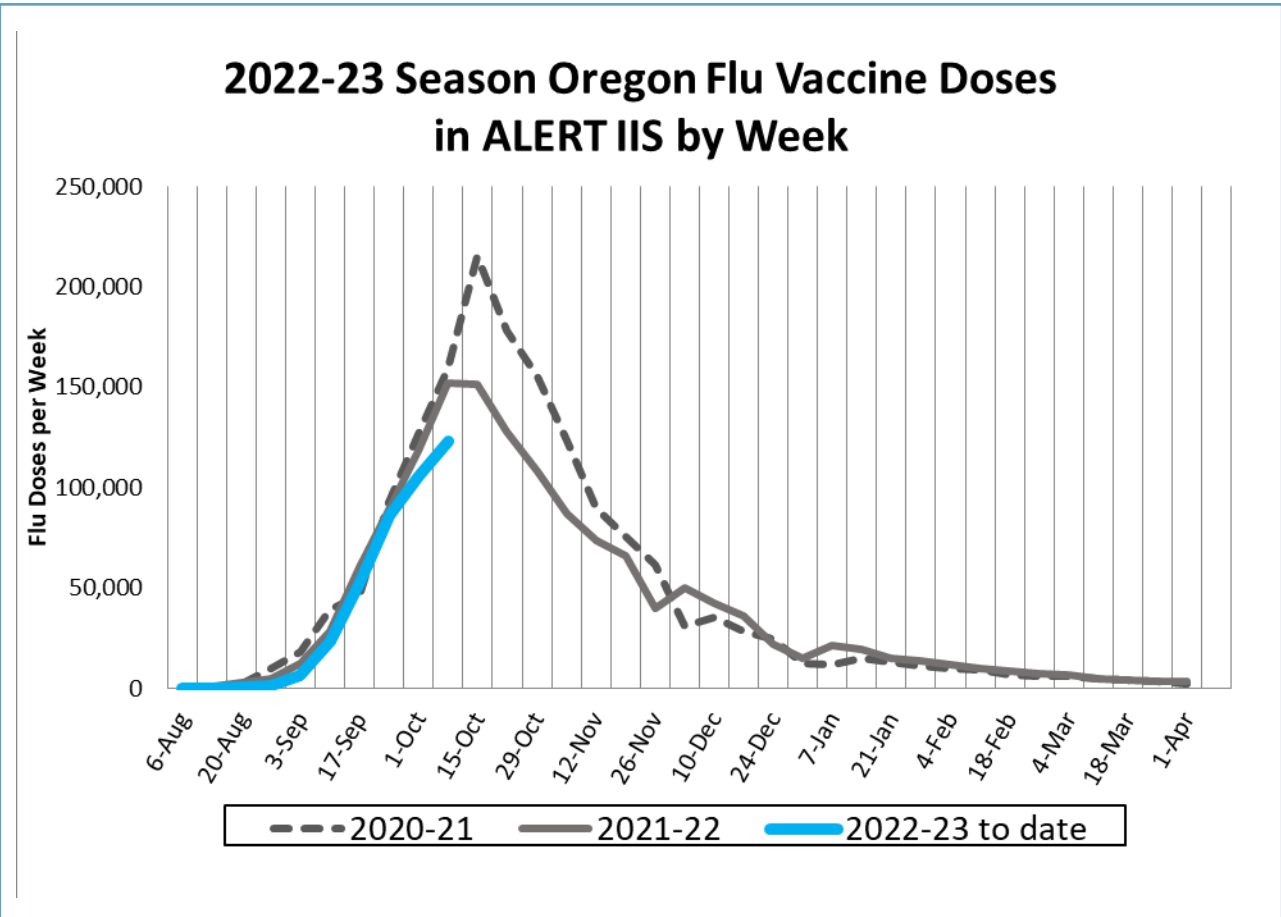
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 40, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

Influenza Immunizations:

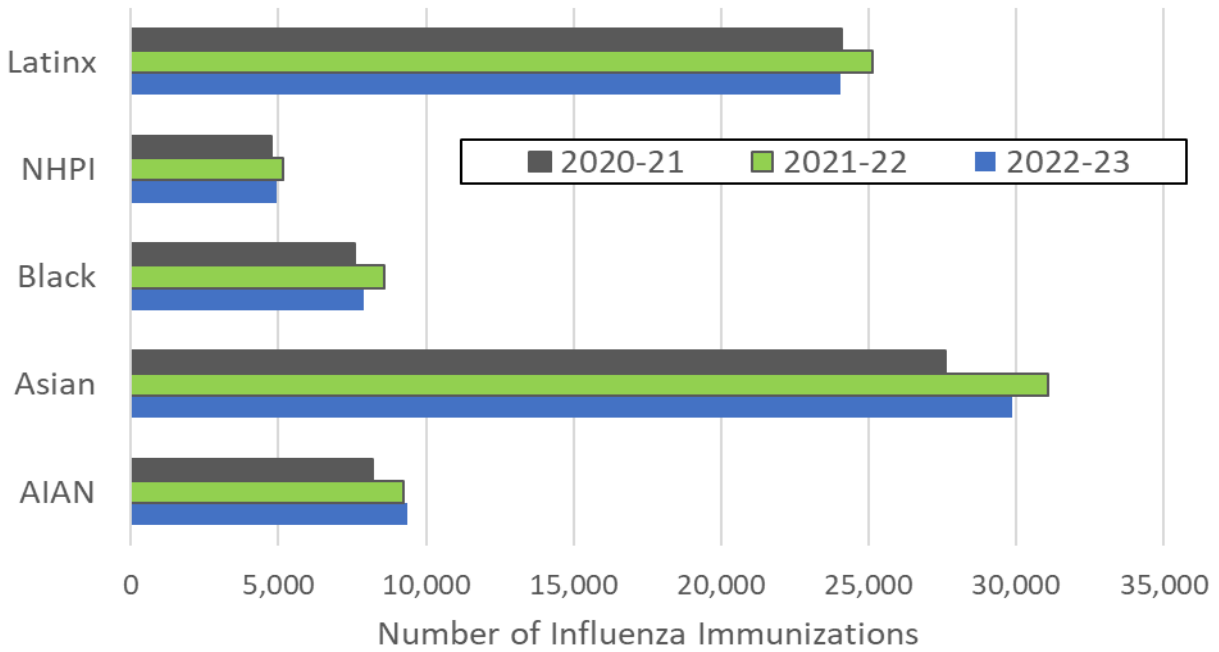
The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of Oct. 14th, the ALERT IIS has records for close to a half-million influenza immunizations given since July 31st of 2022. One purpose of OIP tracking is to assess how current season influenza immunizations to date compare to prior seasons. To date, current weekly data shows that Oregon is running below prior season influenza immunization uptake. Typically, influenza immunizations peak in mid to late October every season.

OIP is also tracking disparities in influenza immunization by race and ethnicity. Historically in Oregon, influenza immunization rates for Black and Latinx populations have lagged behind the general population. To date, influenza immunization totals by race and ethnicity in Oregon are similar to prior totals from the 2020-21 season for Black and Latinx Oregonians, but slightly below 2021-22 season totals. In the chart below, ‘NHPI’ stands for Native Hawaiian/Pacific Islander, and ‘AIAN’ is for American Indian/Alaskan Native.

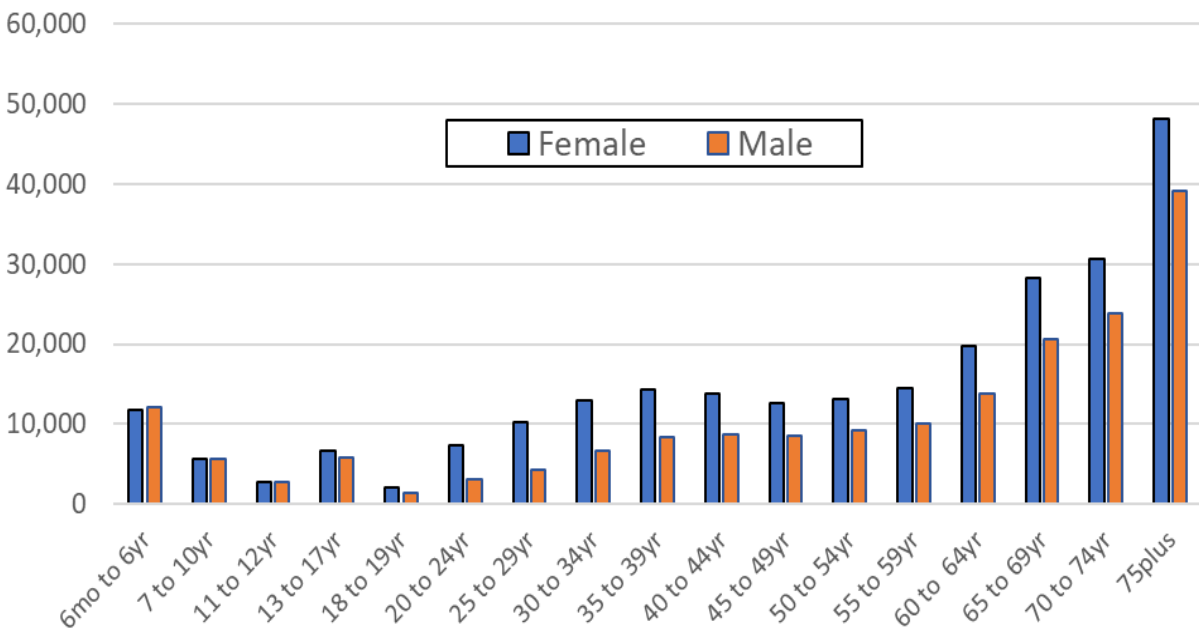
For this week we are including a chart on influenza immunization totals across gender in Oregon. Influenza immunization totals are similar for boys and girls. However, starting with young adults, roughly 2/3rds of influenza immunizations go to women. Differences in immunization totals among older adults by gender are based in part or mostly on higher survival rates for senior women and larger population sizes. For non-senior adults, gender disparity in influenza immunization rates is a long-standing observation from the ALERT IIS.



Oregon 2022-23 Season Influenza Immunizations by Race & Ethnicity as of Oct. 11th, 2022, Compared to Prior Seasons



Oregon Influenza Immunizations by Age & Gender, as of Oct 11th, 2022



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 3.3% 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](#)

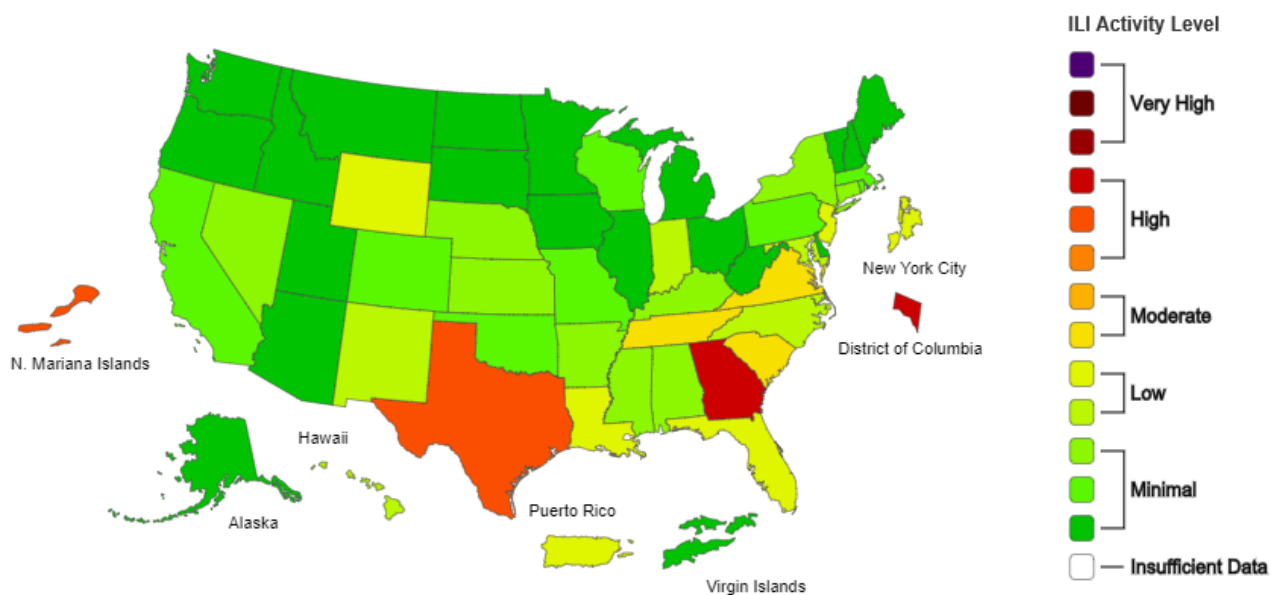
Illness

- **ILINet Outpatient Illness:** Nationwide during week 40, 2.6% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 6 jurisdictions experienced high or very high activity and 3 jurisdictions experienced moderate activity,
- **Long-term Care Facilities:** This week, 0.3% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **HHS Protect Hospitalizations:** 1,322 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 14, 2022, 8.7% of the deaths that occurred during the week ending October 8, 2022 (week 40), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 5.8% for this week.
- **Pediatric Deaths:** 0 influenza related deaths were reported this week, 0 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>

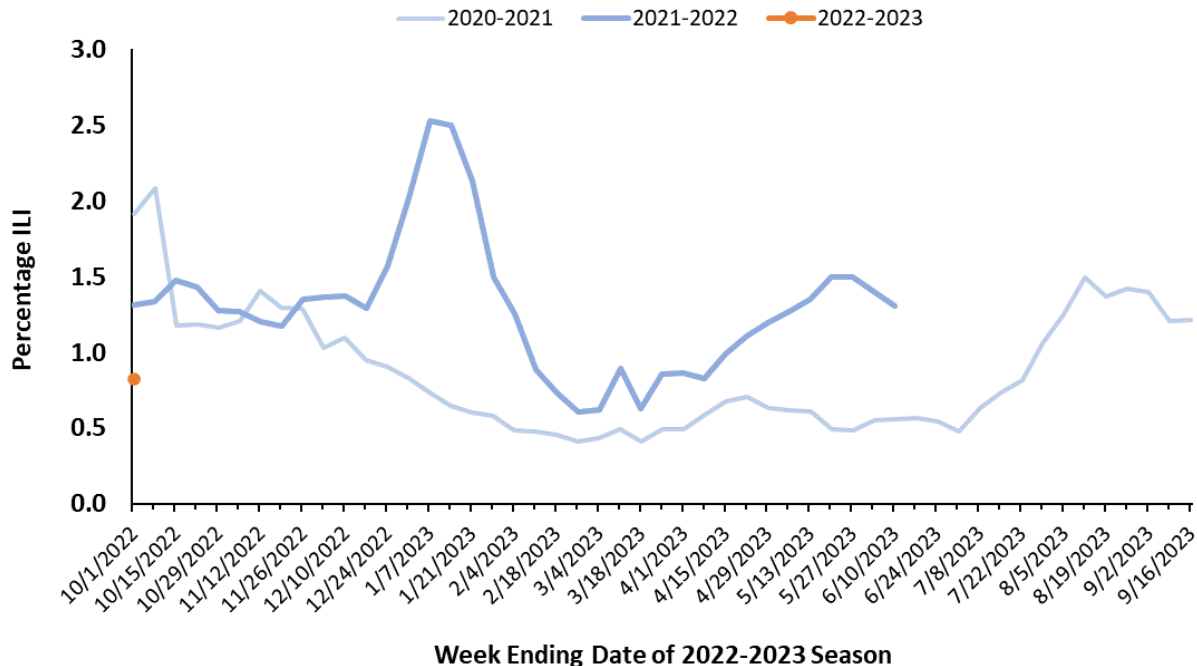
Oregon Public Health Division

Published October 7th, 2022

Data at a Glance September 25th 2022 - October 1st 2022 (Week 39)	
	Current Week (39)
Percentage of emergency department visits for ILI ¹	0.8%
Percentage positive influenza tests ²	0.5%
Portland tri-county influenza-associated hospitalizations ³	0
Reported influenza outbreaks	0
Influenza-associated pediatric mortality	0

¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.
²Percent positivity based on data from Oregon reporters to the National Respiratory and Enteric Virus Surveillance System (NREVSS)
³Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.
⁴Percent positivity based on data from Oregon's RSV Laboratory Surveillance System.

Figure 1. Percentage of ED Visits for ILI, Oregon ESSENCE Syndromic Surveillance, 2020-2021, 2021-2022, 2022-2023



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 0.8% during week 39, 2022.

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 0.5% of specimens tested at Oregon labs were positive for influenza during week 39, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

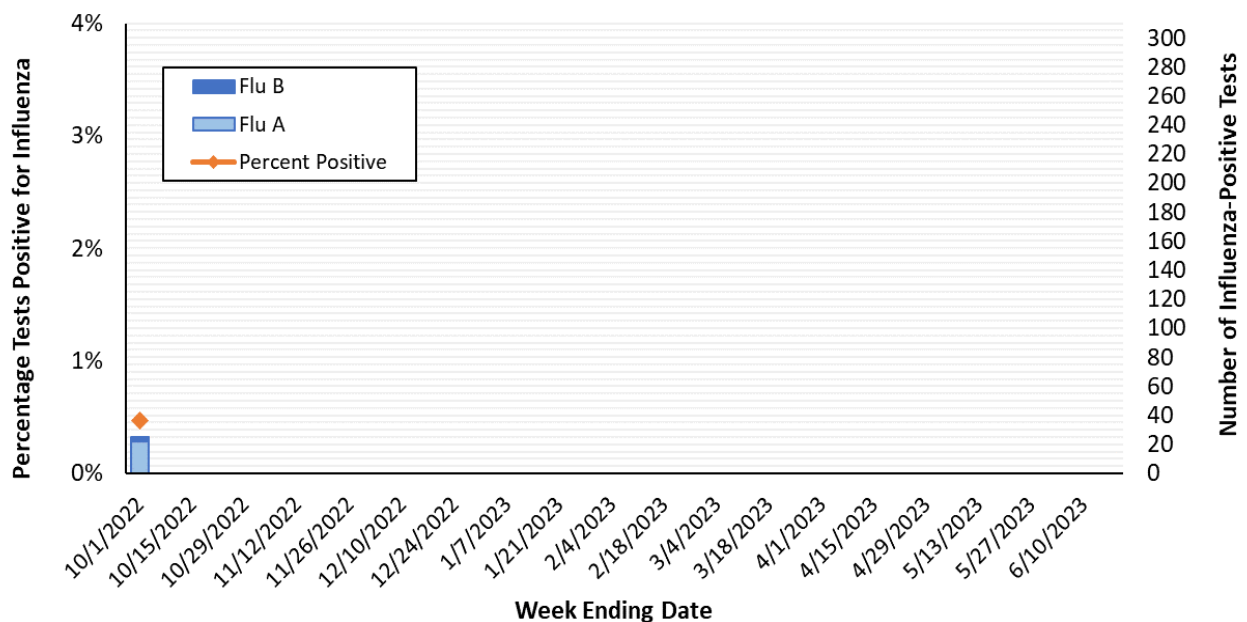
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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).

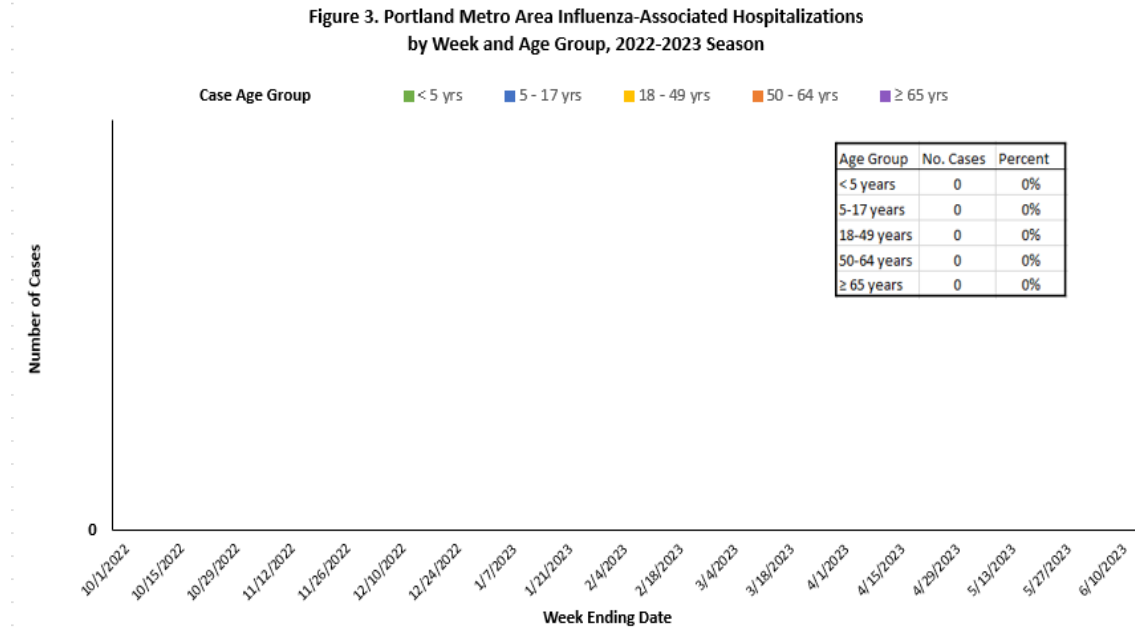
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2022–2023 Season

Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	3683	9	0.2%	8	88.9%	1	11.1%
Southern Oregon	682	4	0.6%	4	100.0%	0	0.0%
Columbia Gorge	209	9	4.3%	9	100.0%	0	0.0%
Central Oregon	730	1	0.1%	1	100.0%	0	0.0%
Willamette Valley	44	2	4.5%	0	0.0%	2	100.0%
State Total	5348	25	0.5%	22	88.0%	3	12.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2022-2023 Season**

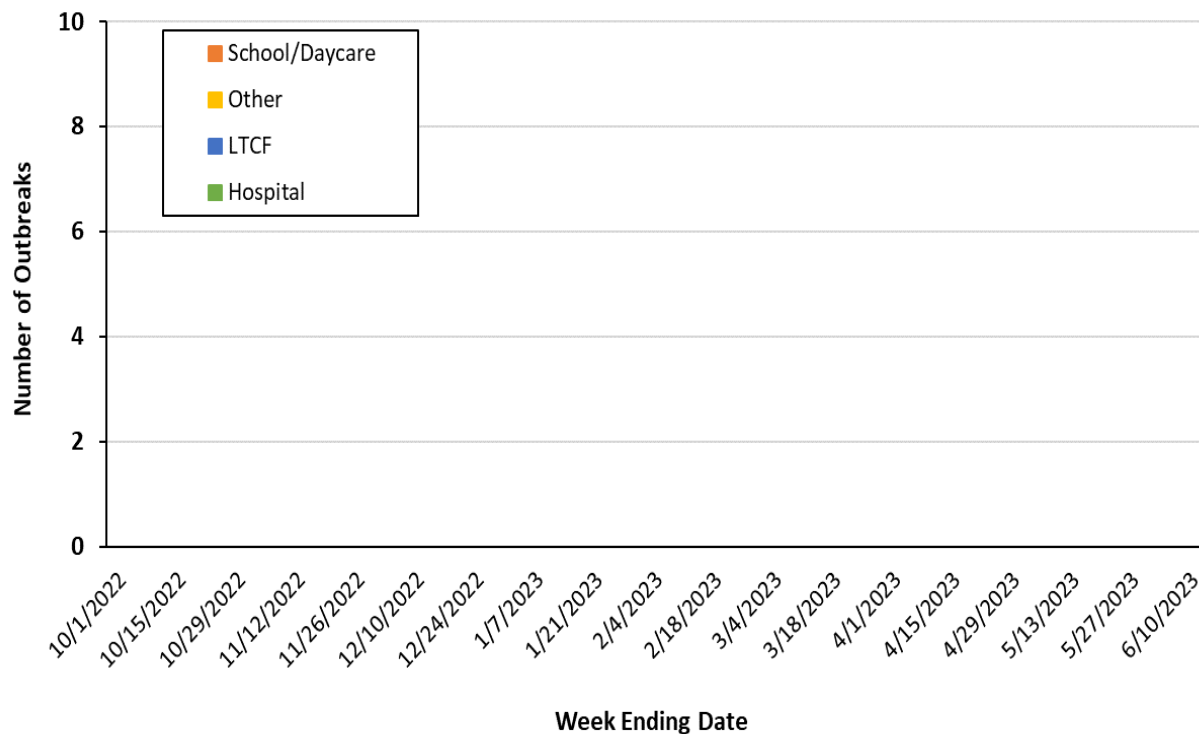


Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 0 influenza-associated hospitalization reported during week 39 of 2022. There have been 0 reported hospitalizations during the 2022-2023 season.



Influenza Outbreaks: There were 0 influenza outbreaks reported during week 39, 2022, there have been 0 reported outbreaks during the 2022-2023 season.

Figure 4. Number of Influenza Outbreaks in Oregon by Setting, 2022-2023 Season

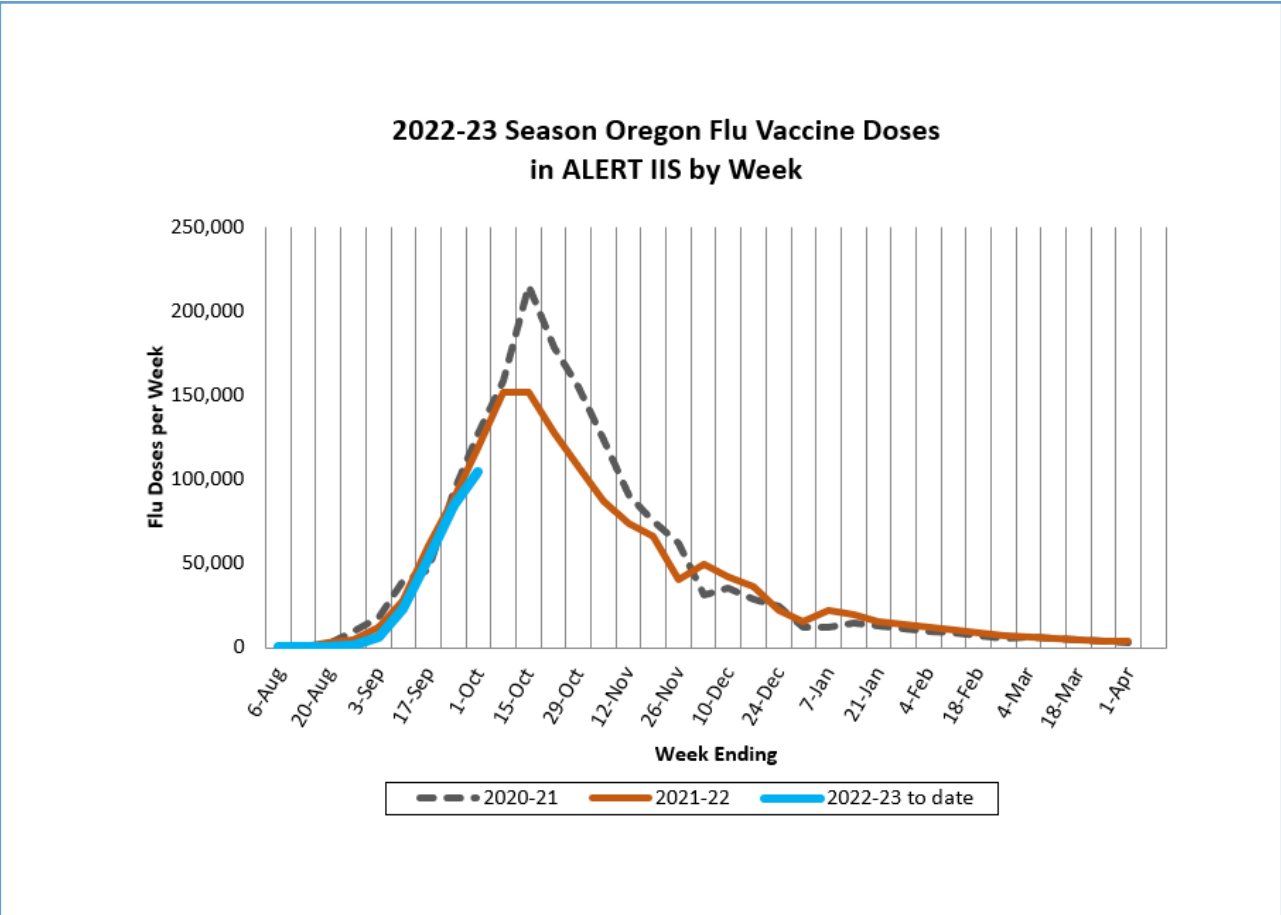


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 39, 2022 and none yet reported to the Oregon Health Authority in the 2022—2023 influenza season.

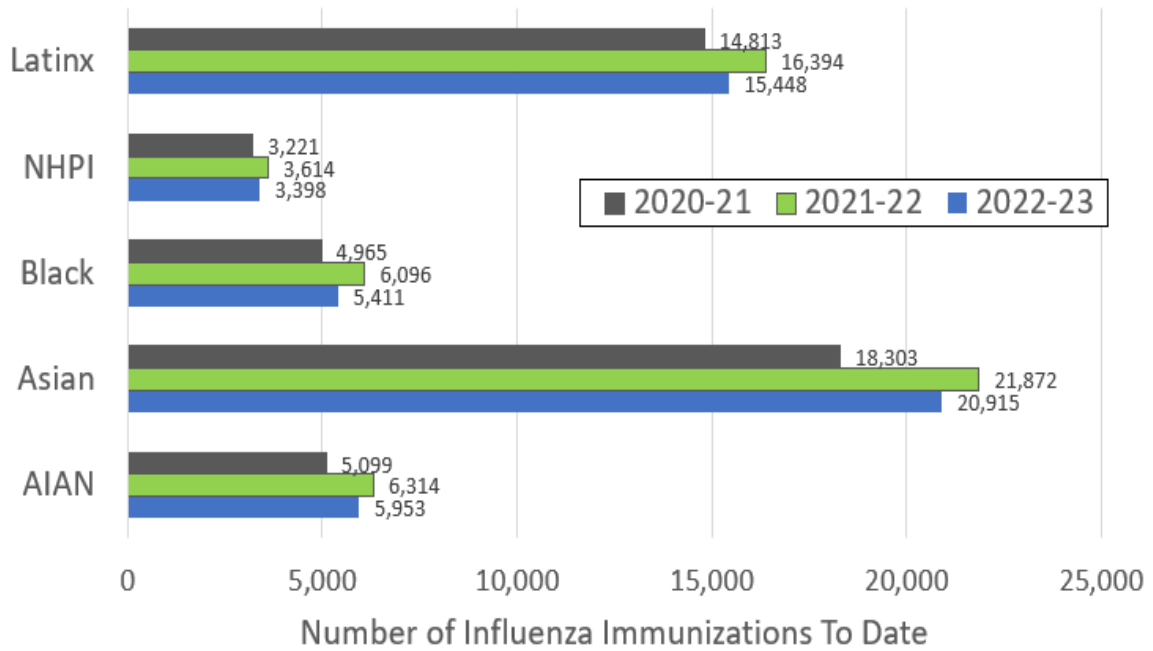
Influenza Immunizations: The Oregon Immunization Program (OIP) tracks seasonal influenza immunizations on a weekly basis using the ALERT Immunization Information System (ALERT IIS). The ALERT IIS is Oregon’s registry of immunizations given to people in Oregon. As of Oct. 1st of 2022, the ALERT IIS has records for over 310,000 influenza immunizations given since July 31st of 2022. Typically, influenza immunizations peak in mid to late October every season.

Current influenza immunization totals look comparable to those from the past two seasons, 2021-22 and 2020-21, for this time of year. An ongoing concern for this season is whether having both COVID boosters and flu shots due at the same of the year will lead to decreased flu shot seeking. In 2021-22, COVID booster availability led to lower rates of influenza immunization. So far this season, more influenza immunizations are also being given by pharmacies when compared to last season.

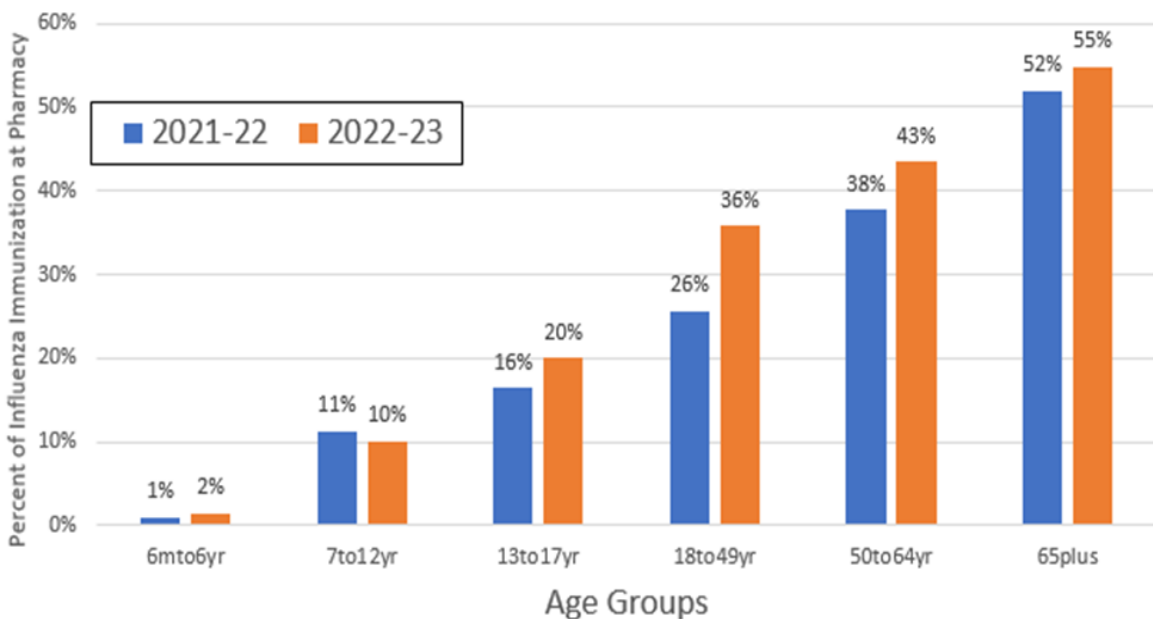
Historically in Oregon, influenza immunization rates for Black and Latinx populations have lagged consistently behind the general population. To date, influenza immunization totals by race and ethnicity in Oregon appear ahead of the 2020-21 season at this time of the year, but slightly behind the totals from the 2021-22 season for Black and Latinx Oregonians. In the chart below, ‘NHP’ stands for Native Hawaiian/Pacific Is-



Oregon 2022-23 Season Influenza Immunizations by Race & Ethnicity as of Oct. 1st, 2022, Compared to Prior Seasons



Oregon Percentage of Influenza Immunizations given at Pharmacies, by Age, 2022-23 versus 2021-22 Seasons to Date



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 2.5% 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](#)

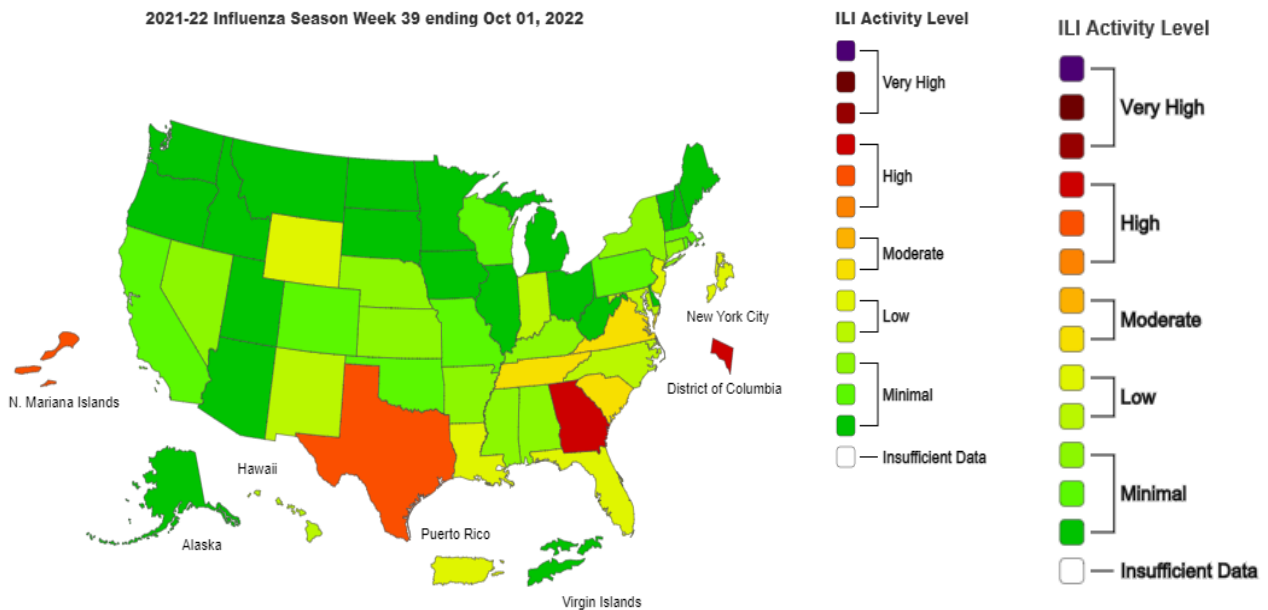
Illness

- **ILINet Outpatient Illness:** Nationwide during week 39, 2.4% of visits to a health care provider are for respiratory illness.
- **ILINet Activity Map:** This week, 0 jurisdictions experienced high or very high activity, 4 jurisdictions experienced moderate activity, 3 jurisdictions experienced low activity, 37 jurisdictions experienced minimal activity
- **Long-term Care Facilities:** This week, 0.3% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **HHS Protect Hospitalizations:** 885 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 6, 2022, 8.7% of the deaths that occurred during the week ending October 1, 2022 (week 39), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 5.7% for this week. Among the 2,035 PIC deaths reported for this week, 983 had COVID-19 listed as an underlying or contributing cause of death on the death certificate, and five listed influenza, indicating that current PIC mortality is due primarily to COVID-19 and not influenza
- **Pediatric Deaths:** 0 influenza related deaths was reported this week, 0 influenza-associated pediatric death 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>