

Oregon Public Health Division

Published June 17th, 2022

Data at a Glance June 5th 2022 - June 11 2022 (Week 23)

	Current Week (23)	Previous Week (22)
Percentage of emergency department visits for ILI ¹	1.3%	1.4%
Percentage positive influenza tests ²	2.6%	4.6%
Portland tri-county influenza-associated hospitalizations ³	6	9
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0

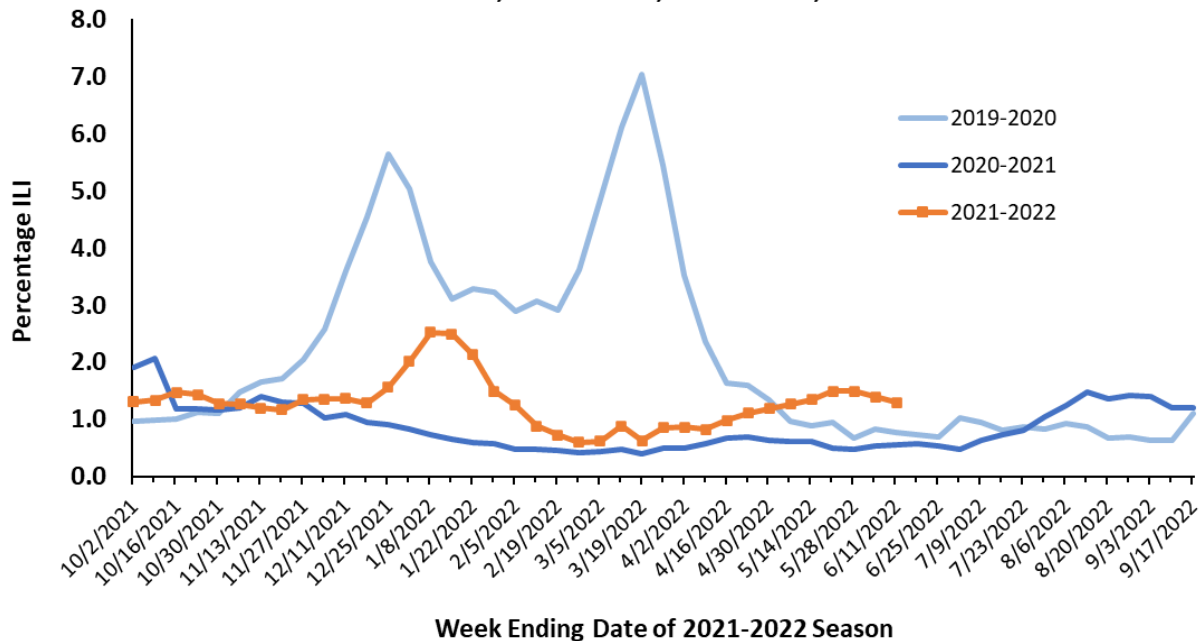
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 23, 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 4.6% of specimens tested at Oregon labs were positive for influenza during week 23, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

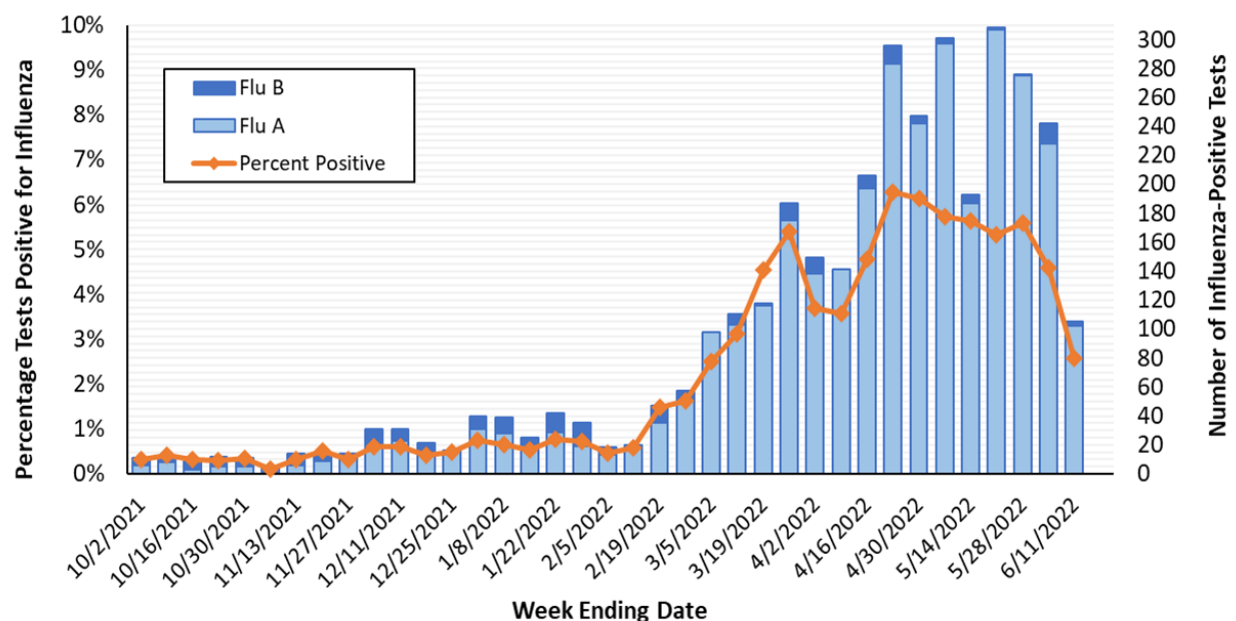
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

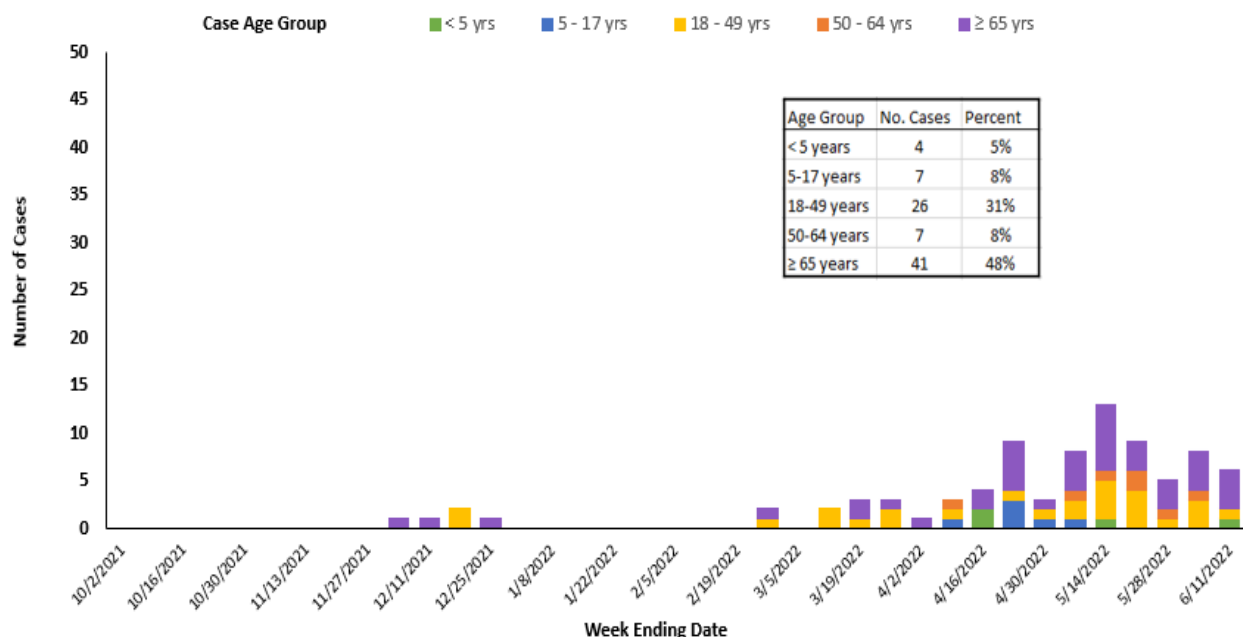
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1566	11	0.7%	11	100.0%	0	0.0%
Southern Oregon	788	15	1.9%	15	100.0%	0	0.0%
Columbia Gorge	347	23	6.6%	23	100.0%	0	0.0%
Central Oregon	917	45	4.9%	45	100.0%	0	0.0%
Willamette Valley	460	11	2.4%	8	72.7%	3	27.3%
State Total	4078	105	2.6%	102	97.1%	3	2.9%

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



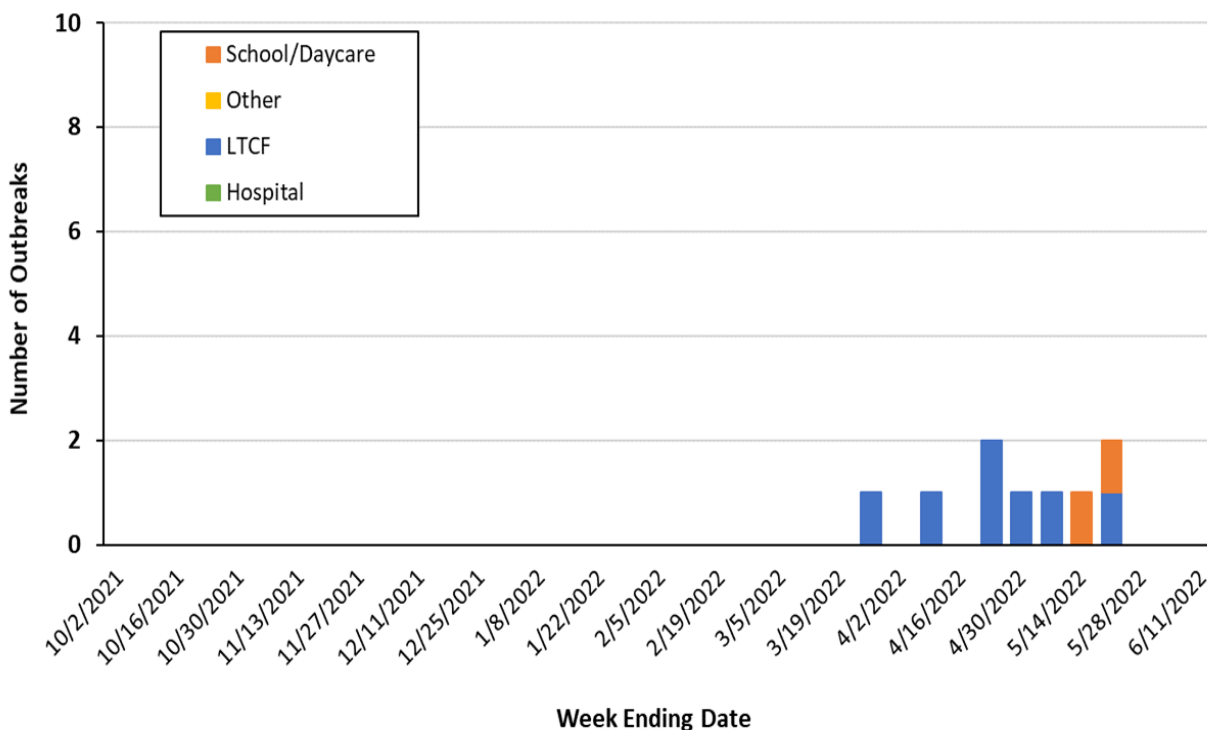
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 6 influenza-associated hospitalization reported during week 23 of 2022. There have been 85 reported hospitalizations during the 2021-2022 season.

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



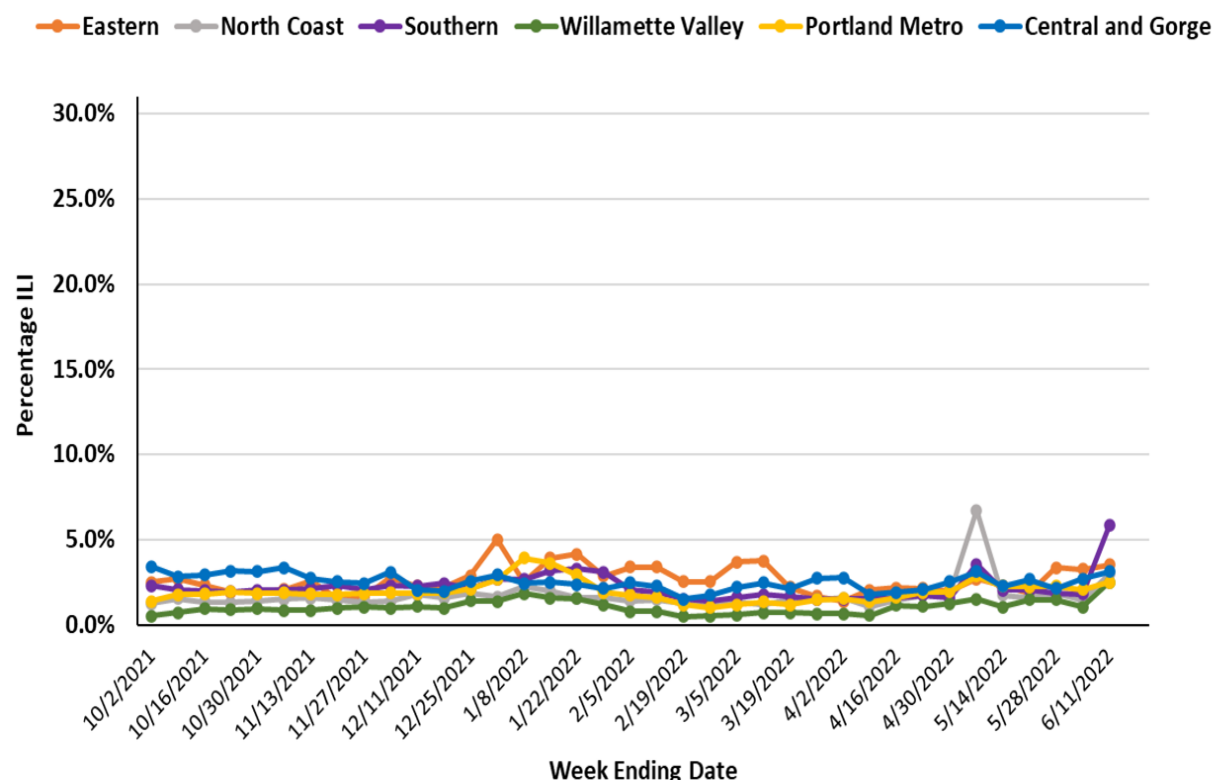
Influenza Outbreaks: There were 0 influenza outbreaks reported during week 23, 2022, there have been 9 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 23 of 2022 was 3.1%. Regionally, the percent was highest in the Eastern Oregon region (5.8%) and lowest in the Portland Metro (2.5%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 23, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 3.4% 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

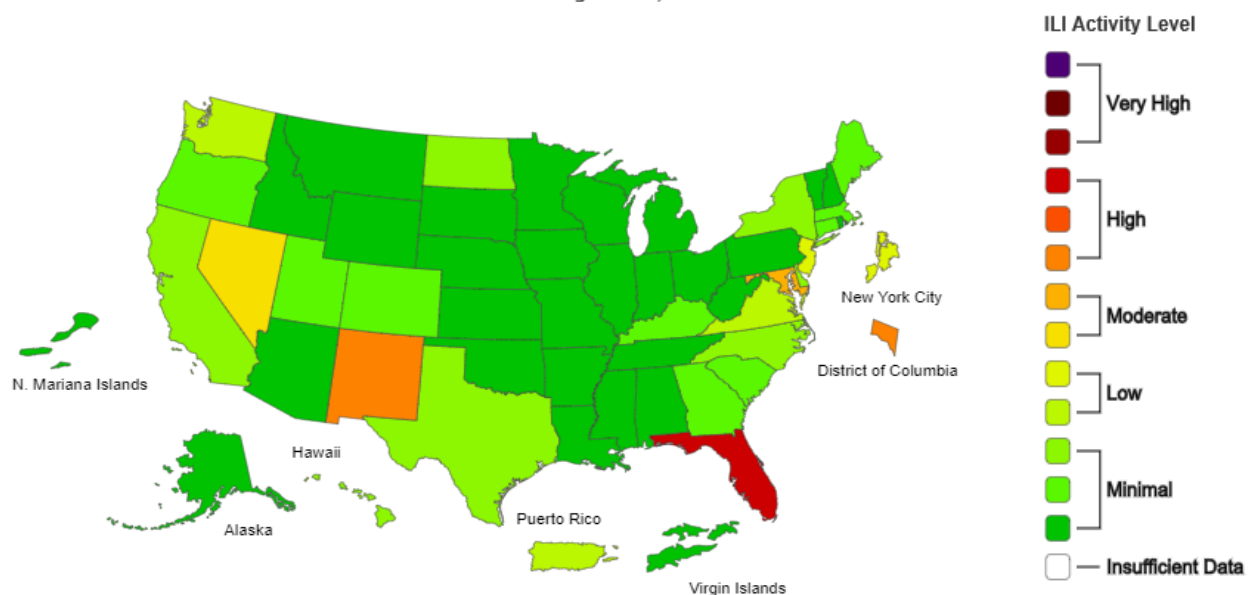
- **ILINet Outpatient Illness:** Nationwide during week 23, 2.1% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 3 jurisdictions experienced moderate activity and 0 jurisdictions experienced high or 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:** 17.1 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,089 patients admitted to hospitals with influenza this week
- **PIC Mortality:** No report this week due to system-wide coding upgrade.
- **Pediatric Deaths:** 1 influenza related deaths were reported this week, 29 influenza-associated pediatric death has occurred during the 2021-2022 season and have been reported to CDC.

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

2021-22 Influenza Season Week 23 ending Jun 11, 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 June 10th, 2022

Data at a Glance May 29nd 2022 – June 4th 2022 (Week 22)

	Current Week (22)	Previous Week (21)
Percentage of emergency department visits for ILI ¹	1.4%	1.5%
Percentage positive influenza tests ²	4.6%	5.6%
Portland tri-county influenza-associated hospitalizations ³	9	4
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0

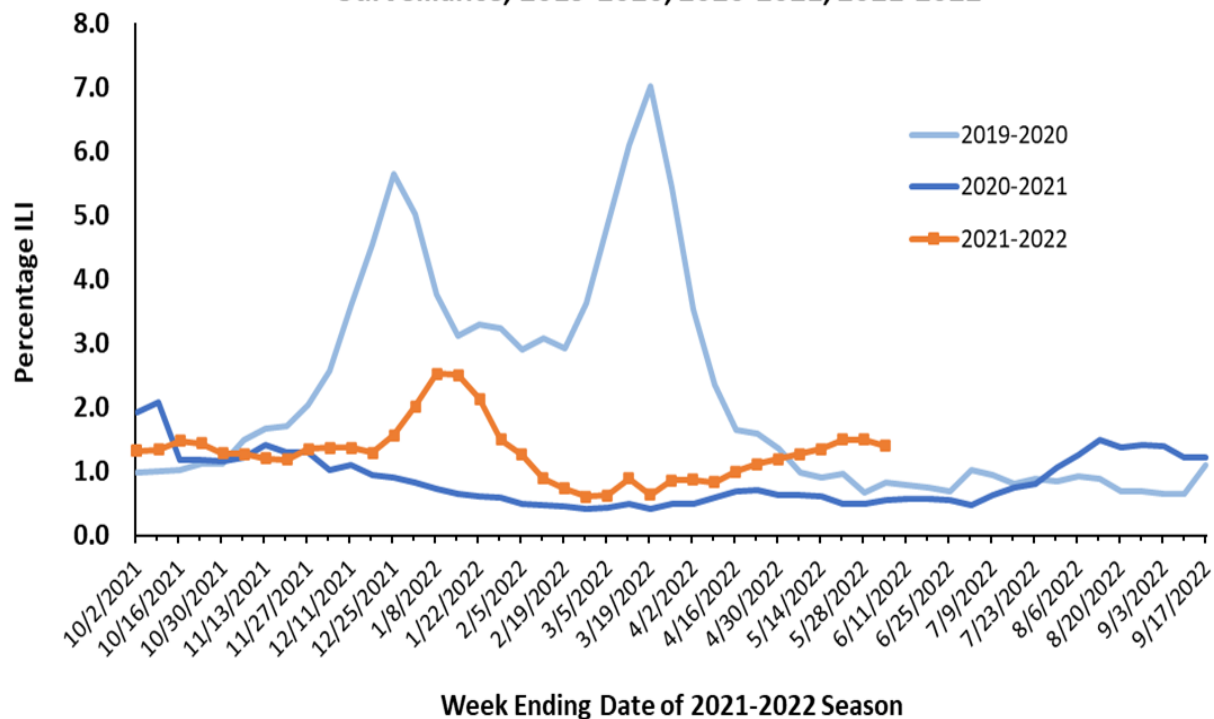
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²Percent positivity based on data from Oregon reporters to the National Respiratory and Enteric Virus Surveillance System (NREVSS)

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.4% during week 22, 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 4.6% of specimens tested at Oregon labs were positive for influenza during week 22, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

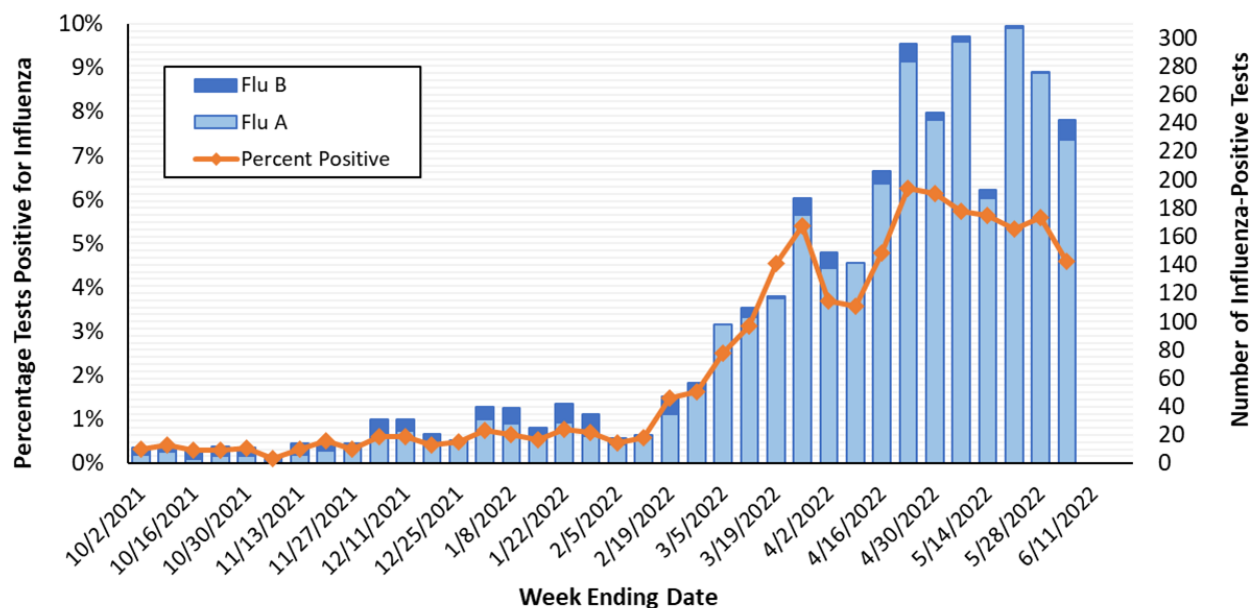
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

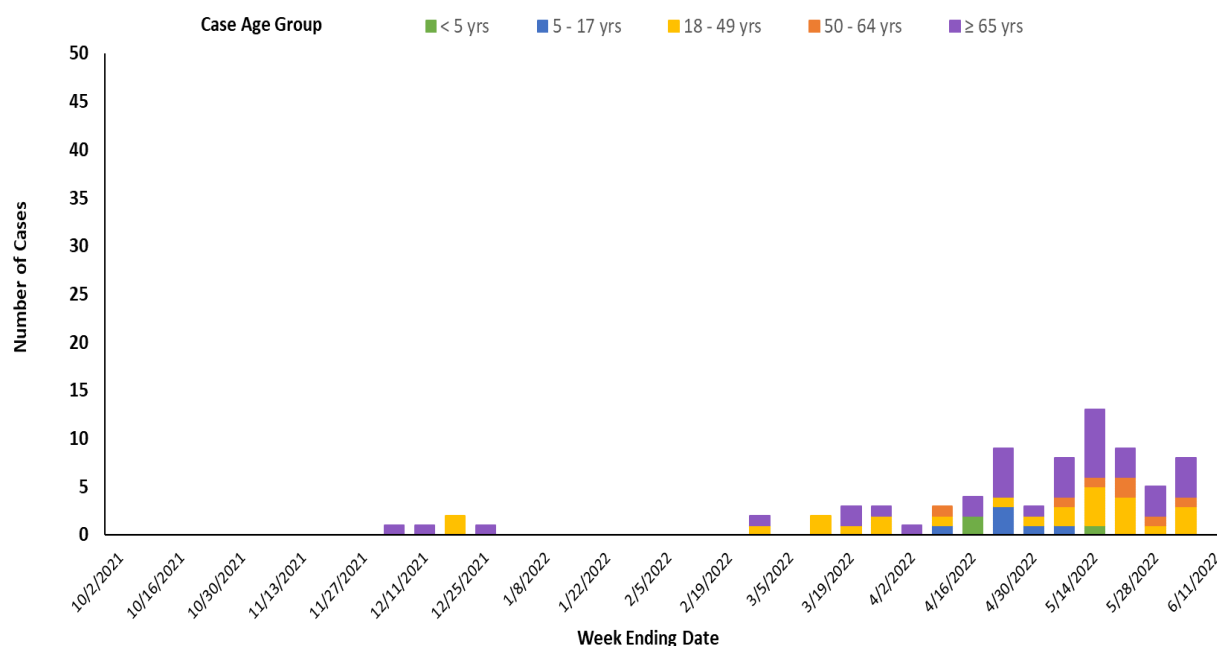
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2944	64	2.2%	64	100.0%	0	0.0%
Southern Oregon	811	28	3.5%	28	100.0%	0	0.0%
Columbia Gorge	357	53	14.8%	52	98.1%	1	1.9%
Central Oregon	1000	79	7.9%	79	100.0%	0	0.0%
Willamette Valley	158	18	11.4%	5	27.8%	13	72.2%
State Total	5270	242	4.6%	228	94.2%	14	5.8%

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



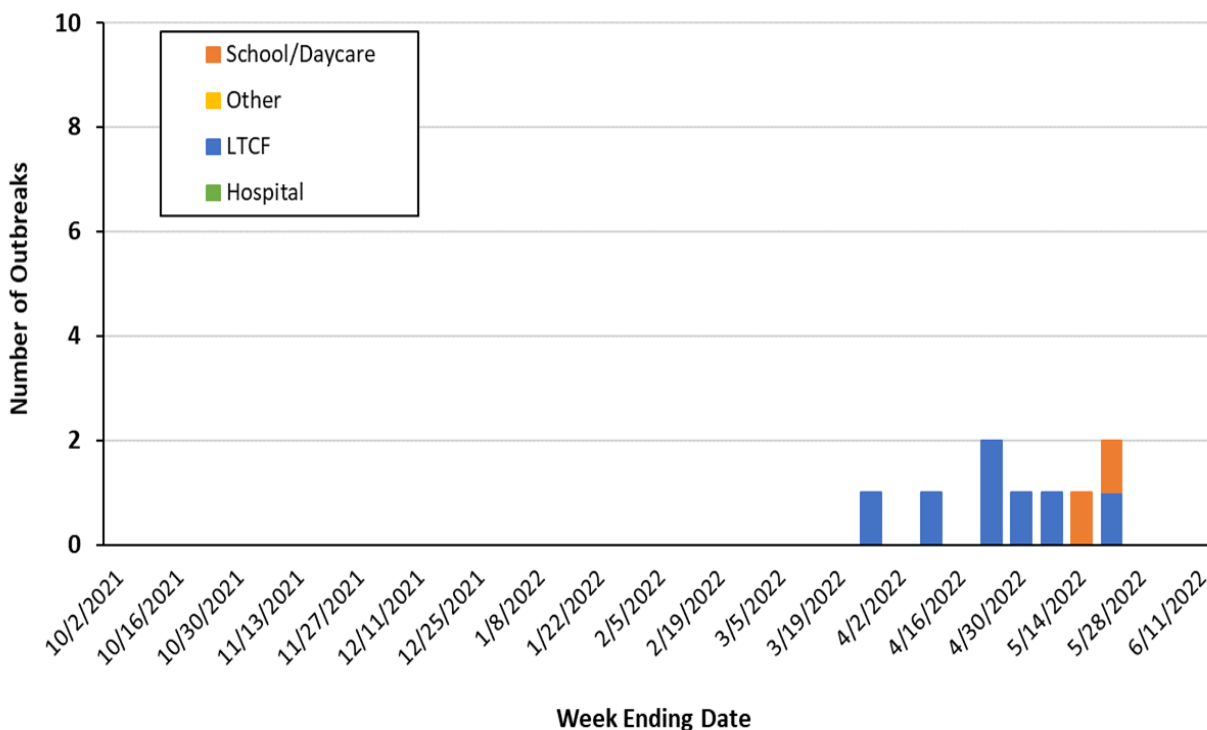
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 9 influenza-associated hospitalization reported during week 22 of 2022. There have been 79 reported hospitalizations during the 2021-2022 season.

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



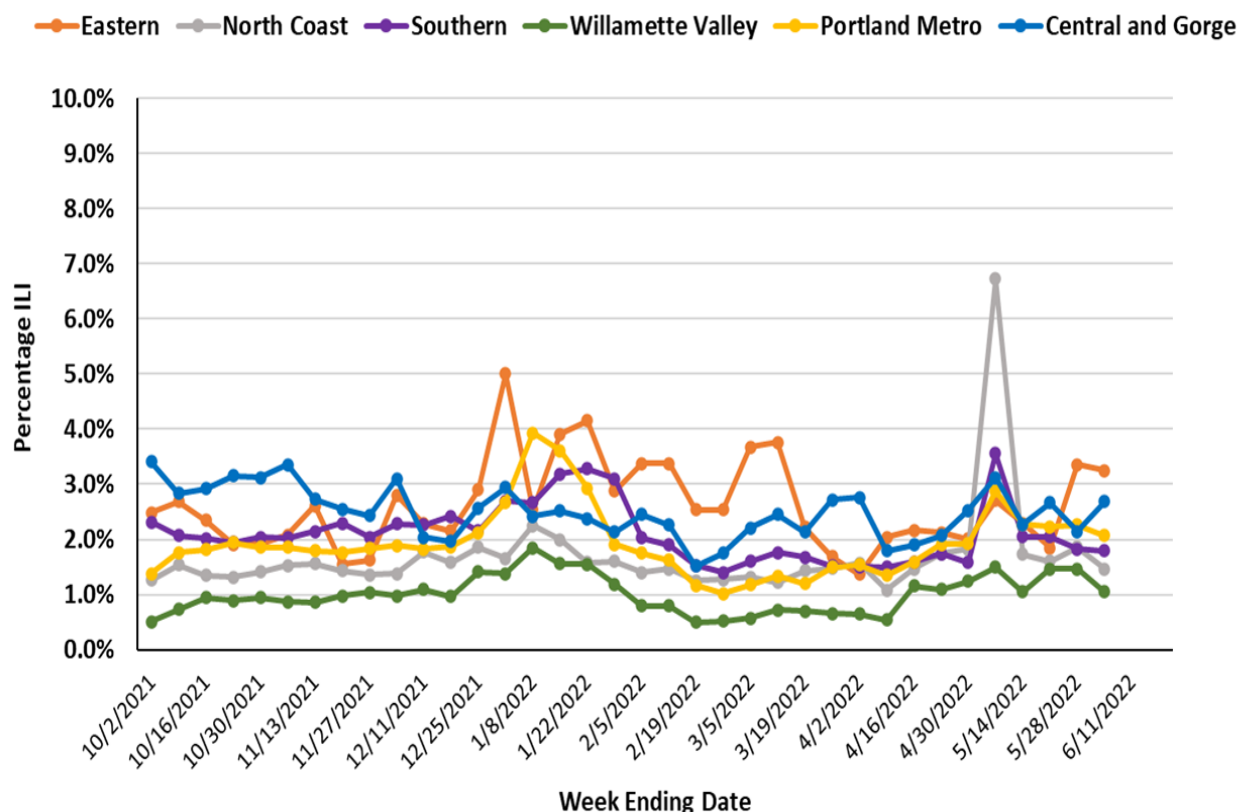
Influenza Outbreaks: There were 0 influenza outbreaks reported during week 22, 2022, there have been 9 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 22 of 2022 was 1.9%. Regionally, the percent was highest in the Eastern Region (3.3%) and lowest in the Willamette Valley (1.0%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 22, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Viruses

- ## Illness

- ## Severe Disease

- 2021-22 Influenza Season Week 22 ending Jun 04, 2022



Oregon Public Health Division

Published June 3rd, 2022

Data at a Glance May 22nd 2022 - May 28th 2022 (Week 21)

	Current Week (21)	Previous Week (20)
Percentage of emergency department visits for ILI ¹	1.5%	1.5%
Percentage positive influenza tests ²	5.6%	5.3%
Portland tri-county influenza-associated hospitalizations ³	4	9
Reported influenza outbreaks	0	2
Influenza-associated pediatric mortality	0	0

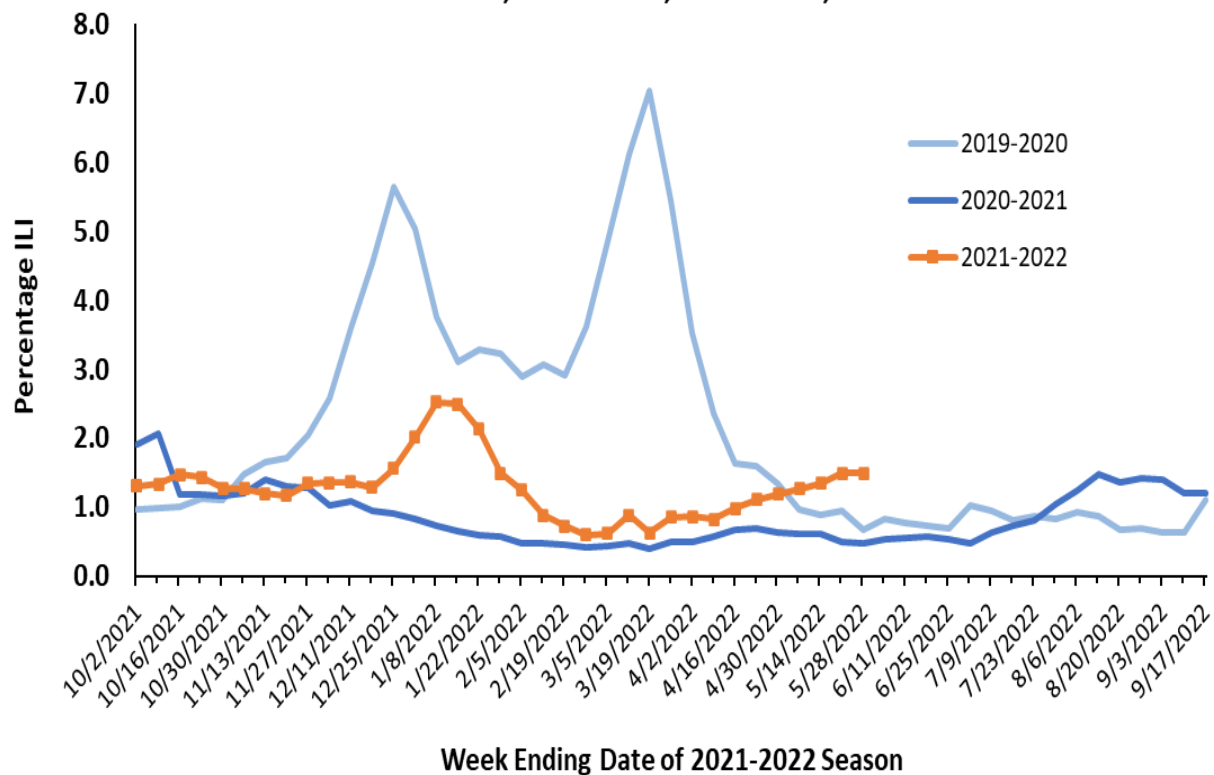
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³Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

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

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



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.5% during week 21, 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](https://www.cdc.gov/nrevss/).

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 5.6% of specimens tested at Oregon labs were positive for influenza during week 21, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

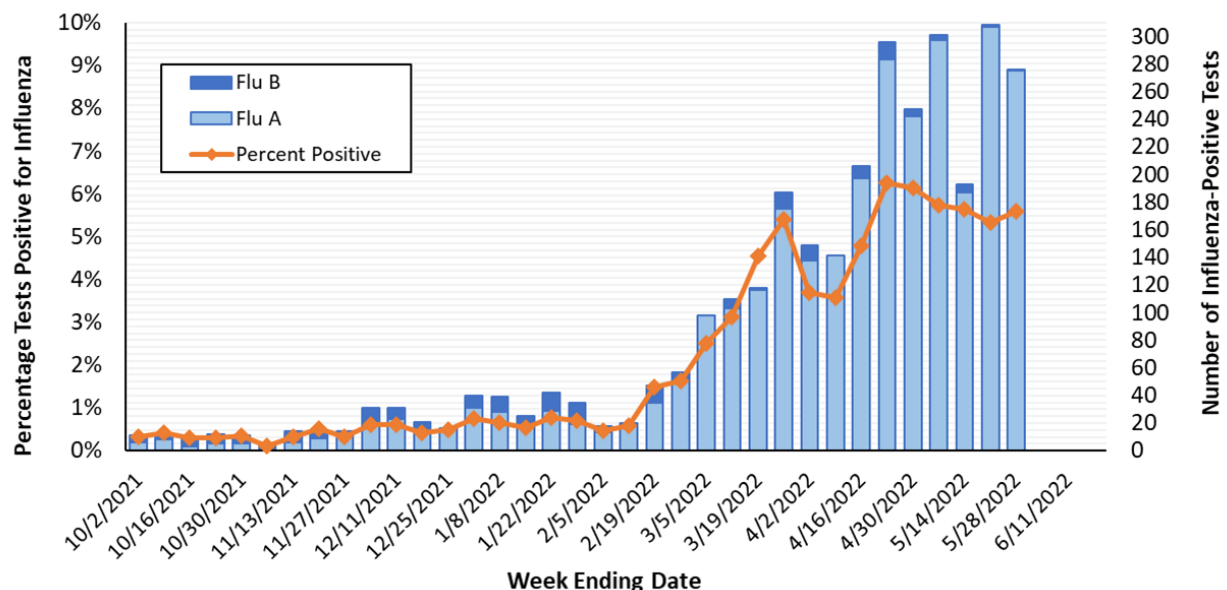
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Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2021–2022 Season

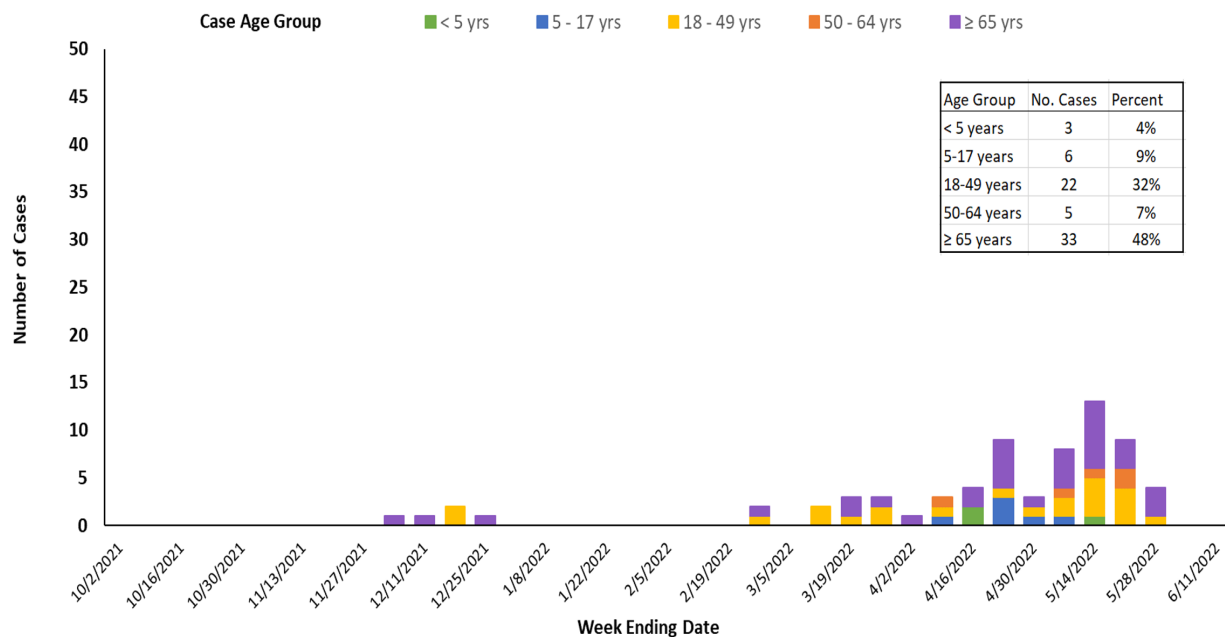
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2077	44	2.1%	44	100.0%	0	0.0%
Southern Oregon	998	62	6.2%	61	98.4%	1	1.6%
Columbia Gorge	431	65	15.1%	65	100.0%	0	0.0%
Central Oregon	1027	99	9.6%	99	100.0%	0	0.0%
Willamette Valley	413	6	1.5%	6	100.0%	0	0.0%
State Total	4946	276	5.6%	275	99.6%	1	0.4%

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



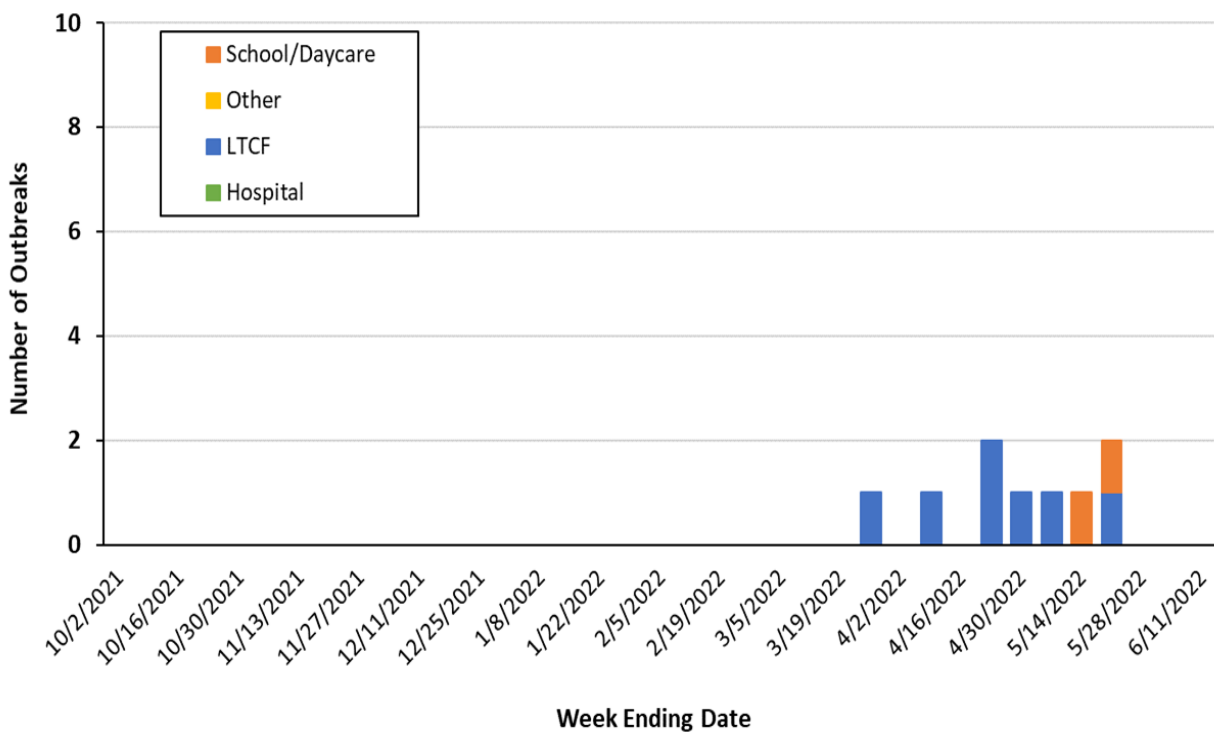
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 4 influenza-associated hospitalization reported during week 21 of 2022. There have been 69 reported hospitalizations during the 2021-2022 season.

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



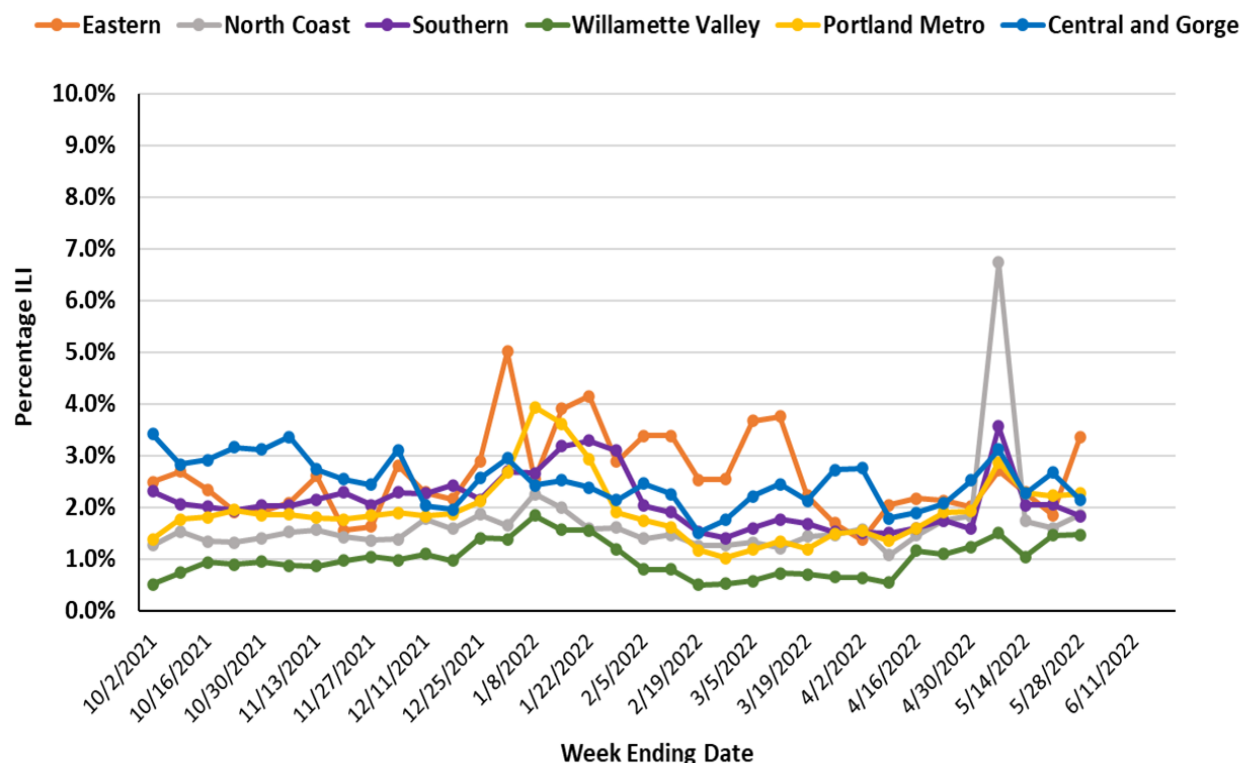
Influenza Outbreaks: There were 0 influenza outbreaks reported during week 21, 2022, there have been 9 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 21 of 2022 was 2.1%. Regionally, the percent was highest in the Eastern Region (3.4%) and lowest in the Willamette Valley (1.5%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 21, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 5.7% 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](#)

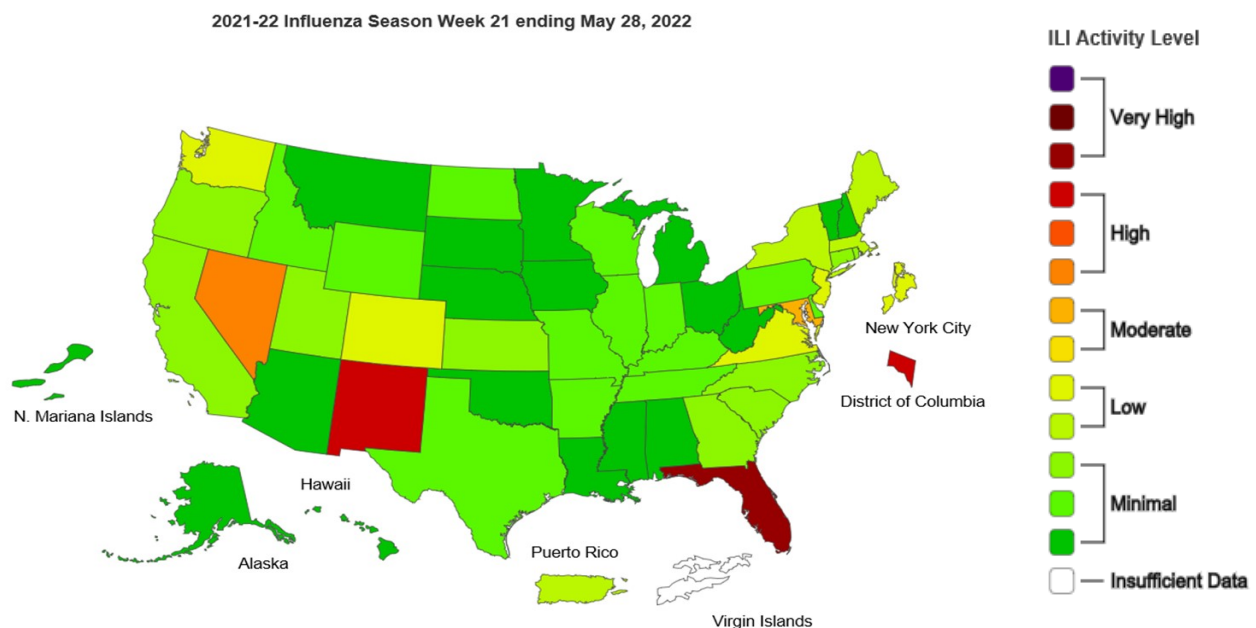
Illness

- **ILINet Outpatient Illness:** Nationwide during week 21, 2.3% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced moderate activity and 4 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 16.0 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,660 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on June 3rd, 2022 7.8% of the deaths that occurred during the week ending May 28th, 2022 (week 21), 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:** 0 influenza related deaths were reported this week, 25 influenza-associated pediatric death has occurred during the 2021-2022 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 May 27th, 2022

Data at a Glance May 15th 2022 - May 21th 2022 (Week 20)

	Current Week (20)	Previous Week (19)
Percentage of emergency department visits for ILI ¹	1.5%	1.3%
Percentage positive influenza tests ²	5.3%	5.6%
Portland tri-county influenza-associated hospitalizations ³	7	13
Reported influenza outbreaks	2	1
Influenza-associated pediatric mortality	0	0

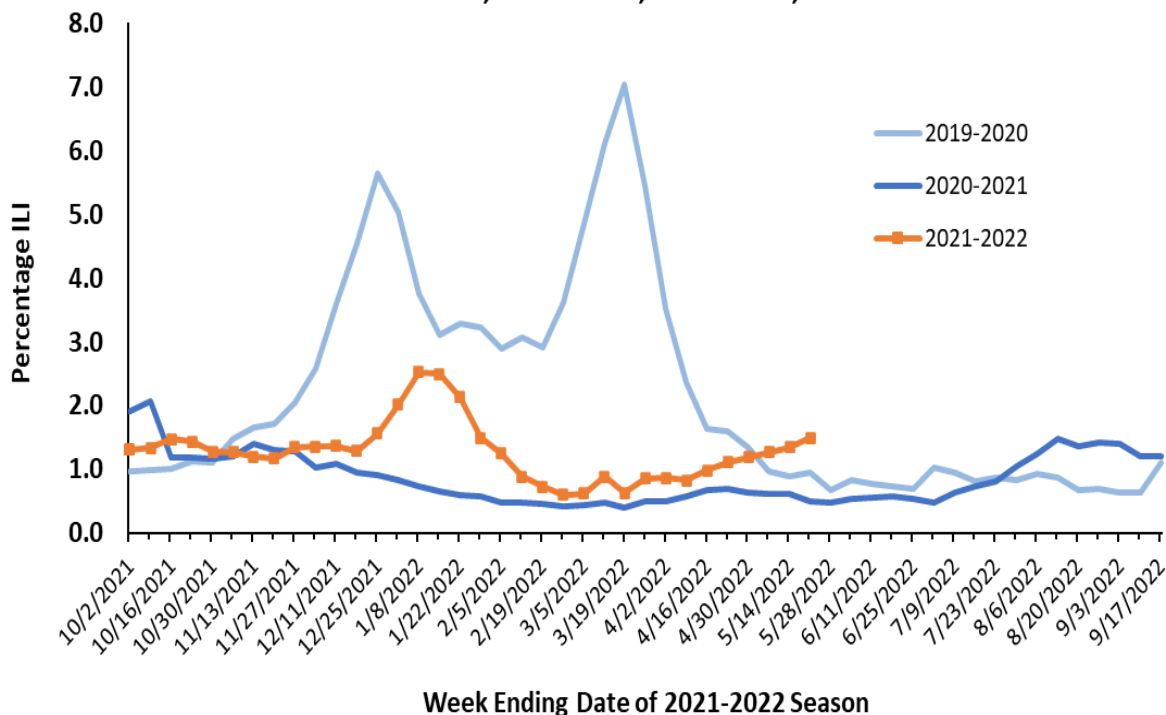
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Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

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 5.3% of specimens tested at Oregon labs were positive for influenza during week 20, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

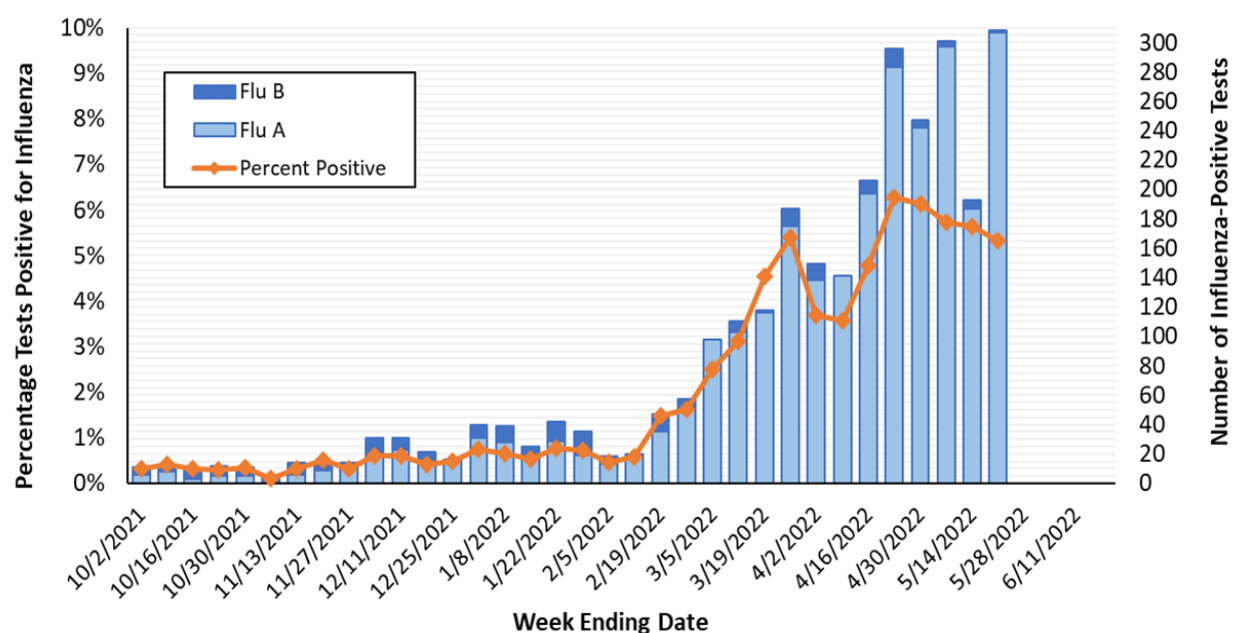
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Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2021–2022 Season

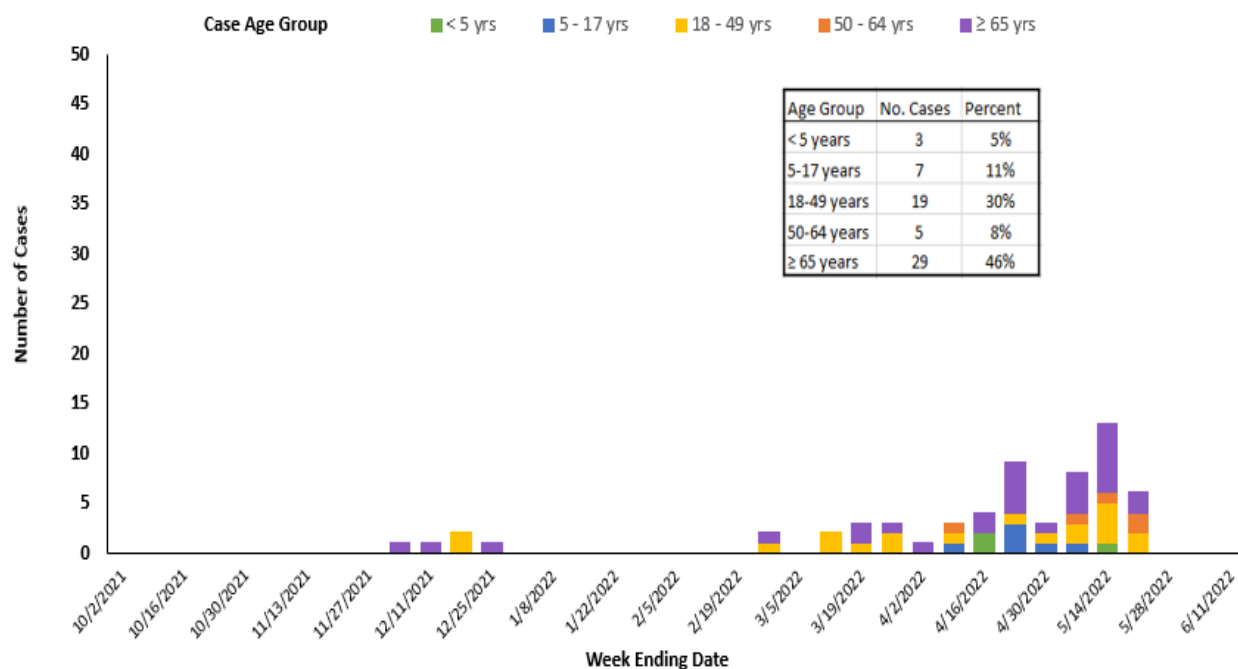
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	3321	101	3.0%	100	99.0%	1	1.0%
Southern Oregon	740	30	4.1%	30	100.0%	0	0.0%
Columbia Gorge	297	52	17.5%	52	100.0%	0	0.0%
Central Oregon	990	114	11.5%	114	100.0%	0	0.0%
Willamette Valley	435	11	2.5%	11	100.0%	0	0.0%
State Total	5783	308	5.3%	307	99.7%	1	0.3%

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



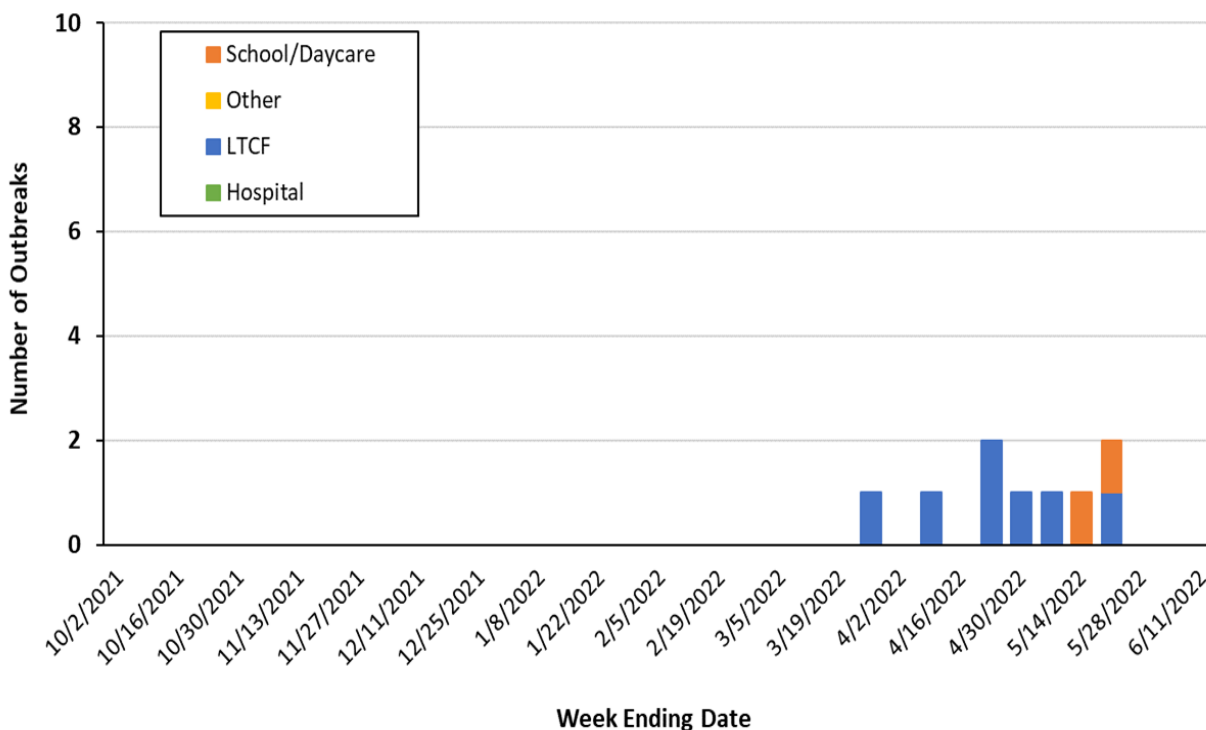
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 7 influenza-associated hospitalization reported during week 20 of 2022. There have been 63 reported hospitalizations during the 2021-2022 season.

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



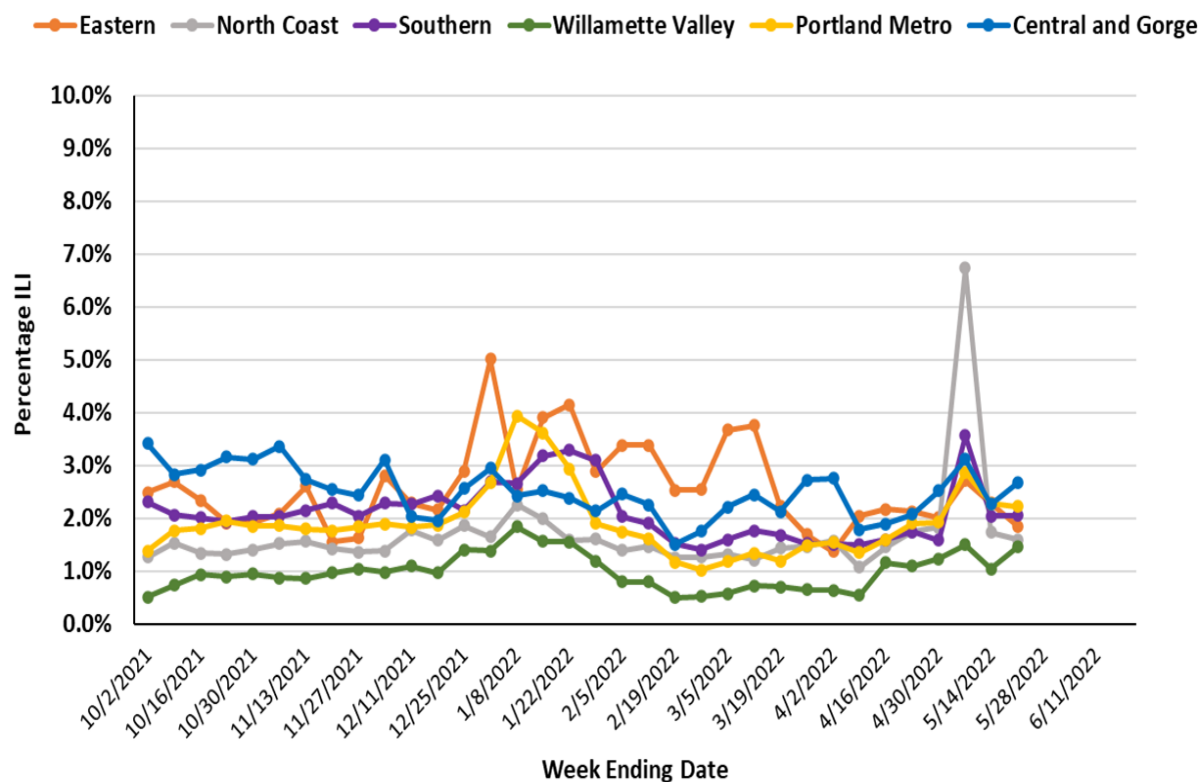
Influenza Outbreaks: There were 2 influenza outbreaks reported during week 20, 2022, there have been 9 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 20 of 2022 was 2.0%. Regionally, the percent was highest in the Central and Gorge Region (2.7%) and lowest in the Willamette Valley (1.5%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 20, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 6.4% 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](#)

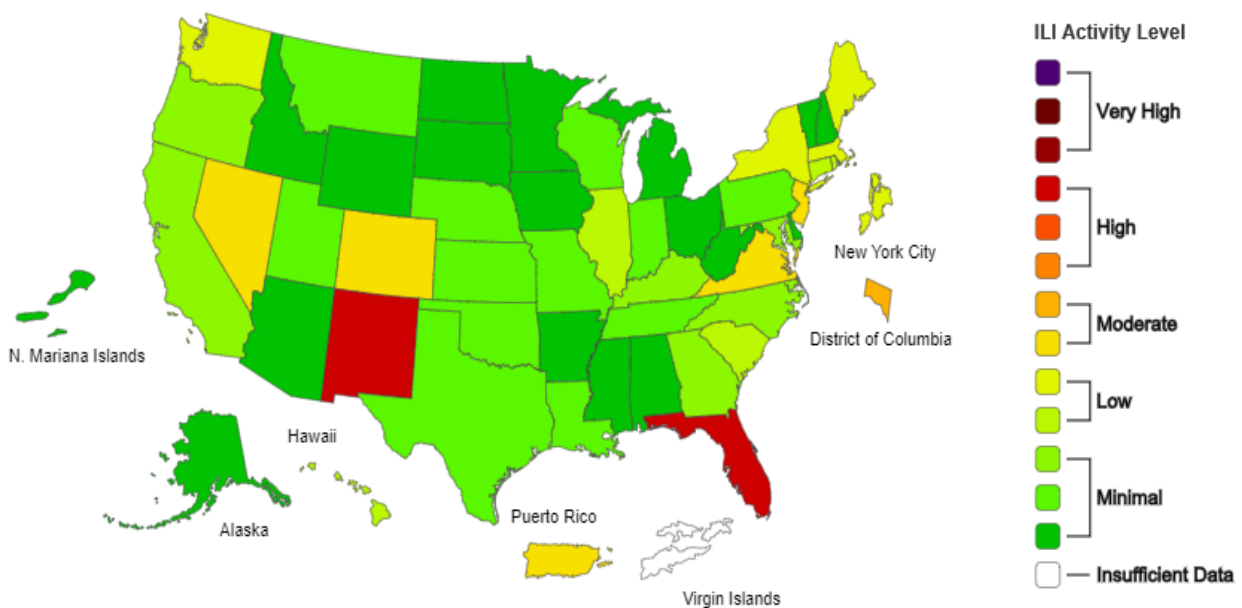
Illness

- **ILINet Outpatient Illness:** Nationwide during week 20, 2.4% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 6 jurisdiction experienced moderate activity and 2 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.6% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 15.5 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 3,039 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on May 27th, 2022 8.0% of the deaths that occurred during the week ending May 21th, 2022 (week 20), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.4% for this week.
- **Pediatric Deaths:** 1 influenza related deaths were reported this week, 25 influenza-associated pediatric death has occurred during the 2021-2022 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 May 20th, 2022

Data at a Glance May 8th 2022 - May 14th 2022 (Week 19)

	Current Week (19)	Previous Week (18)
Percentage of emergency department visits for ILI ¹	1.3%	1.3%
Percentage positive influenza tests ²	5.6%	5.7%
Portland tri-county influenza-associated hospitalizations ³	8	6
Reported influenza outbreaks	1	1
Influenza-associated pediatric mortality	0	0

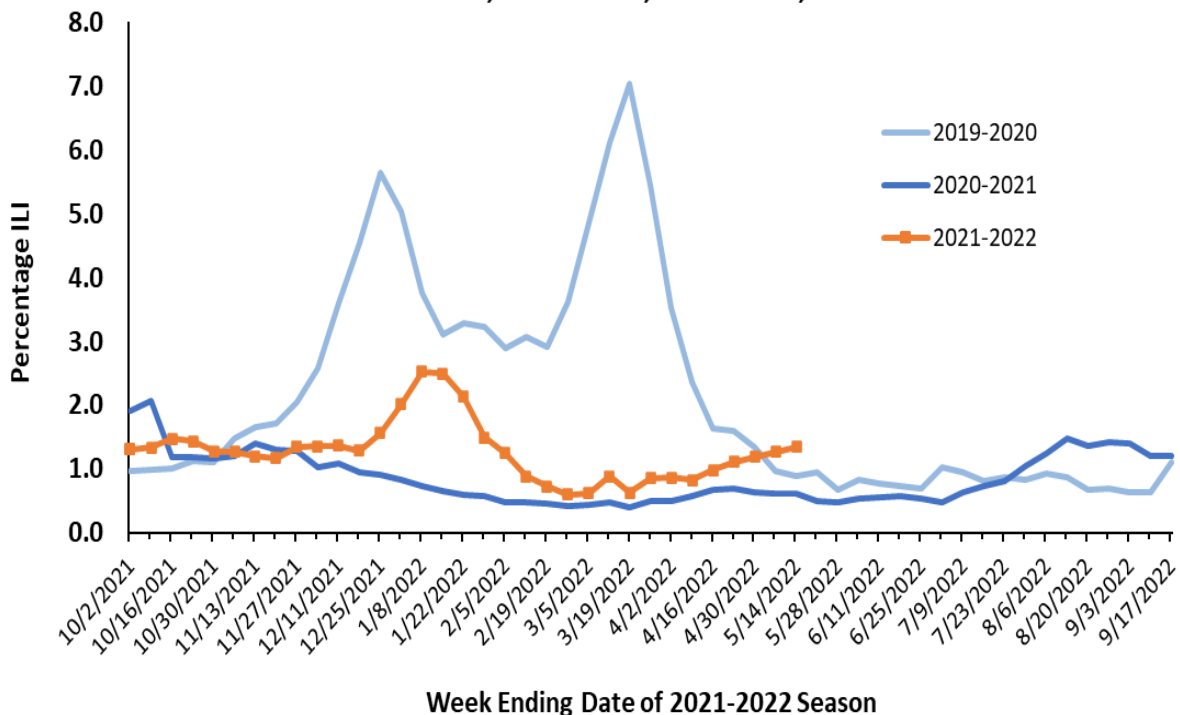
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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.

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

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



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 19, 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 5.7% of specimens tested at Oregon labs were positive for influenza during week 18, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

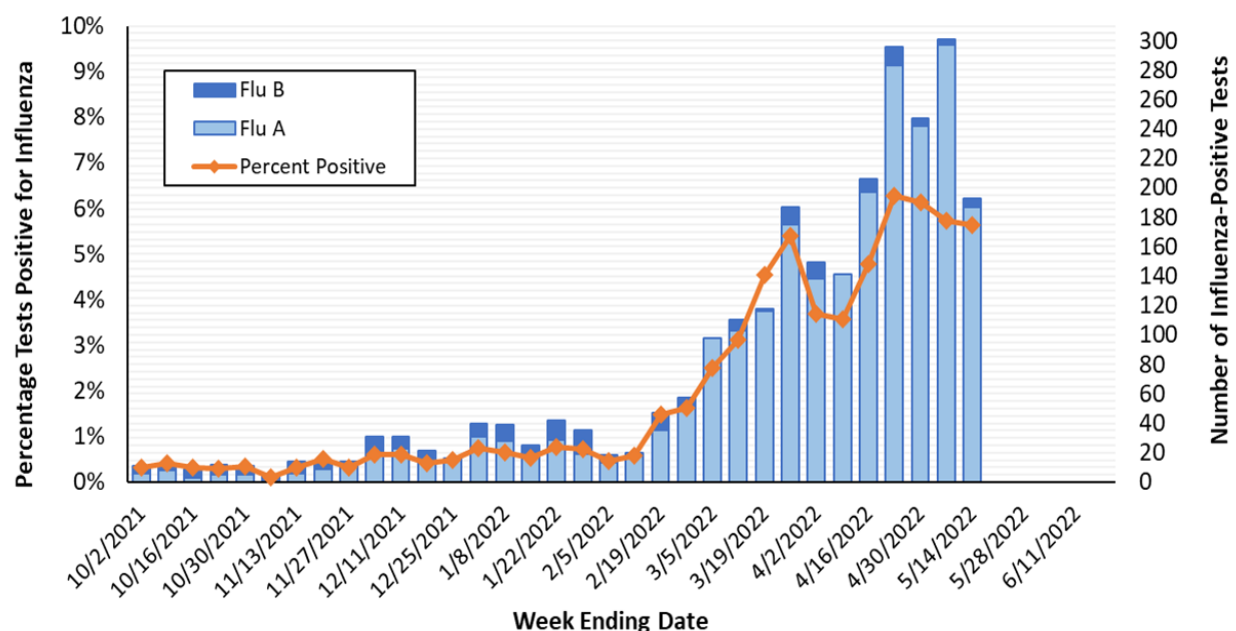
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

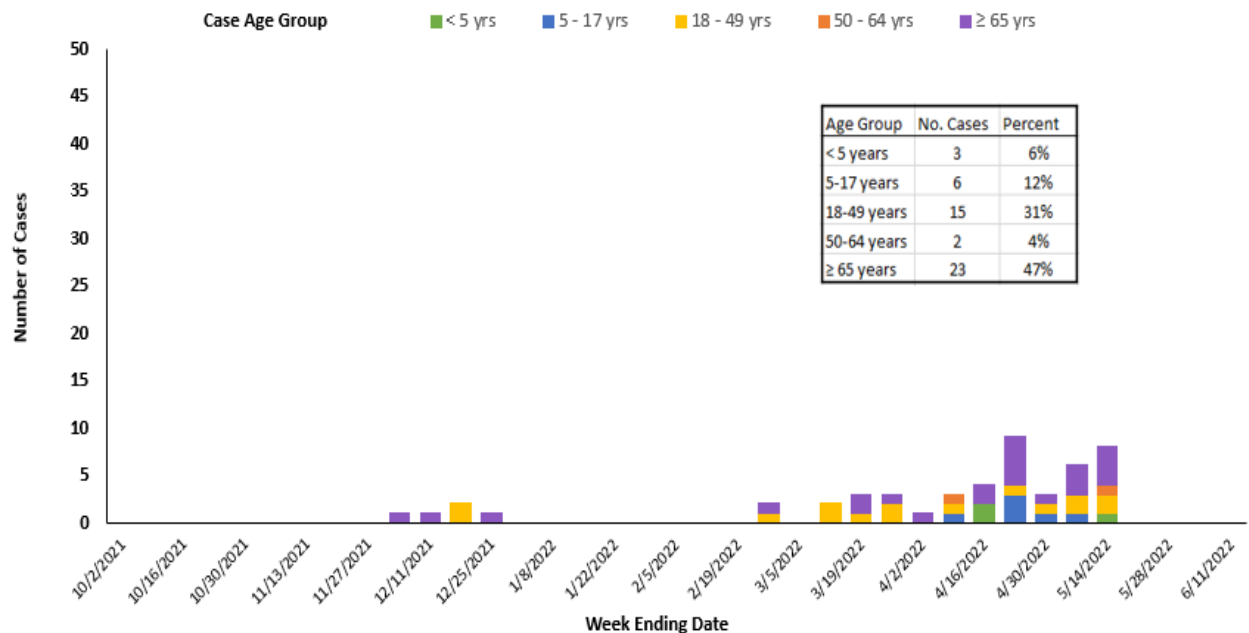
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1673	32	1.9%	32	100.0%	0	0.0%
Southern Oregon	661	44	6.7%	44	100.0%	0	0.0%
Columbia Gorge	429	73	17.0%	73	100.0%	0	0.0%
Central Oregon	167	17	10.2%	17	100.0%	0	0.0%
Willamette Valley	500	27	5.4%	21	77.8%	6	22.2%
State Total	3430	193	5.6%	187	96.9%	6	3.1%

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



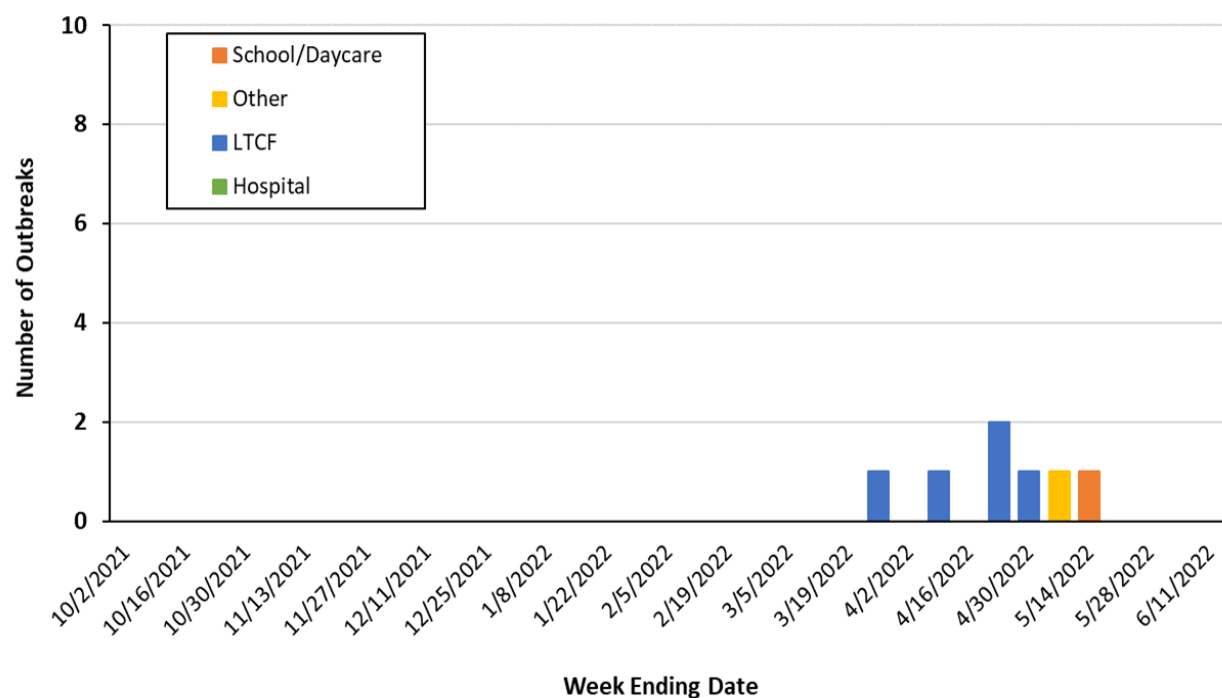
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 0 influenza-associated hospitalization reported during week 18 of 2022. There have been 49 reported hospitalizations during the 2021-2022 season.

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



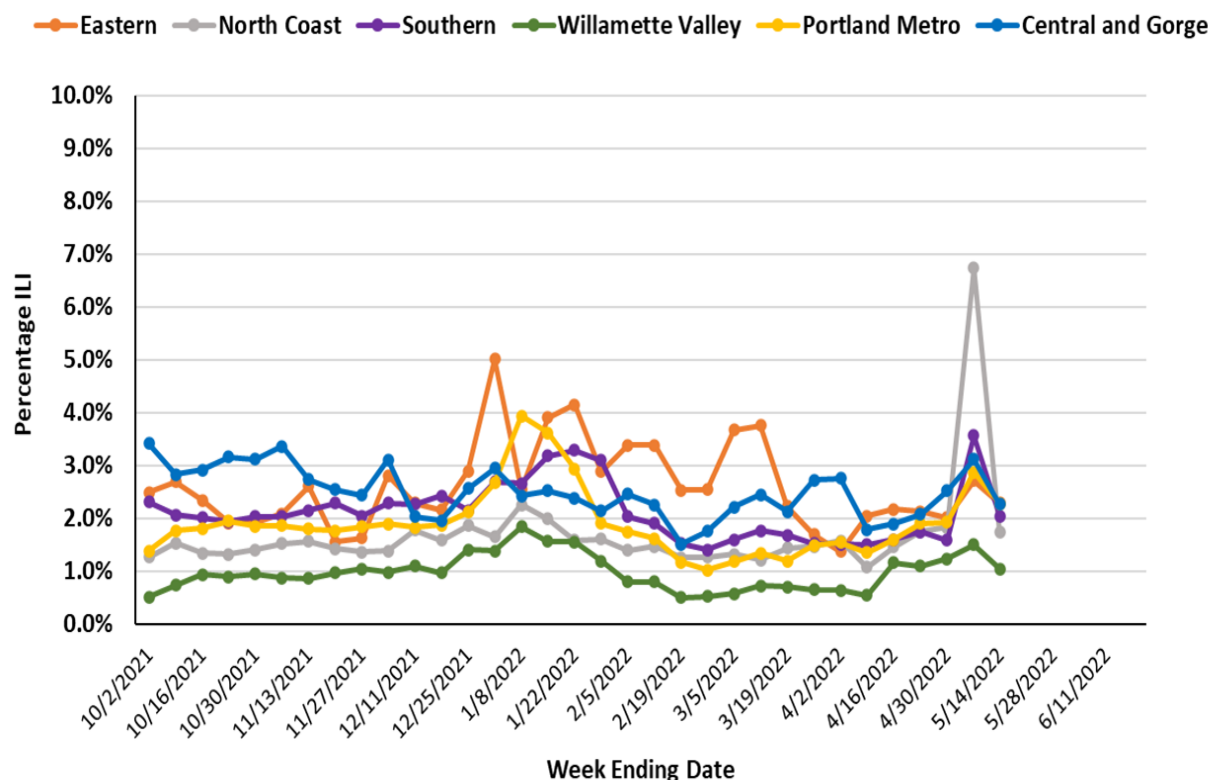
Influenza Outbreaks: There was 1 influenza outbreaks reported during week 19, 2022, there have been 7 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 19 of 2022 was 2.0%. Regionally, the percent was highest in the Central Gorge, Portland Metro, and Eastern Oregon (2.3%) and lowest in the Willamette Valley (1.0%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 19, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 7.0% 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](#)

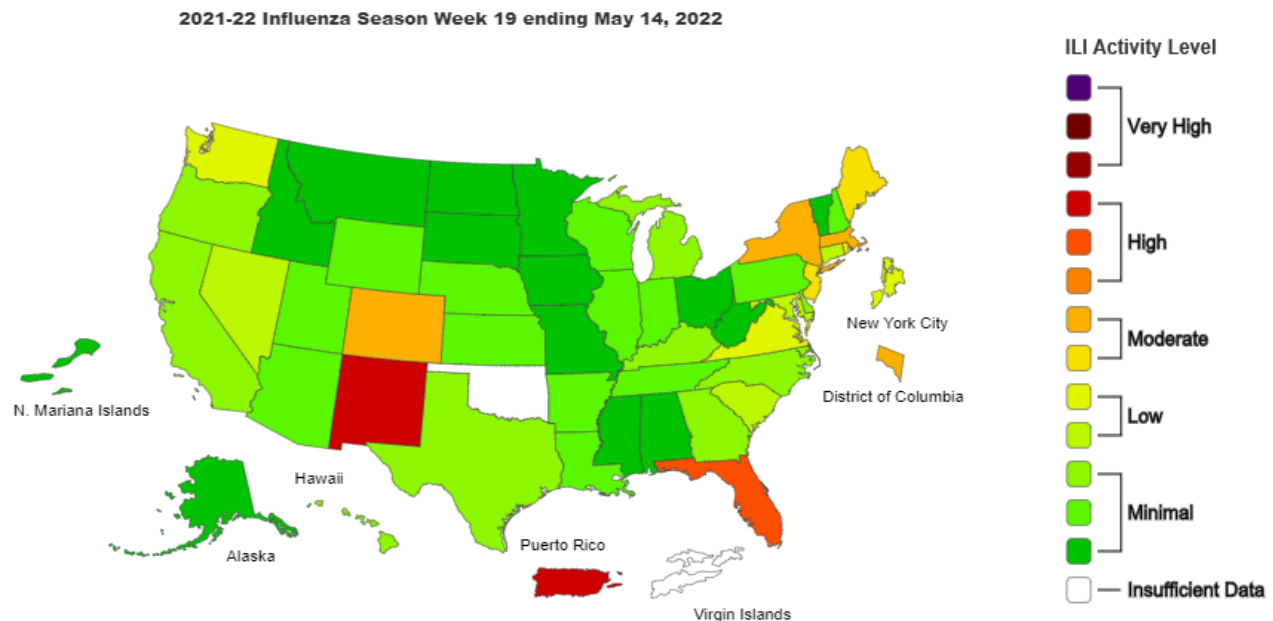
Illness

- **ILINet Outpatient Illness:** Nationwide during week 19, 2.4% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 7 jurisdiction experienced moderate activity and 3 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.7% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 14.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 3,153 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on May 20th, 2022 7.5% of the deaths that occurred during the week ending May 14th, 2022 (week 19), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.5% for this week.
- **Pediatric Deaths:** 0 influenza related deaths were reported this week, 24 influenza-associated pediatric death has occurred during the 2021-2022 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 May 13th, 2022

Data at a Glance May 1st 2022 - May 7th 2022 (Week 18)

	Current Week (18)	Previous Week (17)
Percentage of emergency department visits for ILI ¹	1.3%	1.2%
Percentage positive influenza tests ²	5.7%	6.1%
Portland tri-county influenza-associated hospitalizations ³	3	3
Reported influenza outbreaks	1	1
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.2%	1.1%

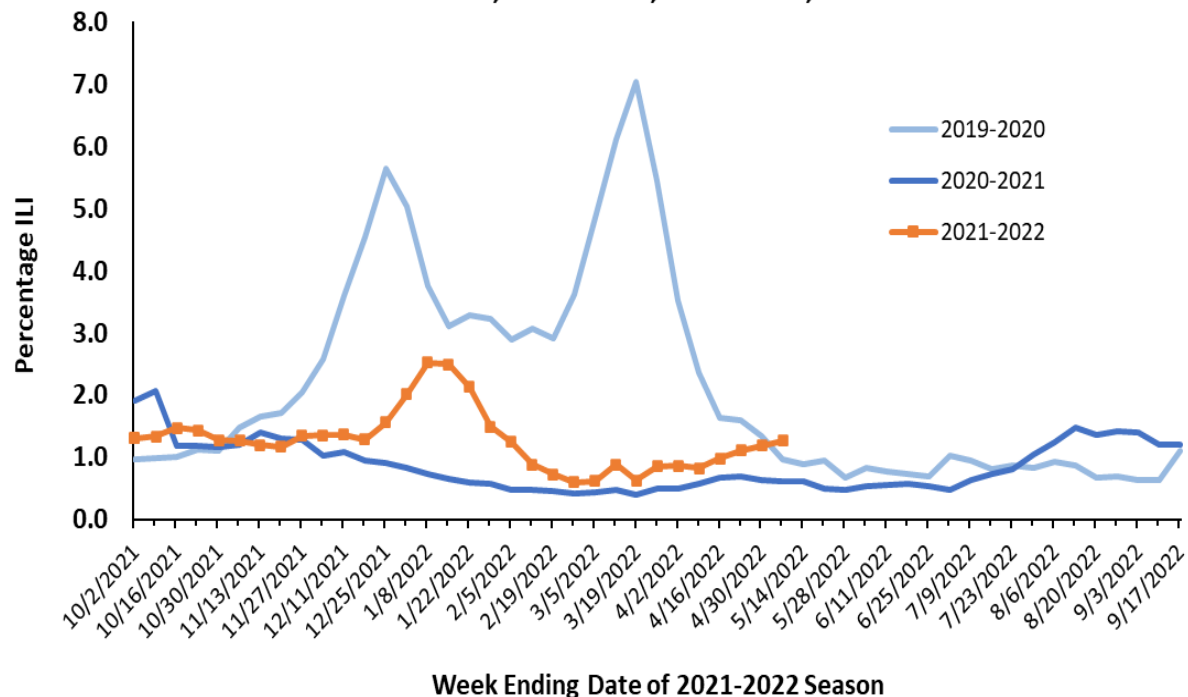
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 18, 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 5.7% of specimens tested at Oregon labs were positive for influenza during week 18, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

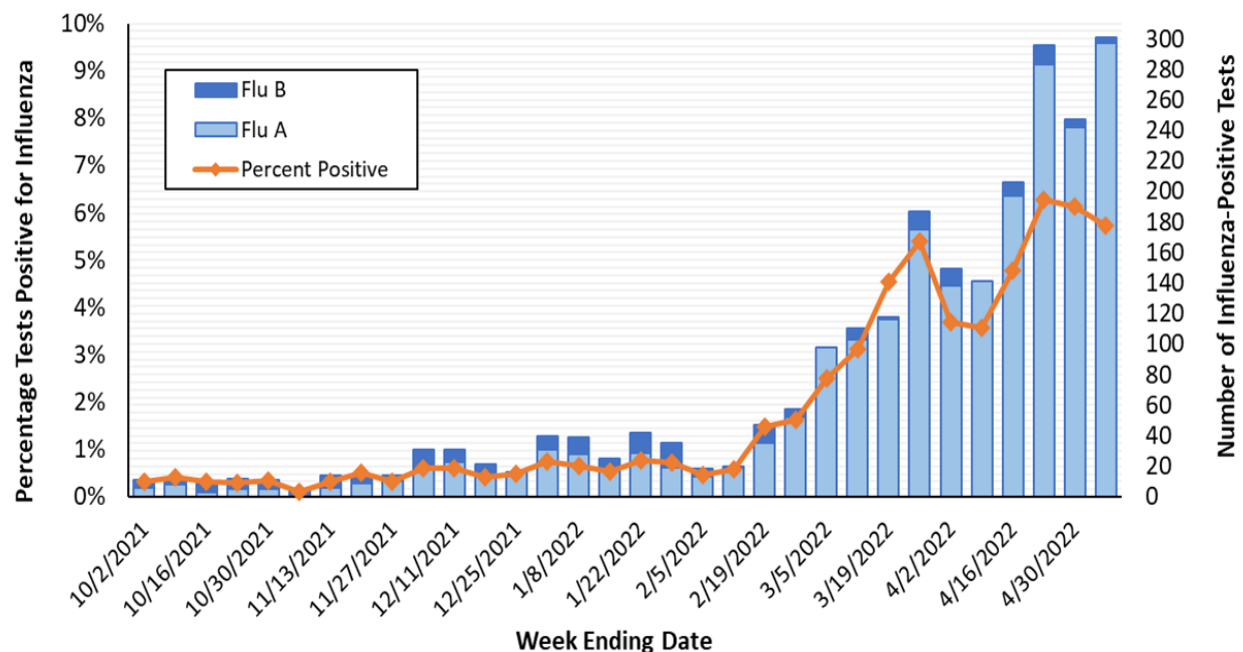
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

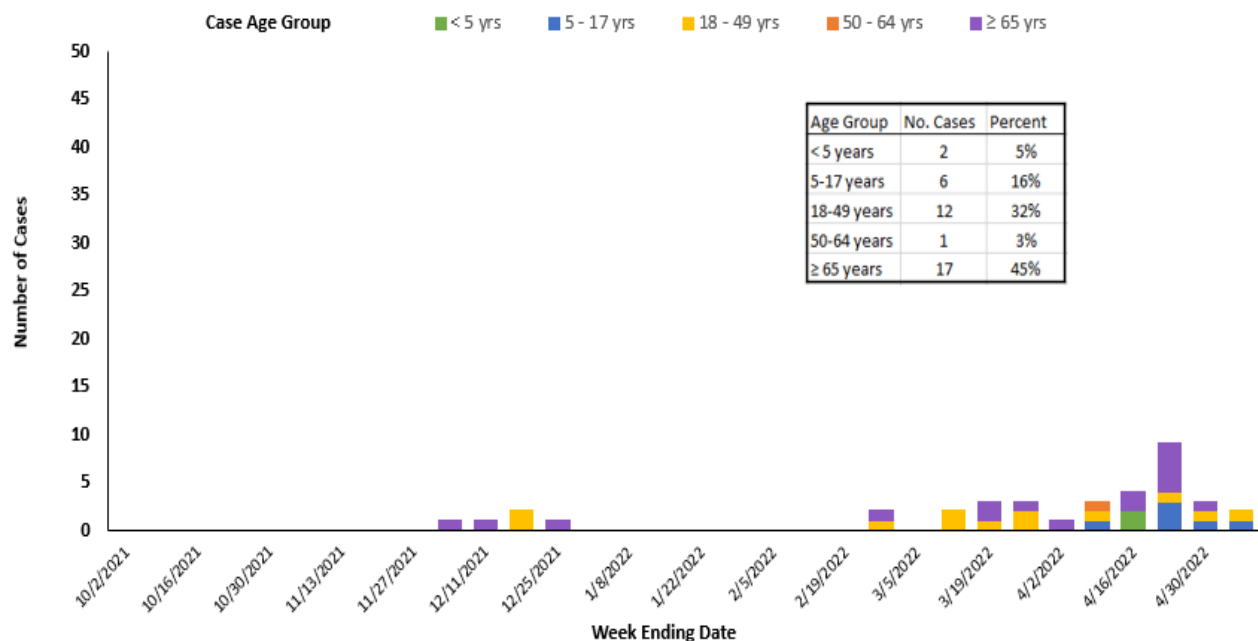
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2596	55	2.1%	55	100.0%	0	0.0%
Southern Oregon	939	73	7.8%	73	100.0%	0	0.0%
Columbia Gorge	428	79	18.5%	79	100.0%	0	0.0%
Central Oregon	832	83	10.0%	81	97.6%	2	2.4%
Willamette Valley	452	11	2.4%	9	81.8%	2	18.2%
State Total	5247	301	5.7%	297	98.7%	4	1.3%

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



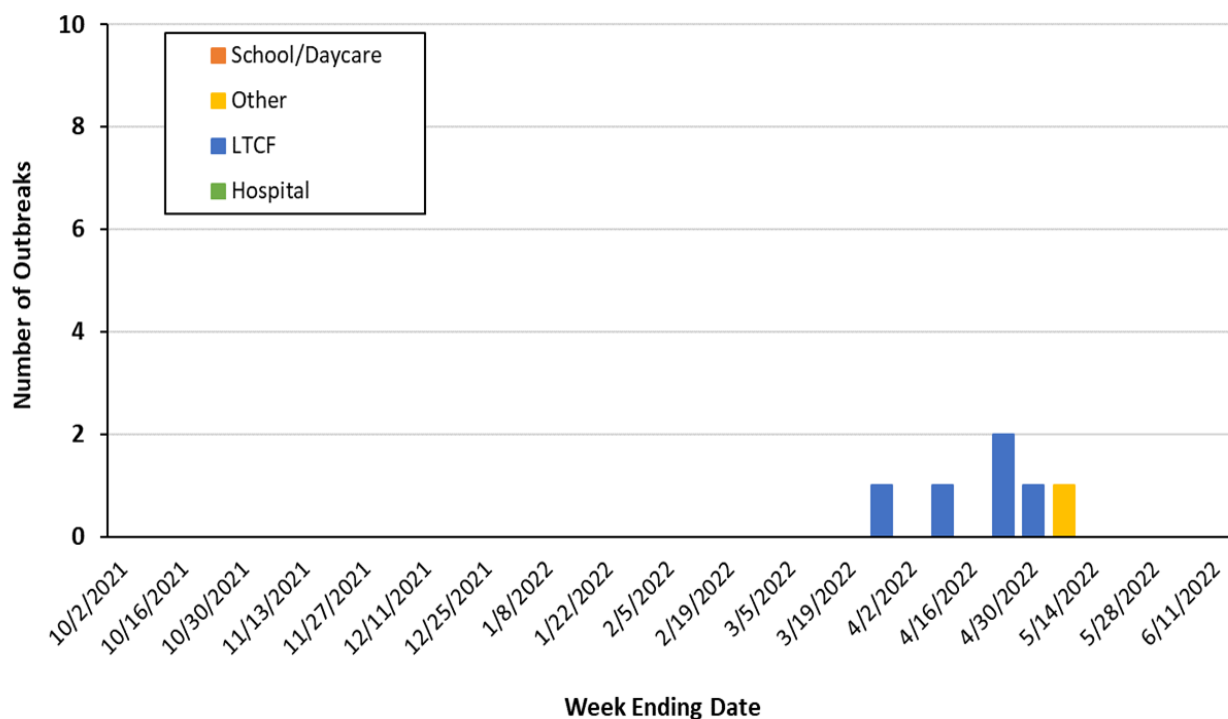
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 0 influenza-associated hospitalization reported during week 18 of 2022. There have been 38 reported hospitalizations during the 2021-2022 season.

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



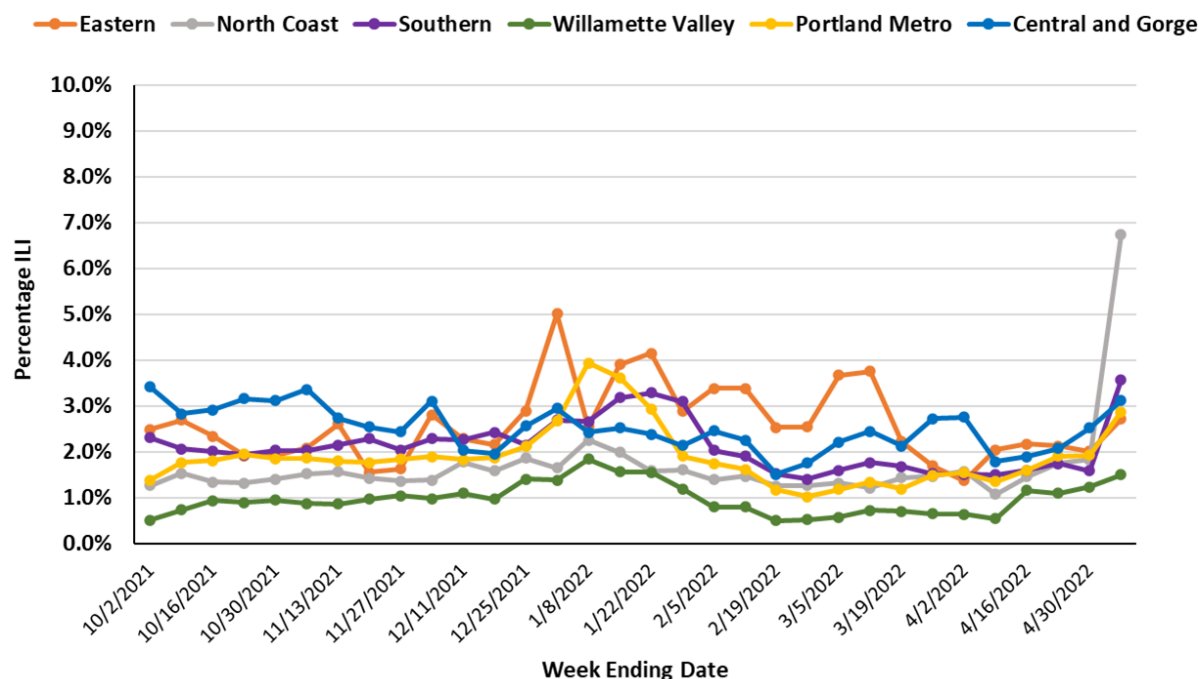
Influenza Outbreaks: There were 0 influenza outbreaks reported during week 18, 2022, there has been 6 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 18 of 2022 was 3.1%. Regionally, the percent was highest in the North Coast (6.7%) and lowest in the Willamette Valley (1.5%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 18, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 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](#)

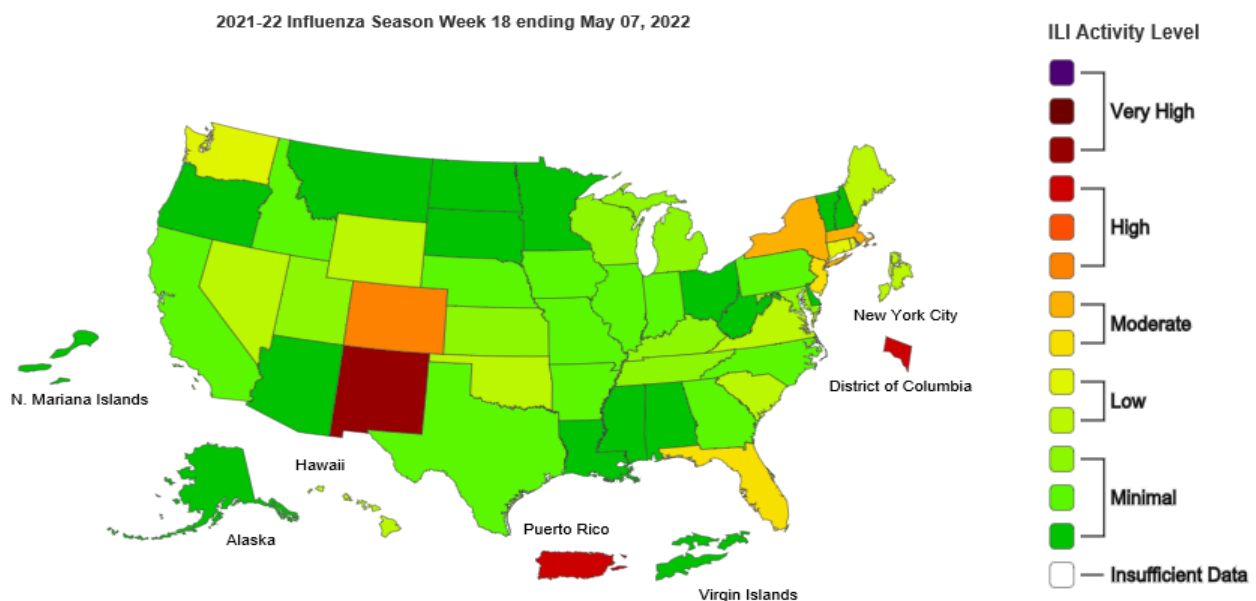
Illness

- **ILINet Outpatient Illness:** Nationwide during week 18, 2.3% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 4 jurisdiction experienced moderate activity and 4 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.9% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 13.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 3,071 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on May 13th, 2022 7.2% of the deaths that occurred during the week ending May 7th, 2022 (week 17), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is equal to the epidemic threshold of 6.6% for this week.
- **Pediatric Deaths:** 0 influenza related deaths were reported this week, 24 influenza-associated pediatric death has occurred during the 2021-2022 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 May 5th, 2022

Data at a Glance April 24th 2022 - April 30th 2022 (Week 17)

	Current Week (17)	Previous Week (16)
Percentage of emergency department visits for ILI ¹	1.2%	1.1%
Percentage positive influenza tests ²	6.1%	6.3%
Portland tri-county influenza-associated hospitalizations ³	0	9
Reported influenza outbreaks	0	2
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.5%	1.1%

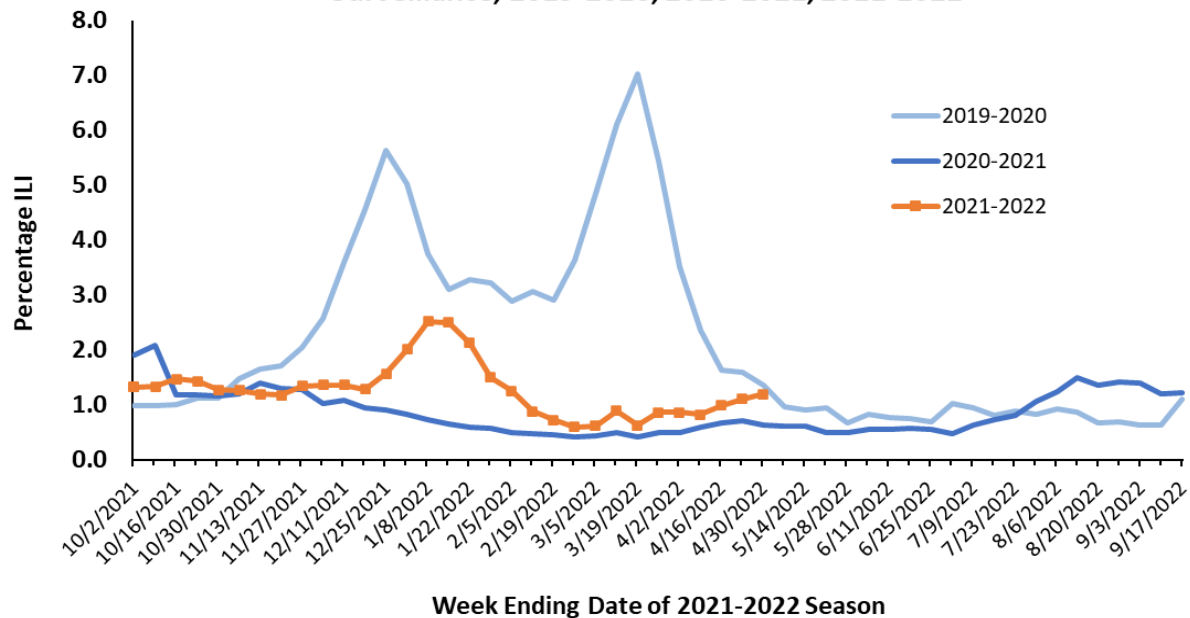
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.2% during week 17, 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 6.1% of specimens tested at Oregon labs were positive for influenza during week 17, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

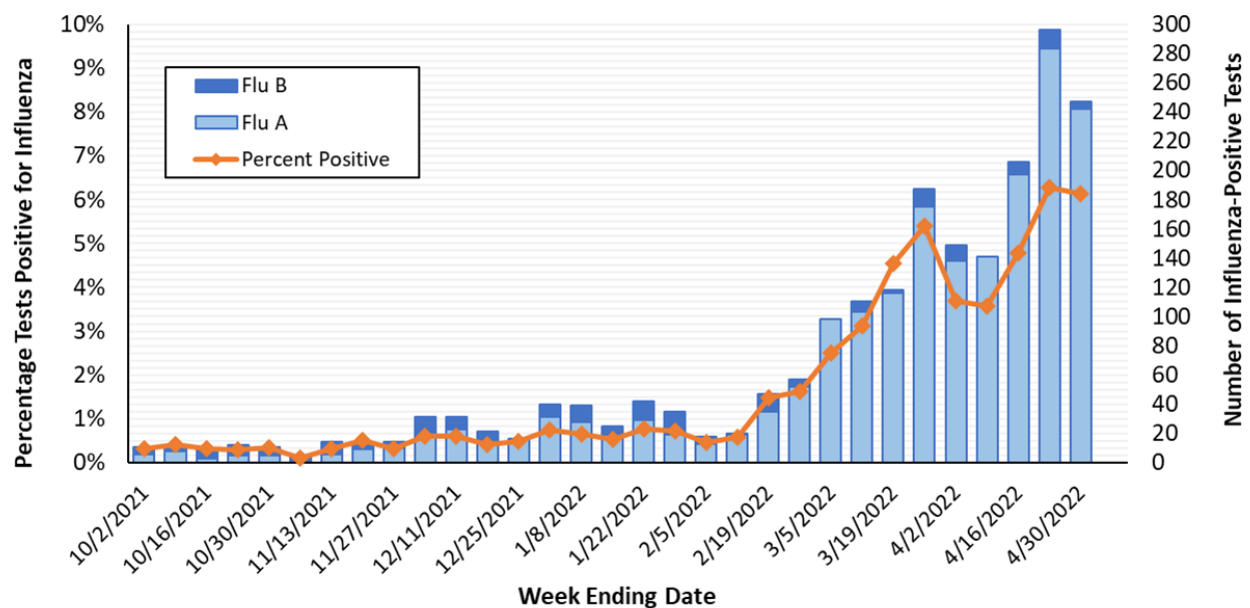
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

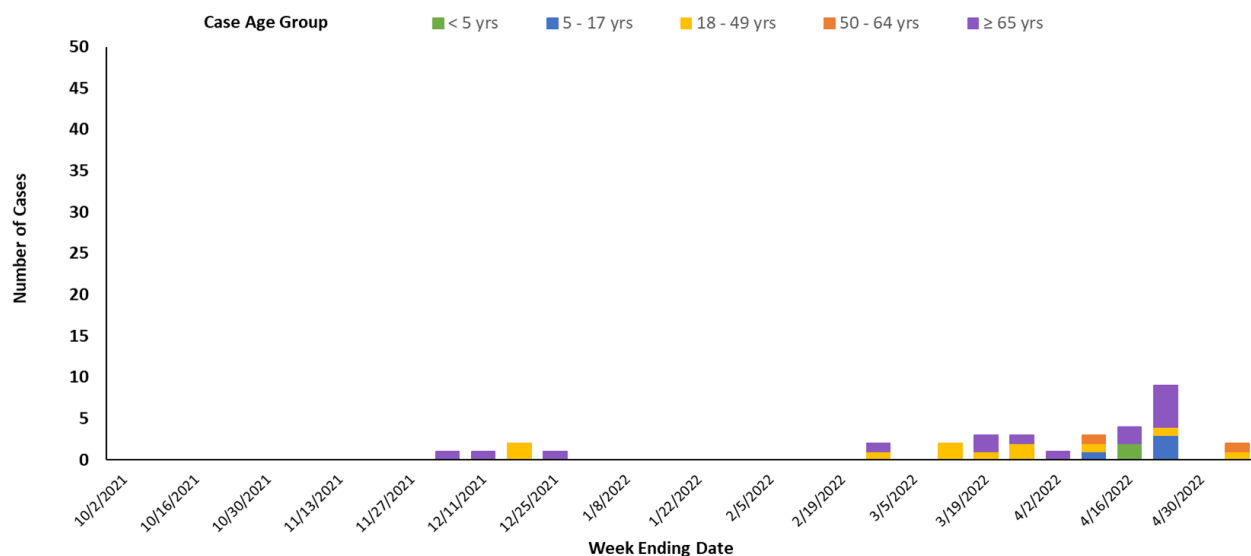
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1528	21	1.4%	21	100.0%	0	0.0%
Southern Oregon	928	88	9.5%	88	100.0%	0	0.0%
Columbia Gorge	327	42	12.8%	41	97.6%	1	2.4%
Central Oregon	793	72	9.1%	72	100.0%	0	0.0%
Willamette Valley	445	24	5.4%	20	83.3%	4	16.7%
State Total	4021	247	6.1%	242	98.0%	5	2.0%

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



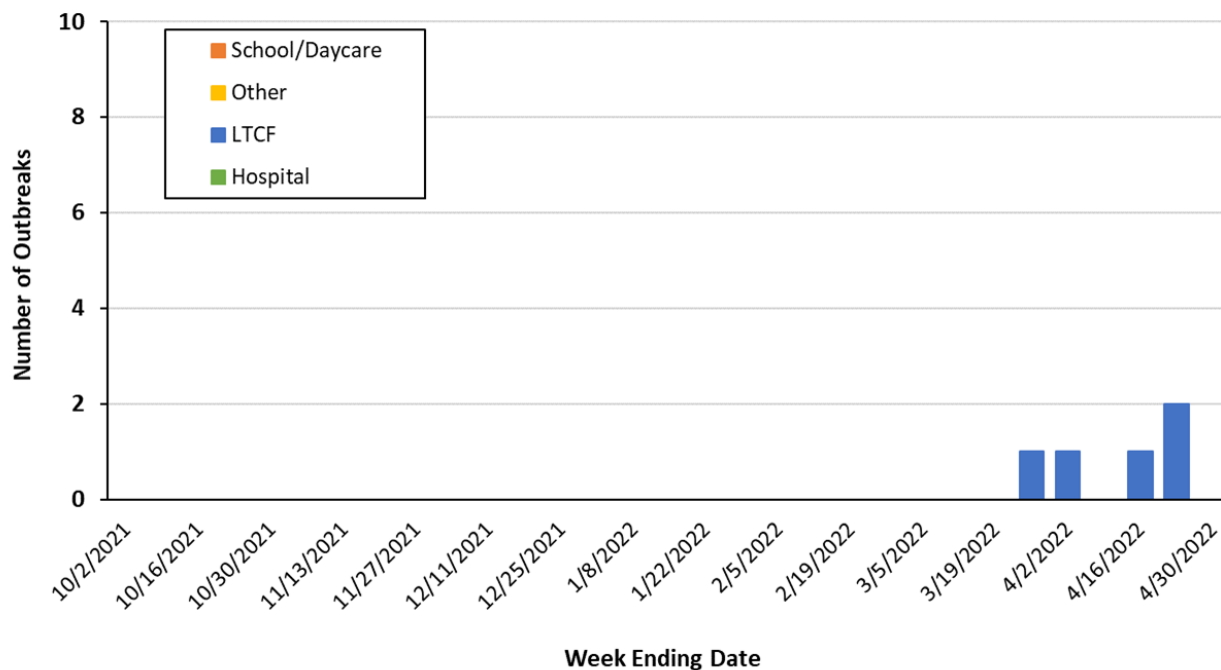
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 0 influenza-associated hospitalization reported during week 17 of 2022. There have been 35 reported hospitalizations during the 2021-2022 season.

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



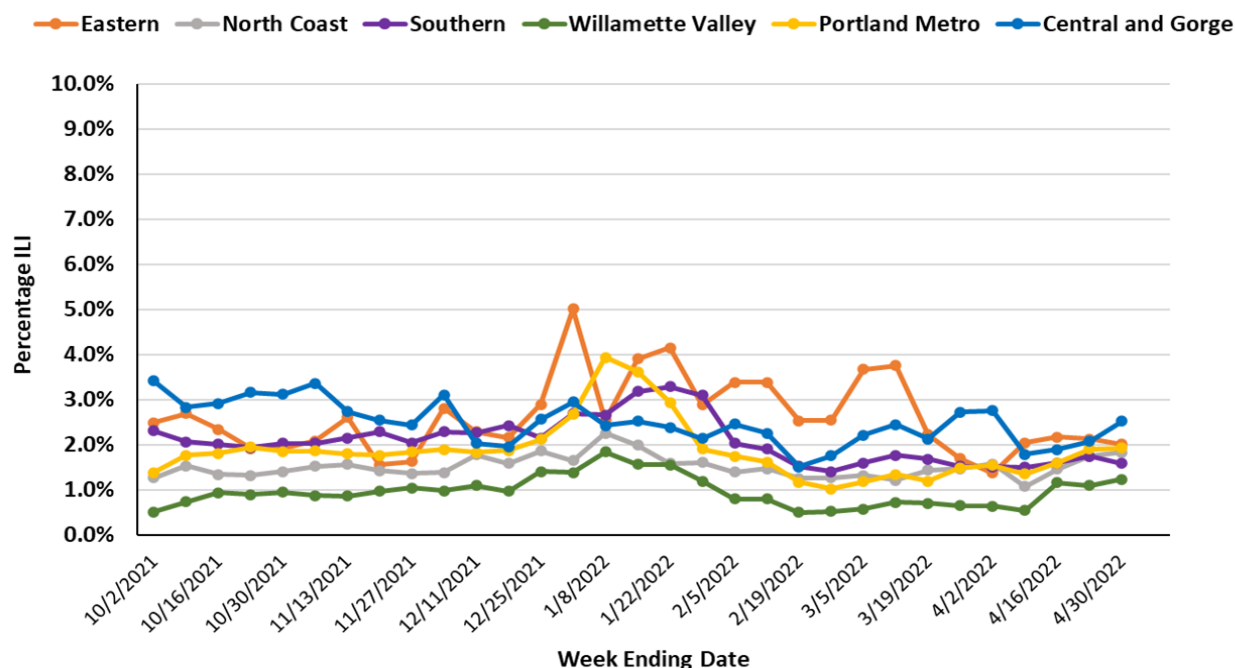
Influenza Outbreaks: There were 0 influenza outbreaks reported during week 17, 2022, there has been 5 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 17 of 2022 was 1.8%. Regionally, the percent was highest in the Central and Gorge (2.5%) and lowest in the Willamette Valley (1.2%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 17, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 7.8% 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](#)

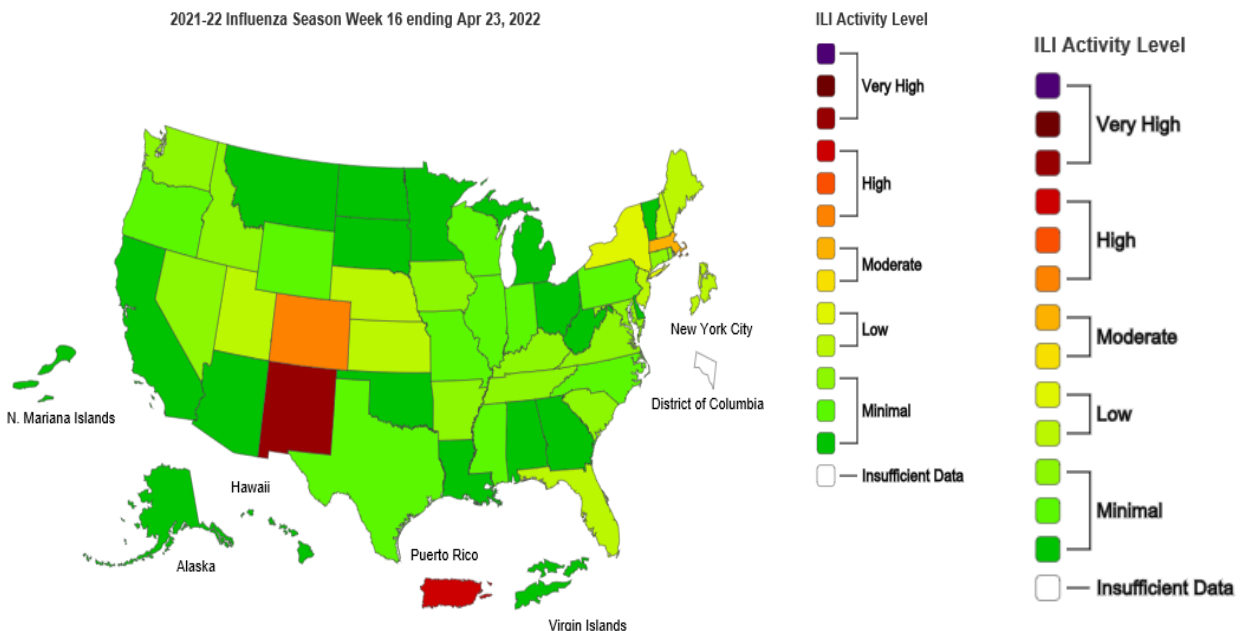
Illness

- **ILINet Outpatient Illness:** Nationwide during week 17, 2.1% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced moderate activity and 3 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.8% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 11.1 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 3,452 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on May 5th, 2022 6.8% of the deaths that occurred during the week ending April 30th, 2022 (week 17), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is equal to the epidemic threshold of 6.8 for this week.
- **Pediatric Deaths:** 1 influenza related deaths were reported this week, 23 influenza-associated pediatric death has occurred during the 2021-2022 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 29th, 2022

Data at a Glance April 17th 2022 - April 23rd 2022 (Week 16)

	Current Week (16)	Previous Week (15)
Percentage of emergency department visits for ILI ¹	1.1%	1.0%
Percentage positive influenza tests ²	6.3%	4.8%
Portland tri-county influenza-associated hospitalizations ³	9	4
Reported influenza outbreaks	2	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.1%	0.7%

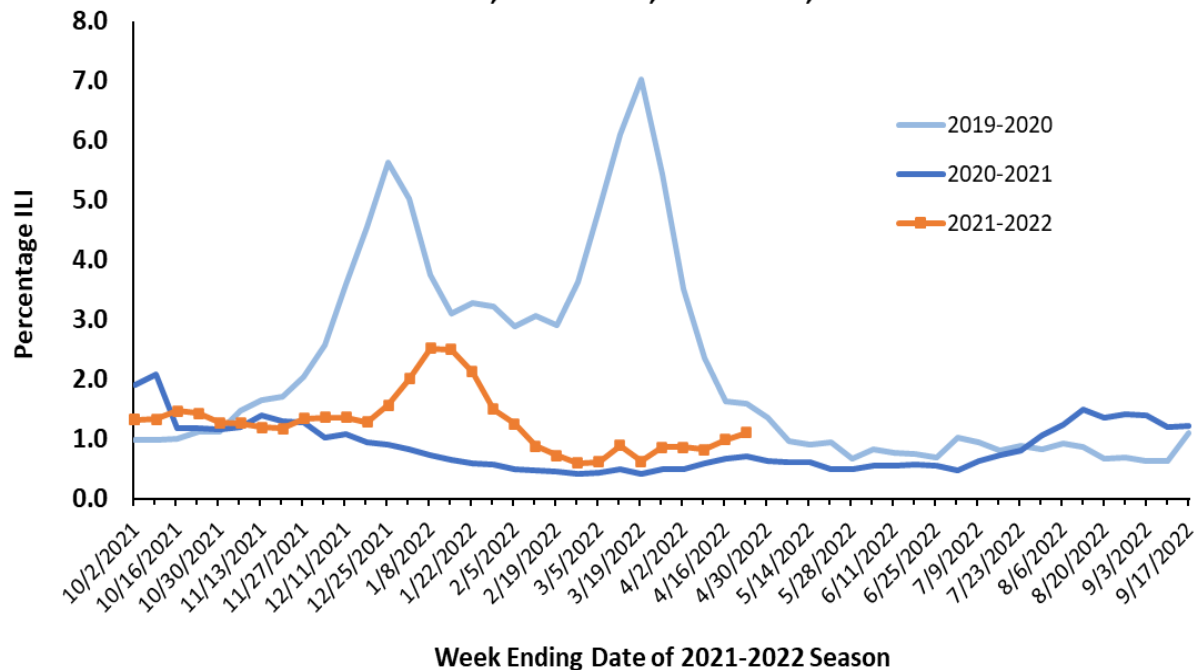
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.1% during week 16, 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 6.3% of specimens tested at Oregon labs were positive for influenza during week 16, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

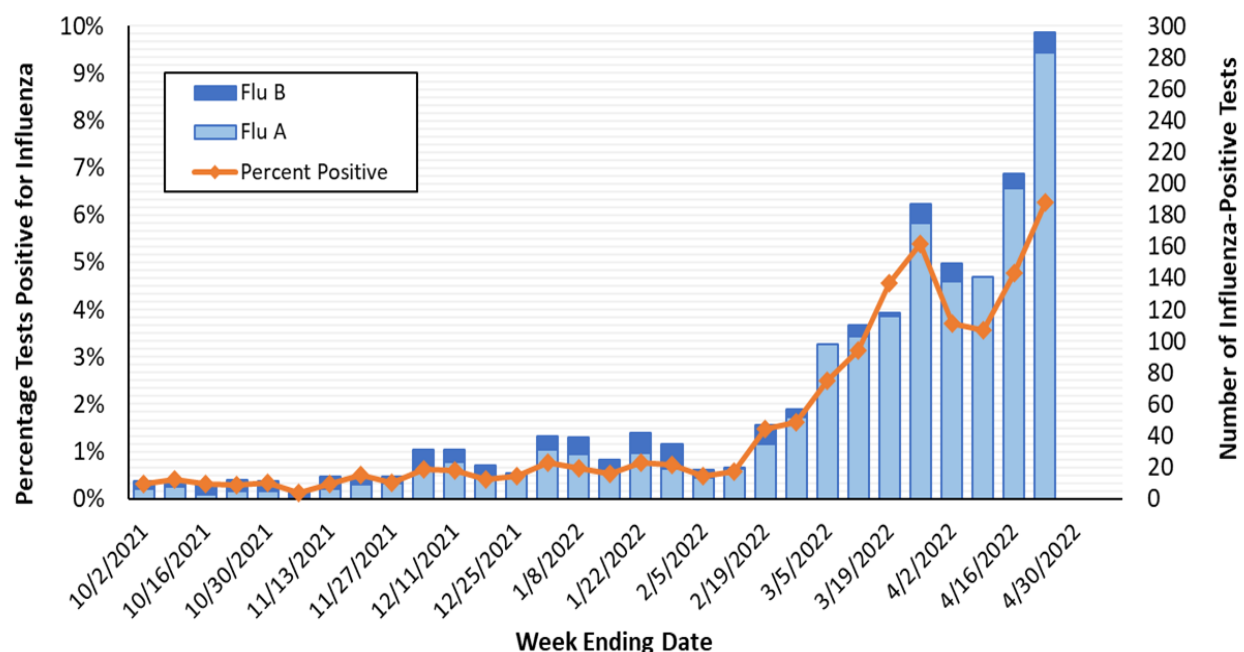
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

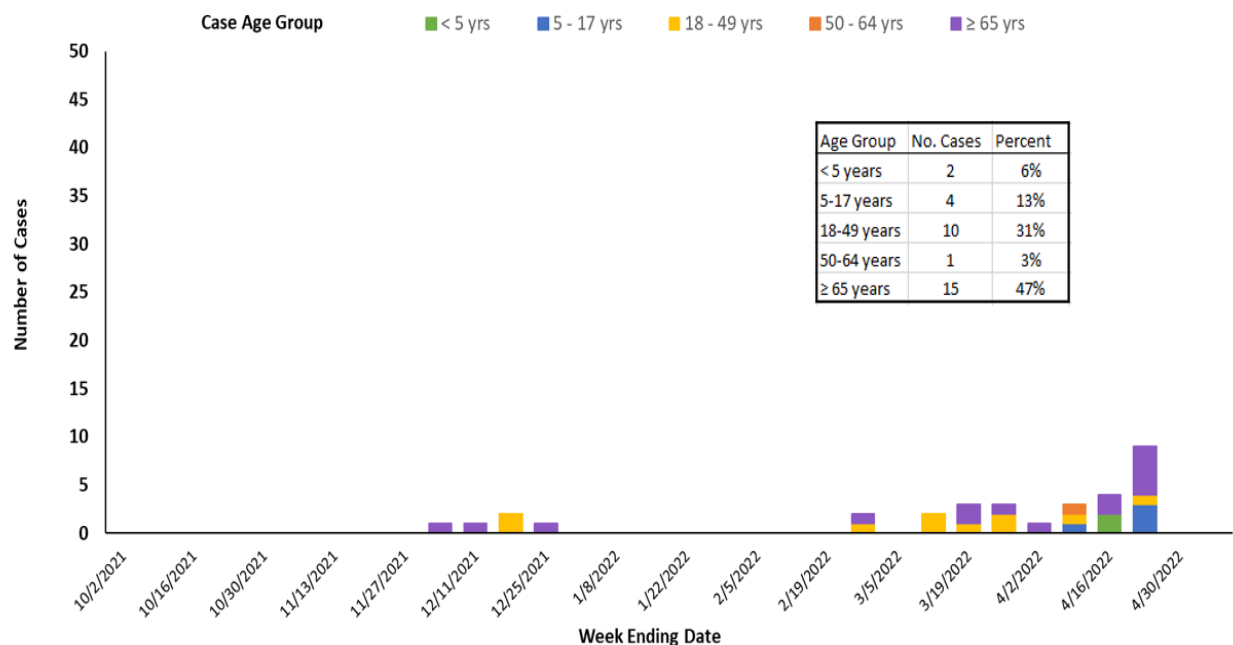
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2453	36	1.5%	31	86.1%	5	13.9%
Southern Oregon	911	104	11.4%	104	100.0%	0	0.0%
Columbia Gorge	182	32	17.6%	32	100.0%	0	0.0%
Central Oregon	749	103	13.8%	103	100.0%	0	0.0%
Willamette Valley	428	21	4.9%	13	61.9%	8	38.1%
State Total	4723	296	6.3%	283	95.6%	13	4.4%

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



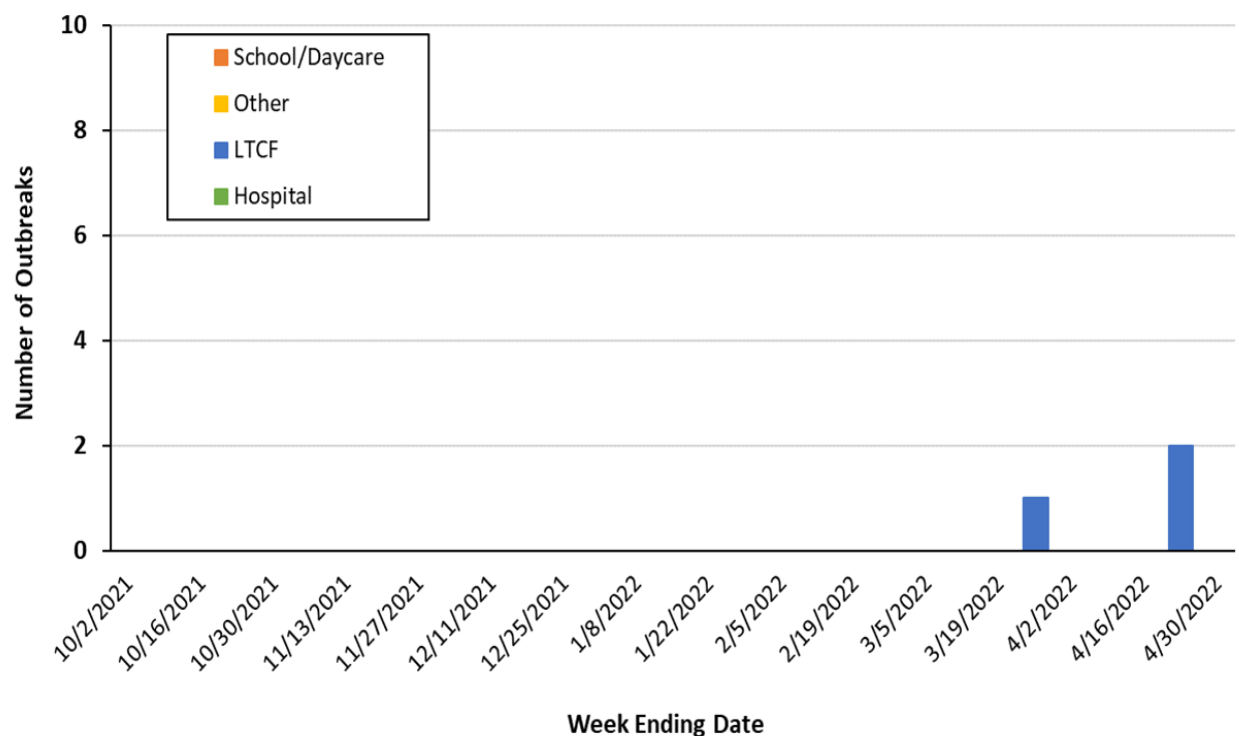
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 9 influenza-associated hospitalization reported during week 16 of 2022. There have been 32 reported hospitalizations during the 2021-2022 season.

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



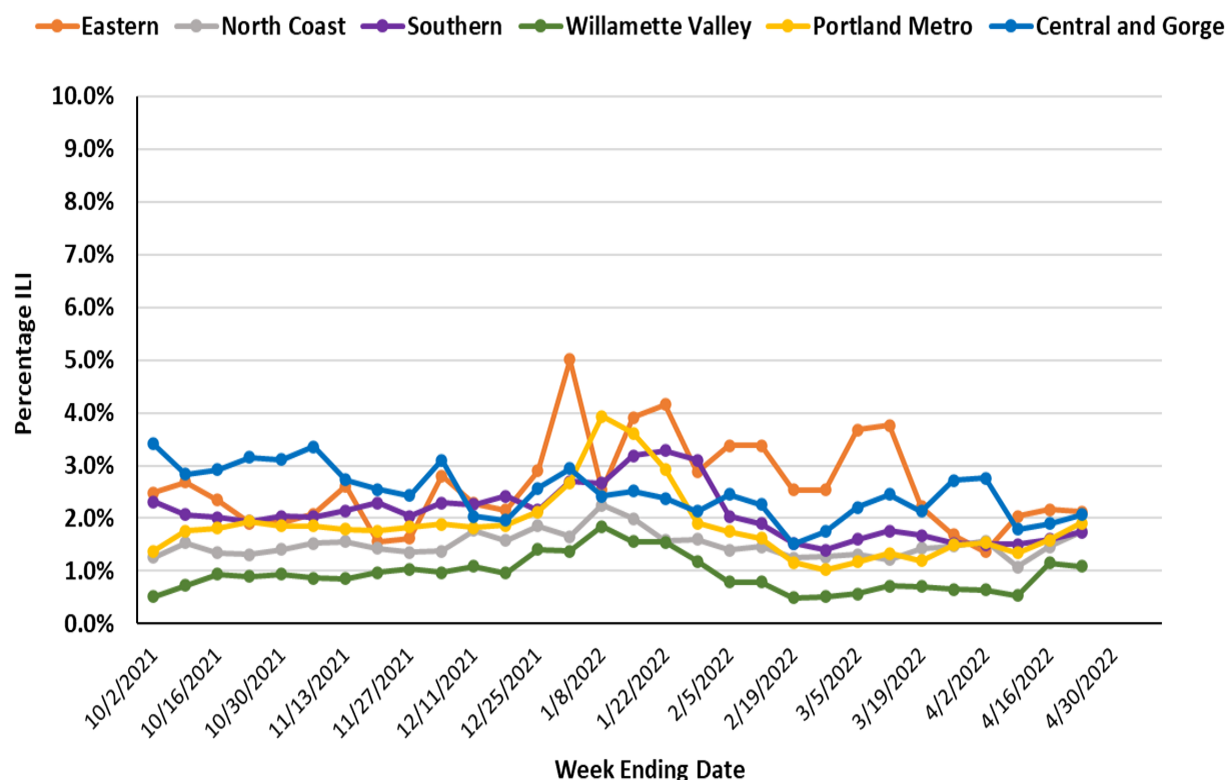
Influenza Outbreaks: There were influenza outbreaks reported during week 16, 2022, there has been 3 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 16 of 2022 was 1.8%. Regionally, the percent was highest in the Central, Gorge, and Eastern Oregon regions (2.2%) and lowest in the Willamette Valley (1.1%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 16, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 7.8% 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](#)

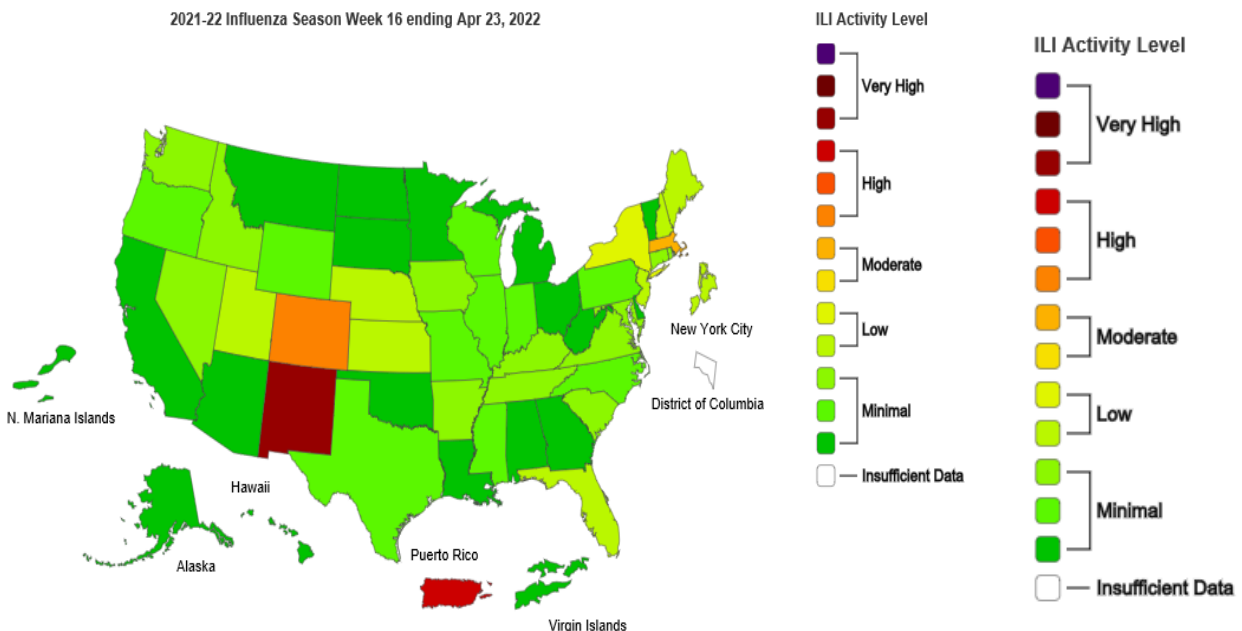
Illness

- **ILINet Outpatient Illness:** Nationwide during week 16, 2.1% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced moderate activity and 3 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.8% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 11.1 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 3,452 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on April 29th, 2022 6.8% of the deaths that occurred during the week ending April 23rd, 2022 (week 16), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is equal to the epidemic threshold of 6.8 for this week.
- **Pediatric Deaths:** 1 influenza related deaths were reported this week, 23 influenza-associated pediatric death has occurred during the 2021-2022 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 22nd, 2022

Data at a Glance April 10th 2022 - April 16th 2022 (Week 15)

	Current Week (15)	Previous Week (14)
Percentage of emergency department visits for ILI ¹	1.0%	0.8%
Percentage positive influenza tests ²	4.8%	3.6%
Portland tri-county influenza-associated hospitalizations ³	4	3
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.7%	0.9%

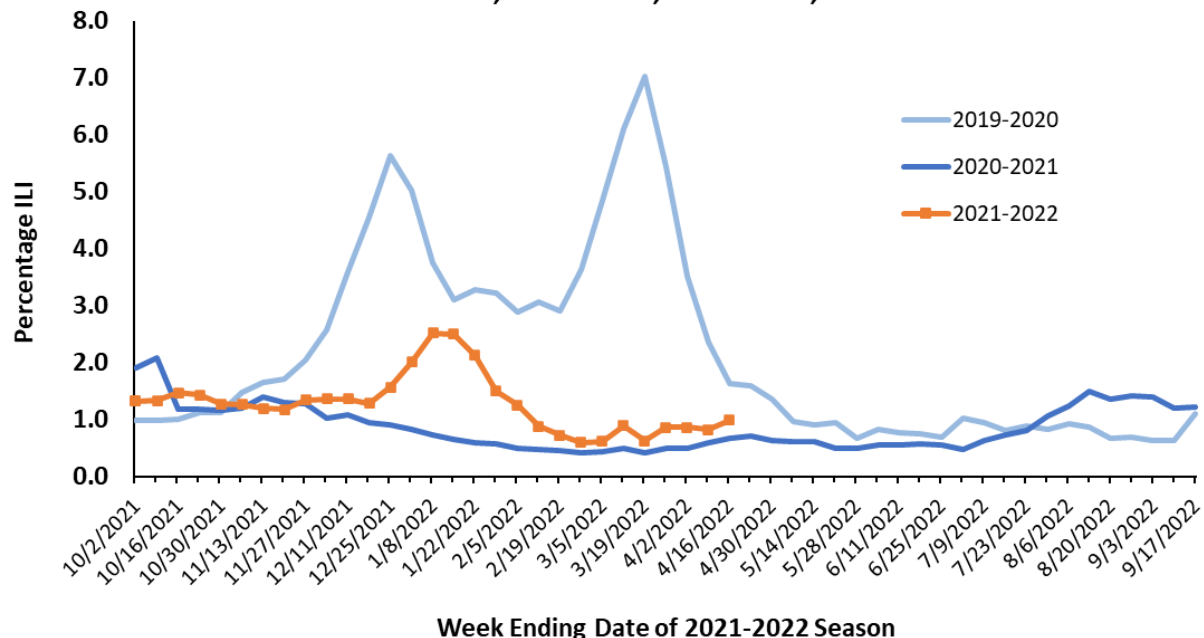
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.0% during week 15, 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 4.8% of specimens tested at Oregon labs were positive for influenza during week 15, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

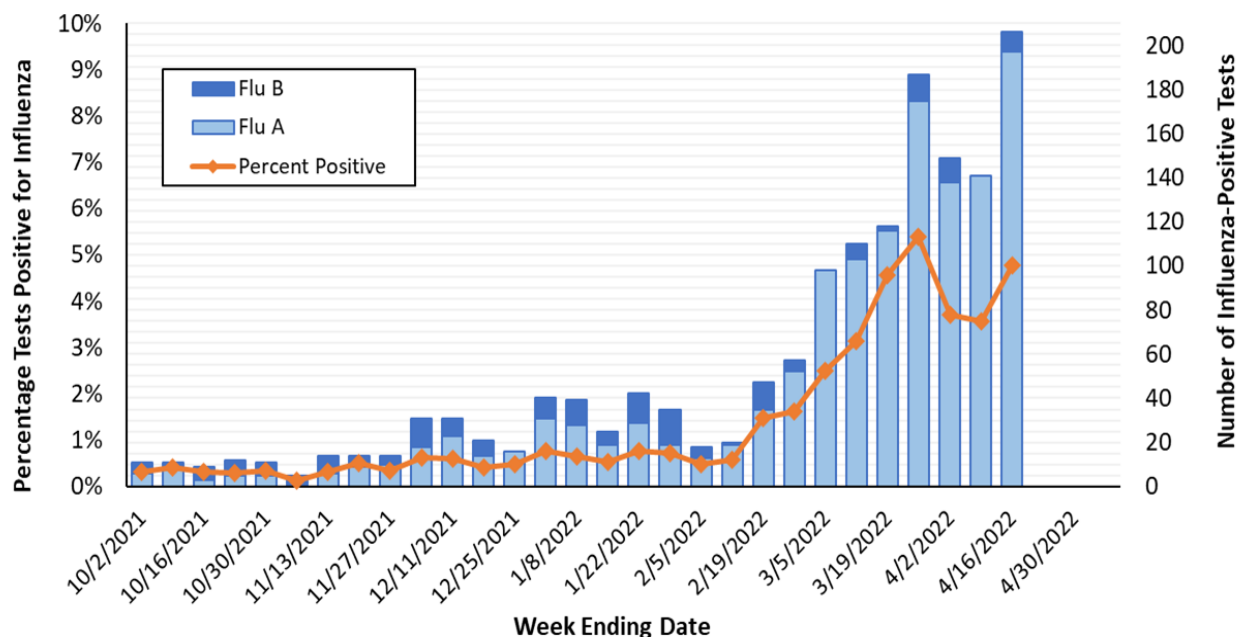
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

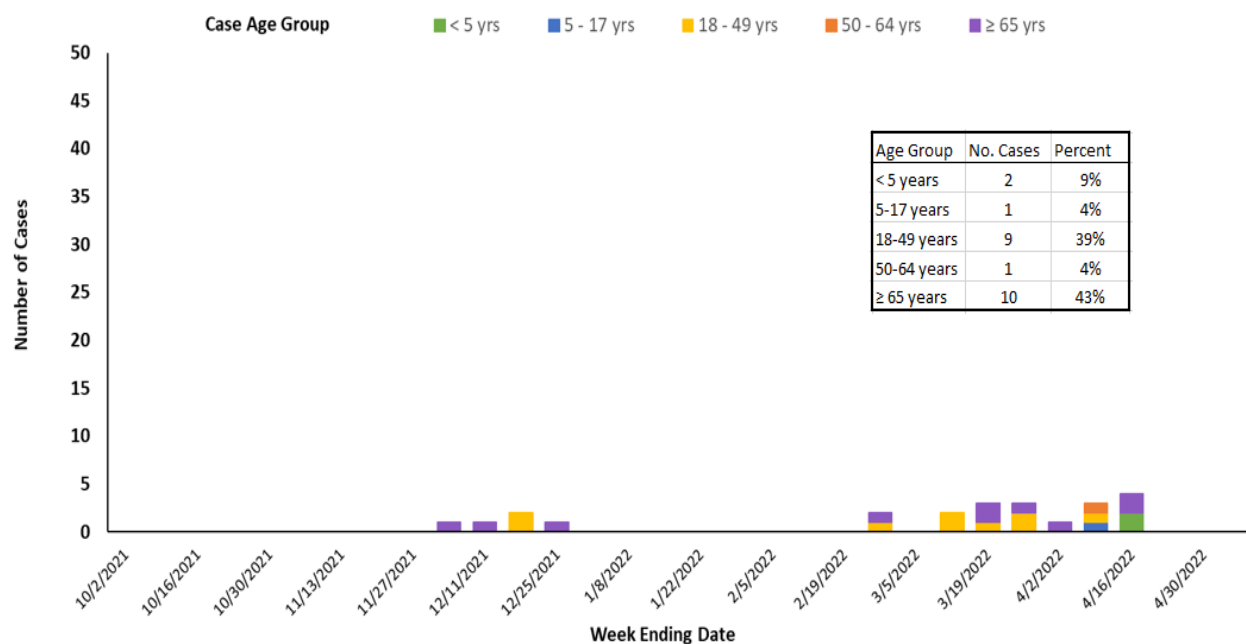
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2079	35	1.7%	32	91.4%	3	8.6%
Southern Oregon	861	64	7.4%	64	100.0%	0	0.0%
Columbia Gorge	292	27	9.2%	27	100.0%	0	0.0%
Central Oregon	739	68	9.2%	68	100.0%	0	0.0%
Willamette Valley	341	12	3.5%	6	50.0%	6	50.0%
State Total	4312	206	4.8%	197	95.6%	9	4.4%

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



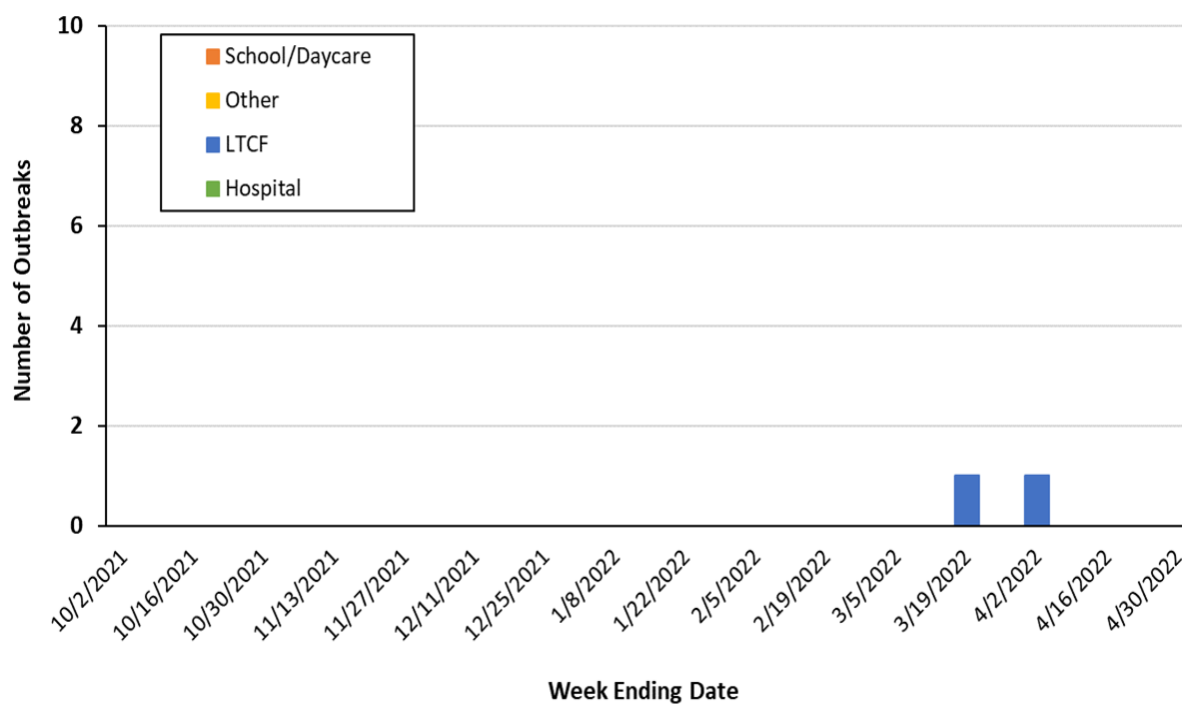
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 2 influenza-associated hospitalization reported during week 15 of 2022. There have been 18 reported hospitalizations during the 2021-2022 season.

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



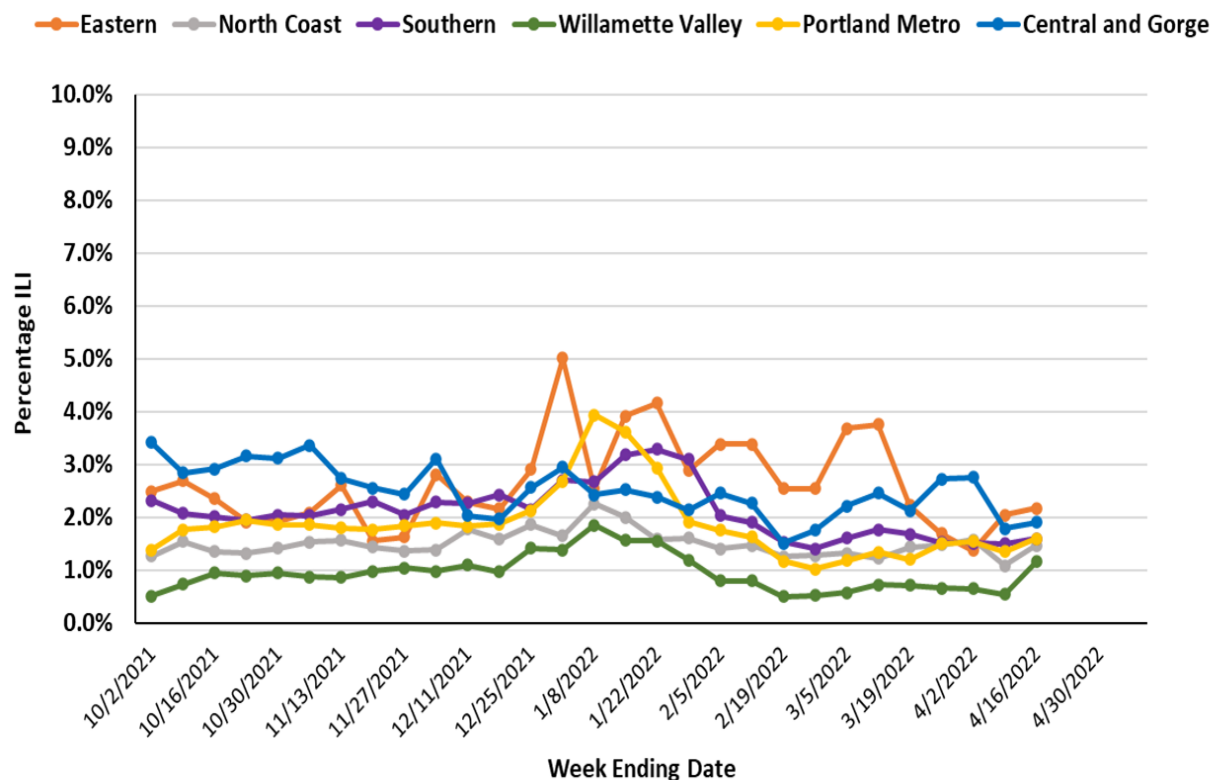
Influenza Outbreaks: There were 0 influenza outbreaks reported during week 15, 2022, there has been 2 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 15 of 2022 was 1.6%. Regionally, the percent was highest in the Eastern Oregon region (2.2%) and lowest in the Willamette Valley (1.2%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 15, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 8.9% 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](#)

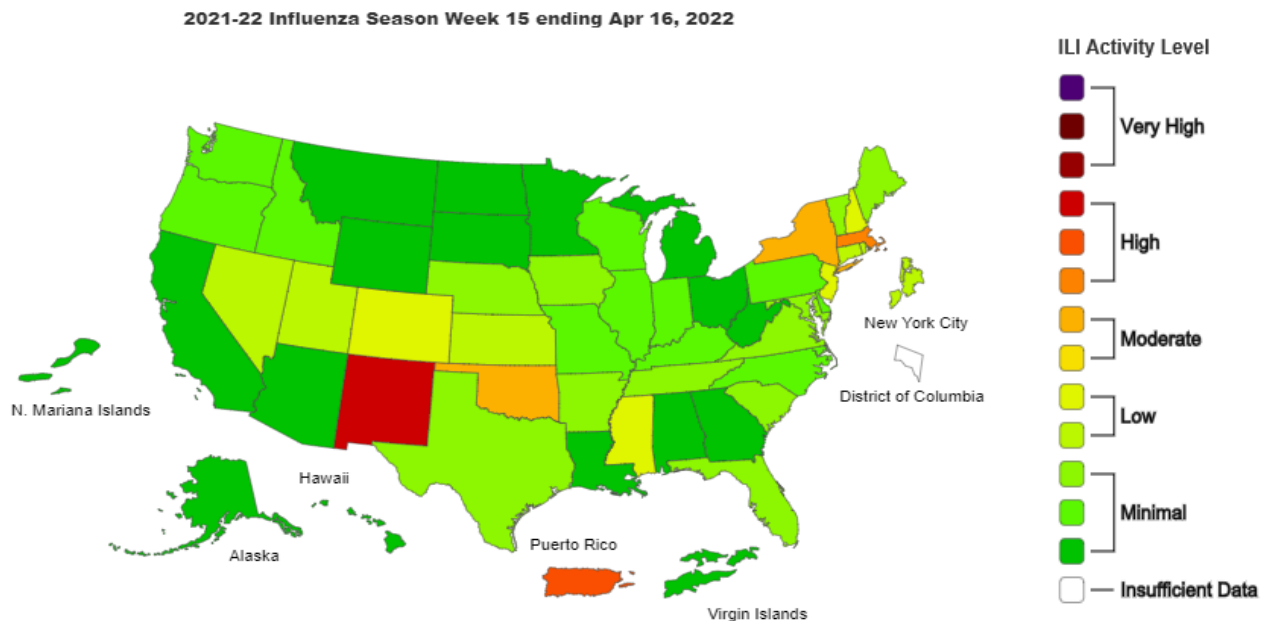
Illness

- **ILINet Outpatient Illness:** Nationwide during week 15, 2.1% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 2 jurisdiction experienced moderate activity and 3 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 1.0% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 9.8 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 3,243 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on April 22nd, 2022 7.1% of the deaths that occurred during the week ending April 16th, 2022 (week 15), 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:** 3 influenza related deaths were reported this week, 22 influenza-associated pediatric death has occurred during the 2021-2022 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 15th, 2022

Data at a Glance April 3rd 2022 - April 9th 2022 (Week 14)

	Current Week (14)	Previous Week (13)
Percentage of emergency department visits for ILI ¹	0.8%	0.9%
Percentage positive influenza tests ²	3.6%	3.7%
Portland tri-county influenza-associated hospitalizations ³	2	1
Reported influenza outbreaks	0	1
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.9%	1.1%

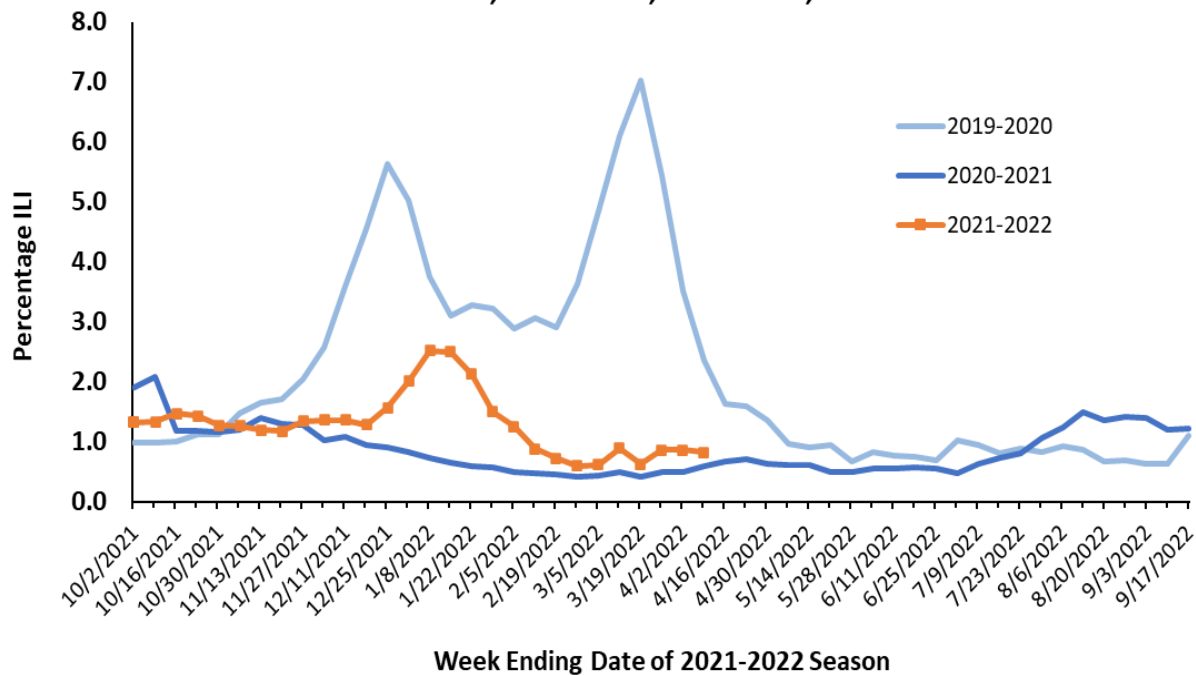
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.8% during week 14, 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 3.6% of specimens tested at Oregon labs were positive for influenza during week 14, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

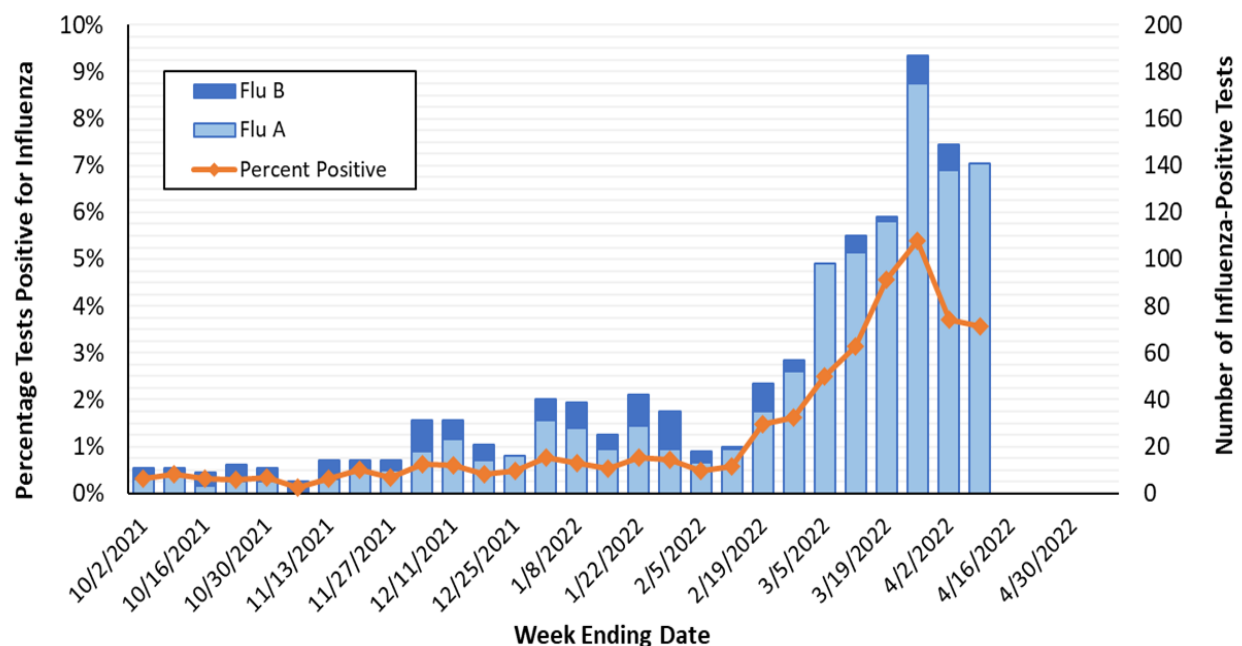
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

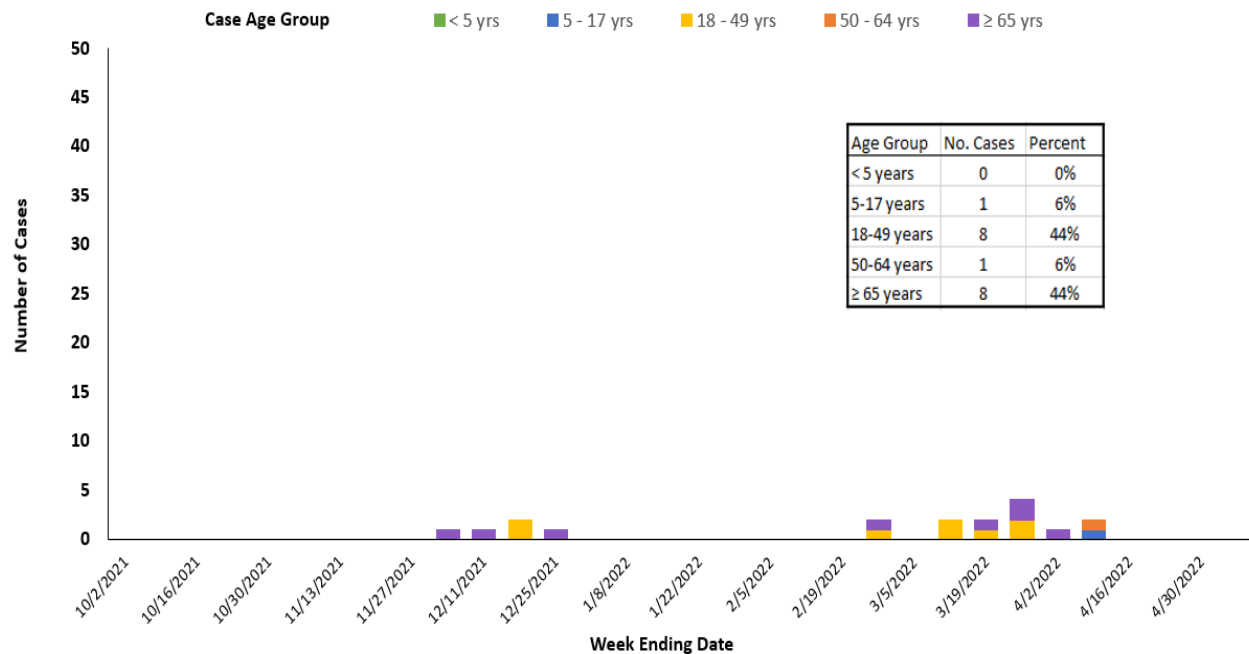
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1927	20	1.0%	20	100.0%	0	0.0%
Southern Oregon	883	71	8.0%	71	100.0%	0	0.0%
Columbia Gorge	252	17	6.7%	17	100.0%	0	0.0%
Central Oregon	619	27	4.4%	27	100.0%	0	0.0%
Willamette Valley	269	6	2.2%	6	100.0%	0	0.0%
State Total	3950	141	3.6%	141	100.0%	0	0.0%

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



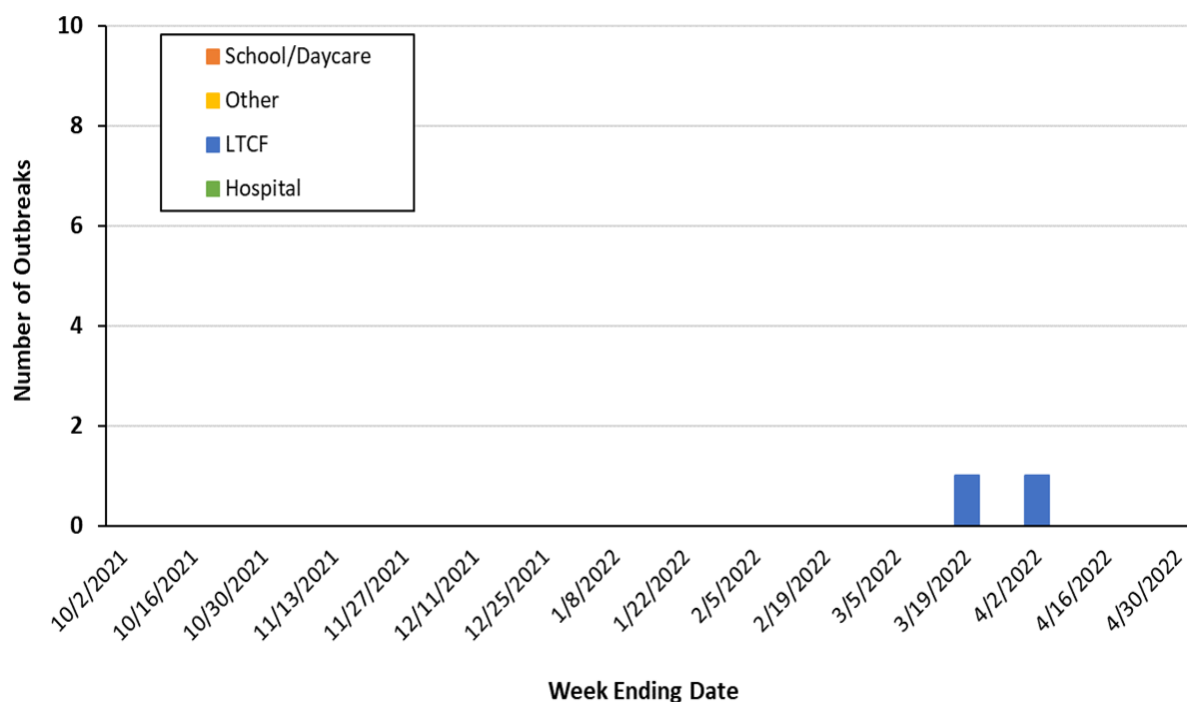
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 2 influenza-associated hospitalization reported during week 14 of 2022. There have been 18 reported hospitalizations during the 2021-2022 season.

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



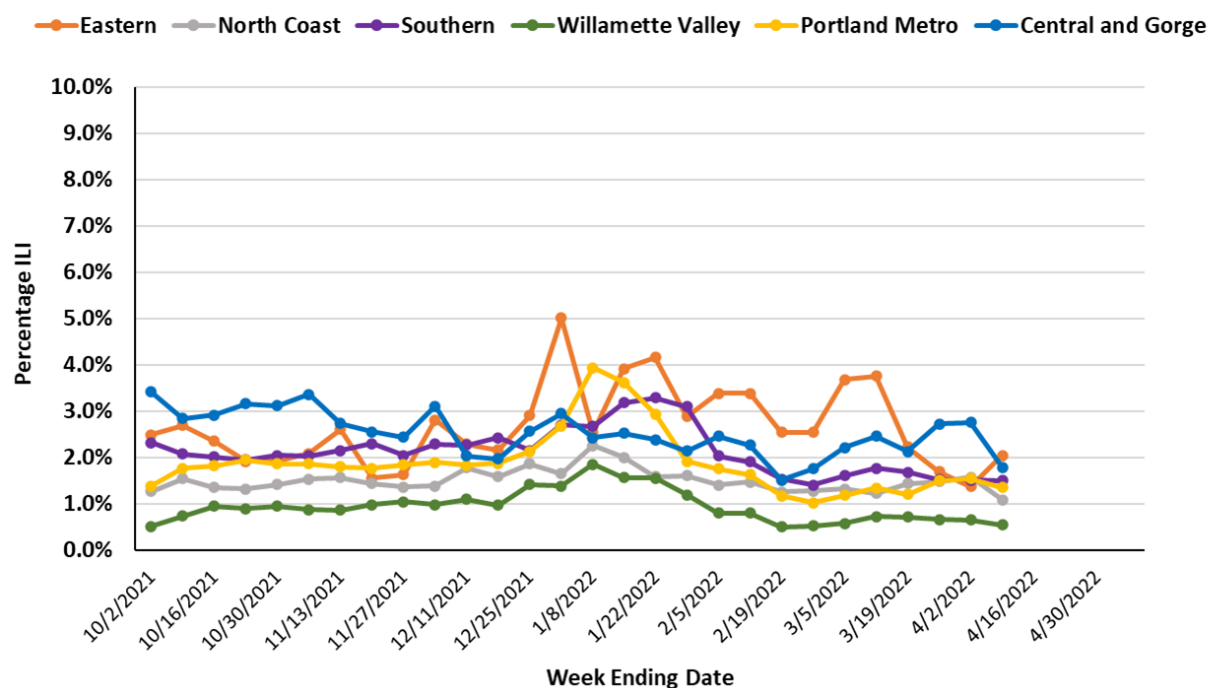
Influenza Outbreaks: There was 1 influenza outbreaks reported during week 14, 2022, there has been 2 reported outbreaks during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 14 of 2022 was 1.3%. Regionally, the percent was highest in the Eastern Oregon region (2.0%) and lowest in the Willamette Valley (0.5%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 14, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Viruses

- ## Illness

- ## Severe Disease

- 2021-22 Influenza Season Week 14 ending Apr 09, 2022



Oregon Public Health Division

Published April 8th, 2022

Data at a Glance March 27th 2022 - April 2nd 2022 (Week 13)

	Current Week (13)	Previous Week (12)
Percentage of emergency department visits for ILI ¹	0.9%	0.9%
Percentage positive influenza tests ²	3.7%	5.4%
Portland tri-county influenza-associated hospitalizations ³	1	4
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.1%	1.5%

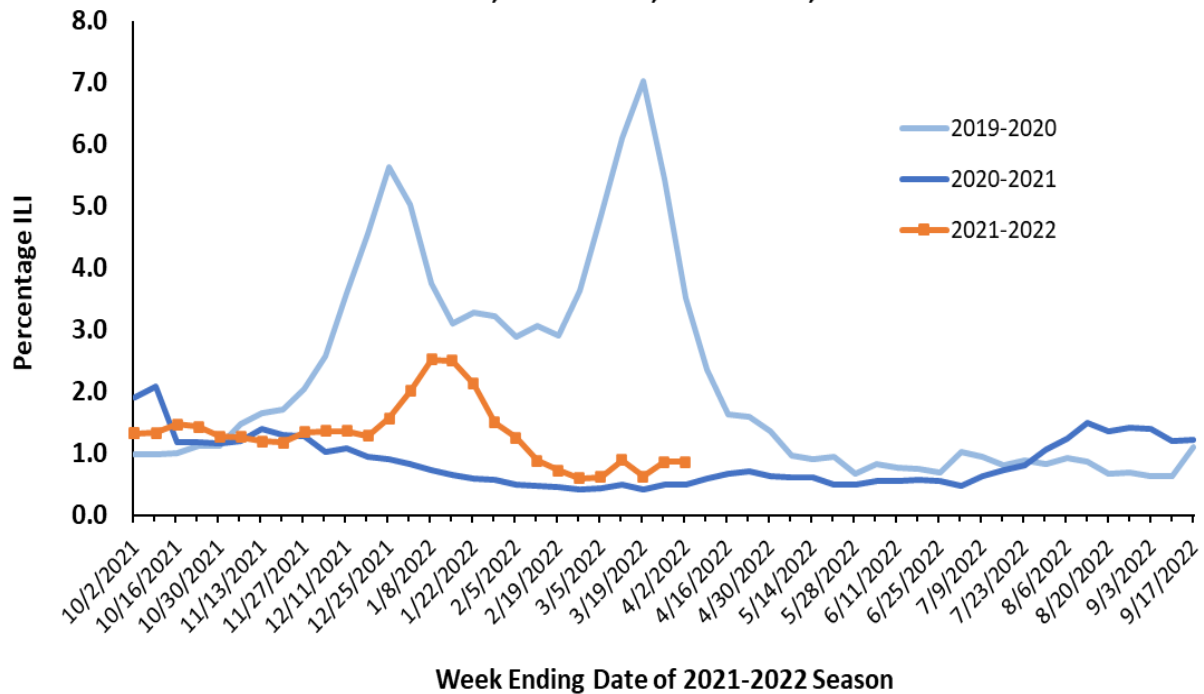
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.9% during week 13, 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 3.7% of specimens tested at Oregon labs were positive for influenza during week 13, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

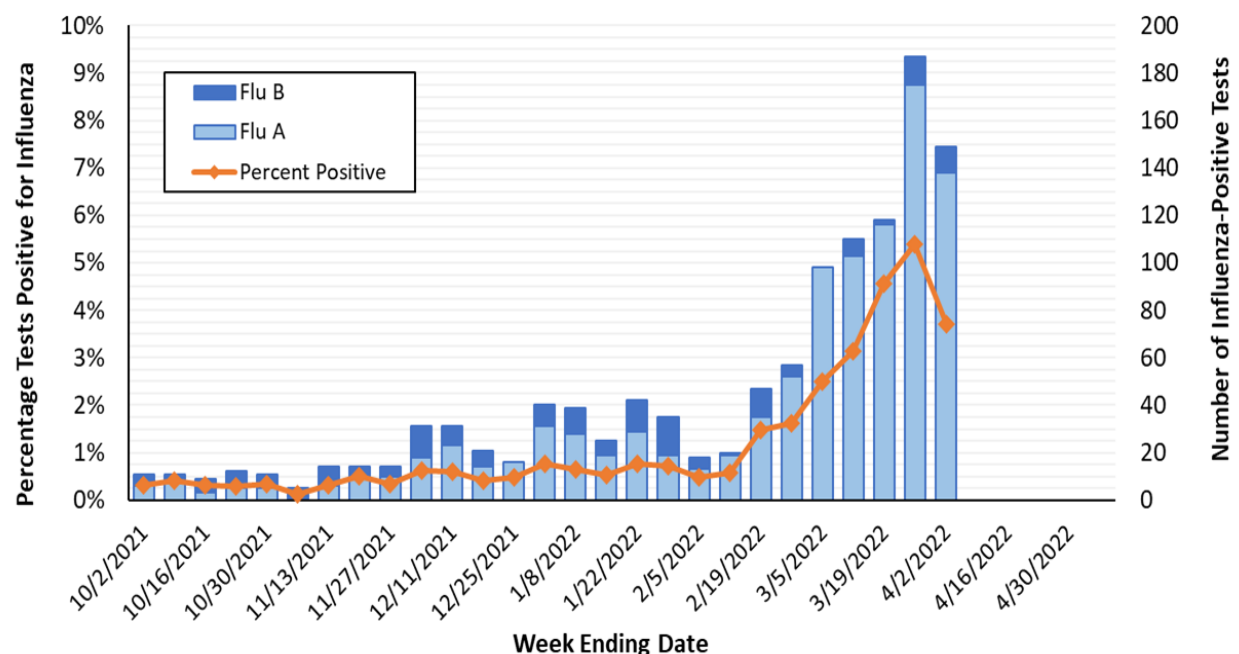
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

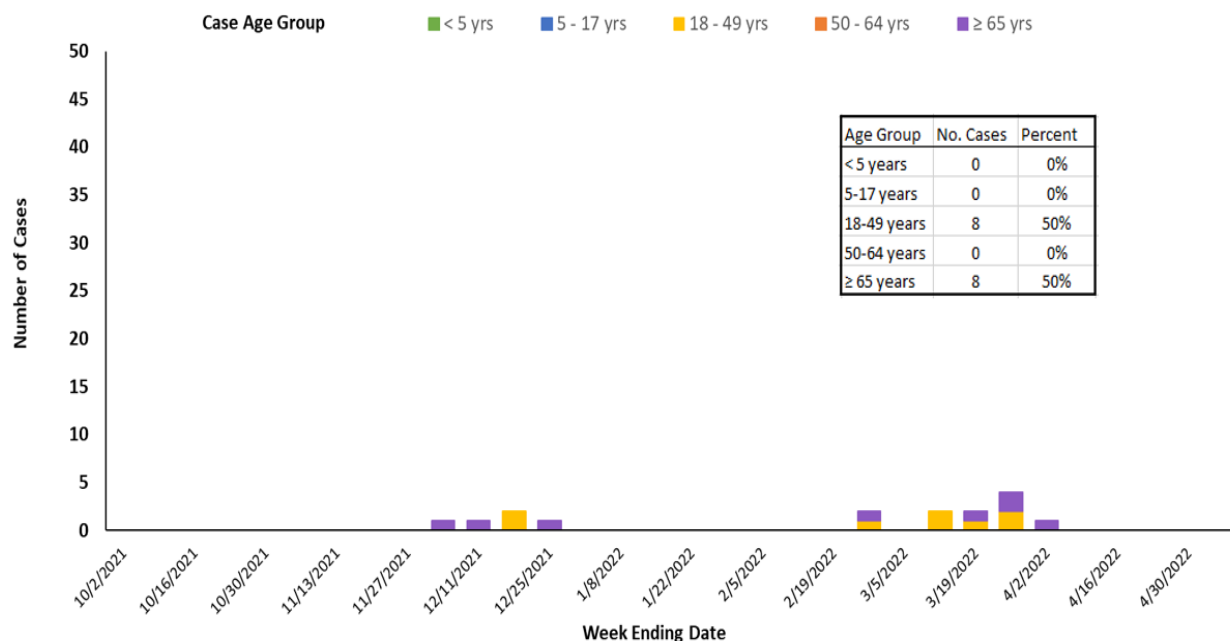
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1952	18	0.9%	17	94.4%	1	5.6%
Southern Oregon	816	61	7.5%	61	100.0%	0	0.0%
Columbia Gorge	239	25	10.5%	25	100.0%	0	0.0%
Central Oregon	695	33	4.7%	30	90.9%	3	9.1%
Willamette Valley	327	12	3.7%	5	41.7%	7	58.3%
State Total	4029	149	3.7%	138	92.6%	11	7.4%

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



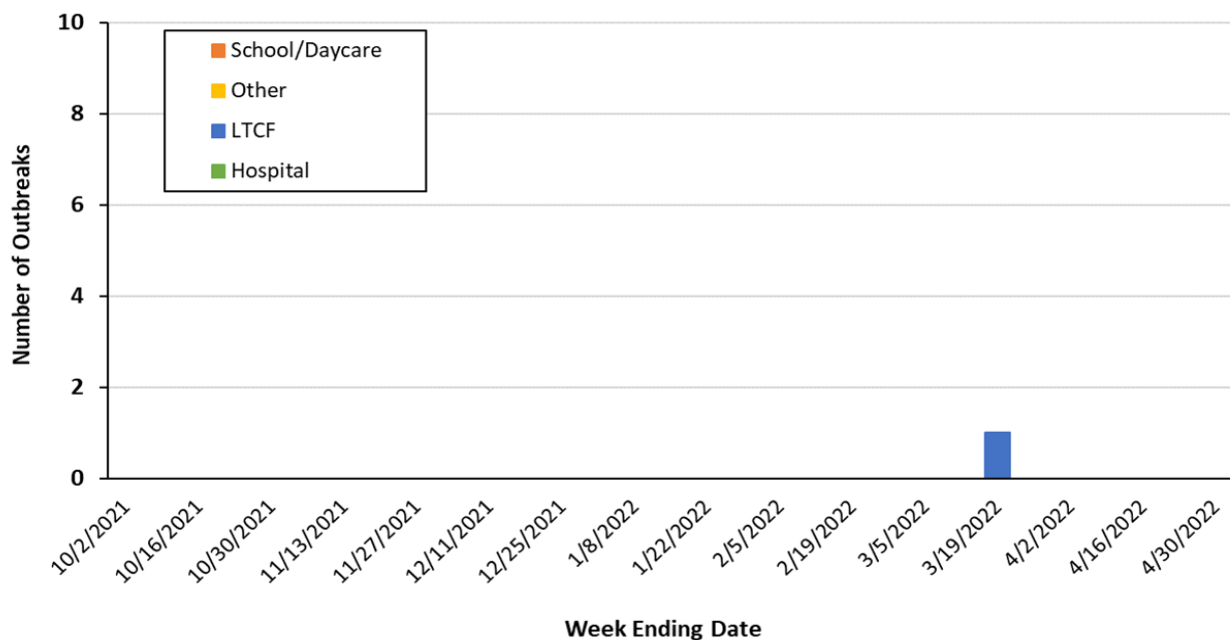
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 4 influenza-associated hospitalization reported during week 13 of 2022. There have been 16 reported hospitalizations during the 2021-2022 season.

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



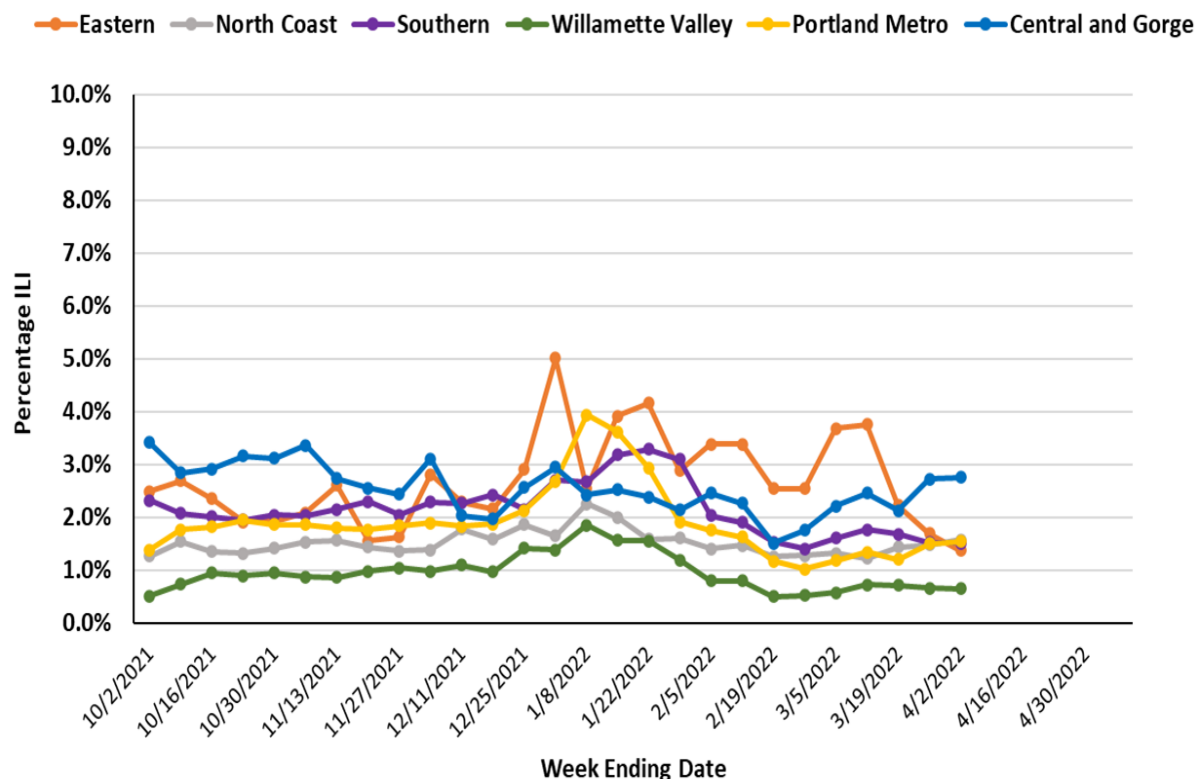
Influenza Outbreaks: There were no influenza outbreaks reported during week 13, 2022, there has been 1 reported outbreak during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 13 of 2022 was 1.5%. Regionally, the percent was highest in the Central Oregon region (2.8%) and lowest in the Willamette Valley (0.6%).

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

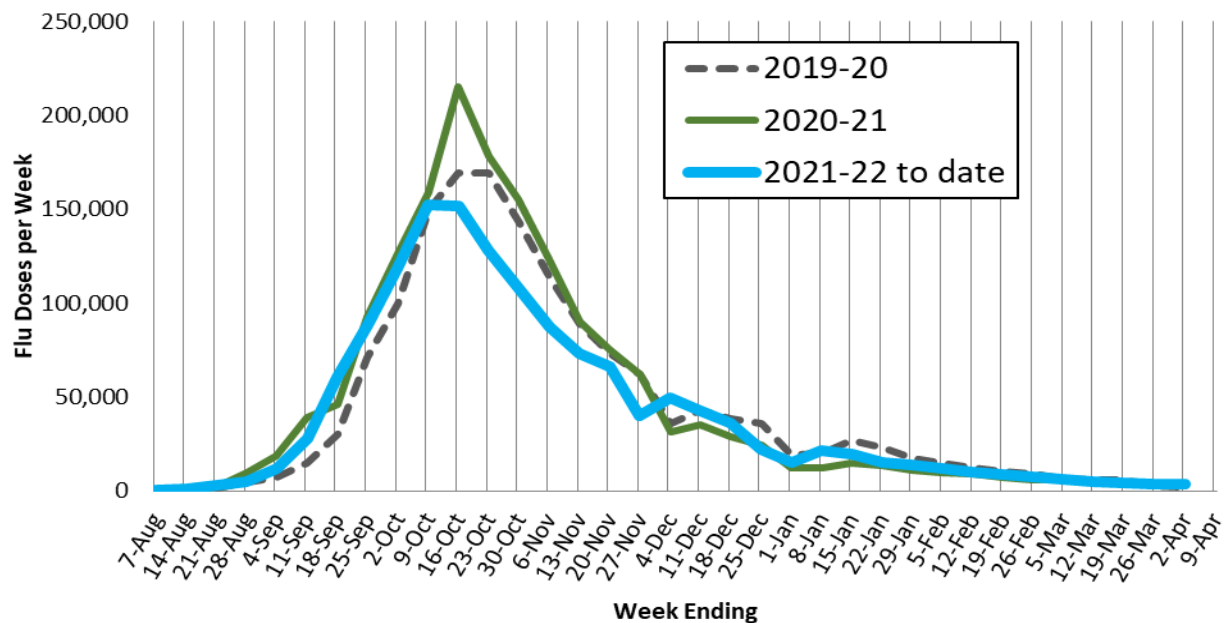


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 13, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

As of April 8th of 2022, Oregonians are continuing to receive influenza immunizations, though at declining numbers with each new week. Currently the ALERT Immunization Information System (ALERT IIS) has influenza immunization records for 1.42 million Oregonians in the current season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT IIS. In the last full tracking week (ending April 2nd), the ALERT IIS received reports of 3,423 new influenza immunizations given to Oregonians: only slightly down from the previous week total of 3,619 influenza immunizations.

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



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

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 8.3% 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](#)

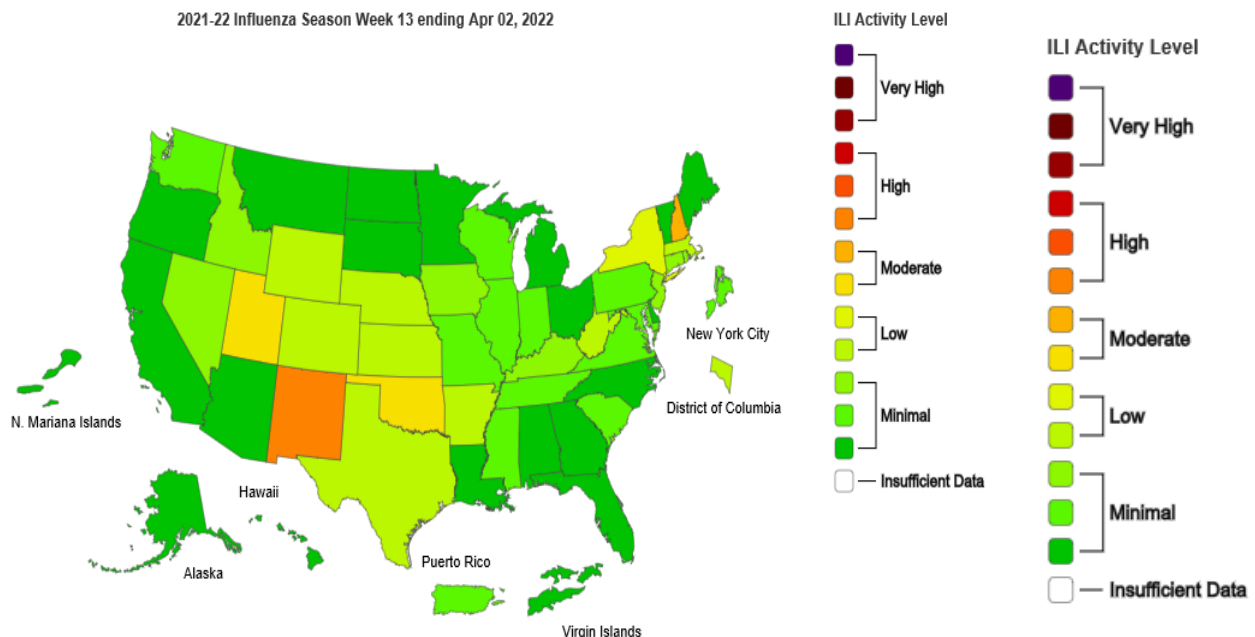
Illness

- **ILINet Outpatient Illness:** Nationwide during week 13, 1.9% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 3 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.7% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 8.0 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,965 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on April 18th, 2022 7.5% of the deaths that occurred during the week ending April 2nd, 2022 (week 13), 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:** 2 influenza related deaths were reported this week, 16 influenza-associated pediatric death has occurred during the 2021-2022 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 1st, 2022

Data at a Glance March 20th 2022 - March 26th 2022 (Week 12)

	Current Week (12)	Previous Week (11)
Percentage of emergency department visits for ILI ¹	0.9%	0.6%
Percentage positive influenza tests ²	5.4%	4.6%
Portland tri-county influenza-associated hospitalizations ³	4	2
Reported influenza outbreaks	0	1
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.5%	3.2%

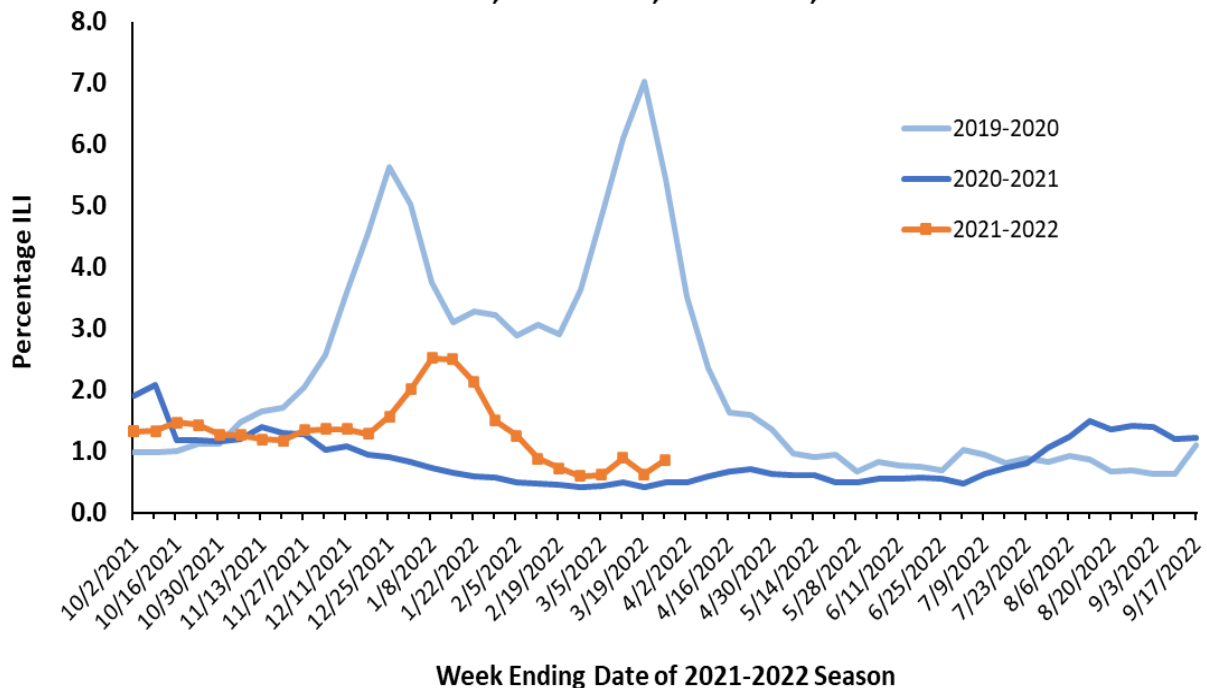
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.9% during week 12, 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 5.4% of specimens tested at Oregon labs were positive for influenza during week 12, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

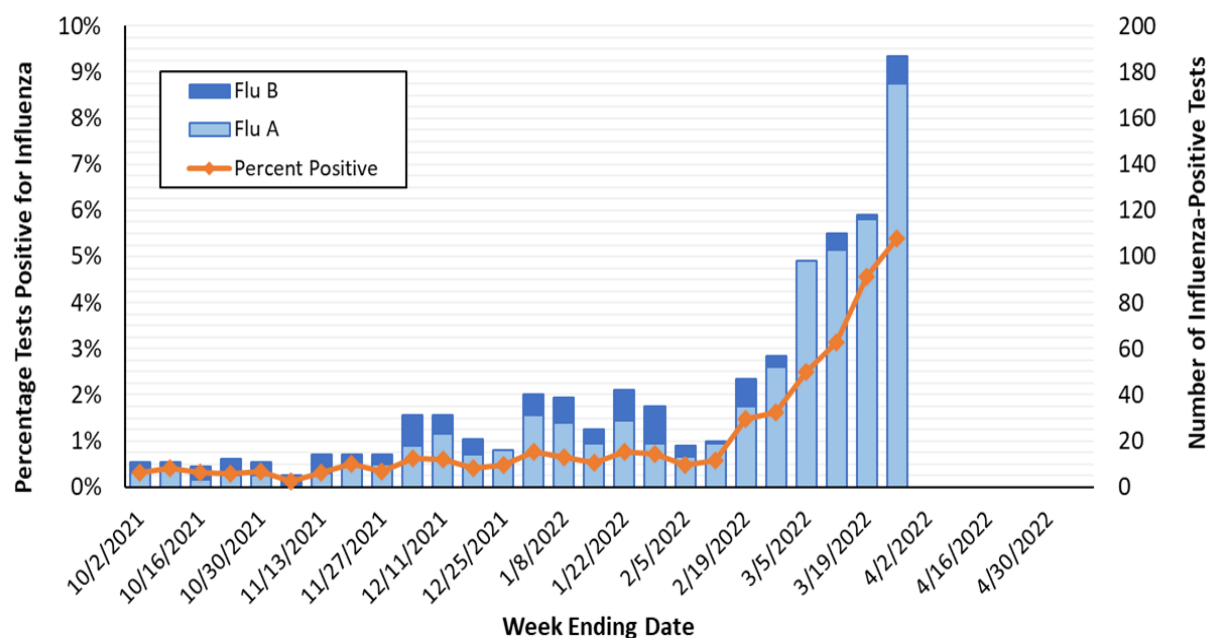
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

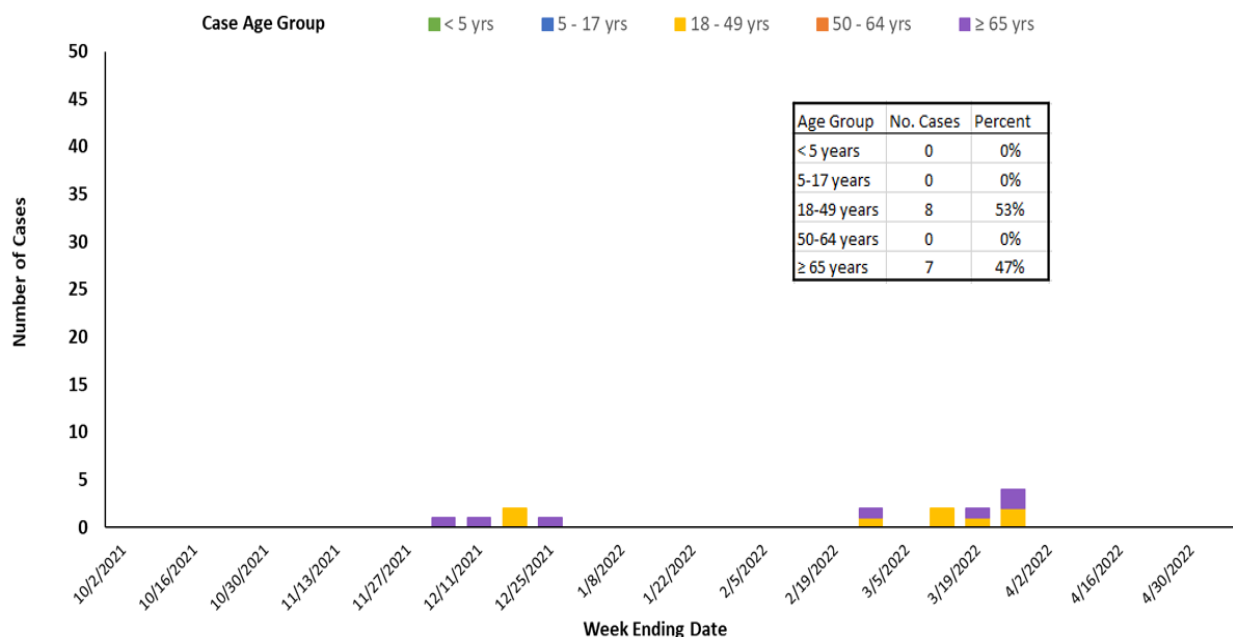
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1241	4	0.3%	4	100.0%	0	0.0%
Southern Oregon	883	105	11.9%	105	100.0%	0	0.0%
Columbia Gorge	247	29	11.7%	29	100.0%	0	0.0%
Central Oregon	719	30	4.2%	30	100.0%	0	0.0%
Willamette Valley	371	19	5.1%	7	36.8%	12	63.2%
State Total	3461	187	5.4%	175	93.6%	12	6.4%

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



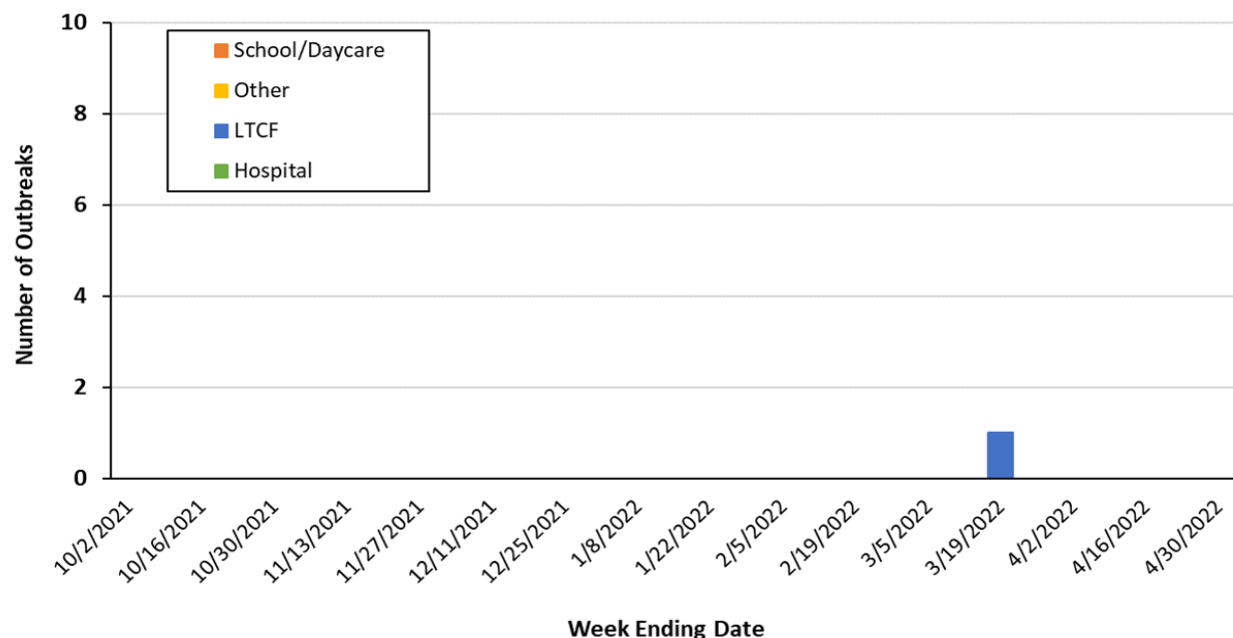
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were 4 influenza-associated hospitalization reported during week 12 of 2022. There have been 15 reported hospitalizations during the 2021-2022 season.

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



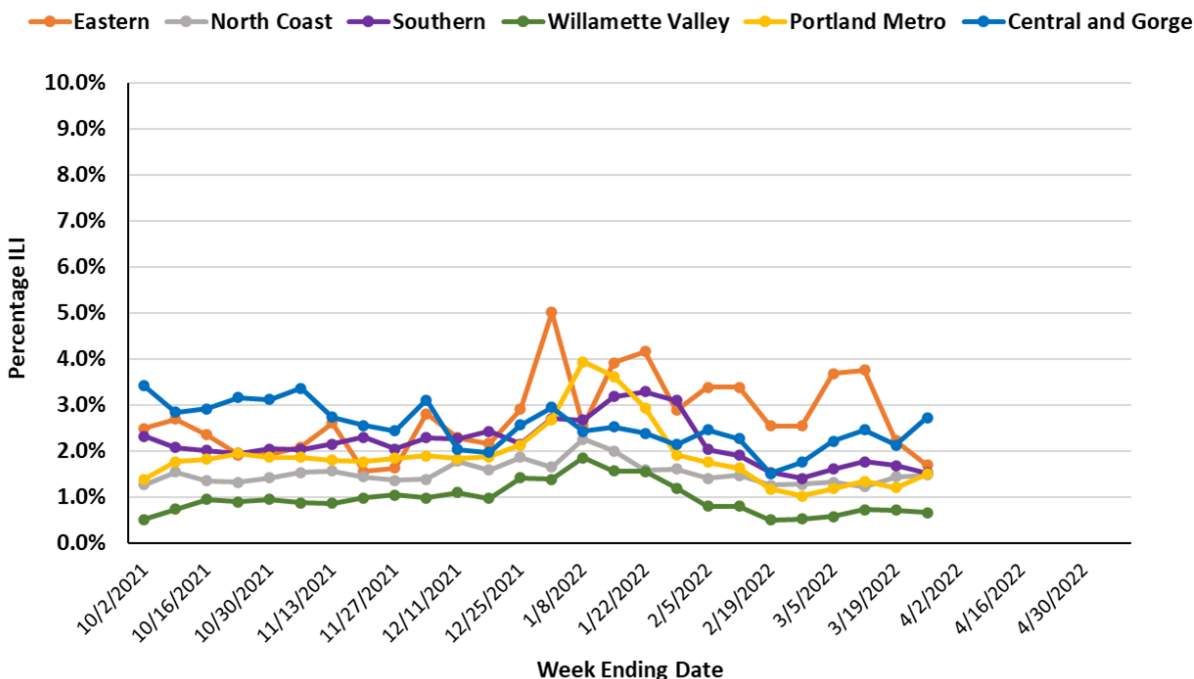
Influenza Outbreaks: There were no influenza outbreaks reported during week 12, 2022, there has been 1 reported outbreak during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 12 of 2022 was 1.5%. Regionally, the percent was highest in the Central Oregon region (2.7%) and lowest in the Willamette Valley (0.7%).

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

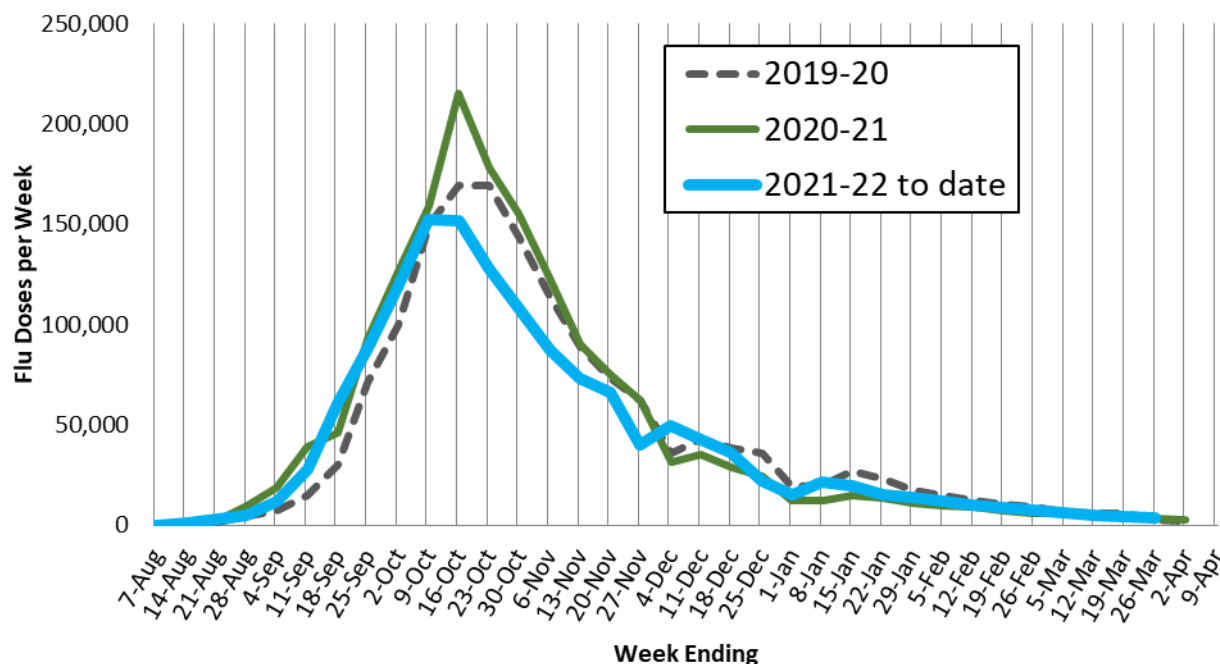


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 12, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

As of March 31st of 2022, the number of new, weekly influenza immunizations is continuing to decline. Currently the ALERT Immunization Information System (ALERT IIS) has influenza immunization records for 1.42 million Oregonians in the current season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT IIS. In the last full tracking week (ending March 26th), the ALERT IIS received reports of 3,619 new influenza immunizations given to Oregonians: down from the previous week total of 4,268 influenza immunizations.

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



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

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 6.5% 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](#)

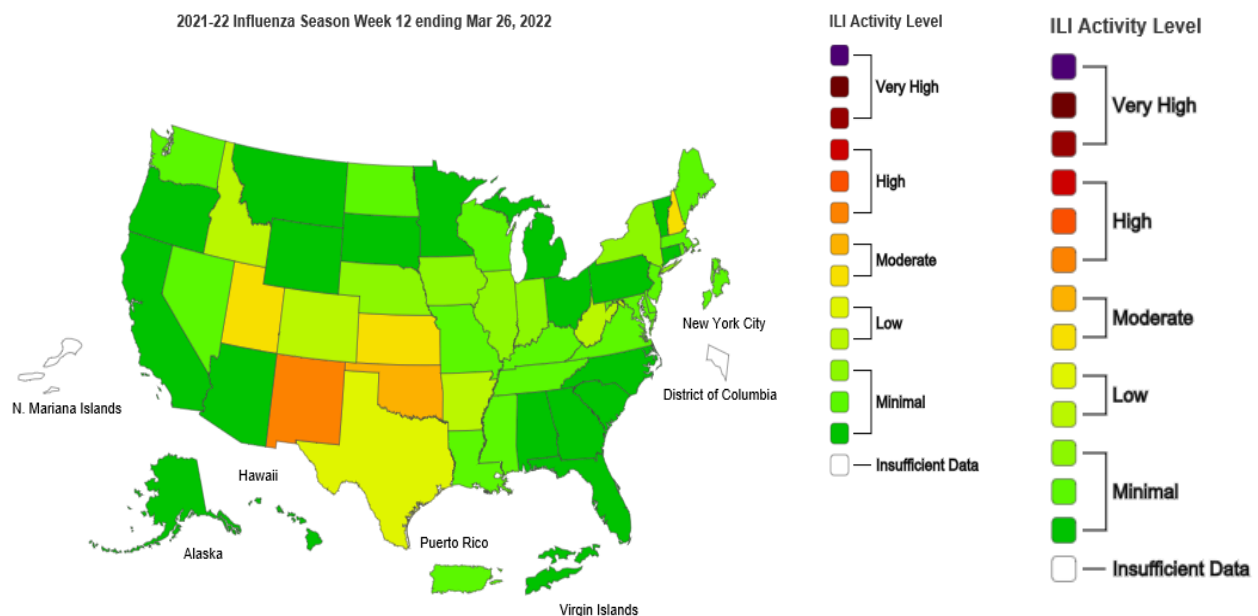
Illness

- **ILINet Outpatient Illness:** Nationwide during week 12, 1.8% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 4 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.7% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 7.2 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,820 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on April 1st, 2022 8.3% of the deaths that occurred during the week ending March 26th, 2022 (week 12), 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:** 1 influenza related deaths were reported this week, 14 influenza-associated pediatric death has occurred during the 2021-2022 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 25th, 2022

Data at a Glance March 13th 2022 - March 19th 2022 (Week 11)

	Current Week (11)	Previous Week (10)
Percentage of emergency department visits for ILI ¹	0.6%	0.9%
Percentage positive influenza tests ²	4.6%	3.1%
Portland tri-county influenza-associated hospitalizations ³	2	2
Reported influenza outbreaks	1	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	3.2%	1.7%

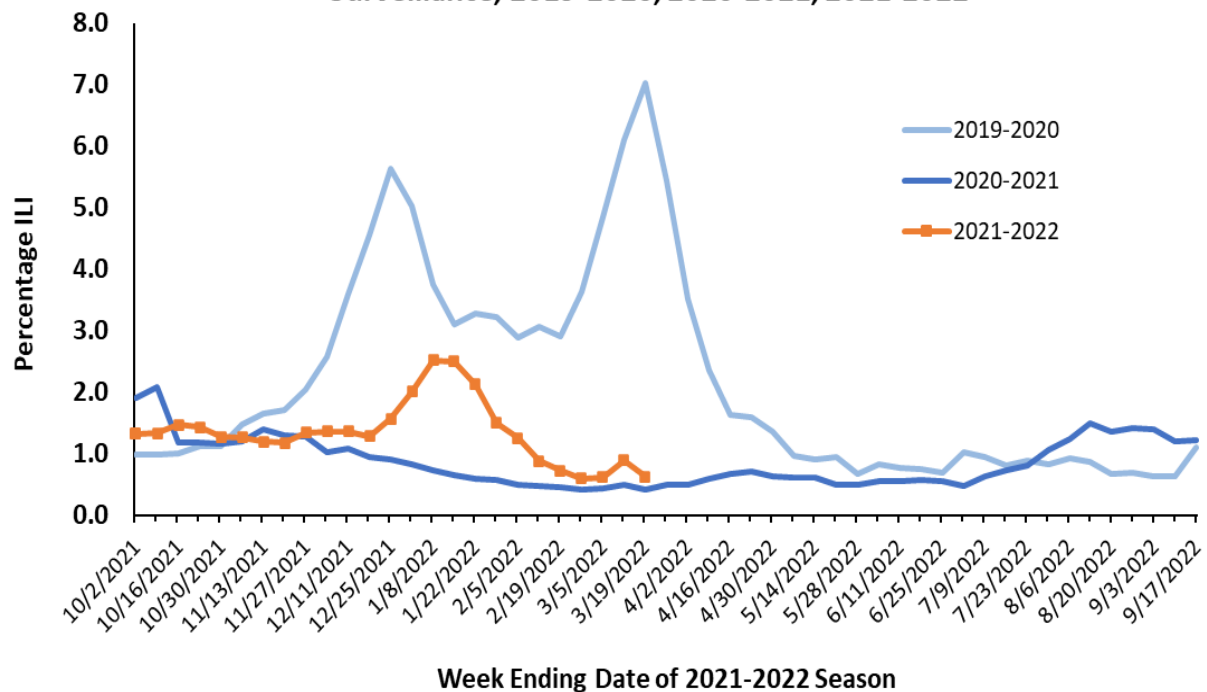
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.6% during week 11, 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](https://www.cdc.gov/nrevss/).

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 4.6% of specimens tested at Oregon labs were positive for influenza during week 11, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

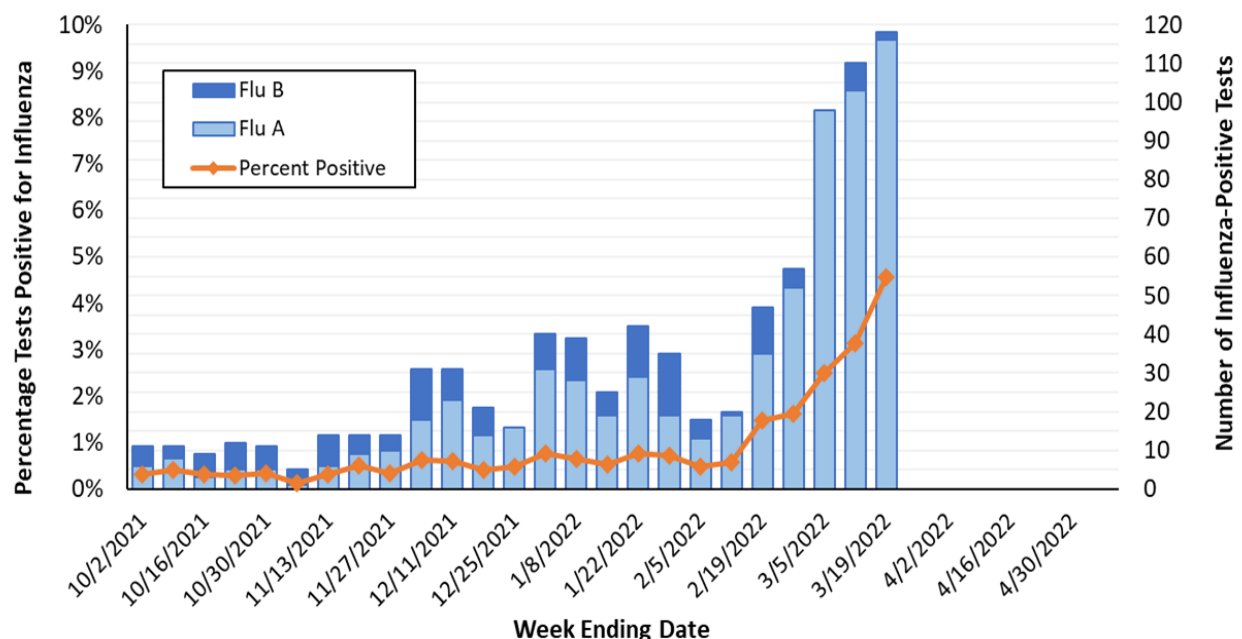
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

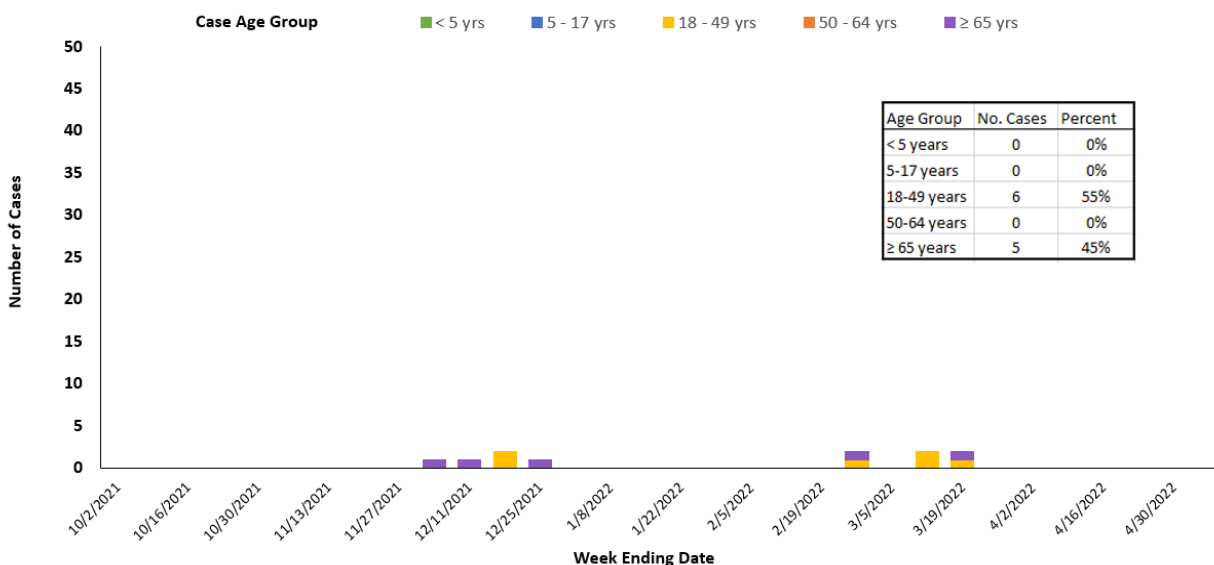
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1219	6	0.5%	6	100.0%	0	0.0%
Southern Oregon	807	84	10.4%	83	98.8%	1	1.2%
Columbia Gorge	239	18	7.5%	18	100.0%	0	0.0%
Central Oregon	68	6	8.8%	5	83.3%	1	16.7%
Willamette Valley	259	4	1.5%	4	100.0%	0	0.0%
State Total	2592	118	4.6%	116	98.3%	2	1.7%

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



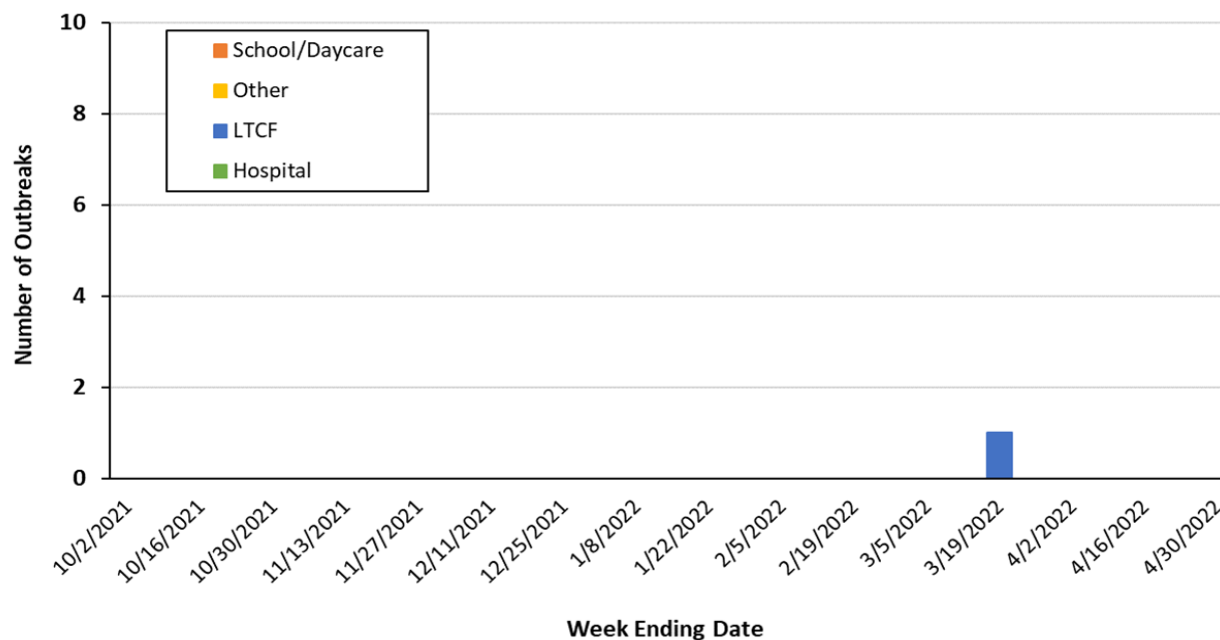
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were two influenza-associated hospitalization reported during week 11 of 2022. There have been 11 reported hospitalizations during the 2021-2022 season.

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



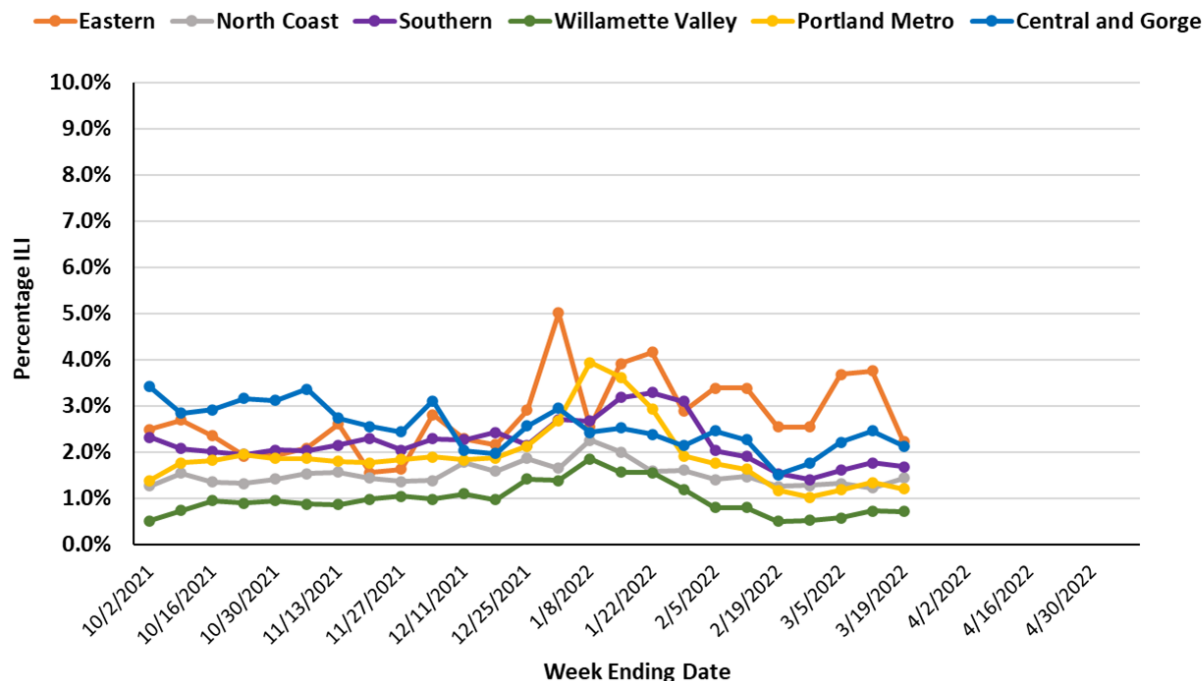
Influenza Outbreaks: There was 1 influenza outbreak reported during week 11, 2022, there has been 1 reported outbreak during the 2021-2022 season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 11 of 2022 was 1.3%. Regionally, the percent was highest in the Eastern Oregon region (2.2%) and lowest in the Willamette Valley (0.7%).

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

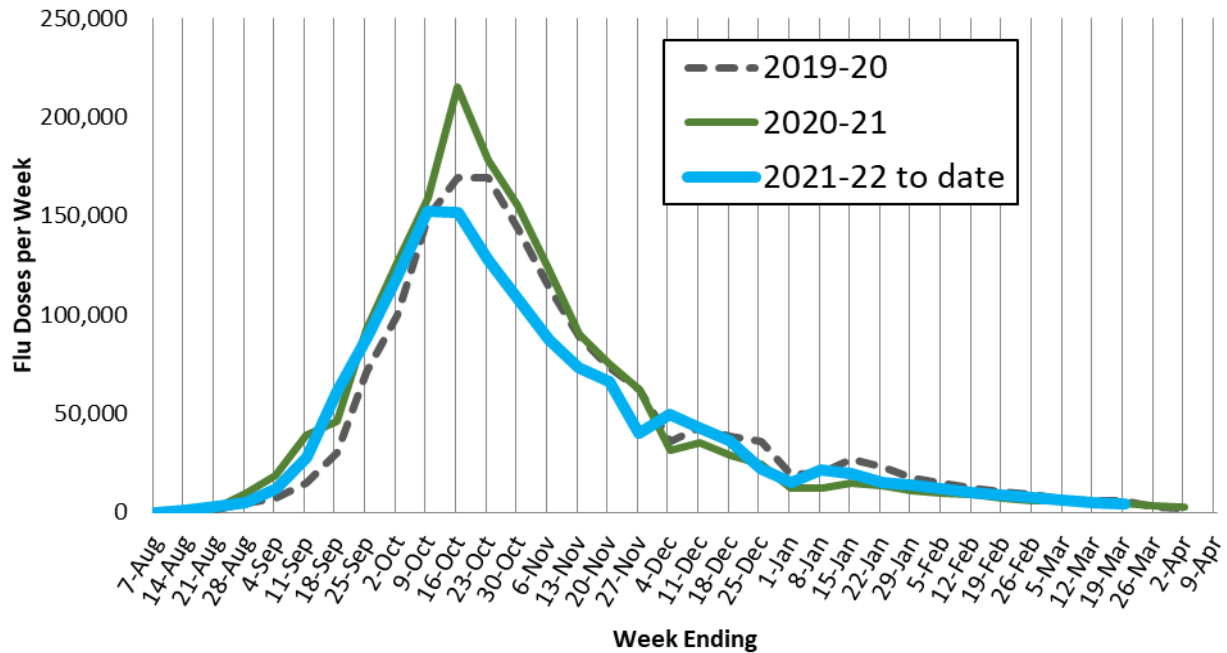


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 11, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

As of March 25th of 2022, the number of new, weekly influenza immunizations is continuing to decline. Currently the ALERT Immunization Information System (ALERT IIS) has influenza immunization records for 1.41 million Oregonians in the current season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT IIS. In the last full tracking week (ending March 19th), the ALERT IIS received reports of 4,241 new influenza immunizations given to Oregonians; down from the previous week total of 5,057 influenza immunizations.

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



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

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 7.7% 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

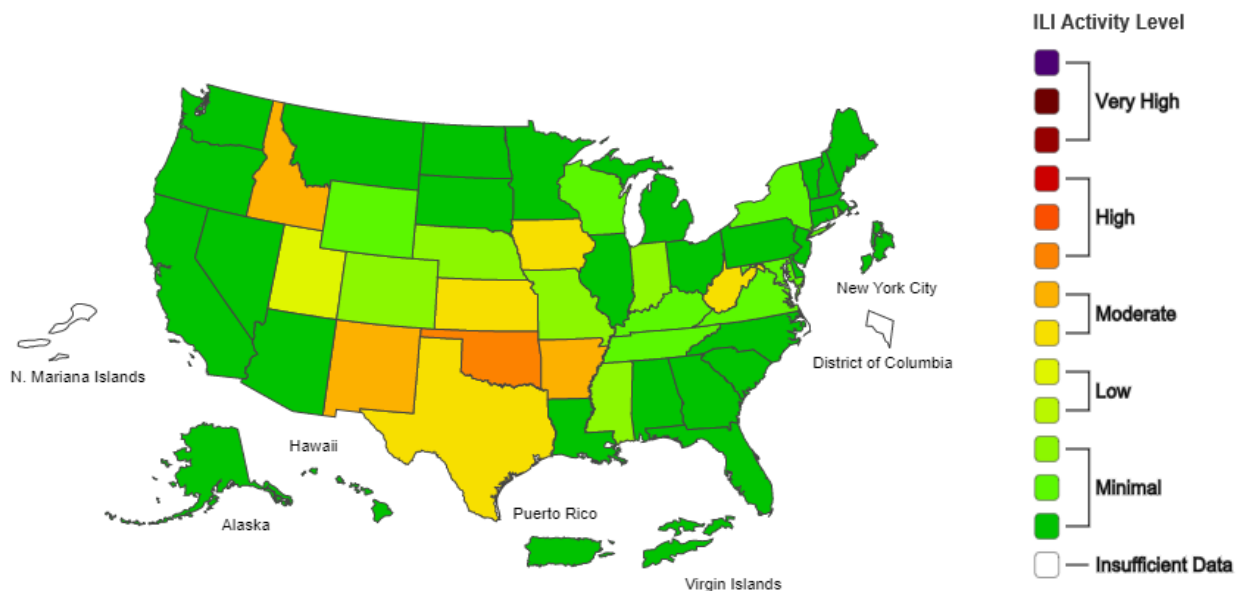
- **ILINet Outpatient Illness:** Nationwide during week 11, 1.8% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 7 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.7% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 6.5 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,733 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on March 25th, 2022 9.1% of the deaths that occurred during the week ending March 19th, 2022 (week 11), 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:** 0 influenza related deaths were reported this week, 13 influenza-associated pediatric death has occurred during the 2021-2022 season and have been reported to CDC.

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

2021-22 Influenza Season Week 11 ending Mar 19, 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 March 18th, 2022

Data at a Glance March 6th 2022 - March 12th 2022 (Week 10)

	Current Week (10)	Previous Week (9)
Percentage of emergency department visits for ILI ¹	0.9%	0.6%
Percentage positive influenza tests ²	3.1%	2.5%
Portland tri-county influenza-associated hospitalizations ³	2	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.7%	1.4%

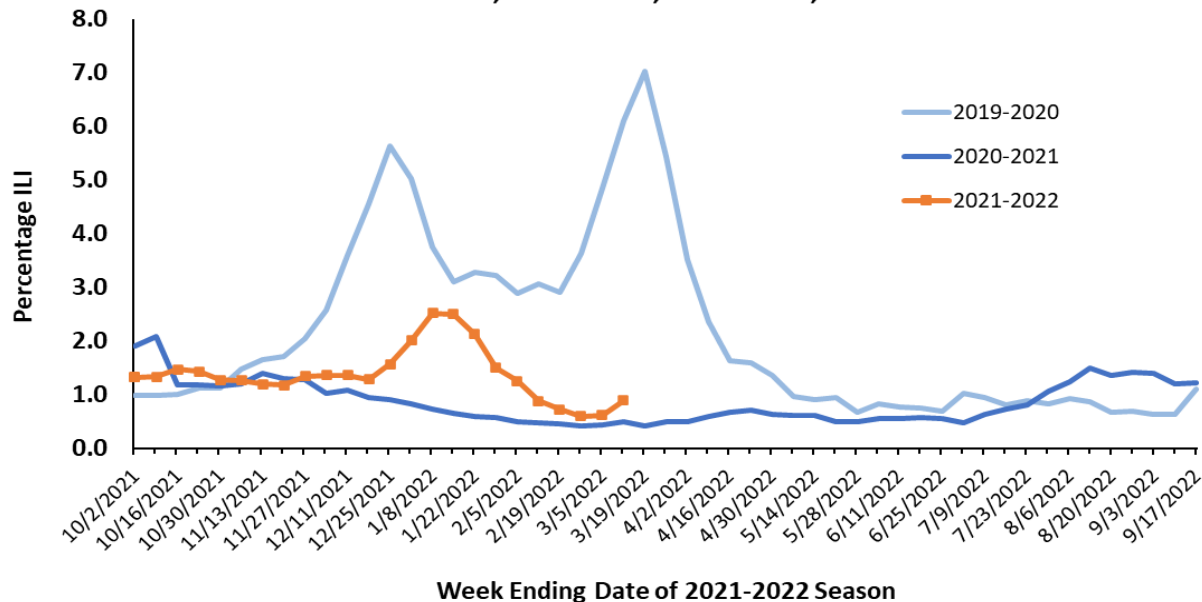
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.9% during week 10, 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 3.1% of specimens tested at Oregon labs were positive for influenza during week 10, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

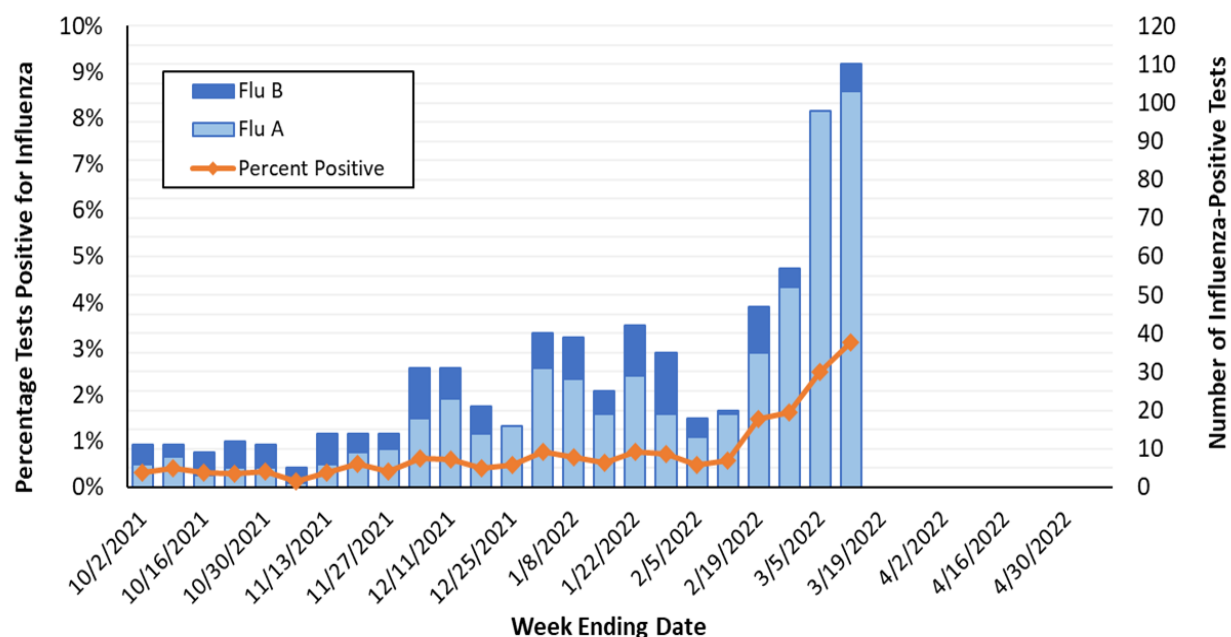
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

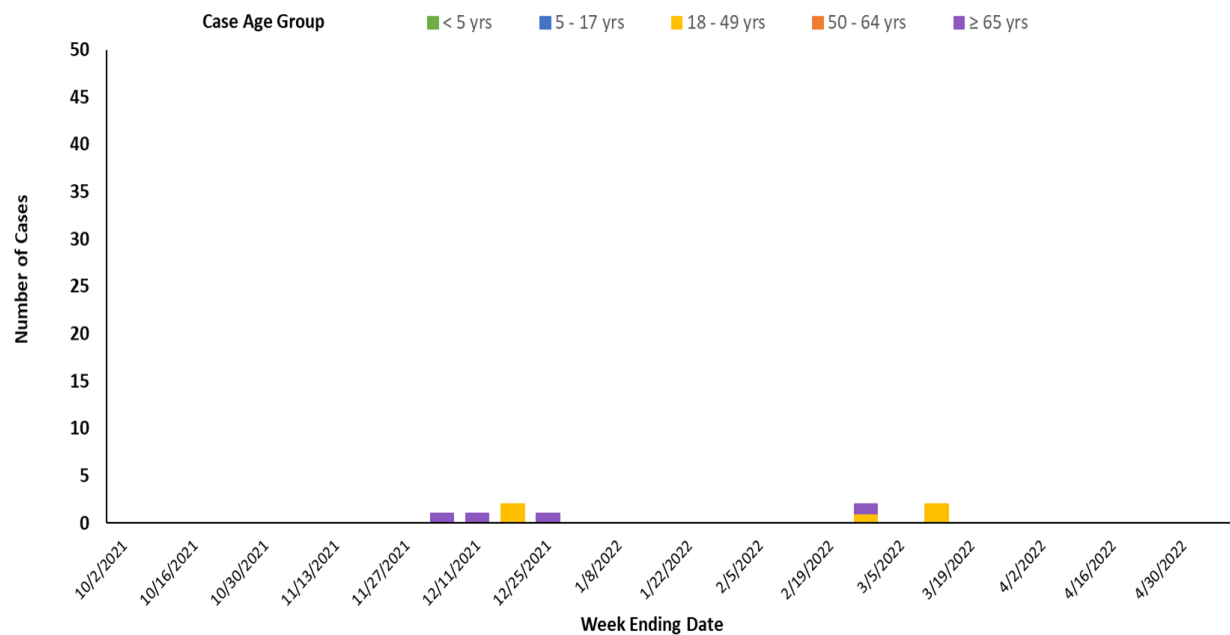
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1741	13	0.7%	10	76.9%	3	23.1%
Southern Oregon	642	52	8.1%	52	100.0%	0	0.0%
Columbia Gorge	202	22	10.9%	22	100.0%	0	0.0%
Central Oregon	669	18	2.7%	18	100.0%	0	0.0%
Willamette Valley	260	5	1.9%	1	20.0%	4	80.0%
State Total	3514	110	3.1%	103	93.6%	7	6.4%

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



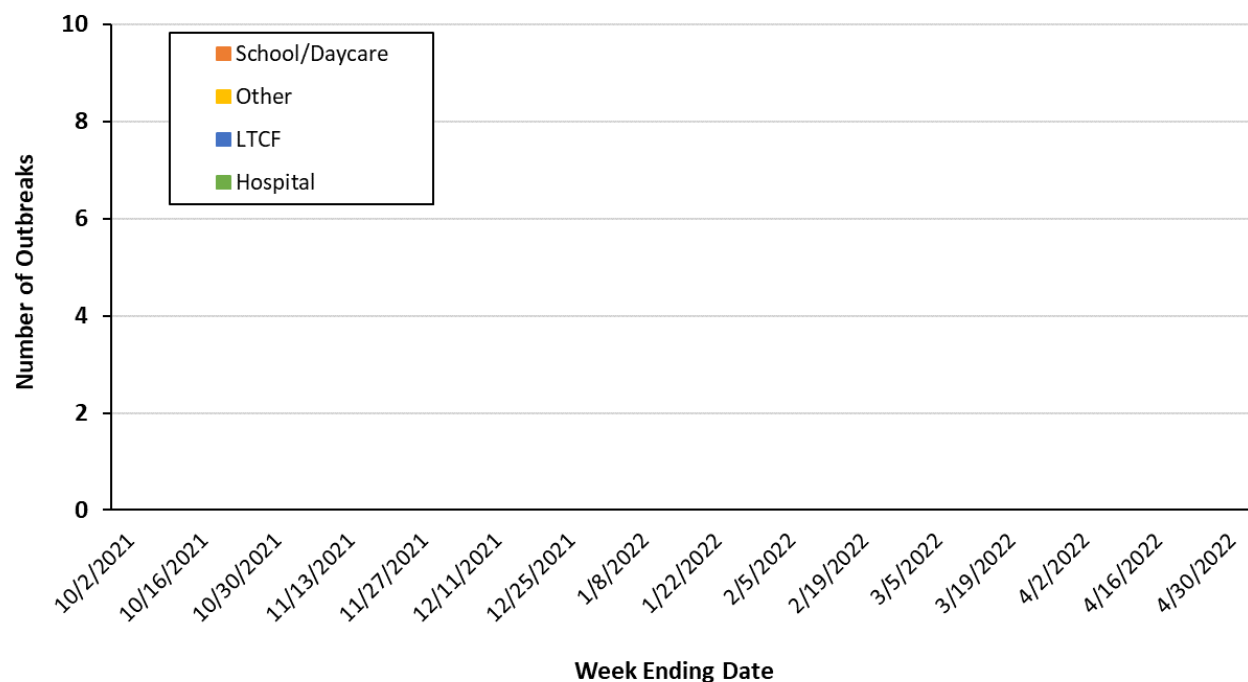
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were two influenza-associated hospitalization reported during week 10 of 2022. There have been nine reported hospitalizations during the 2021-2022 season.

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



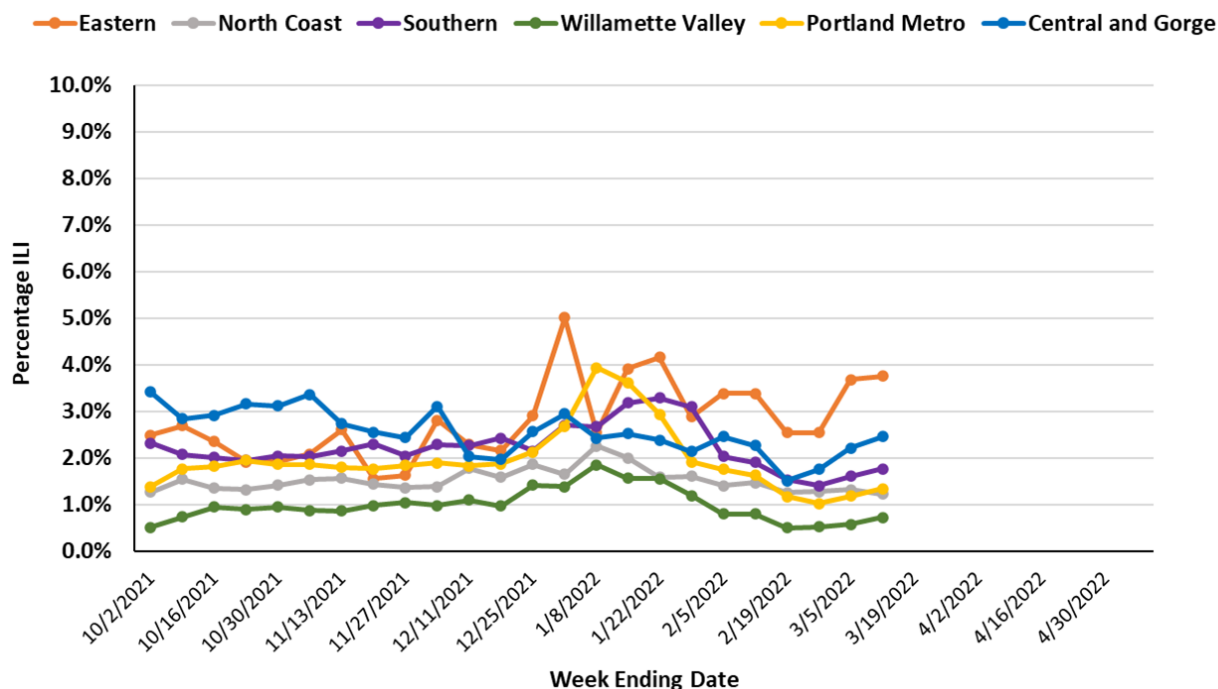
Influenza Outbreaks: There were no influenza outbreaks reported during week 10, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 10 of 2022 was 1.5%. Regionally, the percent was highest in the Eastern Oregon region (3.8%) and lowest in the Willamette Valley (0.7%).

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

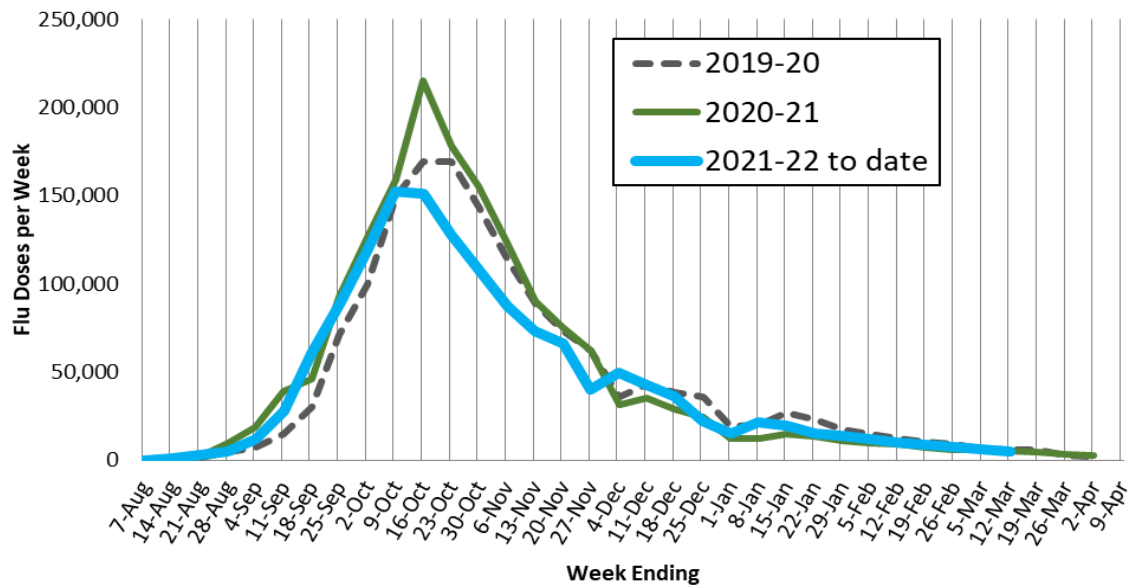


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 10, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

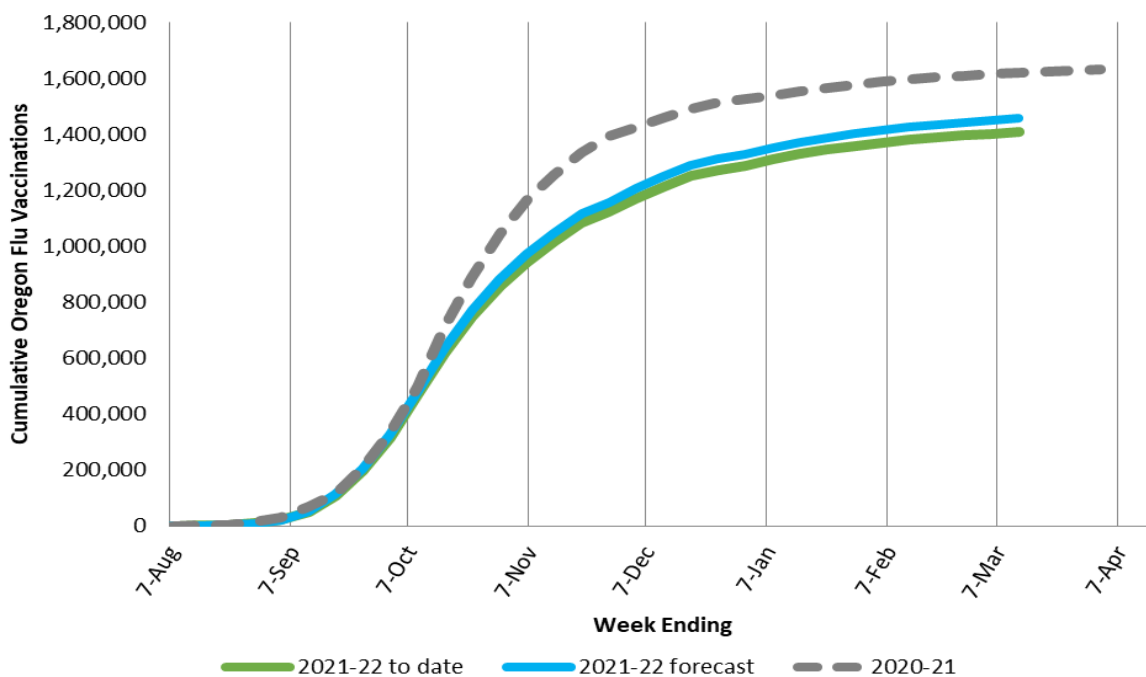
Vaccination information:

As of March 16th of 2022, the number of new, weekly influenza immunizations is continuing to decline. Currently the ALERT Immunization Information System (ALERT IIS) has influenza immunization records for 1.4 million Oregonians in the current season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT IIS. In the last full tracking week (ending March 12th), the ALERT IIS received reports of 5,026 new influenza immunizations given to Oregonians; down from the previous week total of 6,469 influenza immunizations.

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



2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



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 6.8% 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](#)

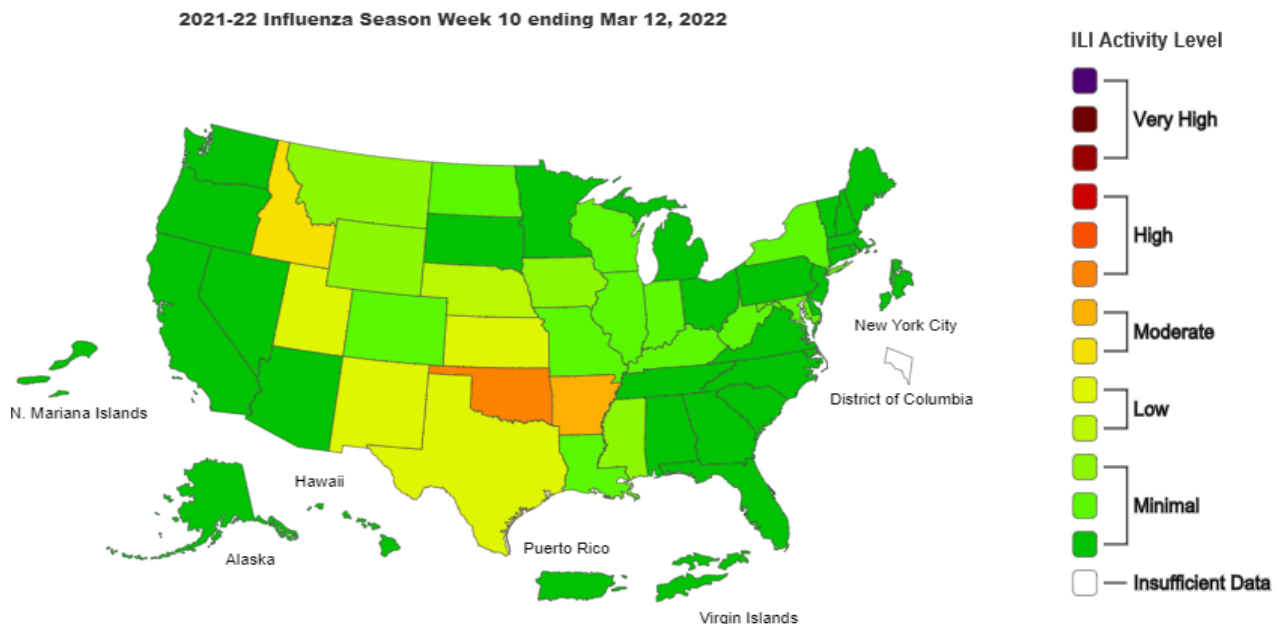
Illness

- **ILINet Outpatient Illness:** Nationwide during week 10, 1.7% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 2 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.7% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 5.9 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,082 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on March 18th, 2022 10.8% of the deaths that occurred during the week ending March 12th, 2022 (week 10), 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:** 3 influenza related deaths were reported this week, 13 influenza-associated pediatric death has occurred during the 2021-2022 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 11th, 2022

Data at a Glance February 27th - March 5th 2022 (Week 9)

	Current Week (9)	Previous Week (8)
Percentage of emergency department visits for ILI ¹	0.6%	0.6%
Percentage positive influenza tests ²	2.5%	1.6%
Portland tri-county influenza-associated hospitalizations ³	0	2
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	1.4%	2.5%

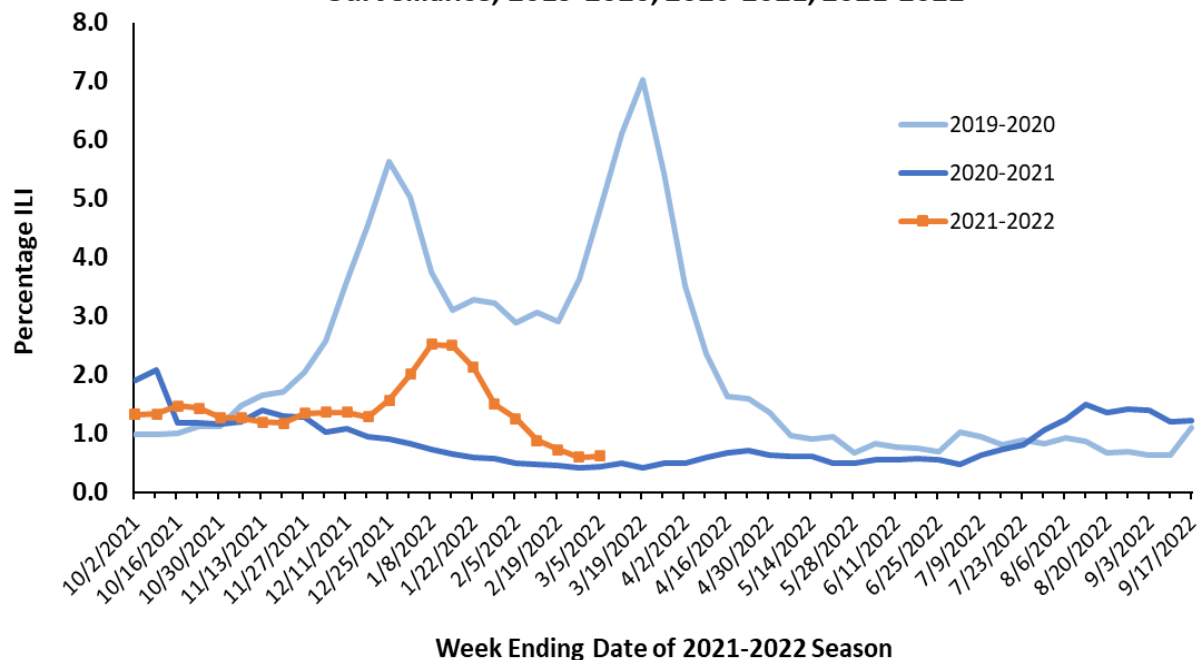
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.6% during week 9, 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 2.5% of specimens tested at Oregon labs were positive for influenza during week 9, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

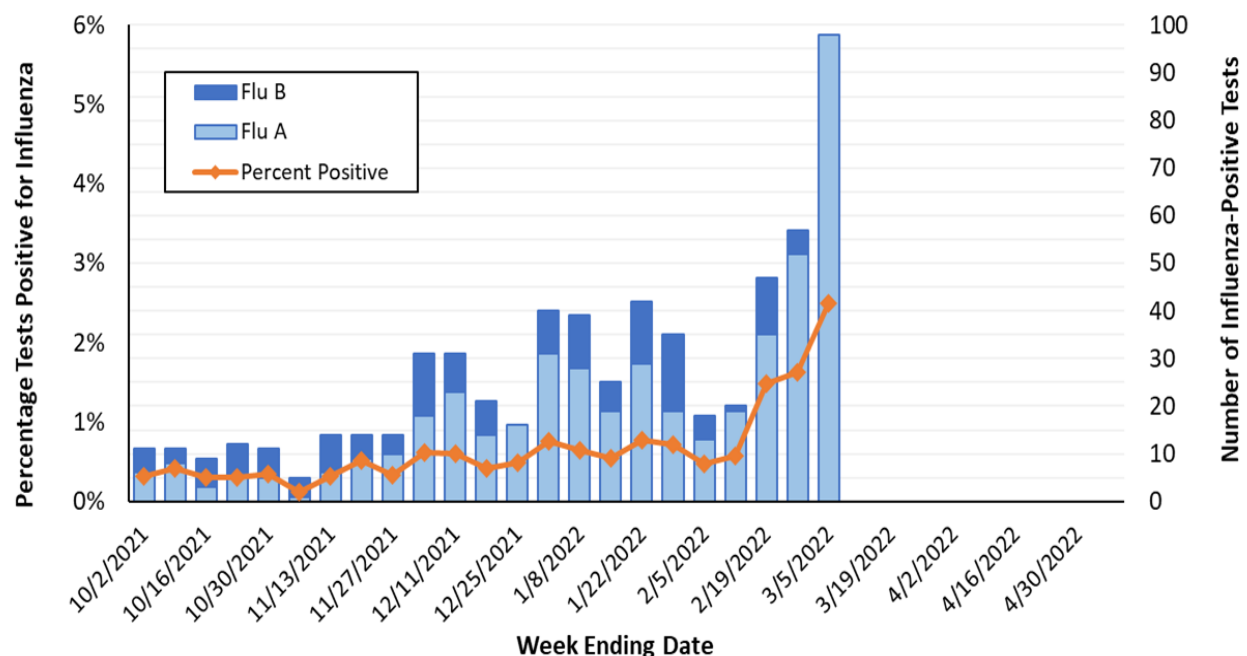
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

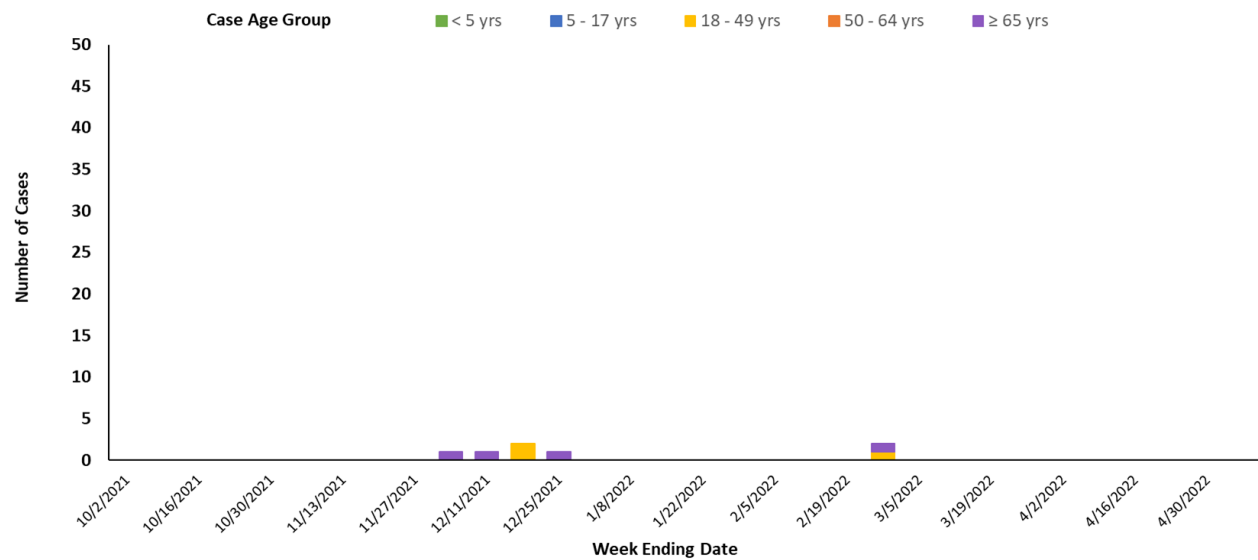
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1781	4	0.2%	4	100.0%	0	0.0%
Southern Oregon	843	63	7.5%	63	100.0%	0	0.0%
Columbia Gorge	253	15	5.9%	15	100.0%	0	0.0%
Central Oregon	738	15	2.0%	15	100.0%	0	0.0%
Willamette Valley	311	1	0.3%	1	100.0%	0	0.0%
State Total	3926	98	2.5%	98	100.0%	0	0.0%

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



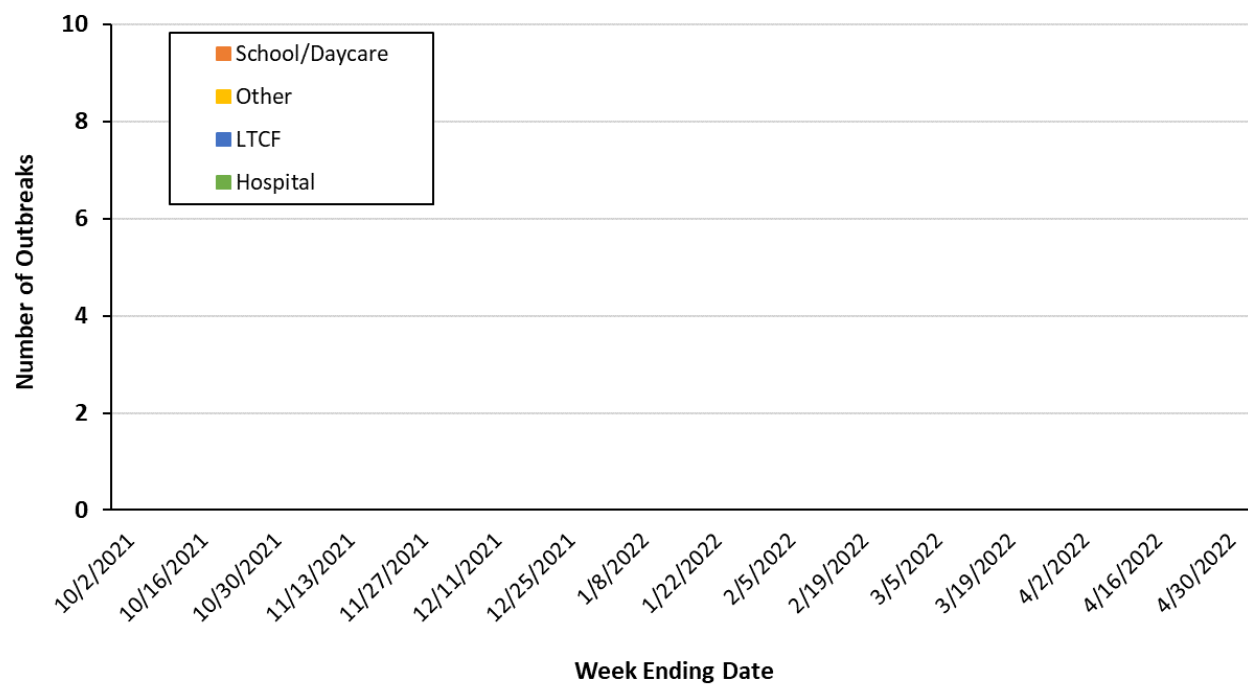
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalization reported during week 9 of 2022. There have been seven reported hospitalizations during the 2021-2022 season.

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



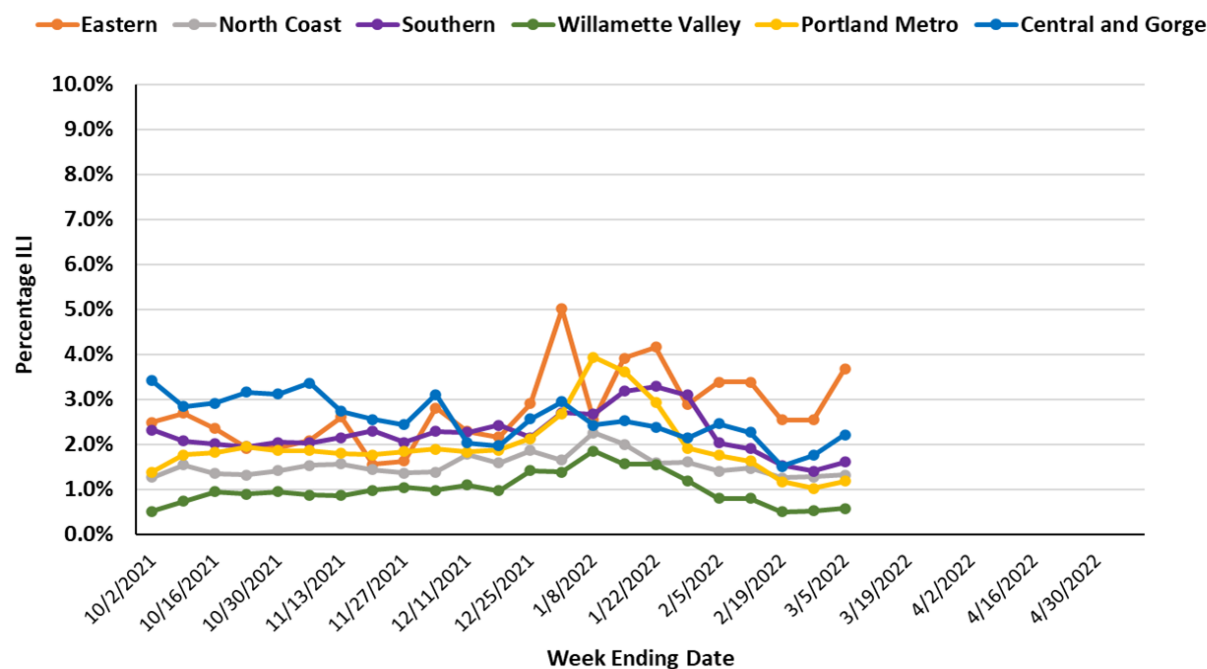
Influenza Outbreaks: There were no influenza outbreaks reported during week 9, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 9 of 2022 was 1.4%. Regionally, the percent was highest in the Eastern Oregon region (3.7%) and lowest in the Willamette Valley (0.6%).

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



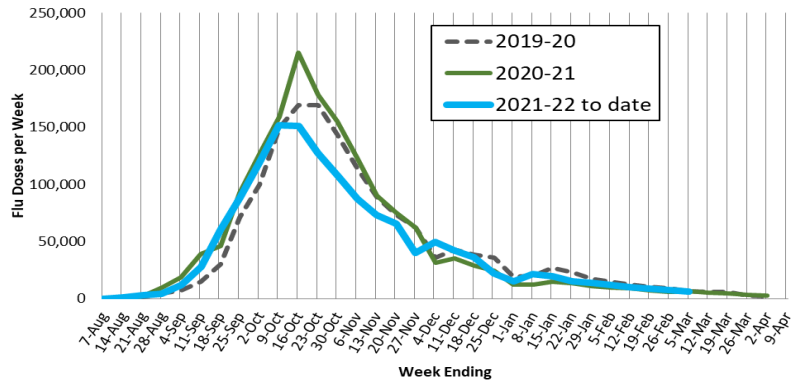
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 9, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

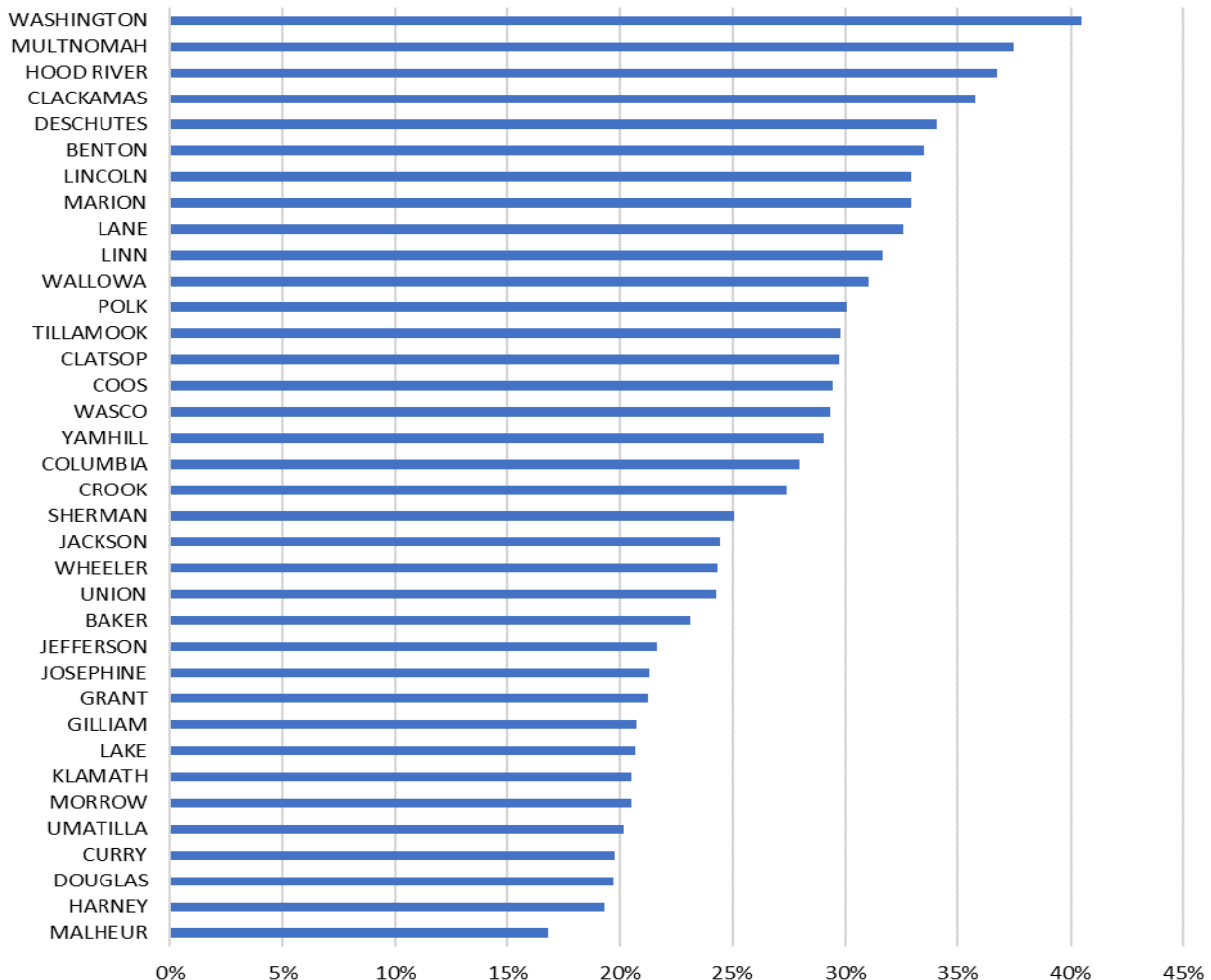
As of March 11th of 2022, the ALERT Immunization Information System (ALERT IIS) has influenza immunization records in this season for 1.4 million Oregonians. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT IIS. In the last full tracking week (ending March 5th), the ALERT IIS received reports of 6,432 new influenza immunizations given to Oregonians; down from the previous week total of 7,313 influenza immunizations.

For this week, we are including a chart of influenza immunization rates by county. This is a preliminary set of county rates, and will be re-assessed at the end of the influenza season. As a caveat, these do not take account of non-reporting providers to ALERT, and final rates will likely be higher than what is shown below.

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



Preliminary 2021-22 Oregon County Influenza Immunization Rates



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 5.8% 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](#)

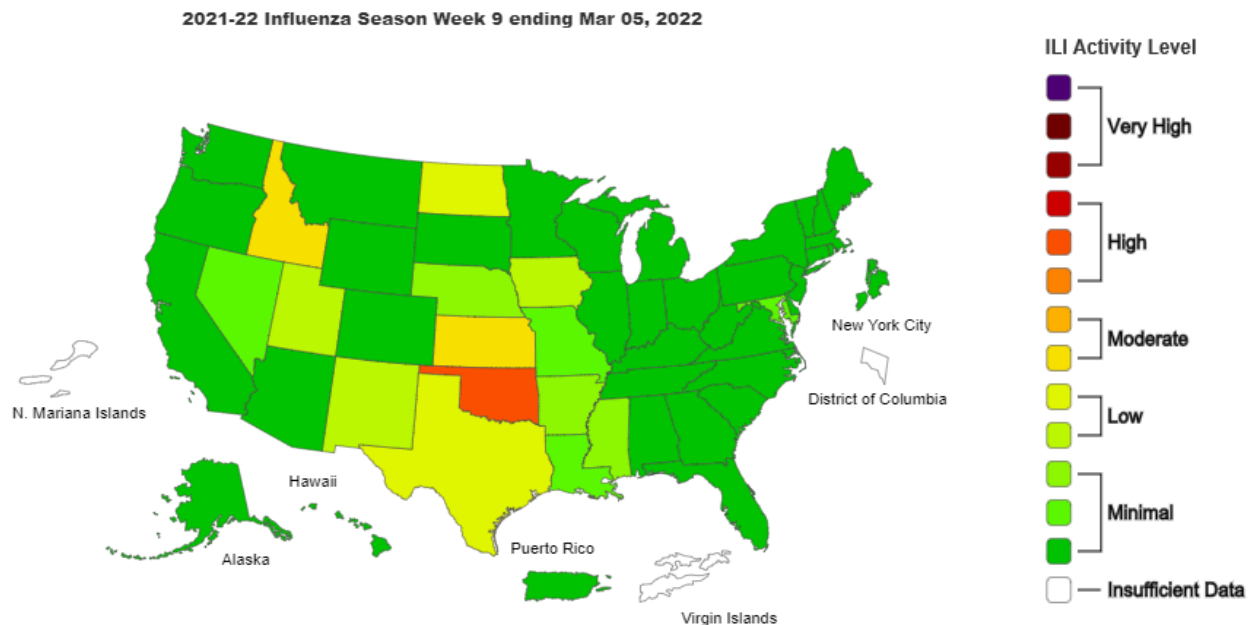
Illness

- **ILINet Outpatient Illness:** Nationwide during week 9, 1.6% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 2 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 5.5 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,772 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on March 11th, 2022 13.1% of the deaths that occurred during the week ending March 5th, 2022 (week 9), 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:** 2 influenza related deaths were reported this week 9 influenza-associated pediatric death has occurred during the 2021-2022 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 4th, 2022

Data at a Glance February 20th - February 26th 2022 (Week 8)

	Current Week (8)	Previous Week (7)
Percentage of emergency department visits for ILI ¹	0.6%	0.7%
Percentage positive influenza tests ²	1.6%	1.5%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	2.5%	3.5%

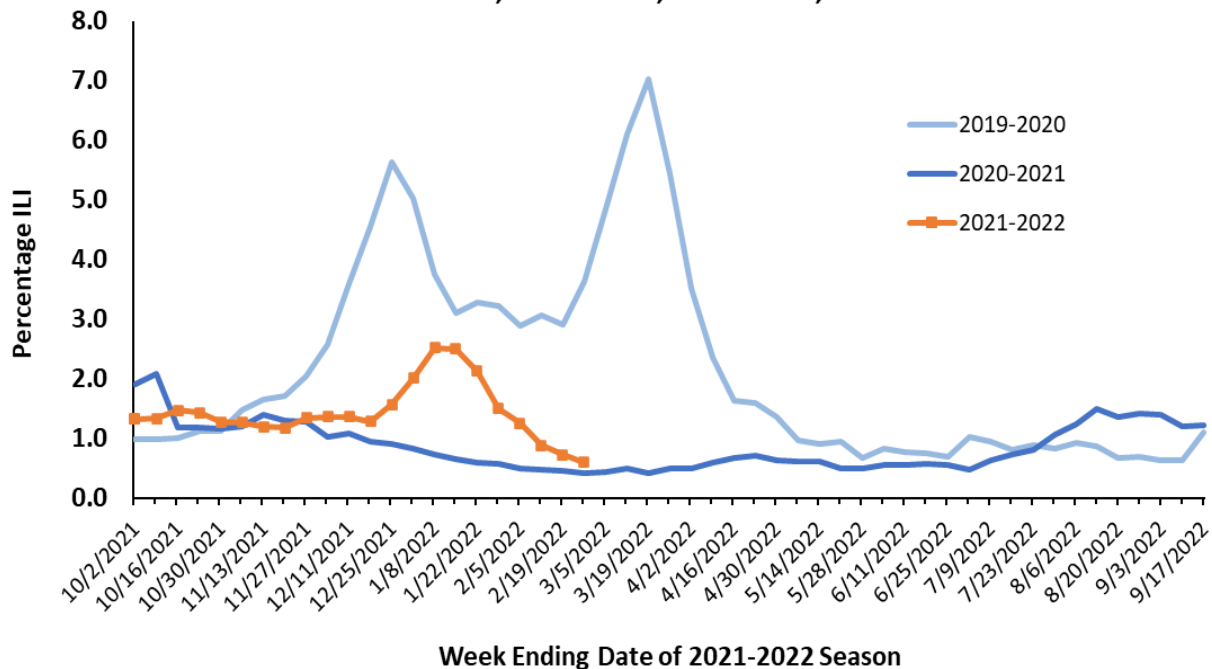
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.6% during week 8, 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](https://www.cdc.gov/nrevss/).

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 1.6% of specimens tested at Oregon labs were positive for influenza during week 8, 2022 and Figure 2 displays the number of influenza positive tests by influenza type and percent positivity.

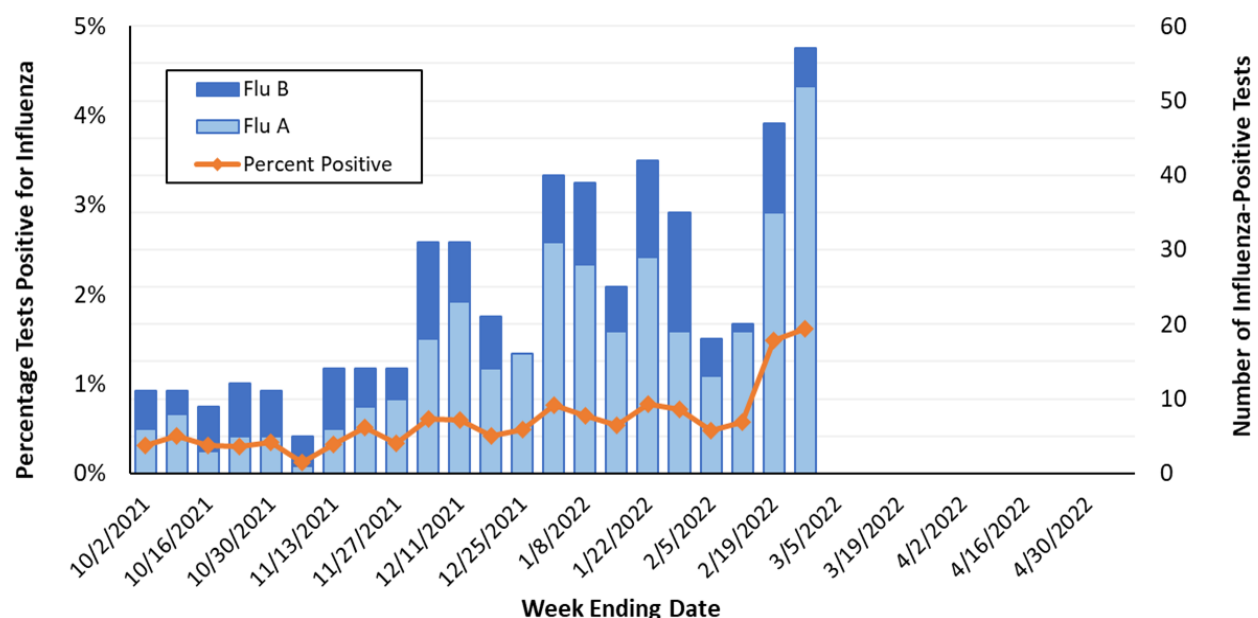
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

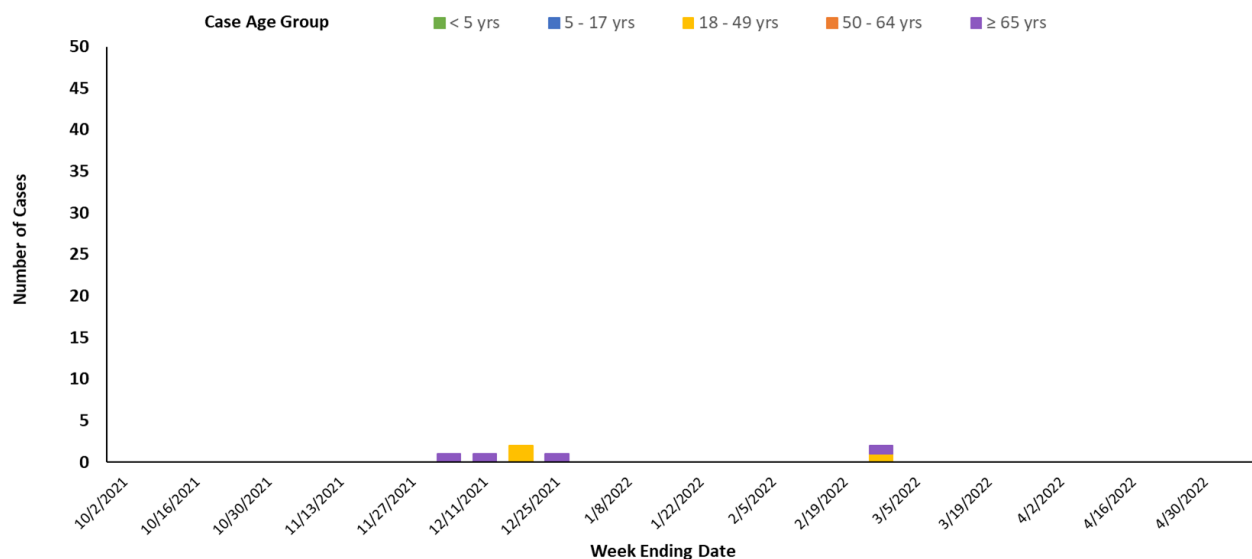
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1668	8	0.5%	5	62.5%	3	37.5%
Southern Oregon	865	34	3.9%	34	100.0%	0	0.0%
Columbia Gorge	216	9	4.2%	8	88.9%	1	11.1%
Central Oregon	729	5	0.7%	5	100.0%	0	0.0%
Willamette Valley	41	1	2.4%	0	0.0%	1	100.0%
State Total	3519	57	1.6%	52	91.2%	5	8.8%

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



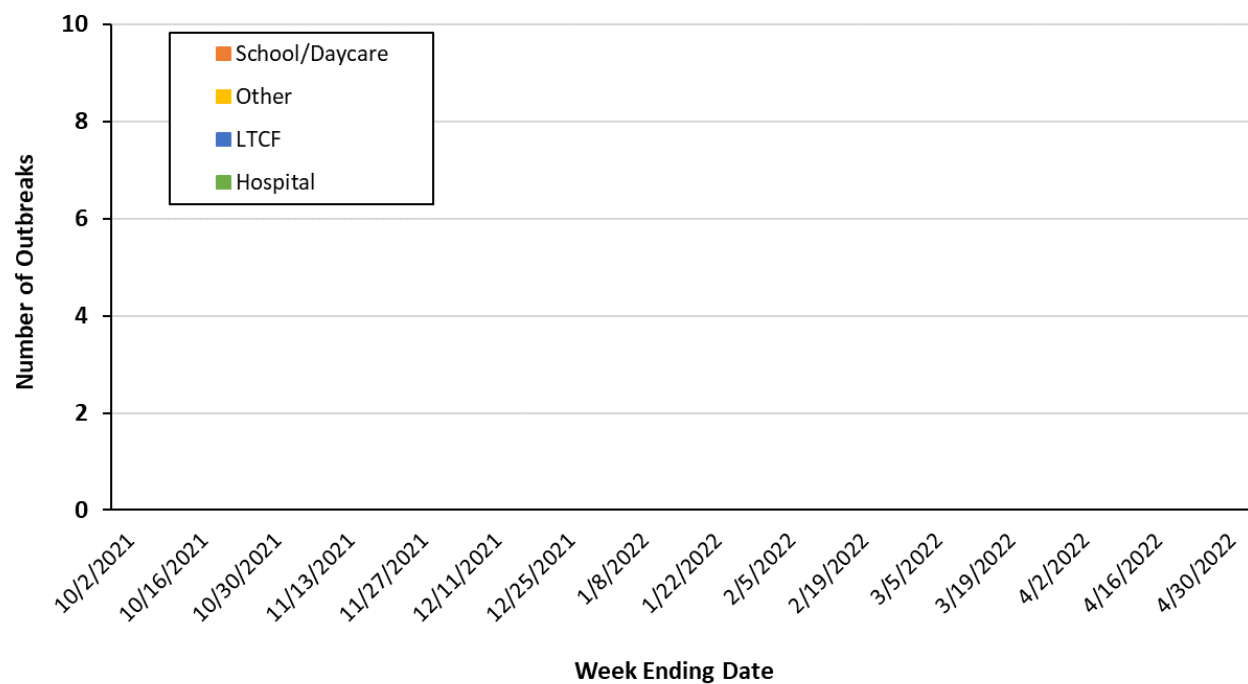
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were two influenza-associated hospitalization reported during week 8 of 2022. There have been seven reported hospitalizations during the 2021-2022 season.

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



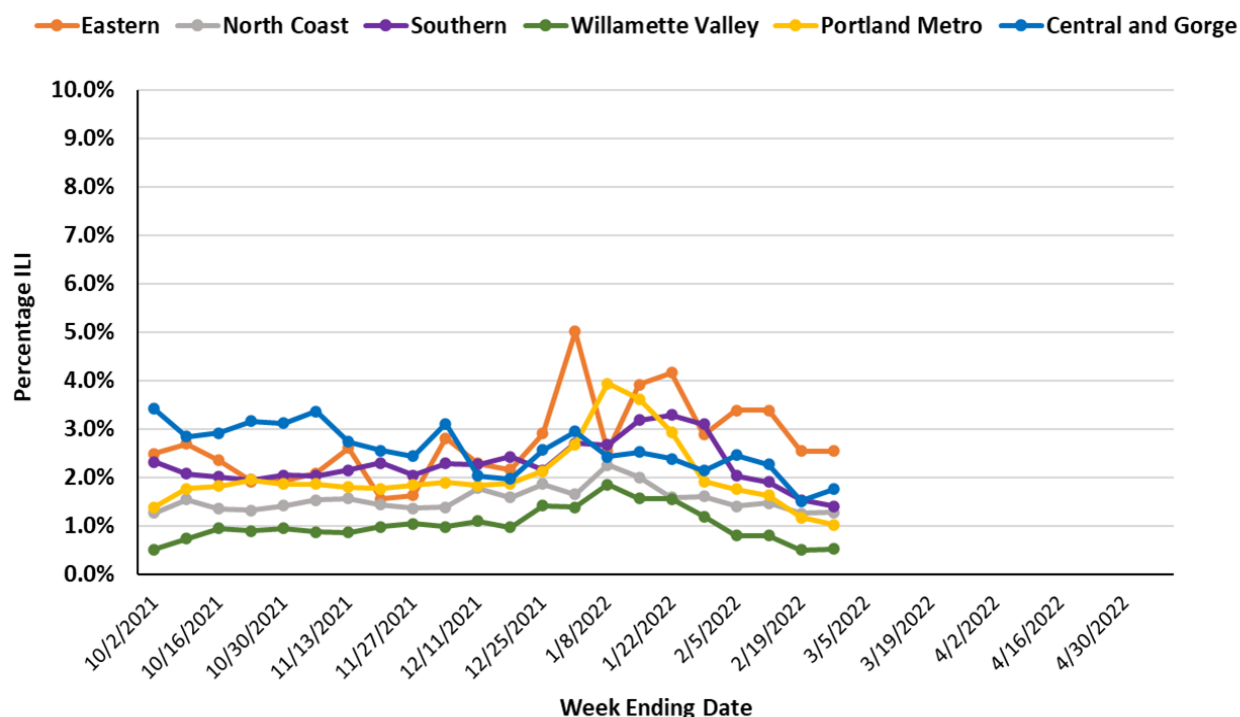
Influenza Outbreaks: There were no influenza outbreaks reported during week 8, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 8 of 2022 was 1.2%. Regionally, the percent was highest in the Eastern Oregon region (2.5%) and lowest in the Willamette Valley (0.5%).

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



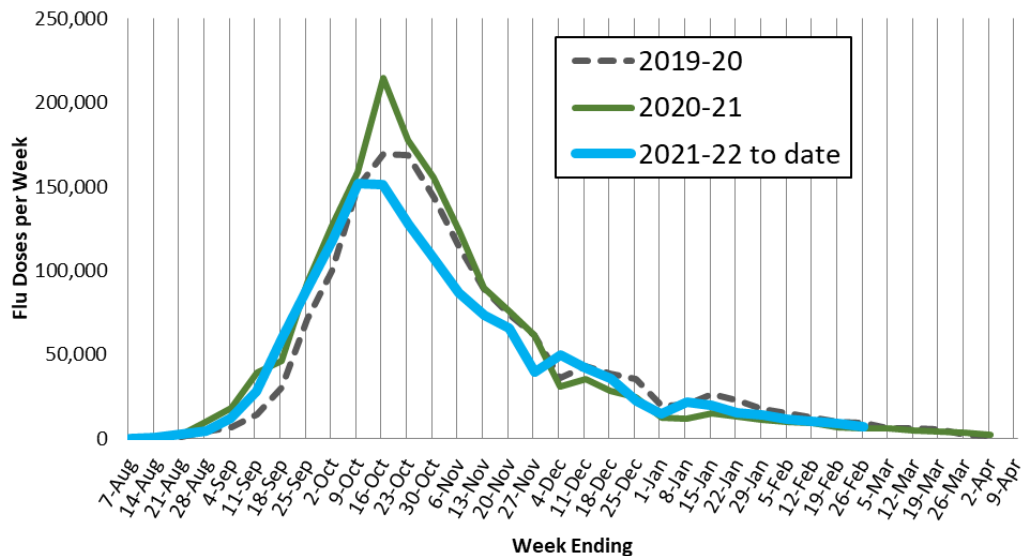
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 8, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

Through March 4th, over 7,000 influenza immunizations per week were still being given in Oregon. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.39 million Oregonians this season. The table below presents a breakdown of vaccine types given to adults this season. For non-senior adults, a concern about potential loss of effectiveness in egg-based vaccines has driven some market share to cell-based and recombinant vaccines. However the bulk of non-senior adult immunization remains in egg-based quadrivalent vaccines, manufactured to standards by a number of brands. Among seniors, the higher risk of failing to adequately seroconvert to standard vaccines has spurred usage of either high-dose or adjuvanted vaccines.

Table 2: Oregon Adult Influenza Immunization by Age and Type in the 2021-22 Season

Type	18-49yr	50-64yr	65yr+
Adjuvanted	0.2%	0.6%	19.1%
Cell-based	7.8%	7.6%	1.1%
High-dose	0.2%	1.6%	67.4%
Standard Quadrivalent	84.2%	78.2%	10.2%
Recombinant	7.1%	11.5%	2.0%
Standard Trivalent	0.4%	0.5%	0.3%

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

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

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 4.1% 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](#)

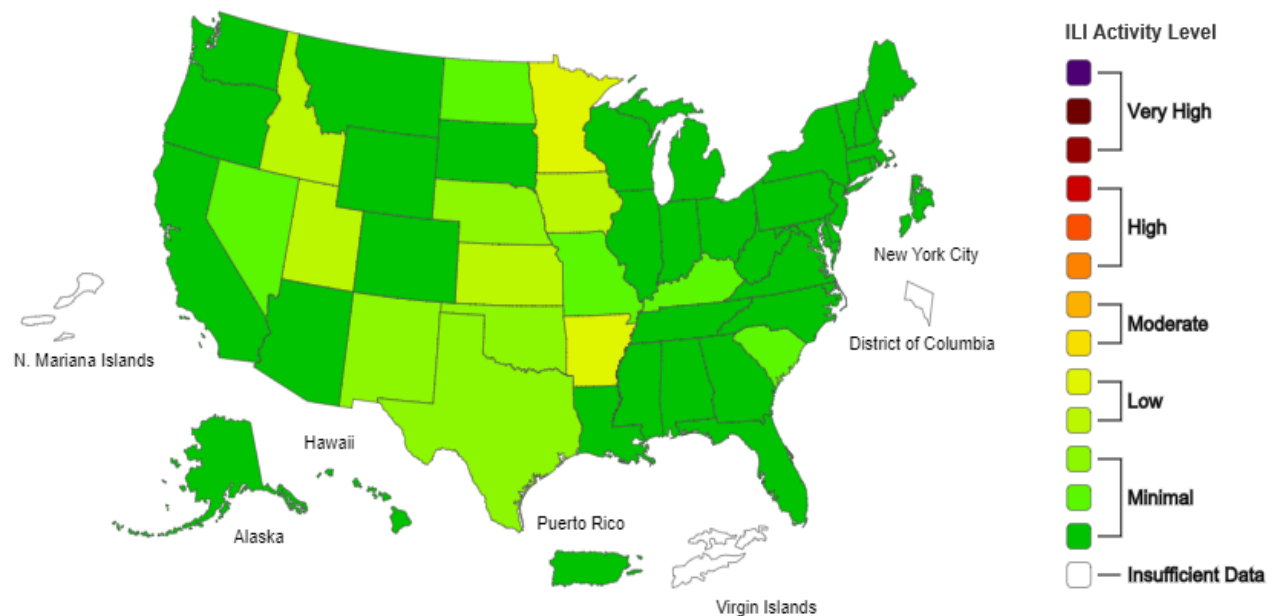
Illness

- **ILINet Outpatient Illness:** Nationwide during week 8, 1.5% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 0 jurisdiction experienced moderate activity and 0 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 5.3 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,504 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on March 3rd, 2022 16.7% of the deaths that occurred during the week ending February 26th, 2022 (week 8), 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:** 2 influenza related deaths were reported this week. 8 influenza-associated pediatric death has occurred during the 2021-2022 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 25th, 2022

Data at a Glance February 13th - February 19th 2022 (Week 7)

	Current Week (7)	Previous Week (6)
Percentage of emergency department visits for ILI ¹	0.7%	0.9%
Percentage positive influenza tests ²	1.5%	0.6%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	3.5%	2.9%

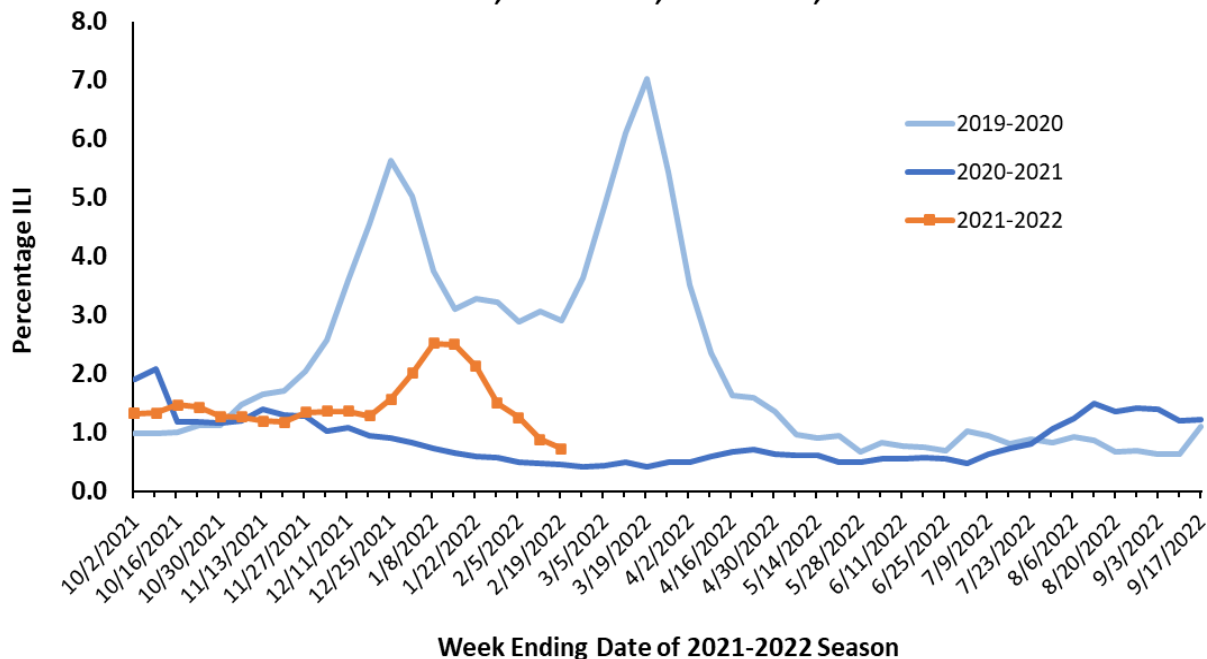
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.7% during week 7, 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 1.5% of specimens tested at Oregon labs were positive for influenza during week 7, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

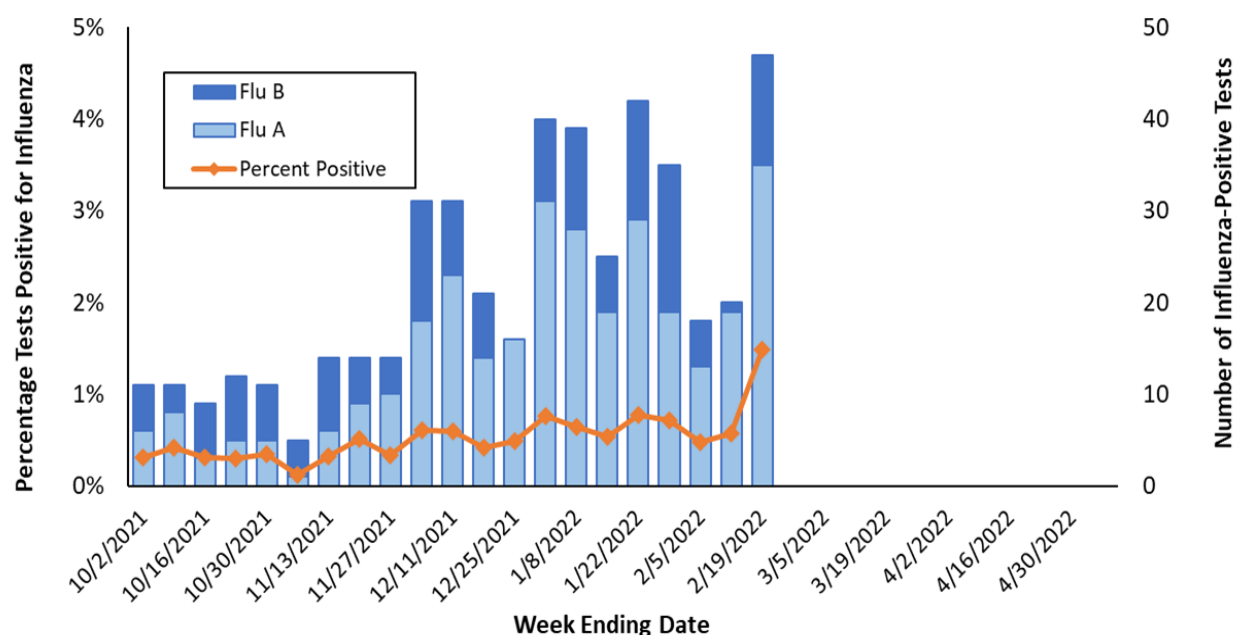
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

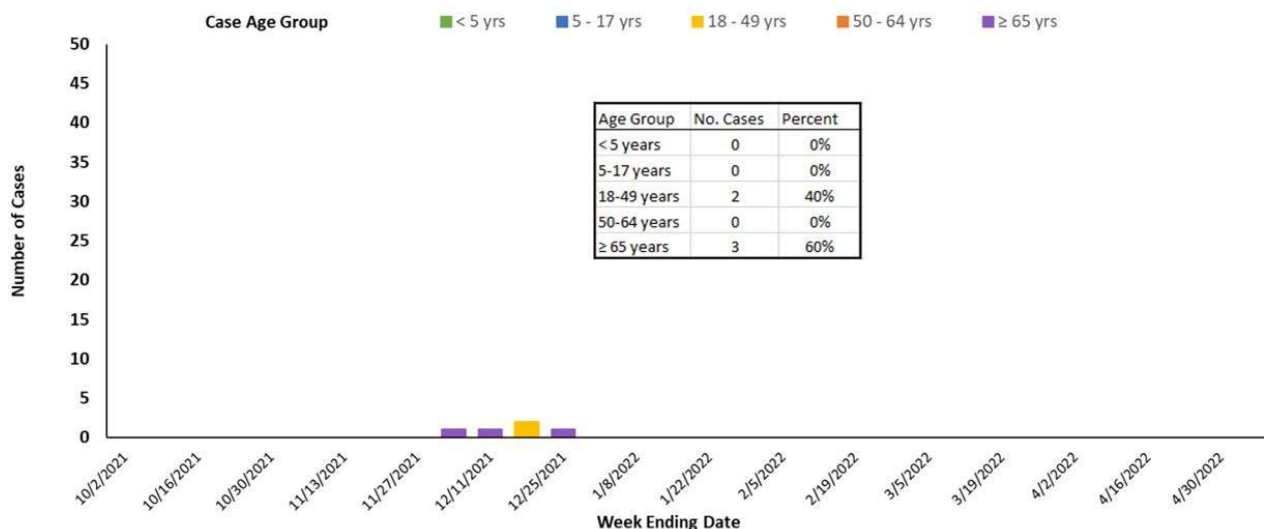
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1005	2	0.2%	2	100.0%	0	0.0%
Southern Oregon	890	17	1.9%	17	100.0%	0	0.0%
Columbia Gorge	216	15	6.9%	14	93.3%	1	6.7%
Central Oregon	620	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	426	13	3.1%	2	15.4%	11	84.6%
State Total	3157	47	1.5%	35	74.5%	12	25.5%

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



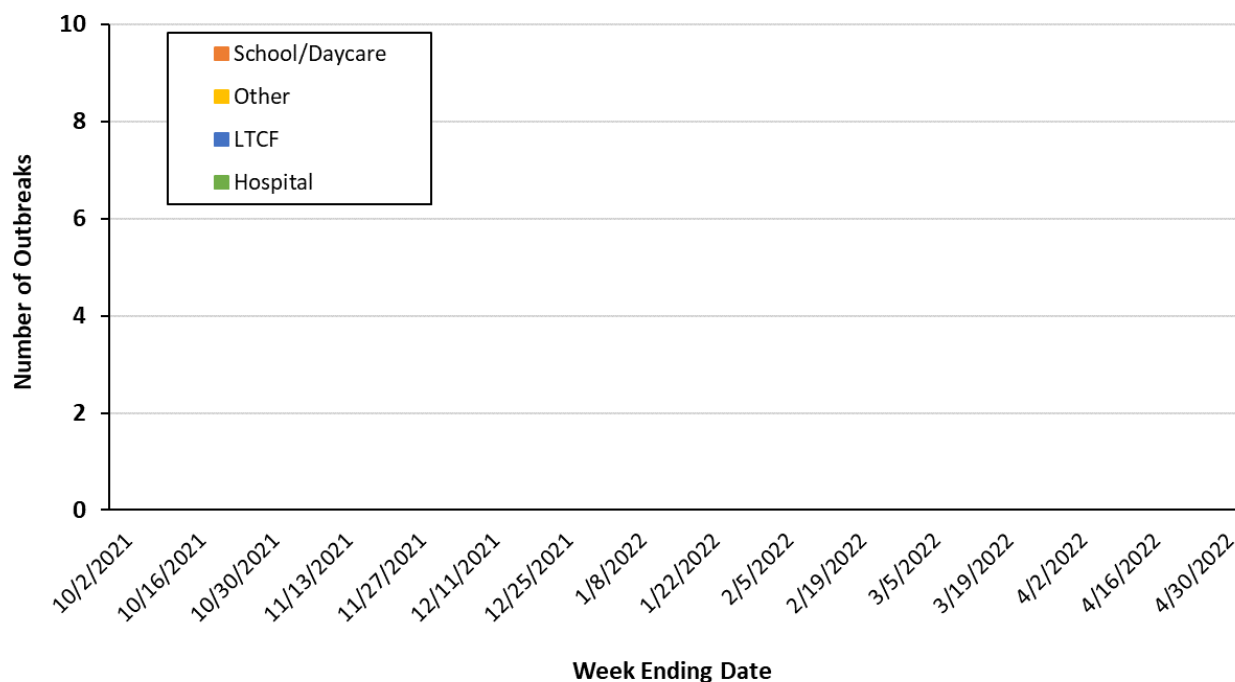
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 7 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



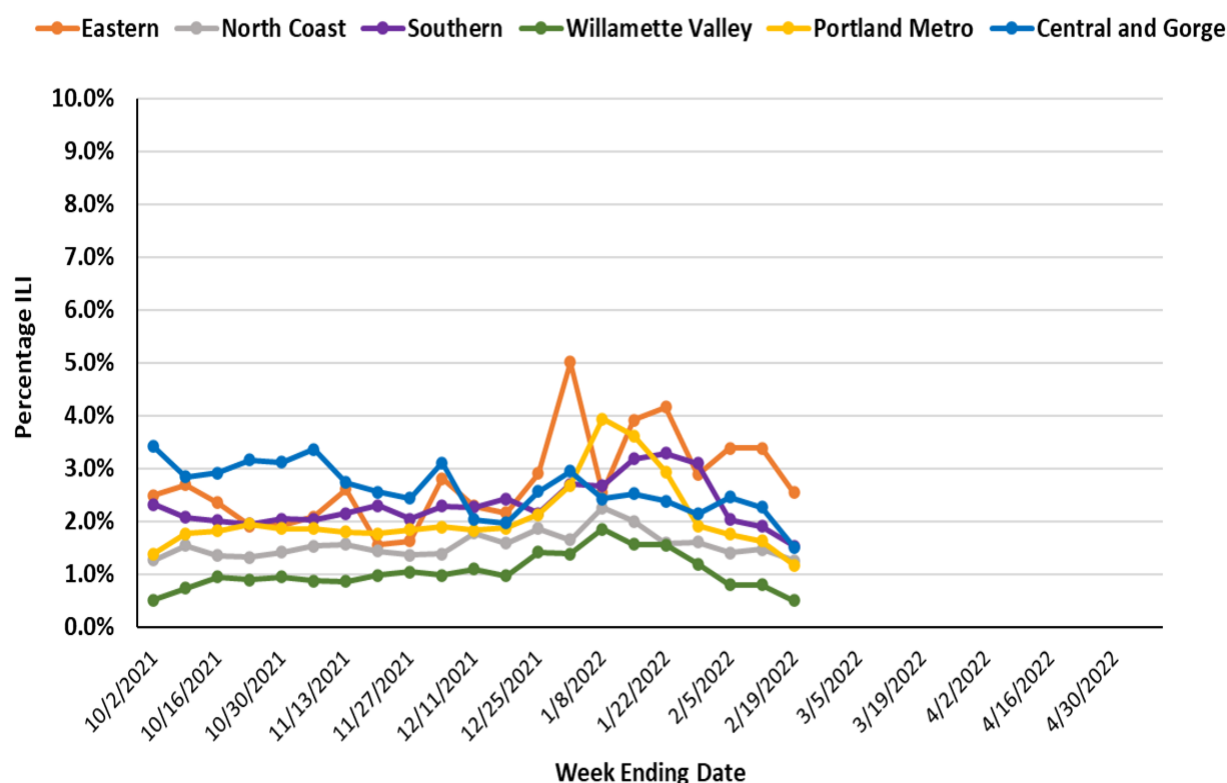
Influenza Outbreaks: There were no influenza outbreaks reported during week 7, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 7 of 2022 was 1.2%. Regionally, the percent was highest in the Eastern Oregon region (2.5%) and lowest in the Willamette Valley (0.5%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 7, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

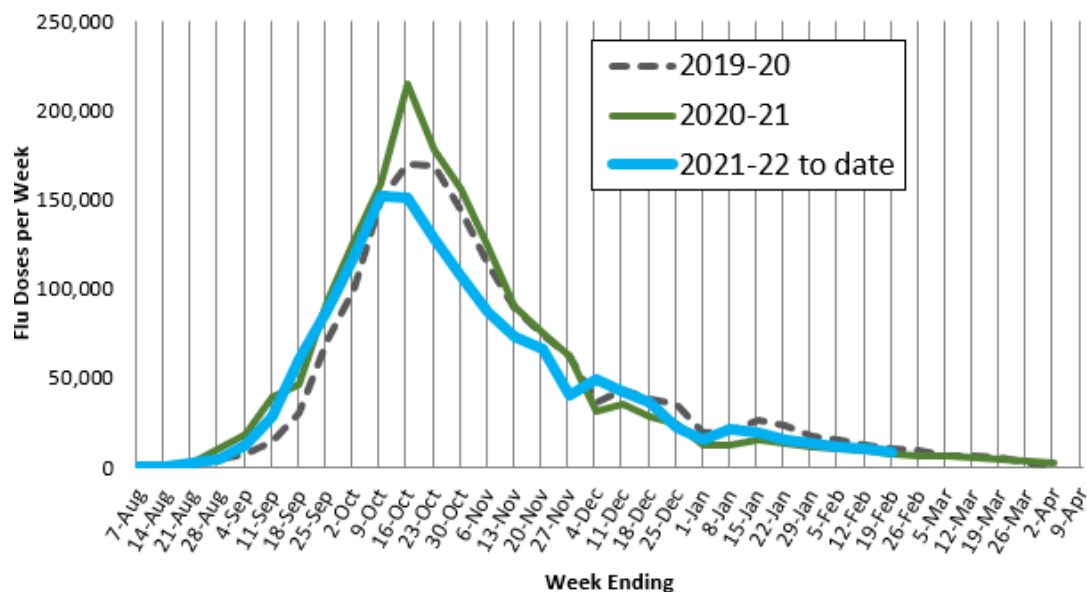
Vaccination information:

As of February 25th of 2022, the rate of new influenza immunizations continues to decline. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.38 million Oregonians. Influenza immunization is encouraged for women who are or will be pregnant during influenza season- and this should continue going forward into the spring. For this week, a comparison from last season to this season is included for influenza immunizations by provider type among women age 18 to 45. Overall the number of influenza immunizations for this age group is down by 13% when compared to last season.

Table 2: Influenza Immunizations Among Women Age 18-45, as of Feb. 21st

Setting	Year	
	2020-2021	2021-2022
OB-GYN	11,632	10,112
Pharmacy	67,820	56,547
Private Practice	120,317	106,500

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



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

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 4.2% 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](#)

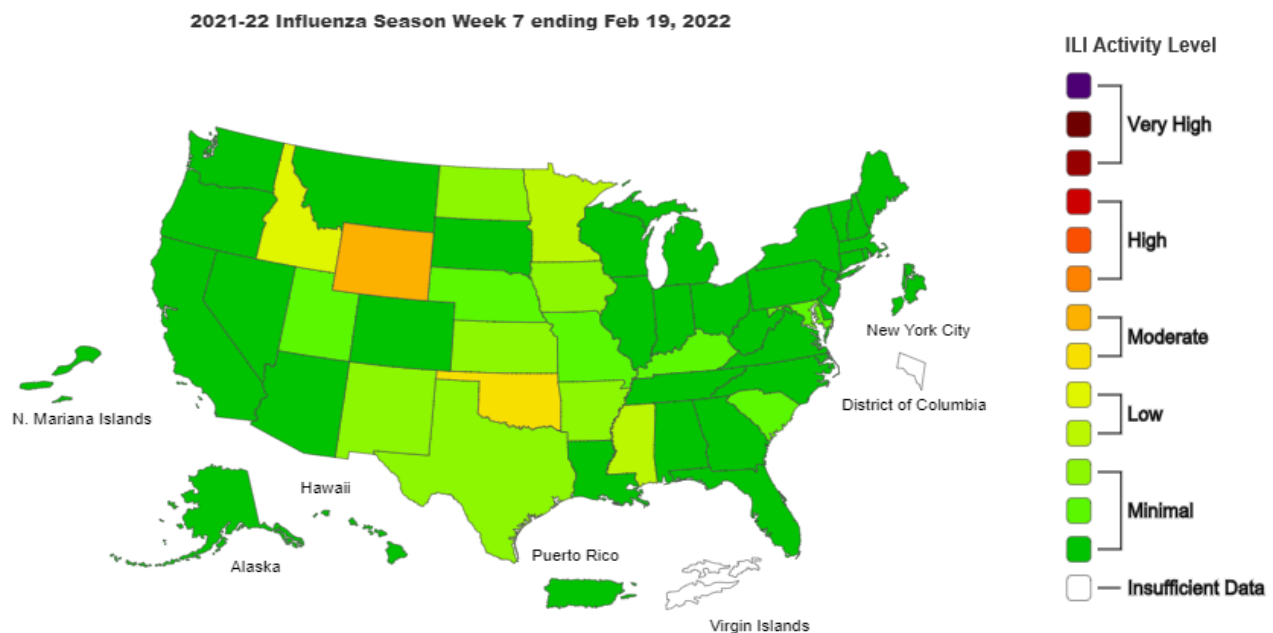
Illness

- **ILINet Outpatient Illness:** Nationwide during week 7, 1.5% of visits to a health care provider are for respiratory illness. This percentage is below the national baseline.
- **ILINet Activity Map:** This week, 2 jurisdiction experienced moderate activity and 0 jurisdiction 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:** 4.9 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,420 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on February 25th, 2022 20.4% of the deaths that occurred during the week ending February 19th, 2022 (week 7), 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:** 1 influenza related deaths were reported this week. 6 influenza-associated pediatric death has occurred during the 2021-2022 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 18th, 2022

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

	Current Week (6)	Previous Week (5)
Percentage of emergency department visits for ILI ¹	0.9%	1.3%
Percentage positive influenza tests ²	0.6%	0.5%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	2.9%	3.3%

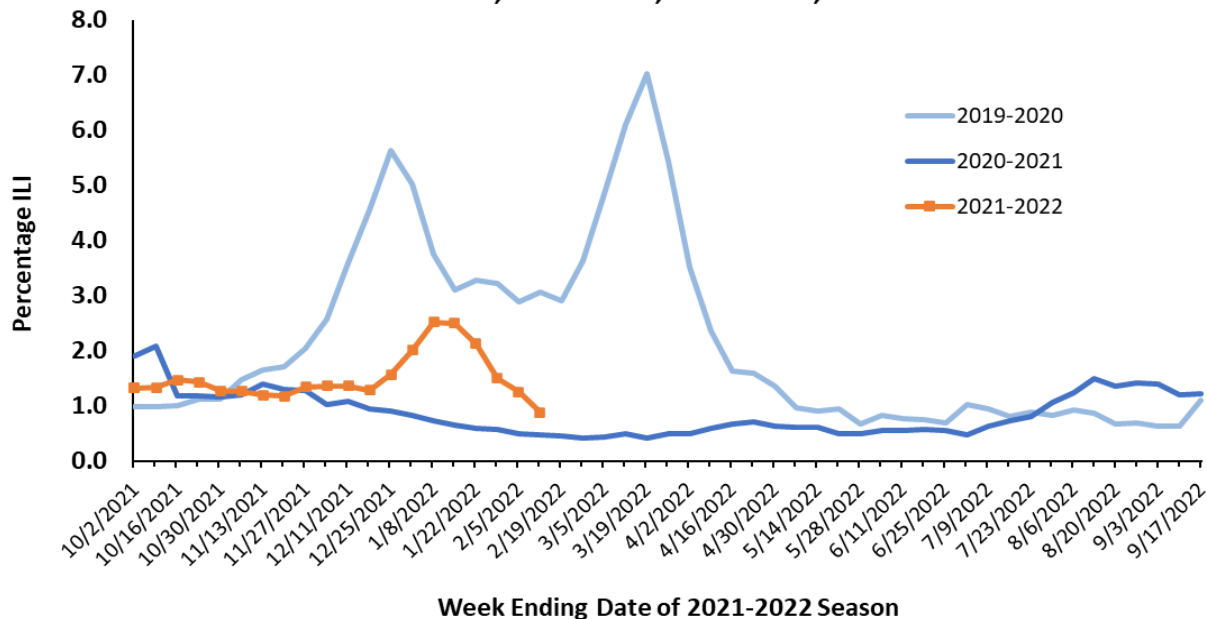
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 0.9% during week 6, 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 6, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

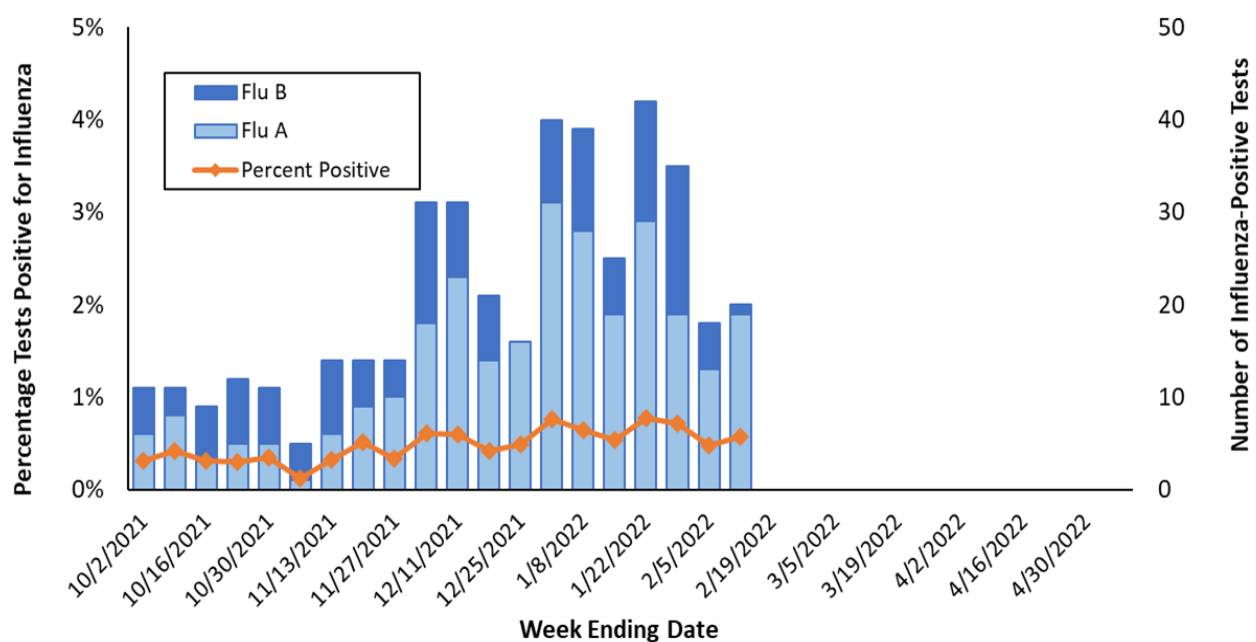
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

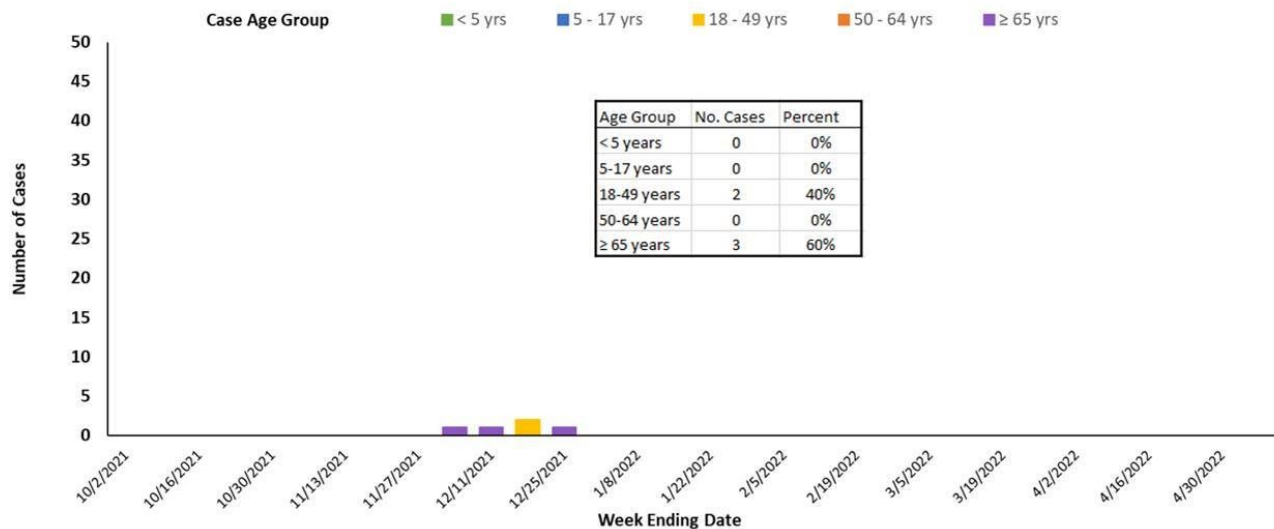
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1457	2	0.1%	1	50.0%	1	50.0%
Southern Oregon	684	11	1.6%	11	100.0%	0	0.0%
Columbia Gorge	235	5	2.1%	5	100.0%	0	0.0%
Central Oregon	702	2	0.3%	2	100.0%	0	0.0%
Willamette Valley	406	0	0.0%	0	0.0%	0	0.0%
State Total	3484	20	0.6%	19	95.0%	1	5.0%

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



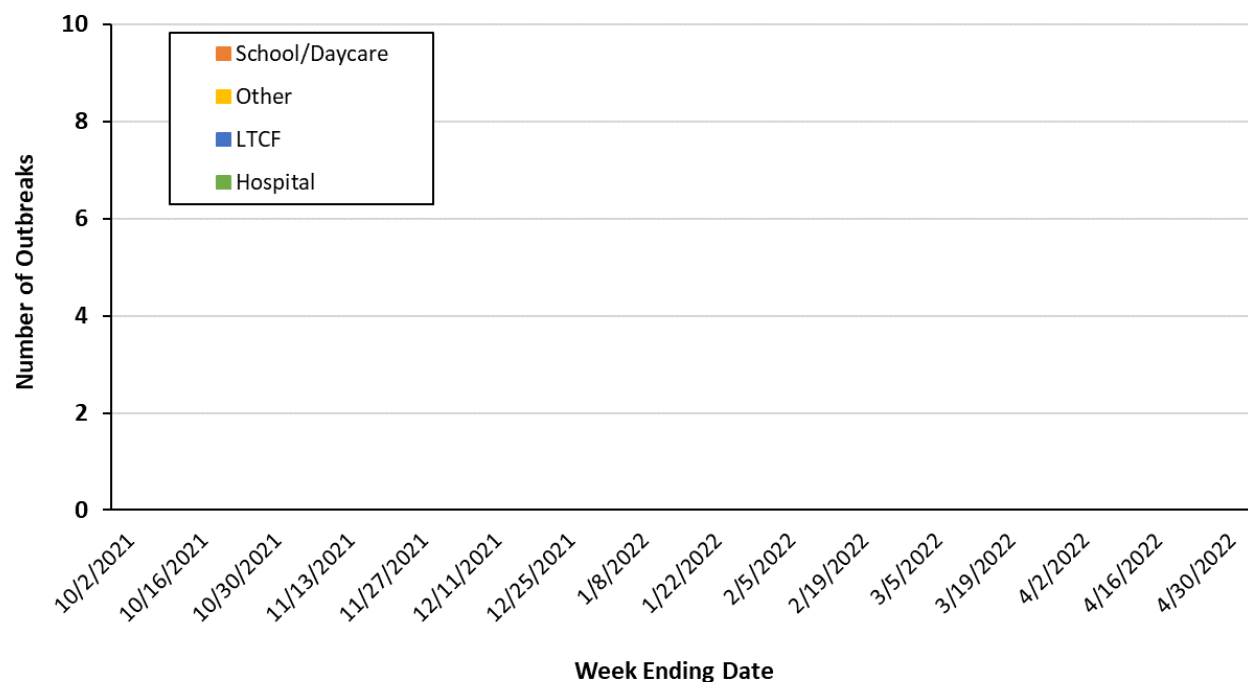
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 6 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



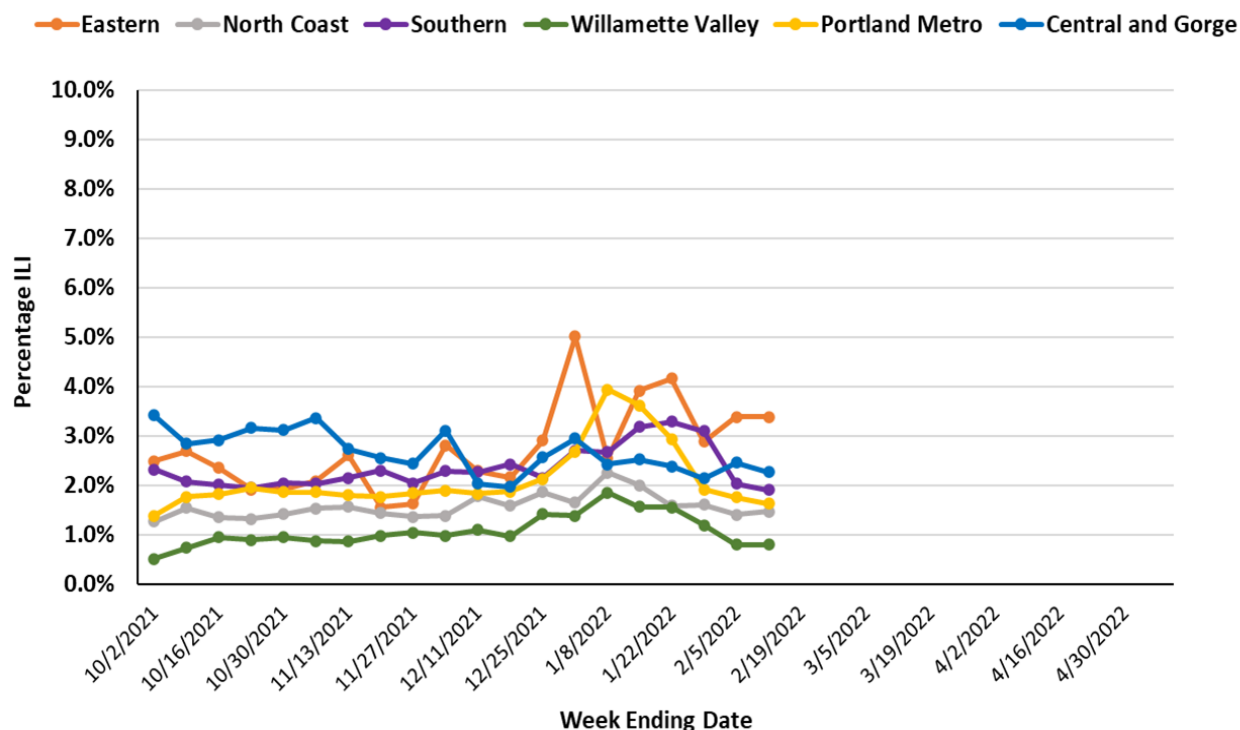
Influenza Outbreaks: There were no influenza outbreaks reported during week 6, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 6 of 2022 was 1.6%. Regionally, the percent was highest in the Eastern Oregon region (3.4%) and lowest in the Willamette Valley (0.8%).

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

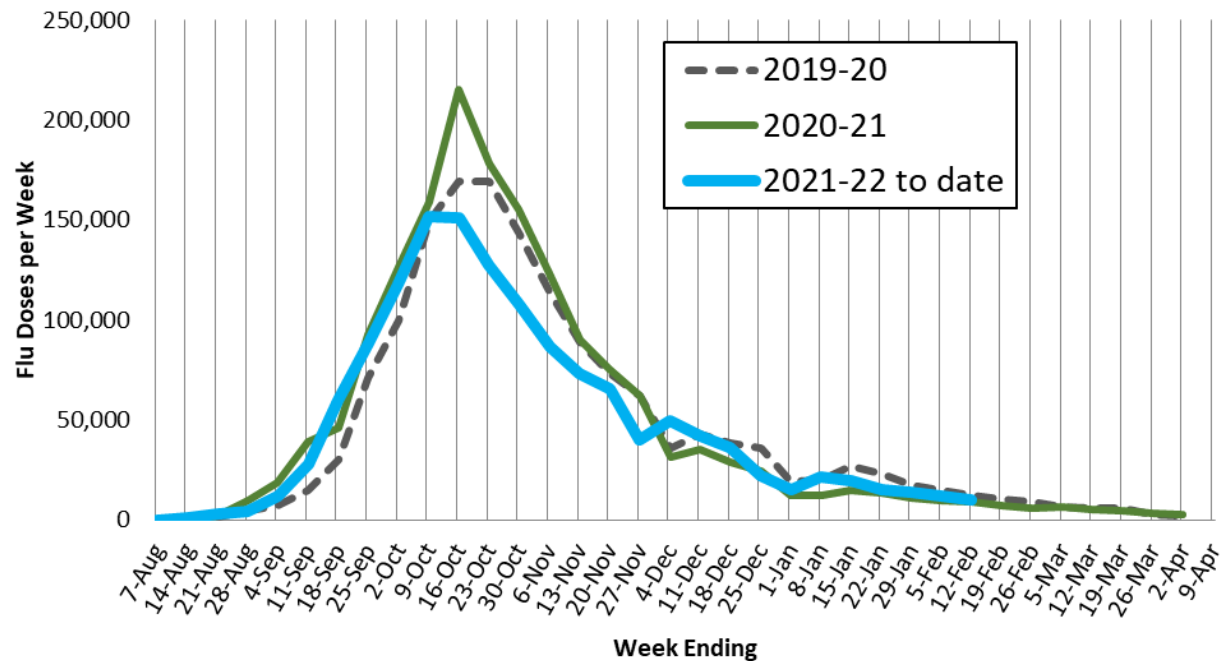


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 6, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

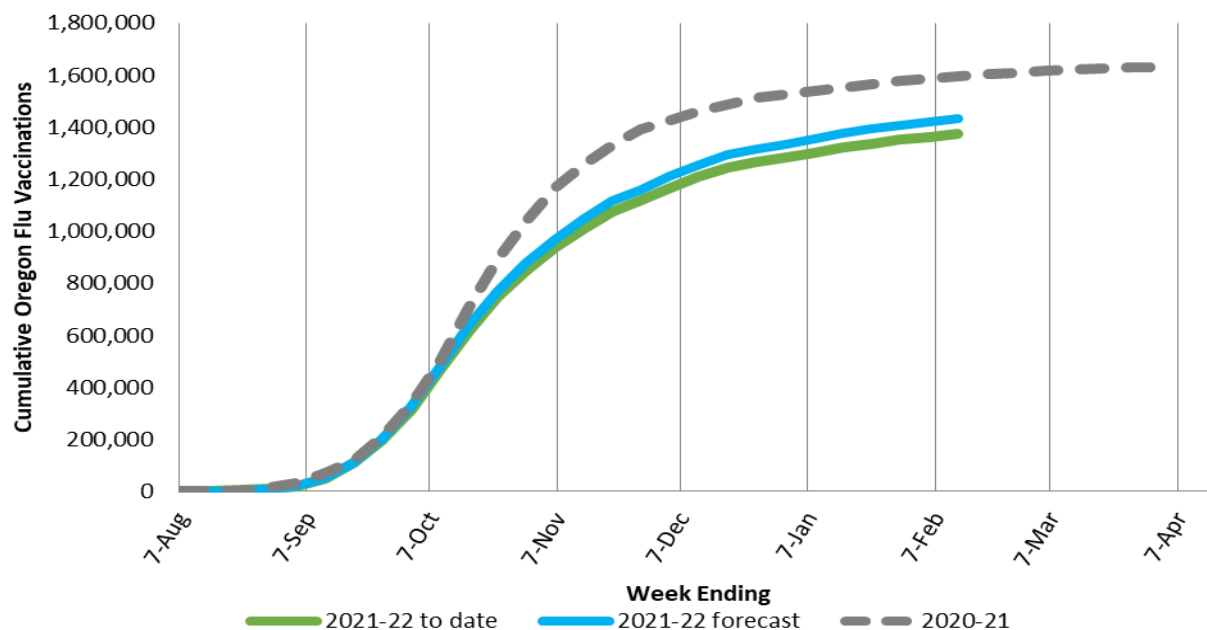
Vaccination information:

As of February 18th of 2022, weekly influenza immunizations continue to be given to Oregonians. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.37 million Oregonians.

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



2021-22 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



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 3.0% 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](#)

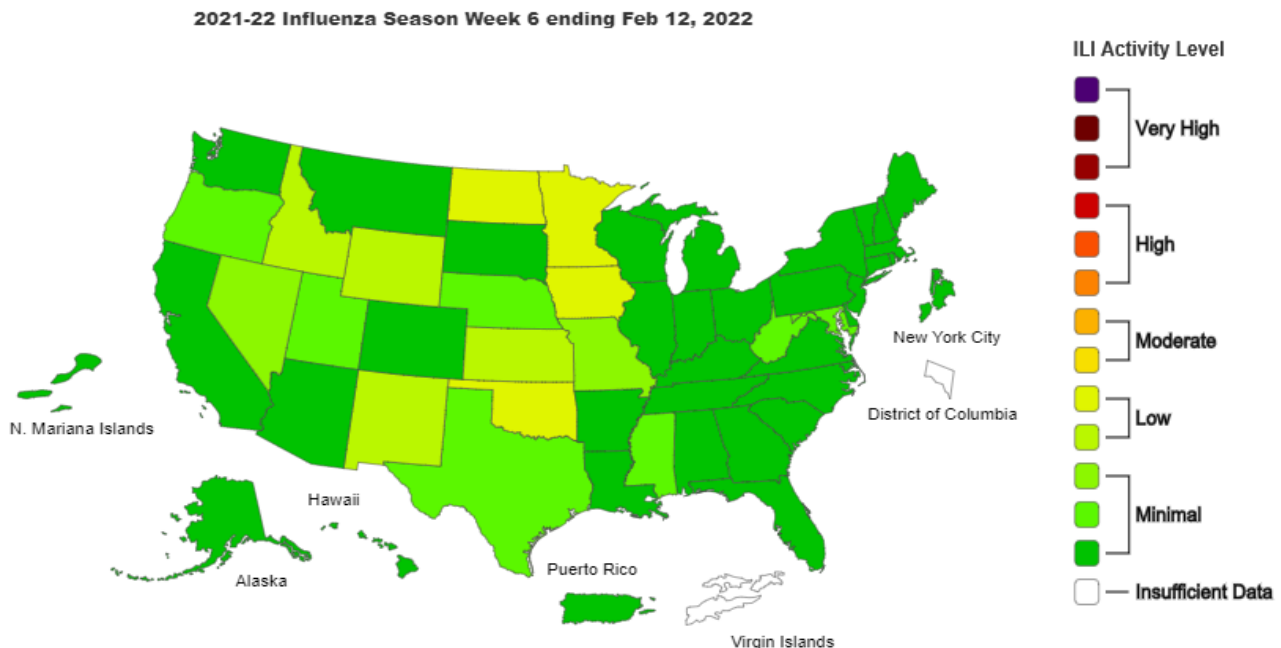
Illness

- **ILINet Outpatient Illness:** Nationwide during week 6, 1.4% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 0 jurisdiction experienced moderate activity and 0 jurisdiction 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:** 4.7 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,073 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on February 18th, 2022 22.6% of the deaths that occurred during the week ending February 12th, 2022 (week 6), 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:** 0 influenza related deaths were reported this week. 5 influenza-associated pediatric death has occurred during the 2021-2022 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 11th, 2022

Data at a Glance January 30th - February 5th 2022 (Week 5)

	Current Week (5)	Previous Week (4)
Percentage of emergency department visits for ILI ¹	1.3%	1.5%
Percentage positive influenza tests ²	0.5%	0.7%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	3.3%	3.7%

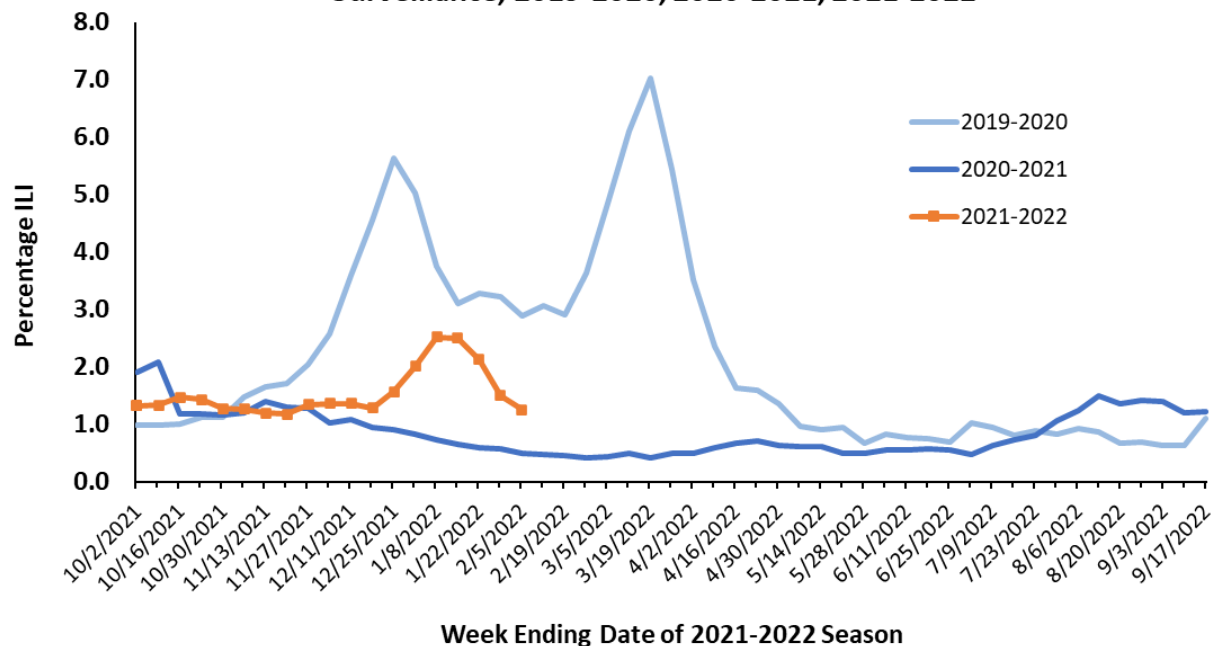
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 5, 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 5, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

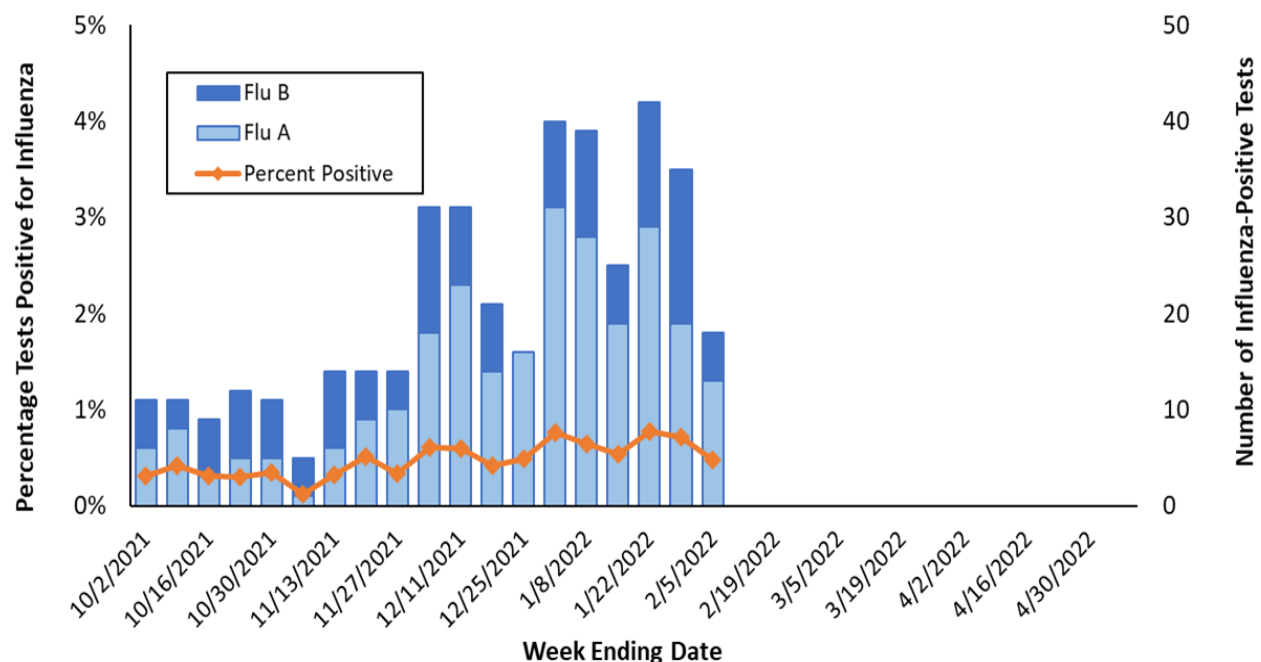
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

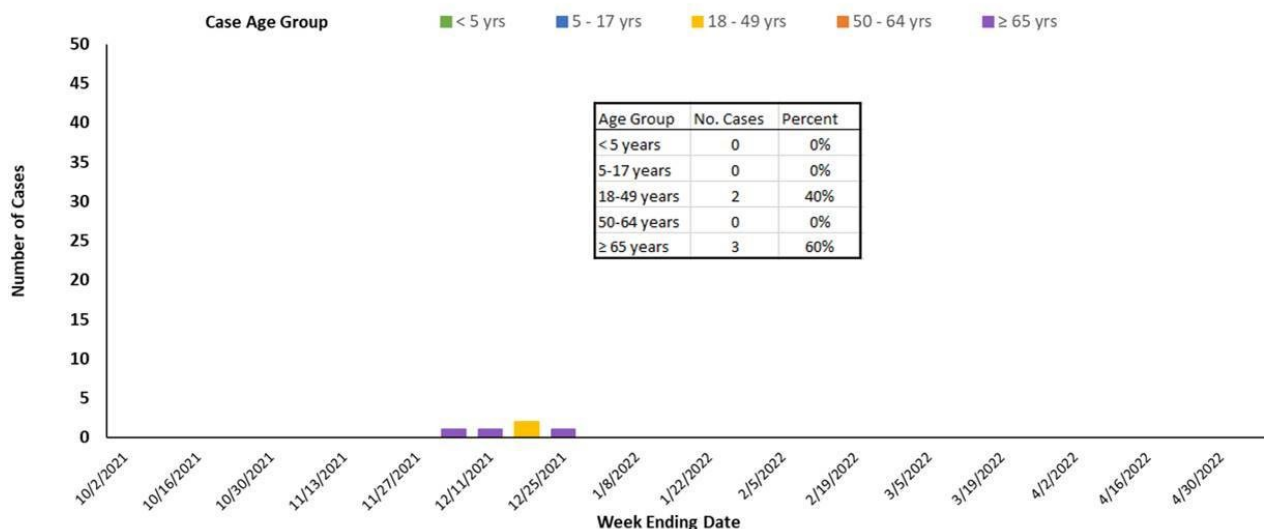
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1269	3	0.2%	3	100.0%	0	0.0%
Southern Oregon	1013	4	0.4%	4	100.0%	0	0.0%
Columbia Gorge	229	5	2.2%	5	100.0%	0	0.0%
Central Oregon	790	1	0.1%	1	100.0%	0	0.0%
Willamette Valley	502	5	1.0%	0	0.0%	5	100.0%
State Total	3803	18	0.5%	13	72.2%	5	27.8%

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



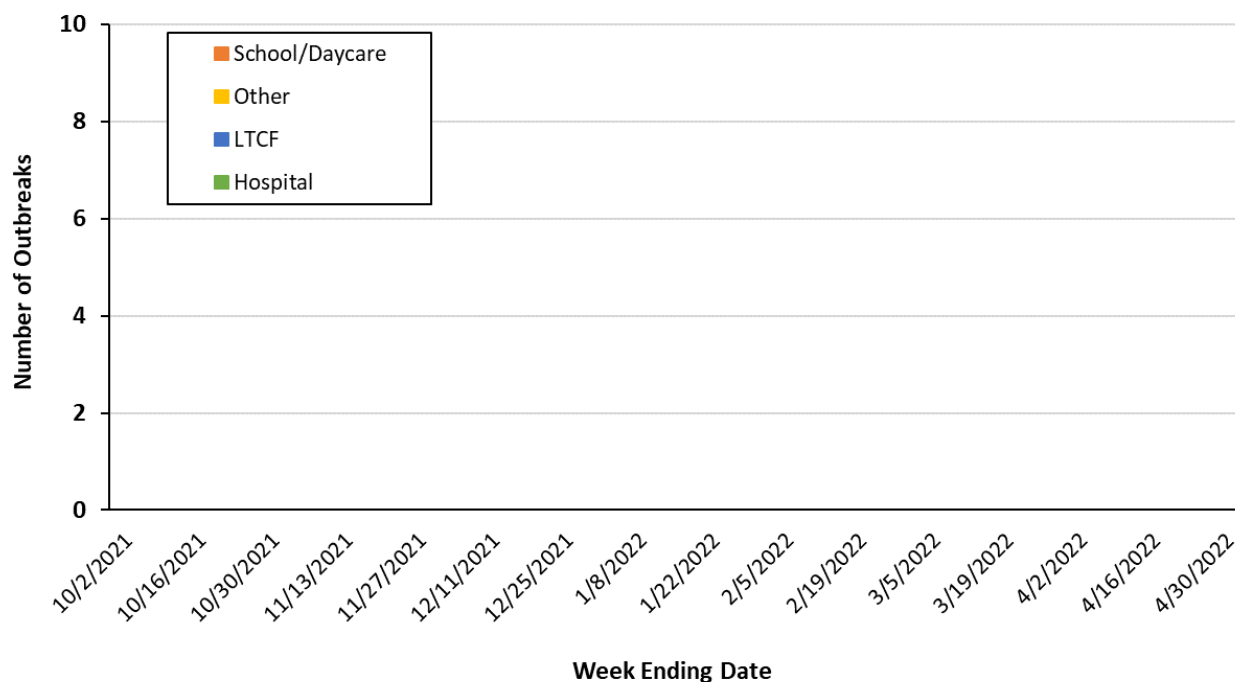
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 5 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



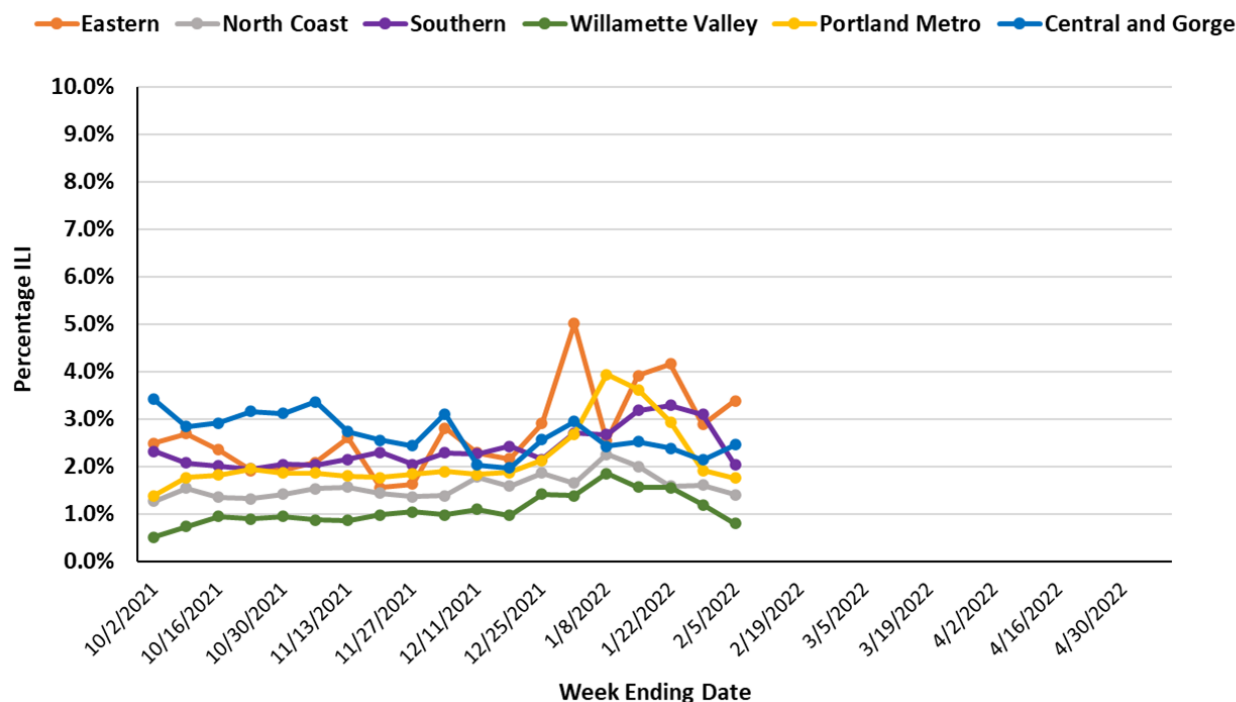
Influenza Outbreaks: There were no influenza outbreaks reported during week 5, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 5 of 2022 was 1.7%. Regionally, the percent was highest in the Eastern Oregon region (3.4%) and lowest in the Willamette Valley (0.8%).

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

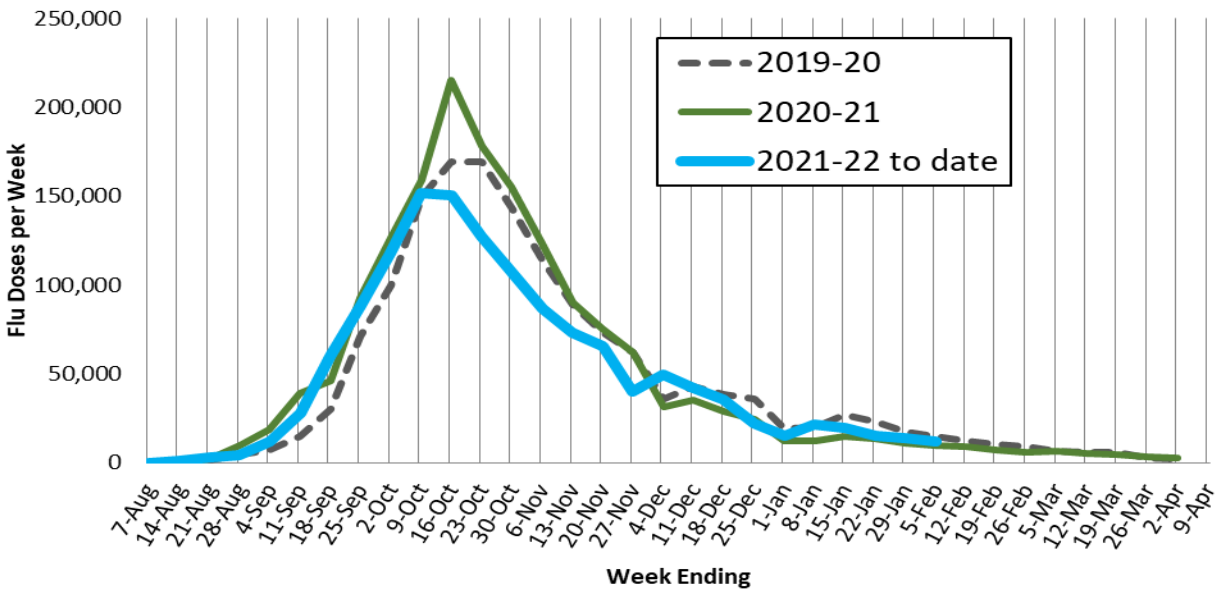


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 5, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

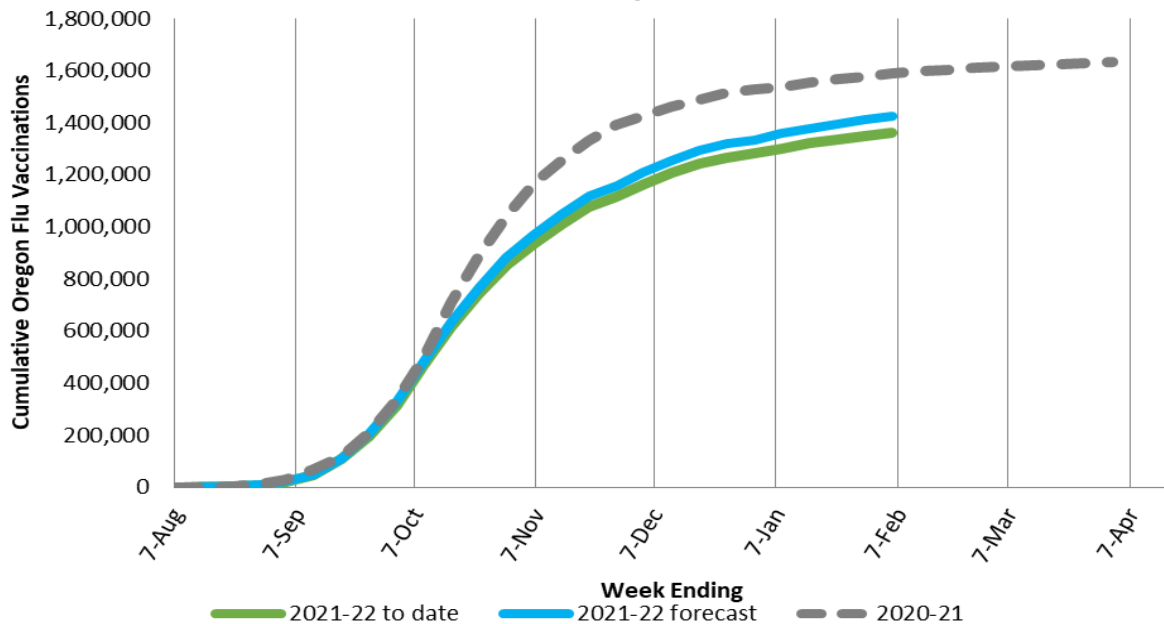
Vaccination information:

As of February 11th of 2022, weekly influenza immunization seeking is continuing to decline. It is not likely that any further upward spikes in influenza immunization will occur this season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.36 million Oregonians.

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



2021-22 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



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 2.0% 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](#)

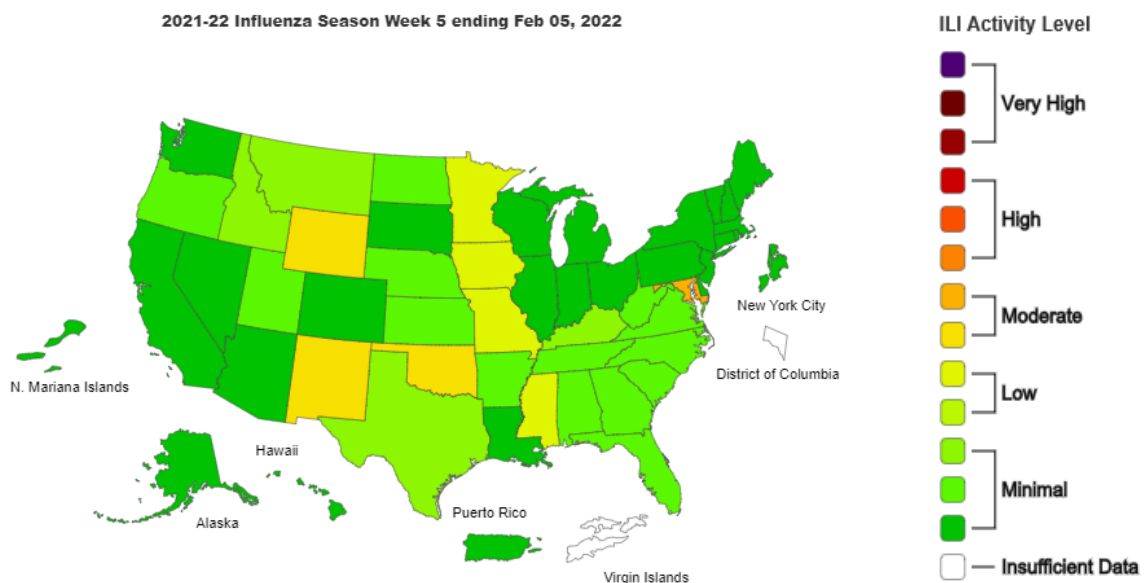
Illness

- **ILINet Outpatient Illness:** Nationwide during week 5, 1.7% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 4 jurisdiction experienced moderate activity and 0 jurisdiction 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:** 4.5 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 993 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on February 4th, 2022 26.3 of the deaths that occurred during the week ending February 5th, 2022 (week 5), 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:** 0 influenza related deaths were reported this week. 5 influenza-associated pediatric death has occurred during the 2021-2022 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 4th, 2022

Data at a Glance January 23rd - January 29th 2022 (Week 4)

	Current Week (4)	Previous Week (3)
Percentage of emergency department visits for ILI ¹	1.5%	2.1%
Percentage positive influenza tests ²	0.7%	0.8%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	3.7%	4.8%

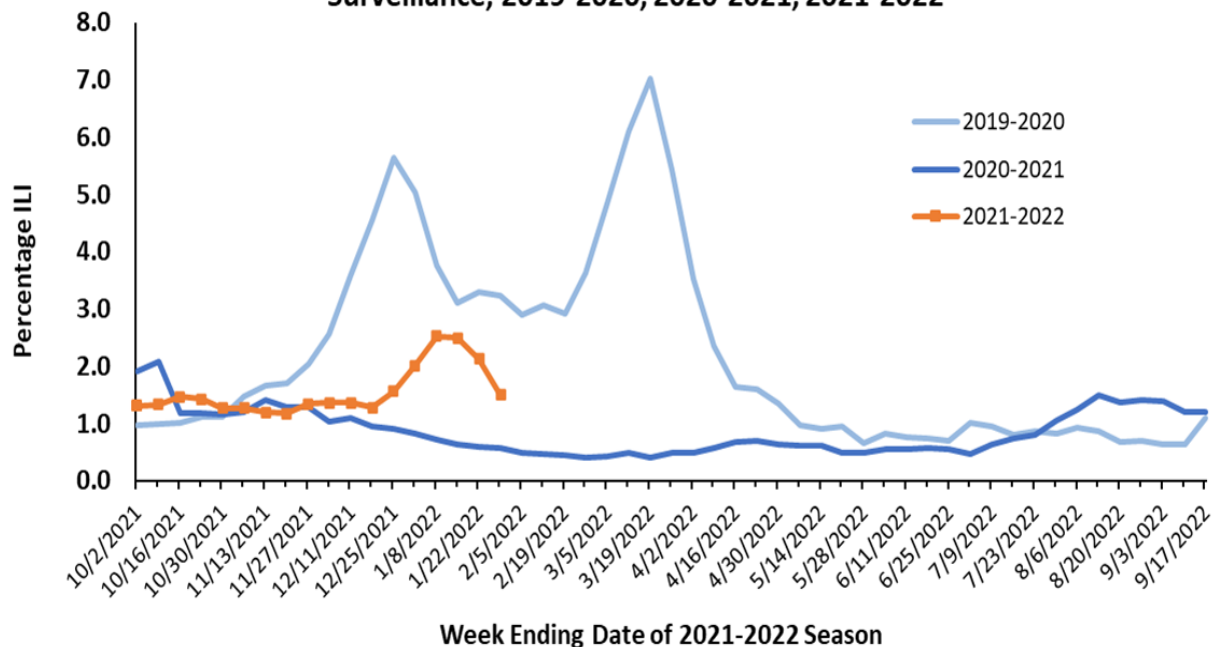
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.5% during week 4, 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 4, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

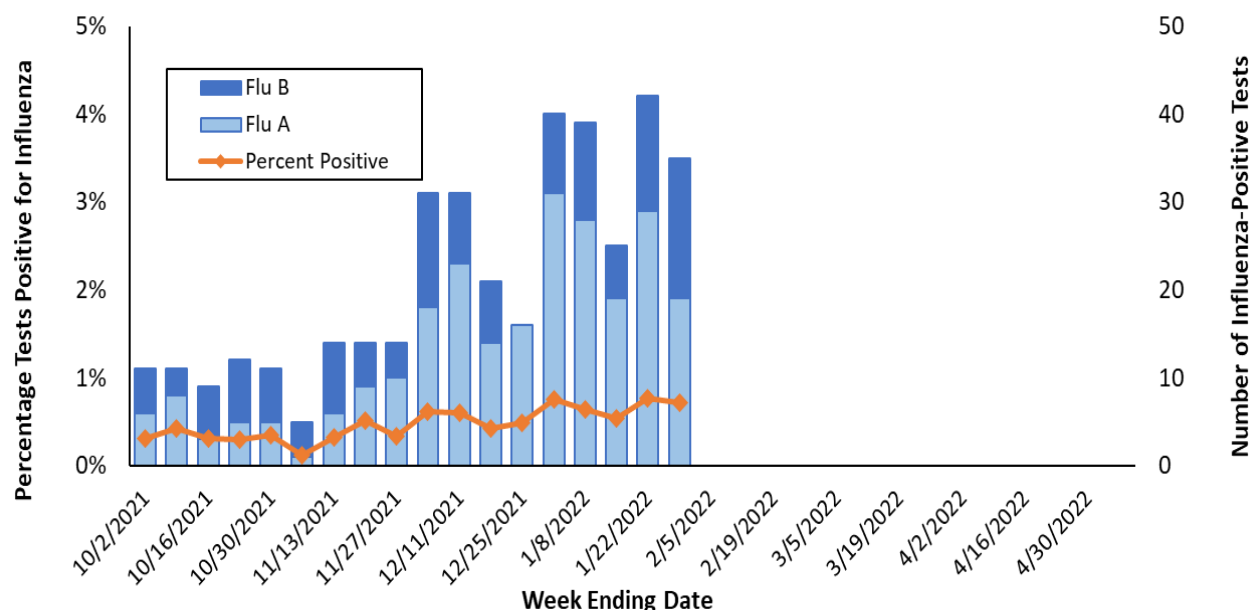
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

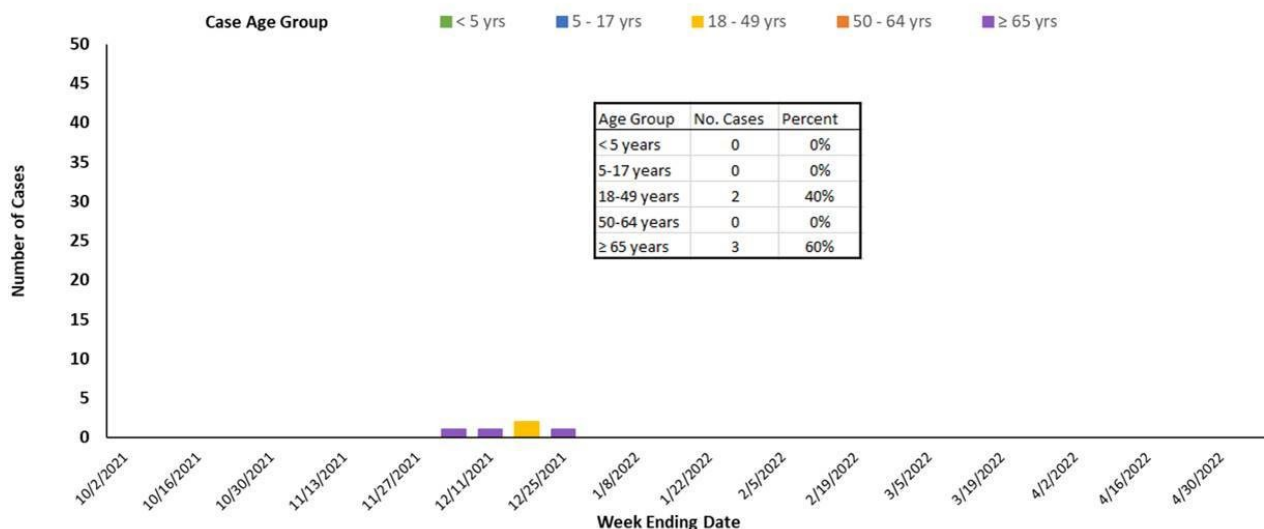
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1889	18	1.0%	11	61.1%	7	38.9%
Southern Oregon	1282	6	0.5%	6	100.0%	0	0.0%
Columbia Gorge	270	2	0.7%	2	100.0%	0	0.0%
Central Oregon	874	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	587	9	1.5%	0	0.0%	9	100.0%
State Total	4902	35	0.7%	19	54.3%	16	45.7%

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



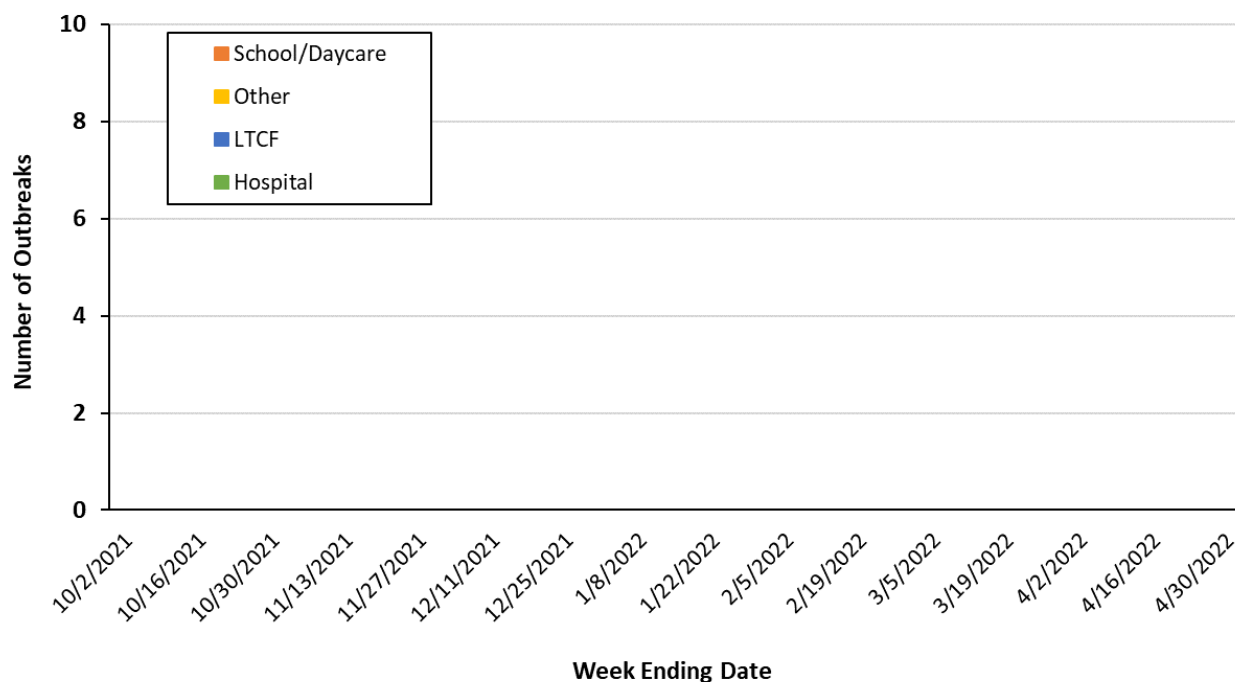
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 4 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



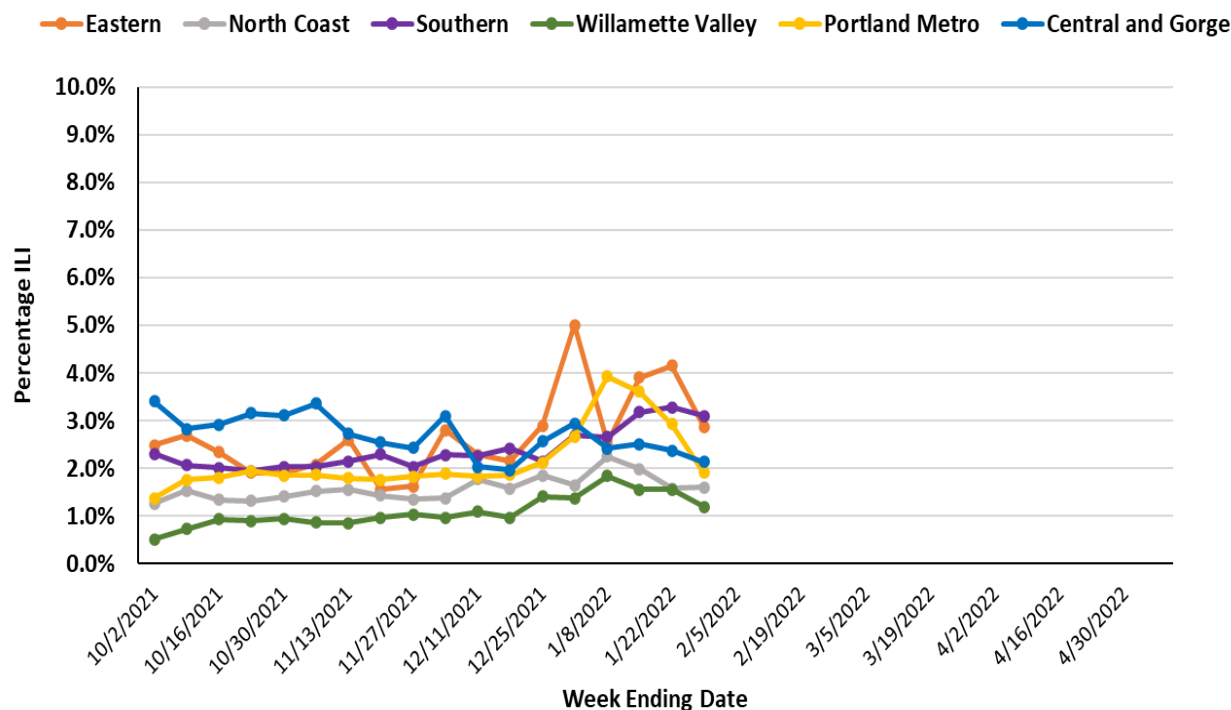
Influenza Outbreaks: There were no influenza outbreaks reported during week 4, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 4 of 2022 was 2.0%. Regionally, the percent was highest in the Southern Oregon region (3.1%) and lowest in the Willamette Valley (1.2%).

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

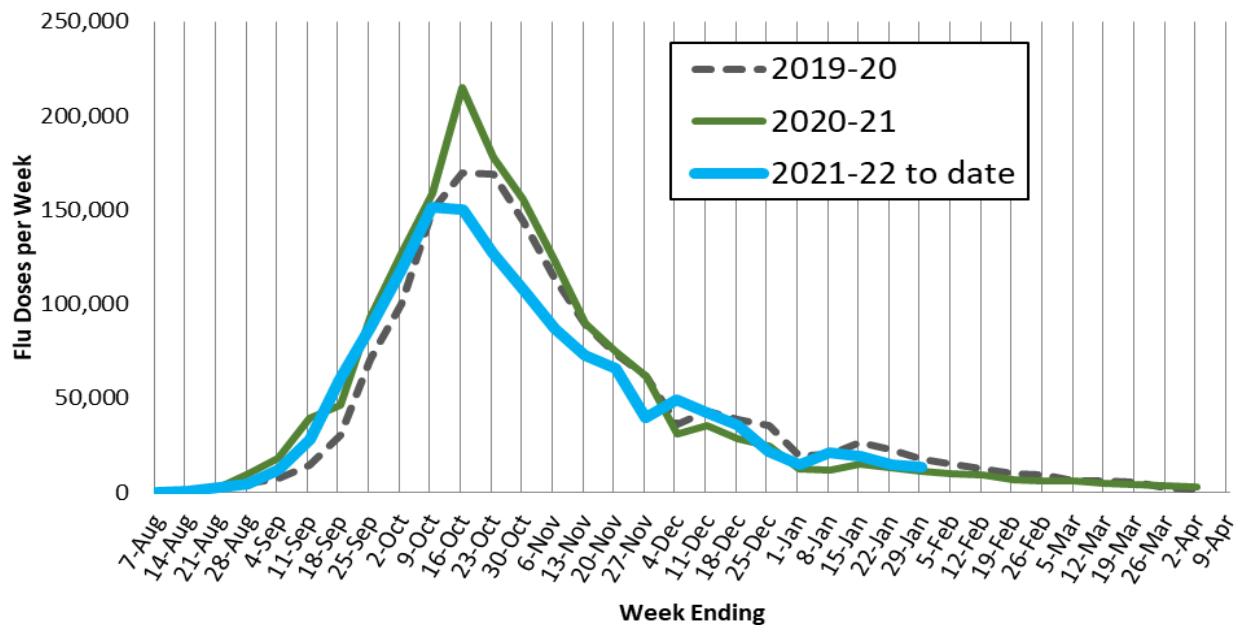


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 4, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

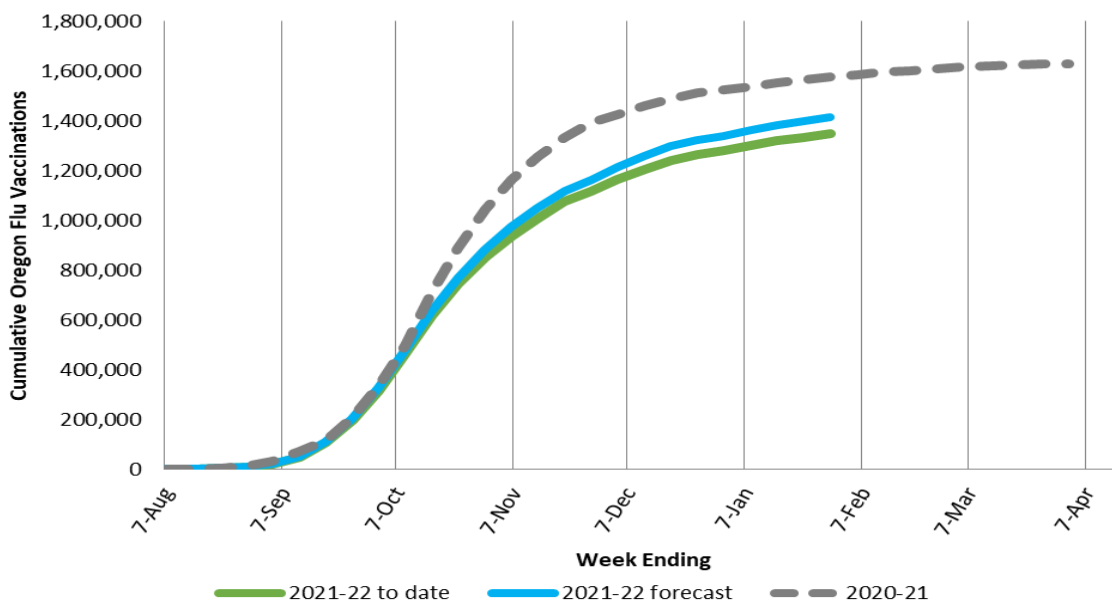
Vaccination information:

As of February 4th of 2022, Oregonians are continuing to seek influenza immunizations at a low rate consistent with prior seasons. This year, there was no substantial surge in immunizations in January, as sometimes happens in Oregon. Instead, the rate of new immunizations is continuing to decline each week as prior seasons would predict. Currently the rate of immunization among the unvaccinated is around $\frac{1}{2}$ of 1% per week and is expected to decline further each week. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.35 million Oregonians.

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



2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



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 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](#)

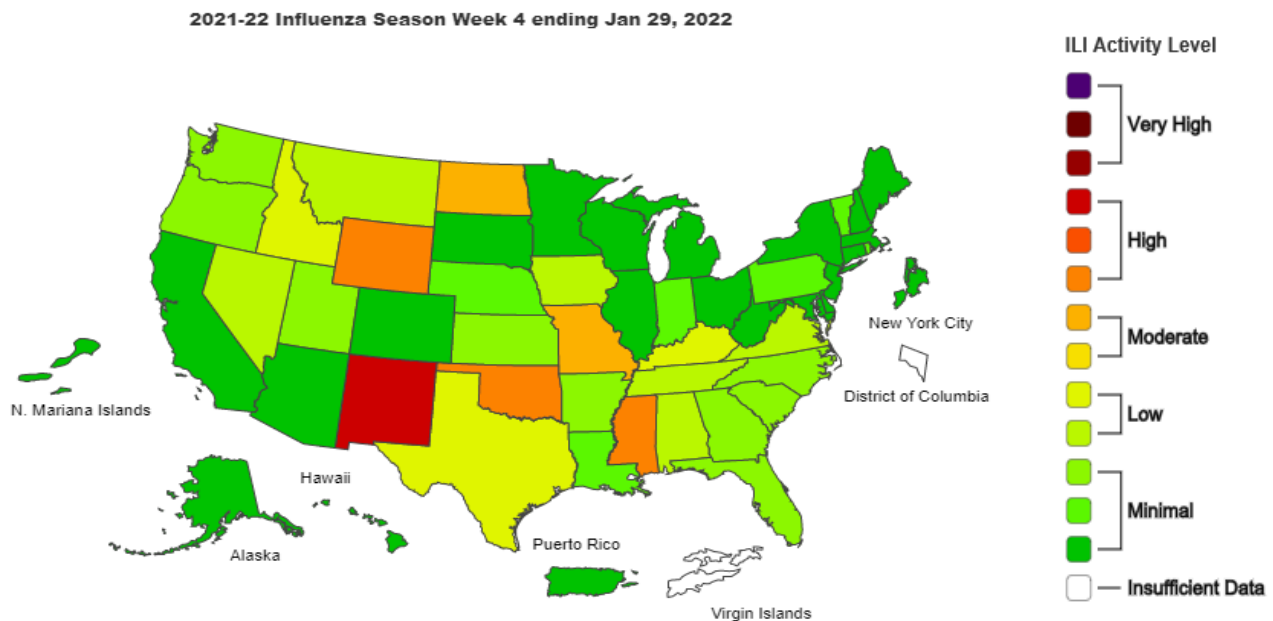
Illness

- **ILINet Outpatient Illness:** Nationwide during week 4, 2.0% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 2 jurisdiction experienced moderate activity and 4 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.5% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 4.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 827 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on February 4th, 2022 28.6% of the deaths that occurred during the week ending January 29th, 2022 (week 4), 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:** 0 influenza related deaths were reported this week. 5 influenza-associated pediatric death has occurred during the 2021-2022 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>

Data at a Glance January 16th - January 22nd 2022 (Week 3)

	Current Week (3)	Previous Week (2)
Percentage of emergency department visits for ILI ¹	2.1%	2.5%
Percentage positive influenza tests ²	0.8%	0.5%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	4.8%	7.0%

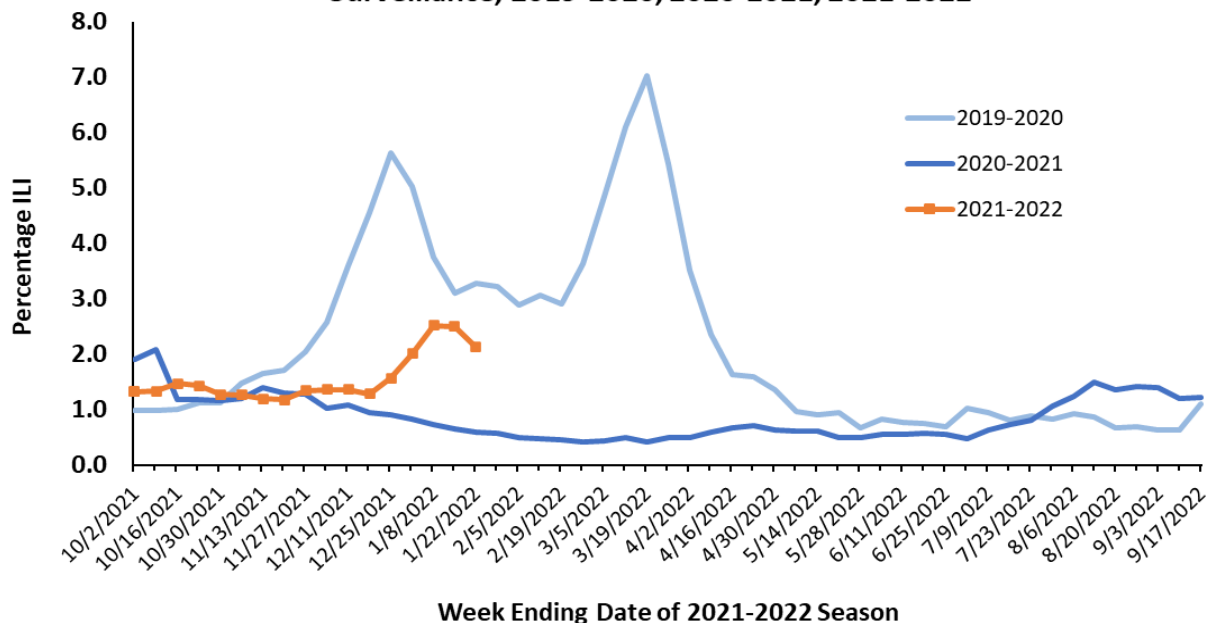
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 2.1% during week 3, 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 0.8% of specimens tested at Oregon labs were positive for influenza during week 3, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

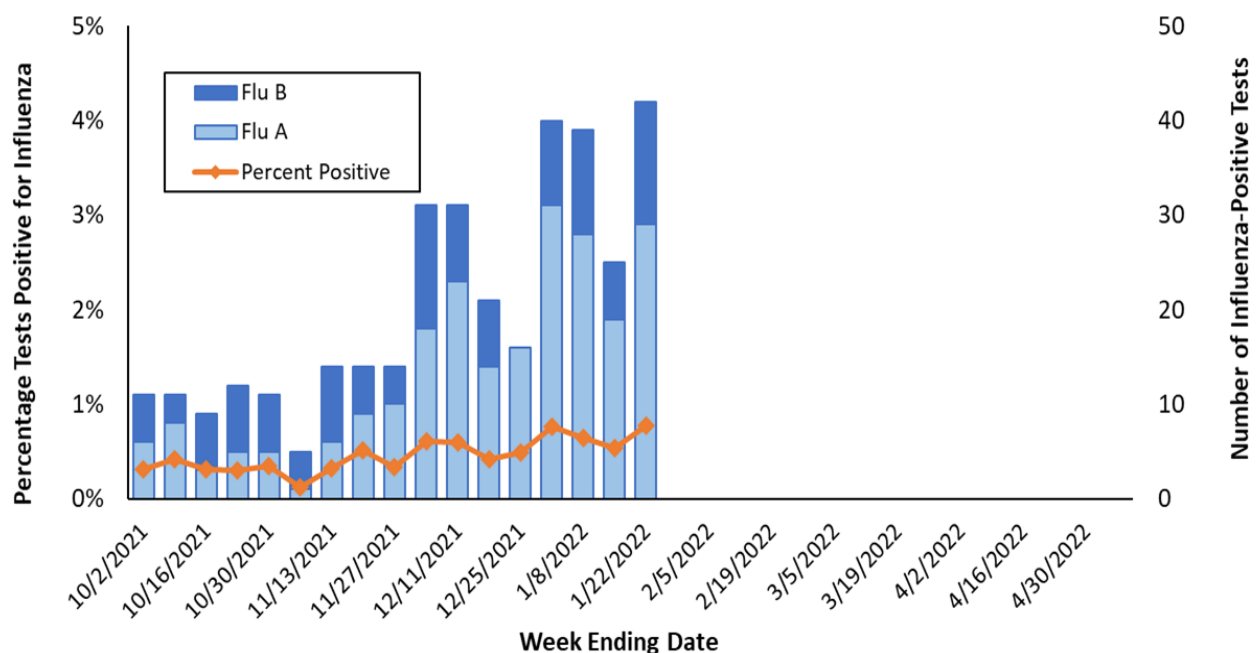
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

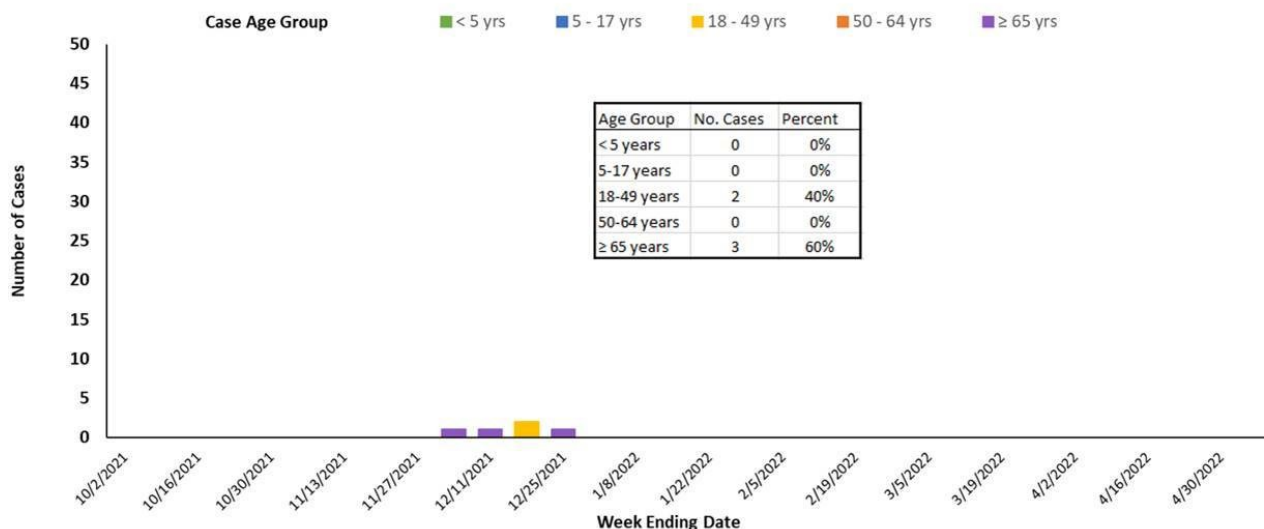
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2149	20	0.9%	13	65.0%	7	35.0%
Southern Oregon	1451	9	0.6%	7	77.8%	2	22.2%
Columbia Gorge	327	1	0.3%	1	100.0%	0	0.0%
Central Oregon	965	4	0.4%	4	100.0%	0	0.0%
Willamette Valley	562	8	1.4%	4	50.0%	4	50.0%
State Total	5454	42	0.8%	29	69.0%	13	31.0%

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



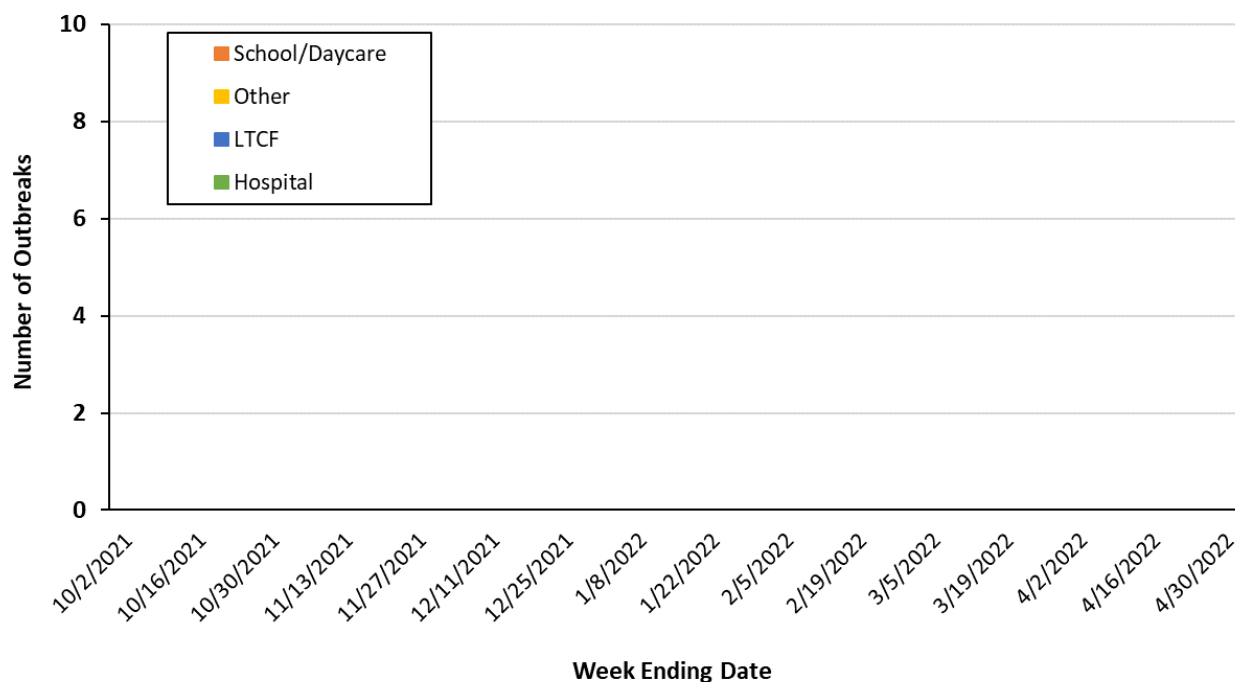
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 3 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



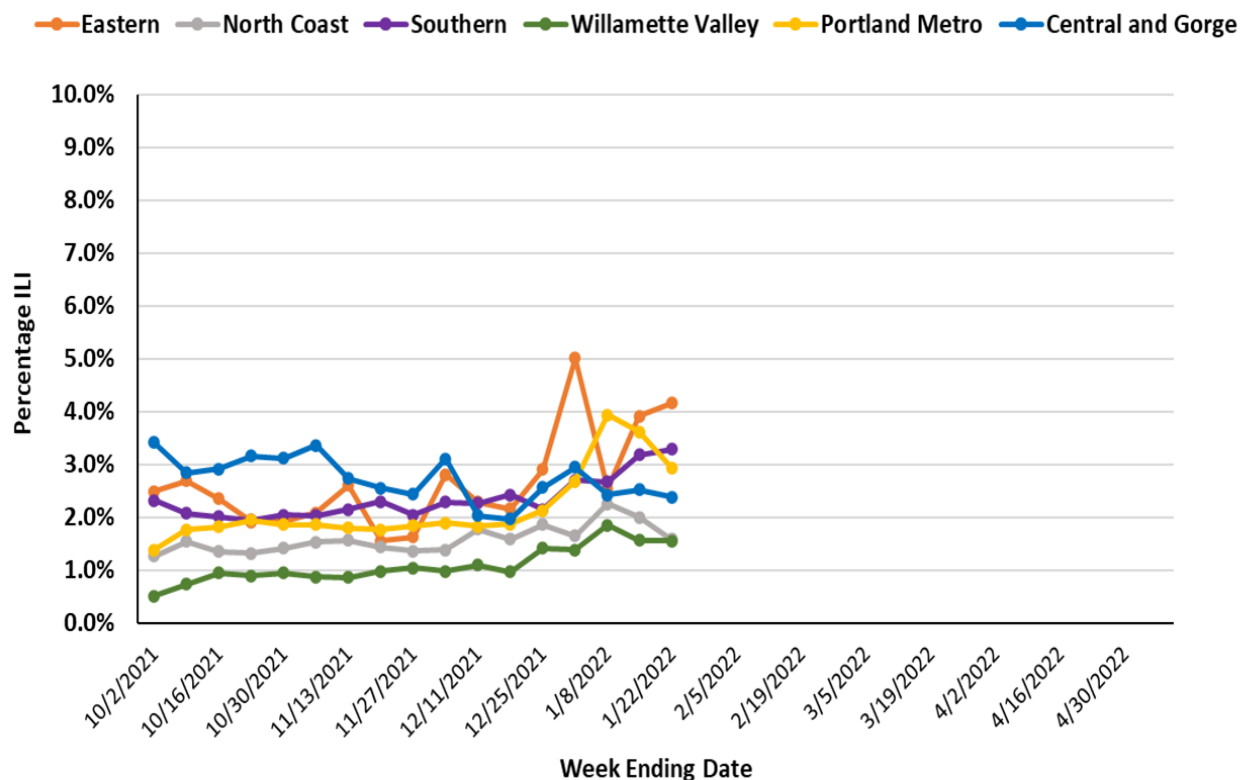
Influenza Outbreaks: There were no influenza outbreaks reported during week 3, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 3 of 2022 was 2.7%. Regionally, the percent was highest in the Eastern Oregon region (4.2%) and lowest in the Willamette Valley and North Coast (1.6%).

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

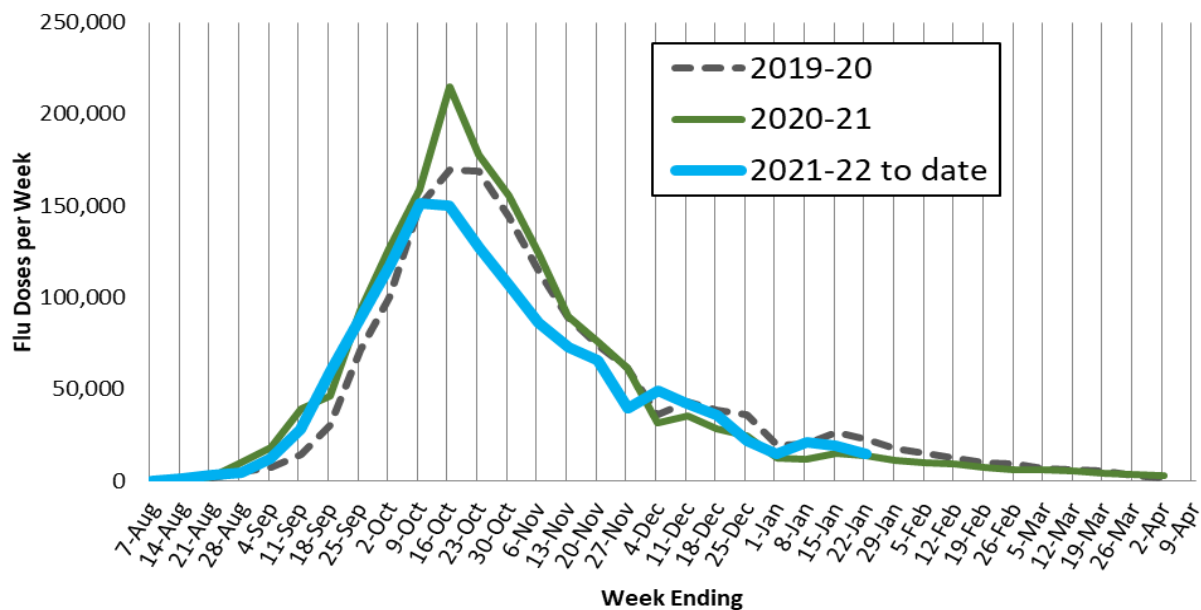


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 3, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

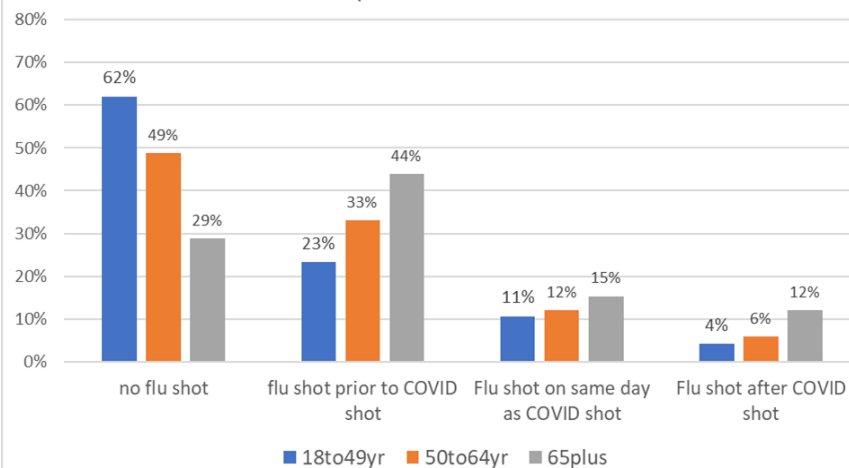
Vaccination information:

As of Jan 28th of 2022, weekly influenza immunization totals are continuing at a low level consistent with prior seasons. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza Immunizations for 1.33 million Oregonians. One factor behind low influenza immunization rates this season is that seeking COVID-19 immunization took the place of seeking influenza immunizations. For this week, a chart is included that looks at influenza immunization seeking among adults who received a COVID-19 immunization from Sept 1st onward. Overall, 48% of those with a recent COVID-19 immunization did not receive an influenza immunization this season. 32% received an influenza immunization prior to COVID-19 immunization, 13% received both on the same day, and 7% received Influenza immunization at a later date. For those who received an influenza immunization after their COVID-19 immunization, the median gap between the two was 28 days. For those adults with a COVID-19 immunization and who did not receive influenza immunization prior or on the same day, only 13% returned later for their flu shot.

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



2021-22 Flu Shot Timing of Oregon Adults With 1+ COVID Shots From September of 2021 Onward



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 1.9% 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](#)

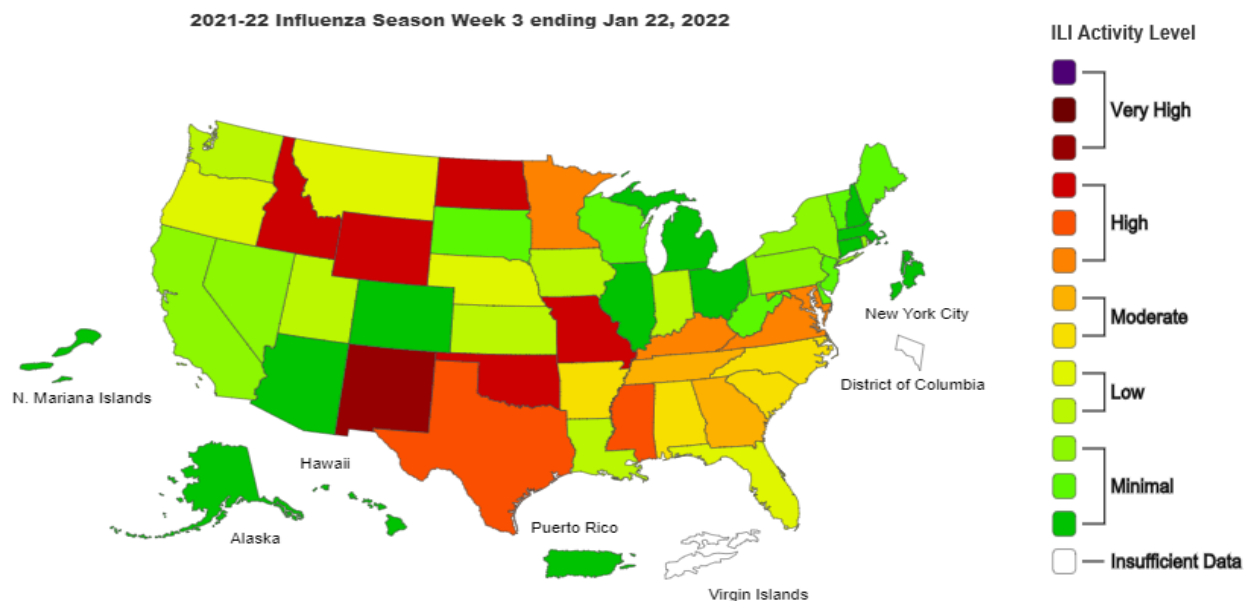
Illness

- **ILINet Outpatient Illness:** Nationwide during week 3, 2.8% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 6 jurisdiction experienced moderate activity and 12 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.8% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 4.3 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 971 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on January 28th, 2022 28.4% of the deaths that occurred during the week ending January 22nd, 2022 (week 3), 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:** 0 influenza related deaths were reported this week. 5 influenza-associated pediatric death has occurred during the 2021-2022 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>

Data at a Glance January 8th - January 15th 2022 (Week 2)

	Current Week (2)	Previous Week (1)
Percentage of emergency department visits for ILI ¹	2.5%	2.5%
Percentage positive influenza tests ²	0.5%	0.6%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	7.0%	9.0%

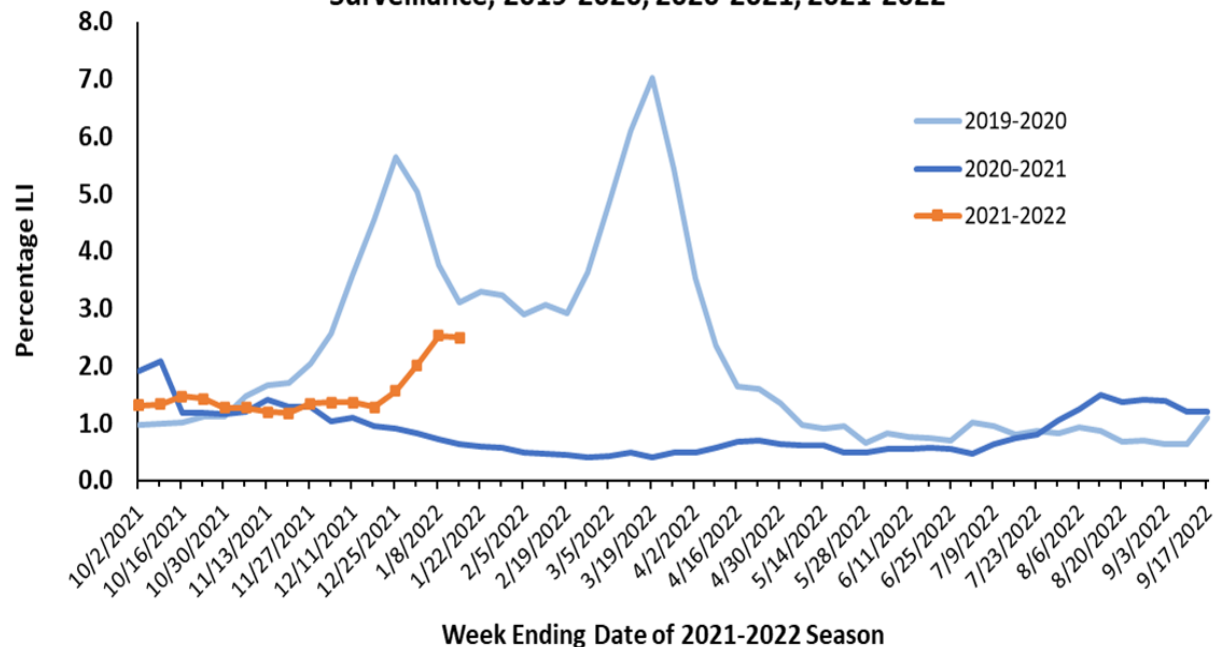
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 2.5% during week 2, 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 2, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

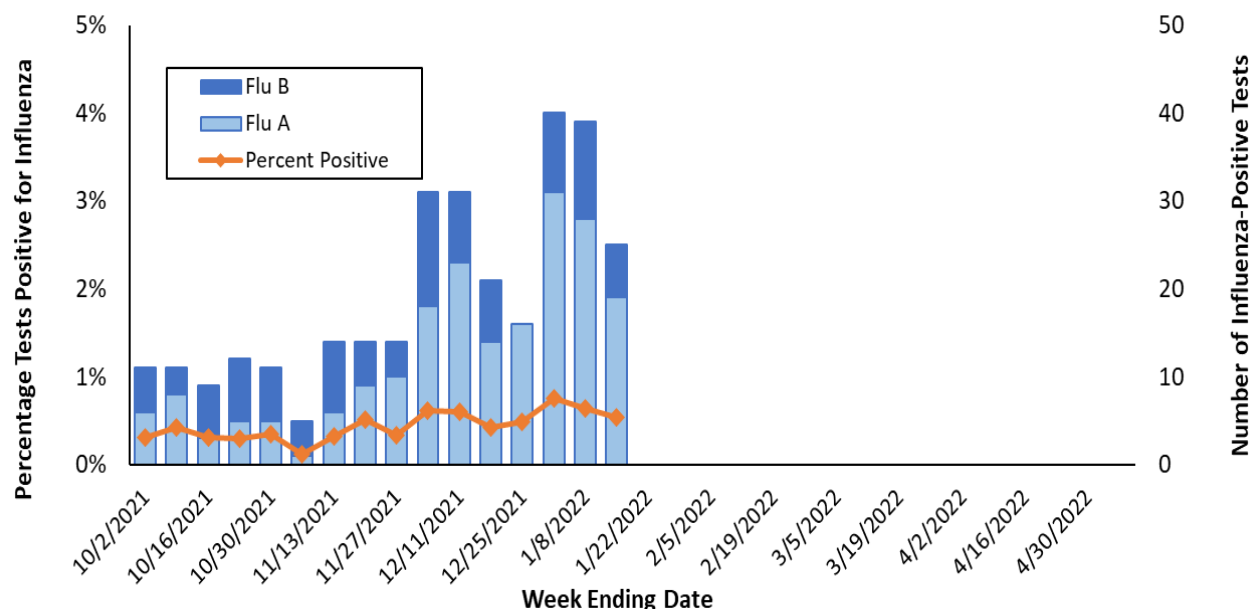
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

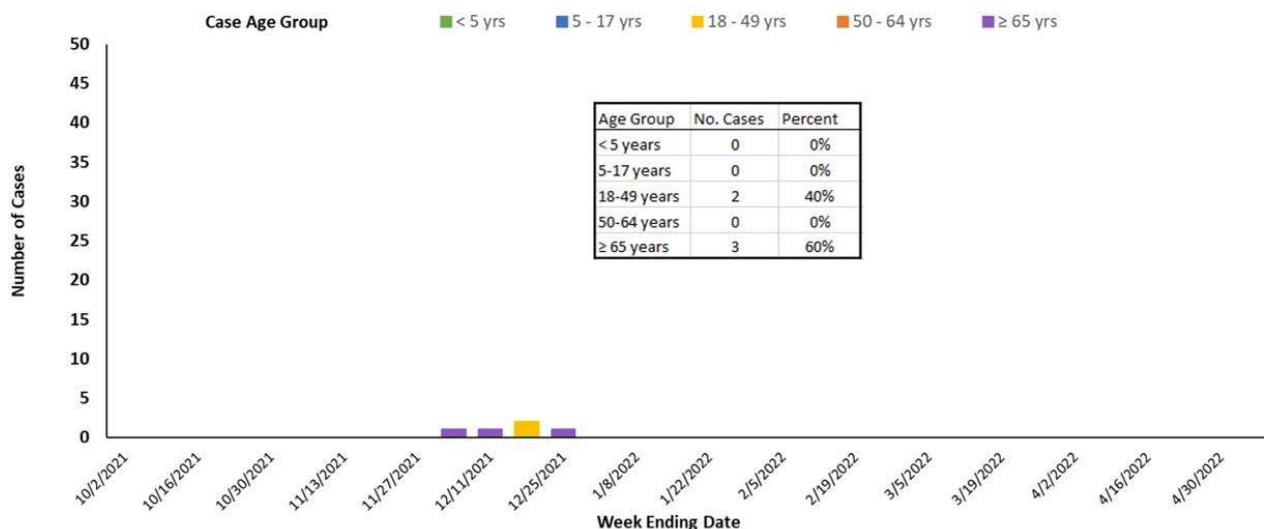
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1323	3	0.2%	3	100.0%	0	0.0%
Southern Oregon	1456	9	0.6%	7	77.8%	2	22.2%
Columbia Gorge	326	1	0.3%	1	100.0%	0	0.0%
Central Oregon	965	4	0.4%	4	100.0%	0	0.0%
Willamette Valley	562	8	1.4%	4	50.0%	4	50.0%
State Total	4632	25	0.5%	19	76.0%	6	24.0%

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



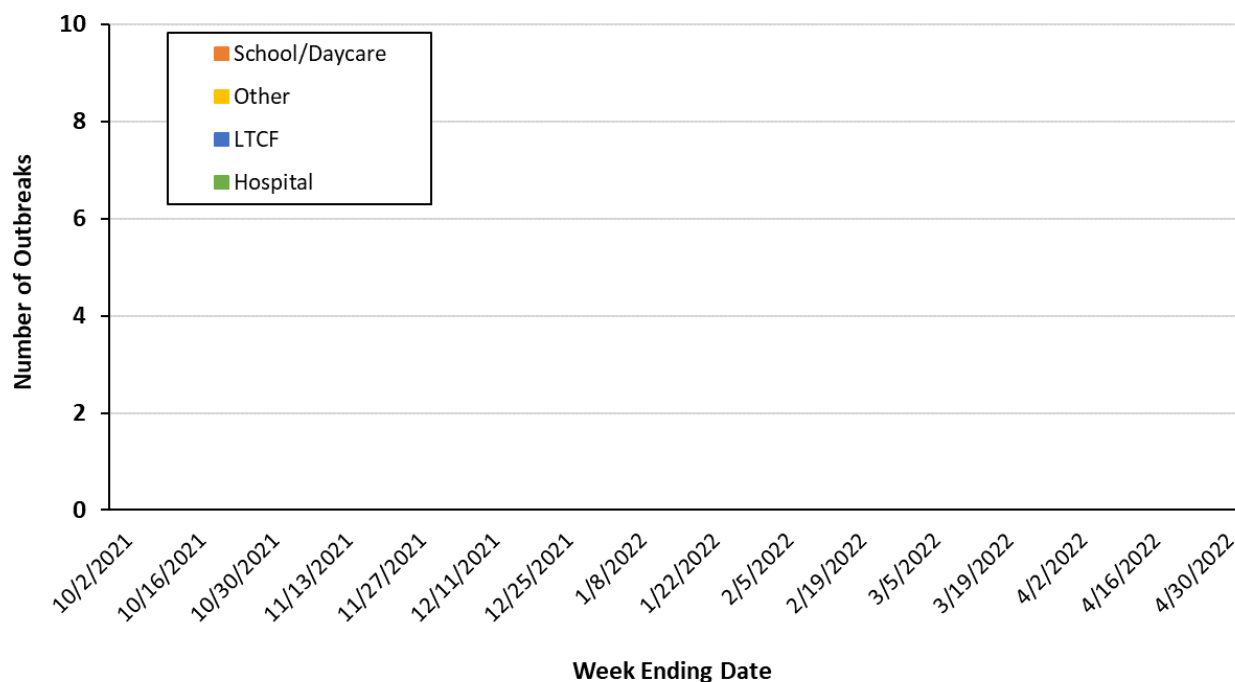
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 2 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



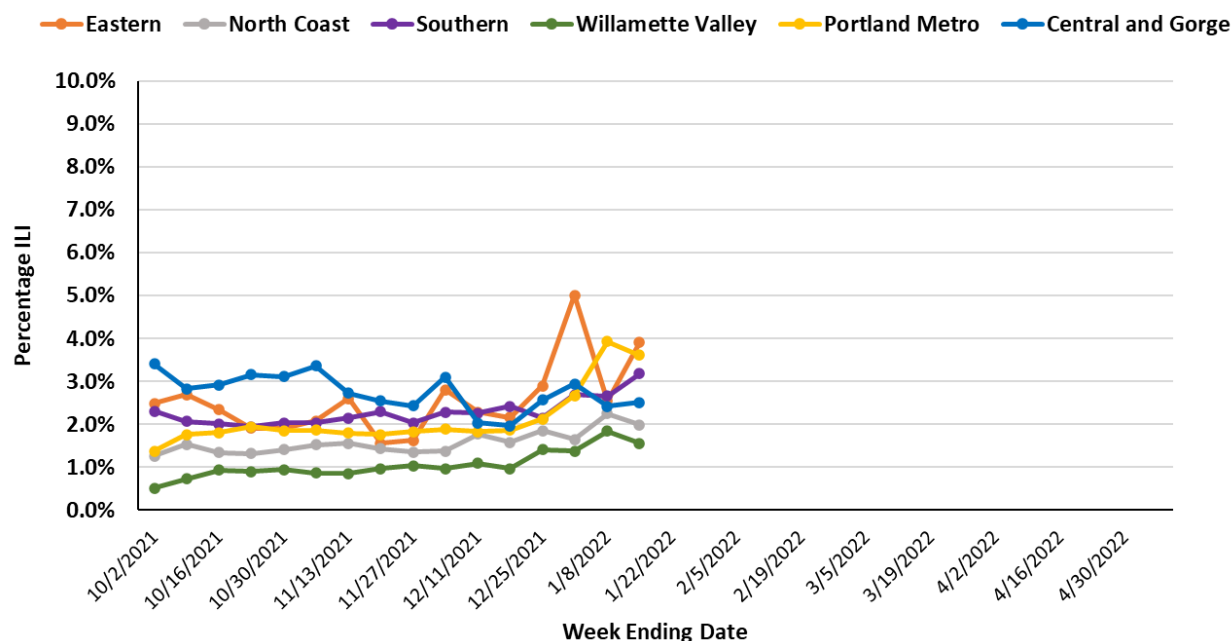
Influenza Outbreaks: There were no influenza outbreaks reported during week 2, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 2 of 2022 was 3.0%. Regionally, the percent was highest in the Eastern Oregon region (3.9%) and lowest in the Willamette Valley (1.6%).

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



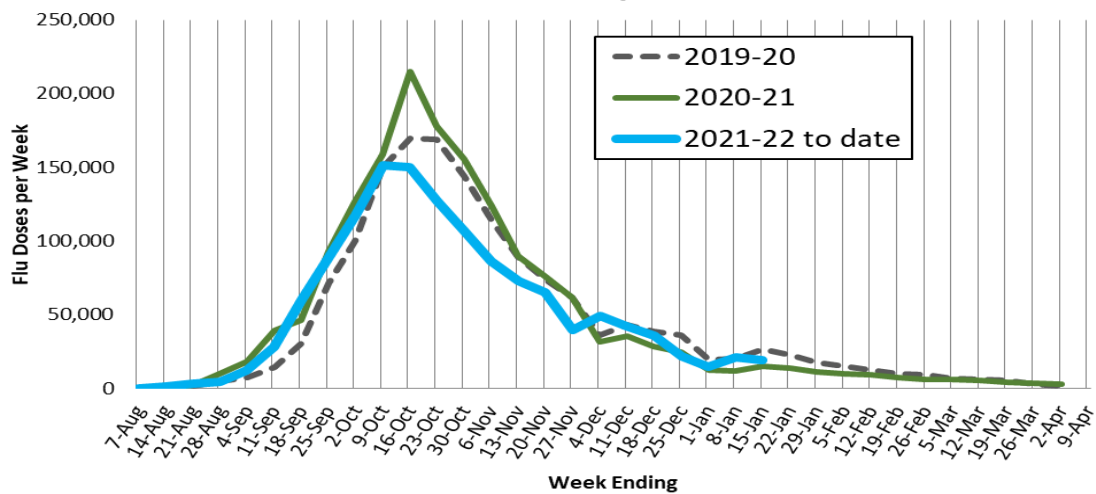
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 2, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

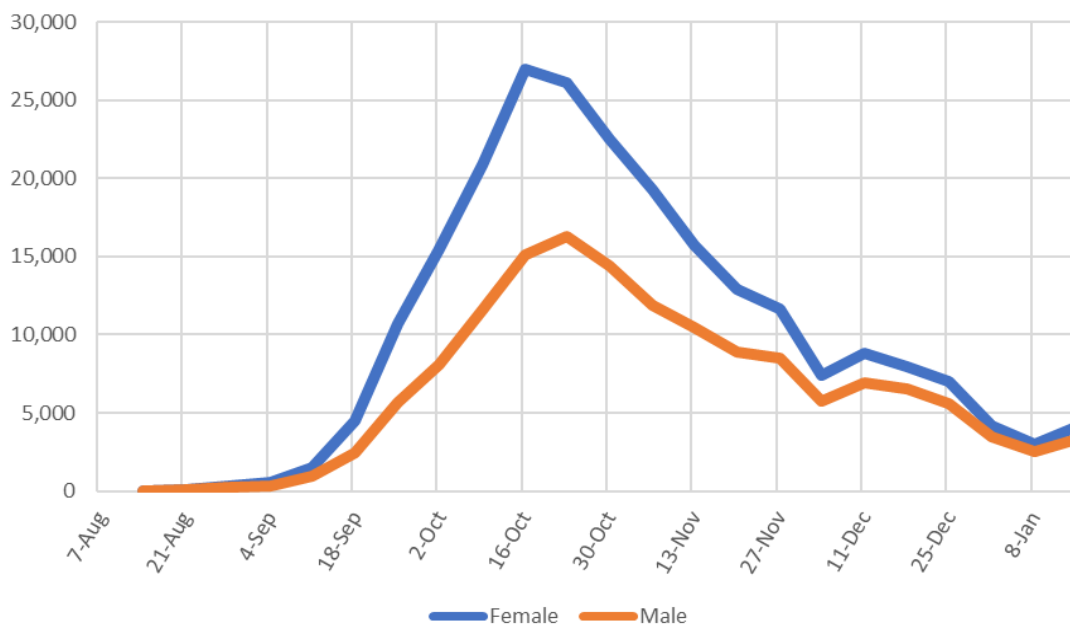
As of Jan 21st of 2022, weekly influenza immunization totals are continuing at a low level consistent with prior seasons. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.32 million Oregonians, in comparison to 1.55 million in the 2020-21 season at this time, and 1.42 million in the 2019-20 season.

A constant theme in OHA's seasonal influenza tracking has been a substantial gender difference in influenza immunization for non-senior adults in Oregon. For this week a chart is included of weekly influenza immunization totals by gender, for adults age 18-49. This age range reflects women of child-bearing age, and men of the same age as a contrast. In this adult age range, 61% of influenza immunizations have been given to women; in a narrower age range of 18-35, the percent given to women goes up to 65%. Influenza immunization is recommended during pregnancy.

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



Influenza Immunizations per Week Among Adults Age 18-49 by Gender



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 1.8% 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](#)

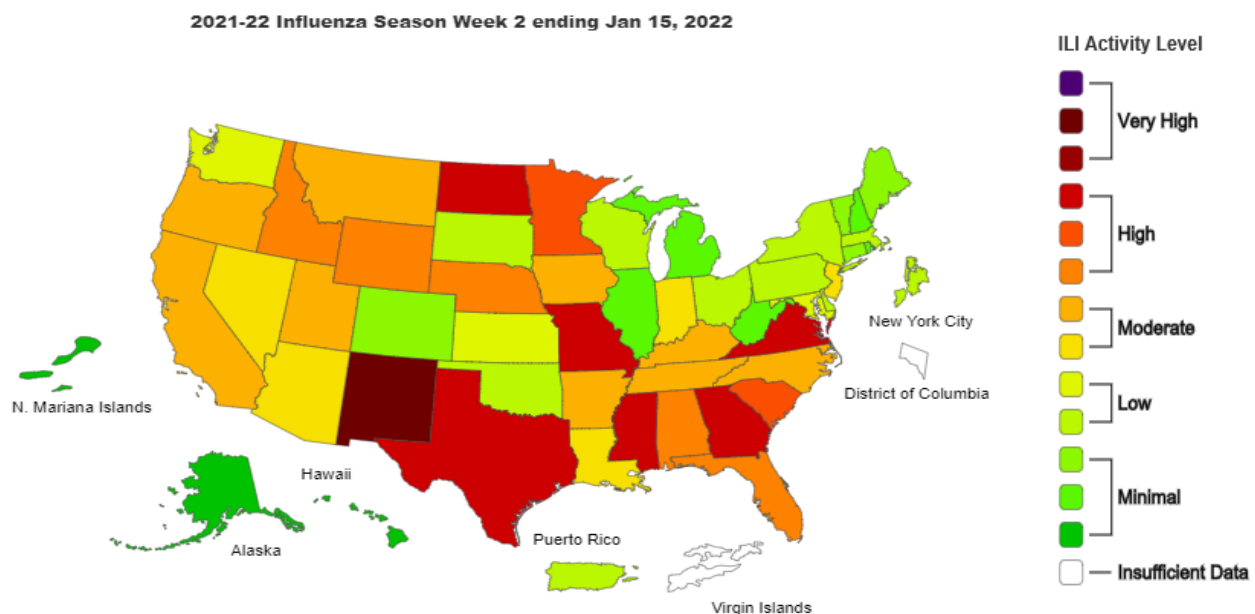
Illness

- **ILINet Outpatient Illness:** Nationwide during week 2, 3.5% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 14 jurisdiction experienced moderate activity and 14 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 1.0% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 3.9 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,483 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on January 21st, 2022 25.5% of the deaths that occurred during the week ending January 15th, 2022 (week 2), 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:** 2 influenza-associated pediatric death has occurred during the 2021-2022 season and have been reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 2 -- Ending January 15th, 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>

Data at a Glance January 2nd - January 8th 2022 (Week 1)

	Current Week (1)	Previous Week (52)
Percentage of emergency department visits for ILI ¹	2.5%	2.0%
Percentage positive influenza tests ²	0.6%	0.8%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	9.0%	11.9%

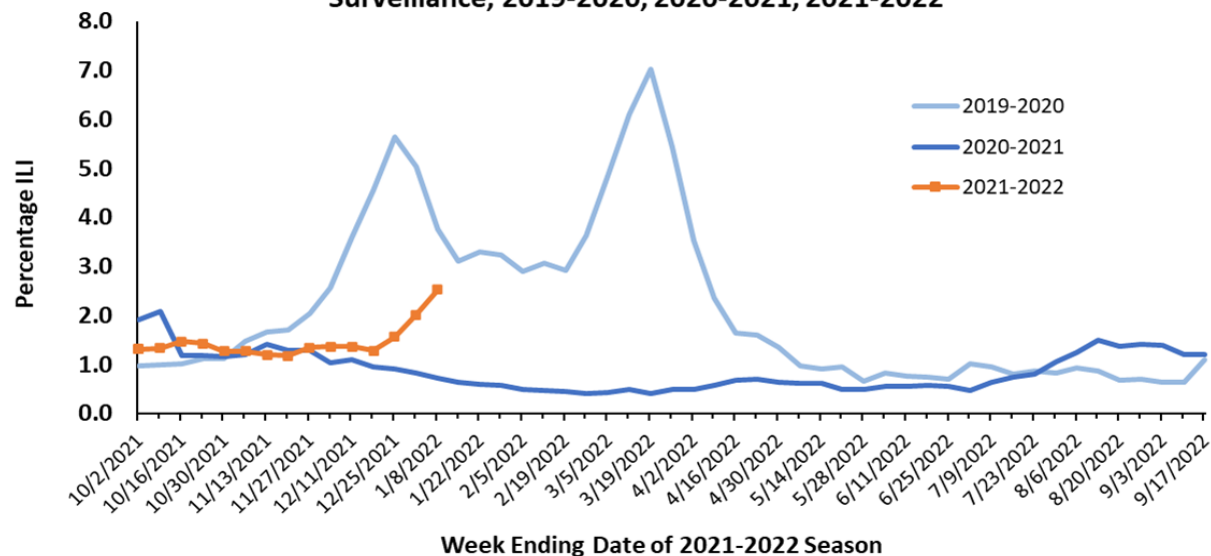
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 2.5% during week 1, 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](https://www.cdc.gov/nrevss/).

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 1, 2022 and Figure 2 displays the number of influenza -positive tests by influenza type and percent positivity.

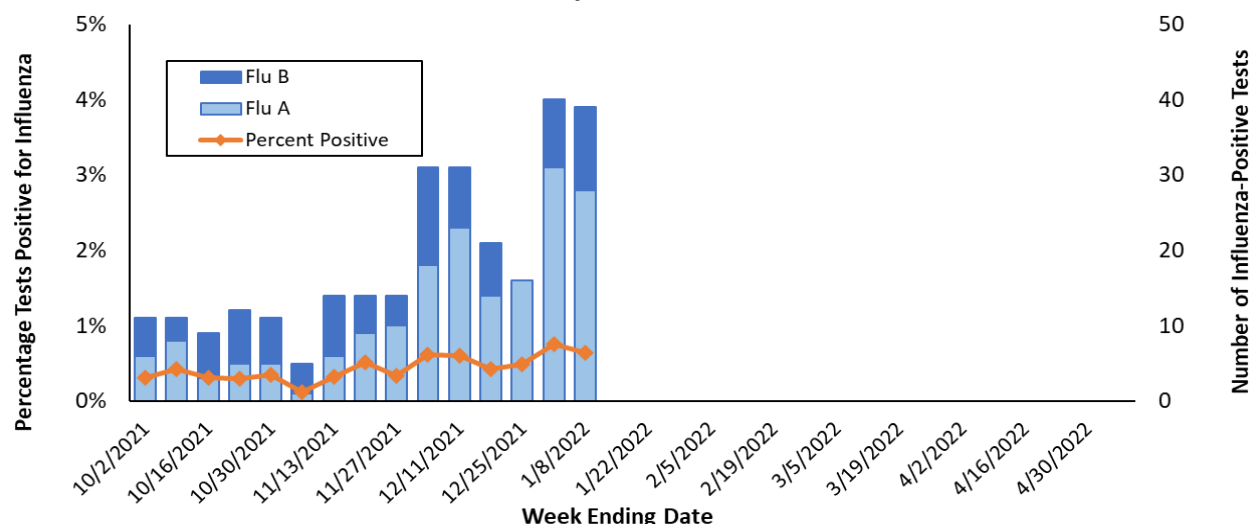
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2021–2022 Season

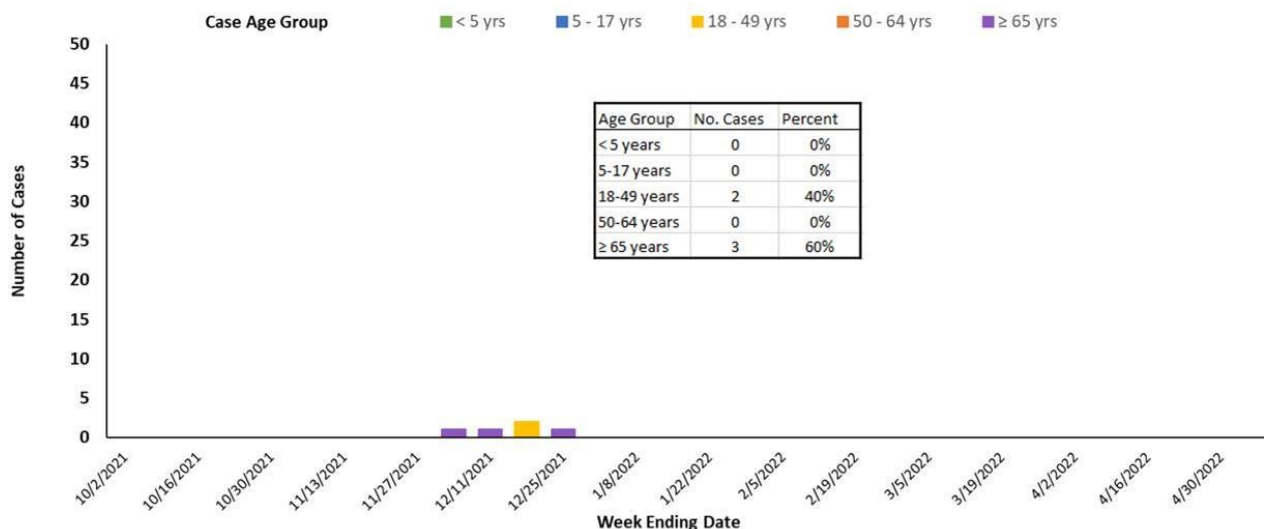
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2655	7	0.3%	6	85.7%	1	14.3%
Southern Oregon	1358	5	0.4%	4	80.0%	1	20.0%
Columbia Gorge	476	11	2.3%	10	90.9%	1	9.1%
Central Oregon	995	8	0.8%	8	100.0%	0	0.0%
Willamette Valley	568	8	1.4%	0	0.0%	8	100.0%
State Total	6052	39	0.6%	28	71.8%	11	28.2%

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



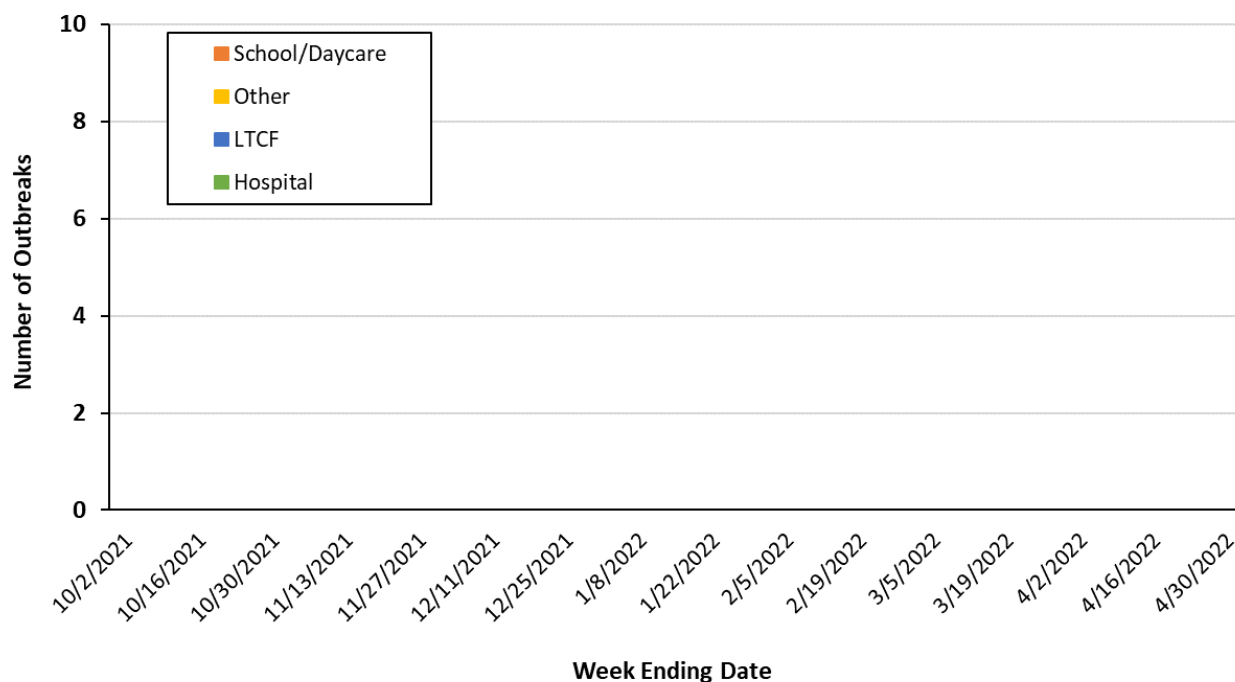
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 1 of 2022. There have been five reported hospitalizations during the 2021-2022 season.

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



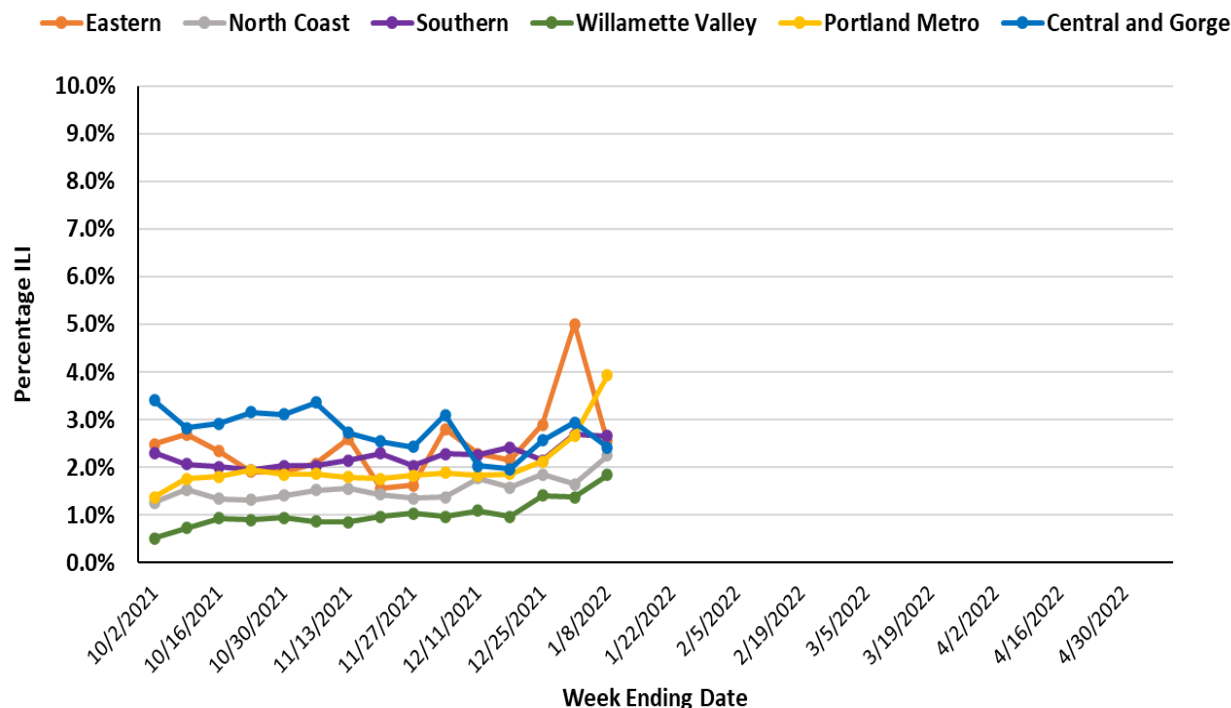
Influenza Outbreaks: There were no influenza outbreaks reported during week 1, 2022 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 1 of 2022 was 3.1%. Regionally, the percent was highest in the Portland metro region (3.9%) and lowest in the Willamette Valley (1.8%).

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



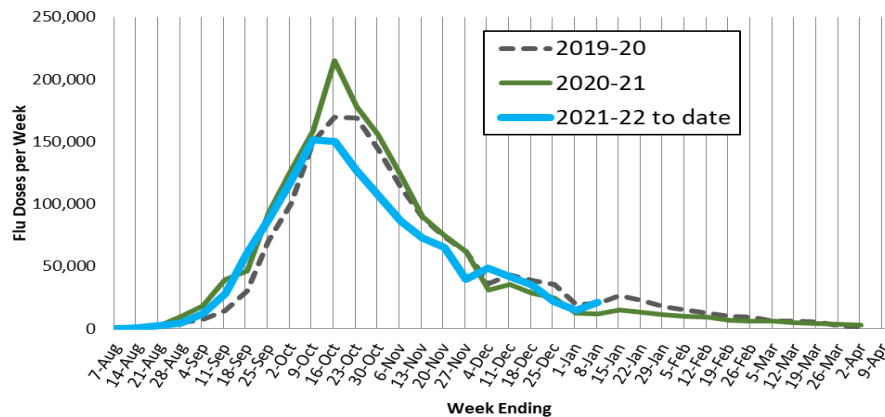
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 1, 2022 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information:

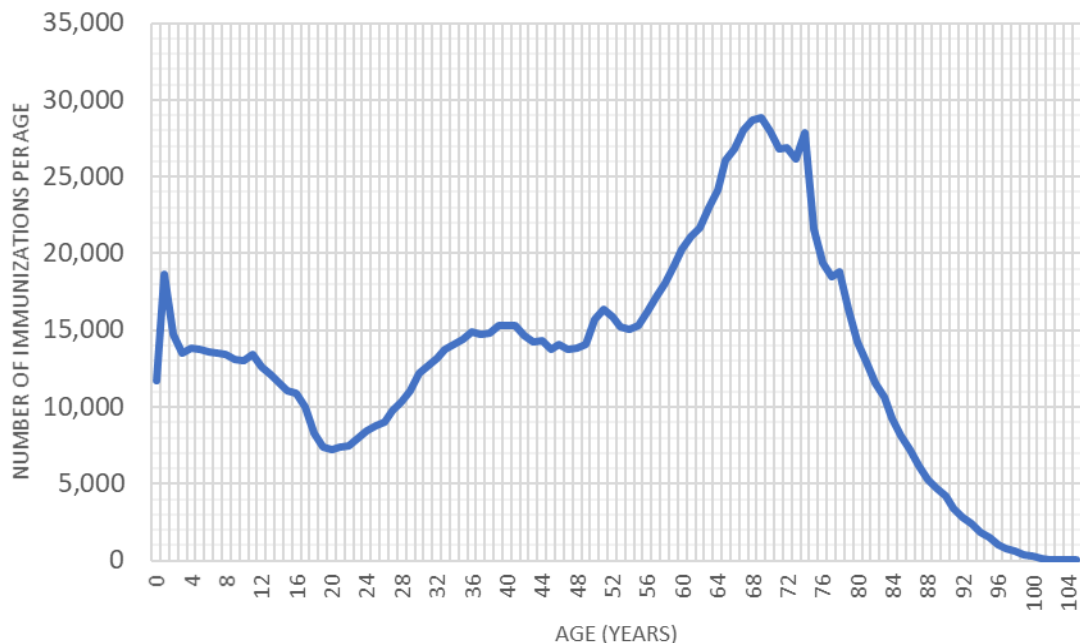
As of Jan 14th of 2022, weekly influenza immunization seeking is showing a mild increase going into the new year. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has influenza immunizations for 1.3 million Oregonians, in comparison to 1.5 million in the 2020-21 season at this time, and 1.4 million in the 2019-20 season. The ALERT IIS also contains approximately 140,000 influenza immunizations for non-Oregon residents, predominantly Washington residents.

A special topic for this week is about Oregonians who have more than one influenza immunization this season. By schedule, infants in their first year of influenza immunization are recommended to receive 2 doses, and young children under age 8 who have never had more than 1 dose per season are also recommended to receive 2 doses. However, the potential for influenza vaccine waning within a single season among seniors has led to some calls for giving seniors 2 doses as well - one early in season and one later. This season, 26% of children under the age of two who received at least one influenza immunization have also gotten a second dose. In contrast, only 2,303 seniors (0.5% of total) have received 2 doses so far.

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



**Oregonians with Influenza Immunizations by Year
of Age, as of Jan. 14th, 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 2.2% 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](#)

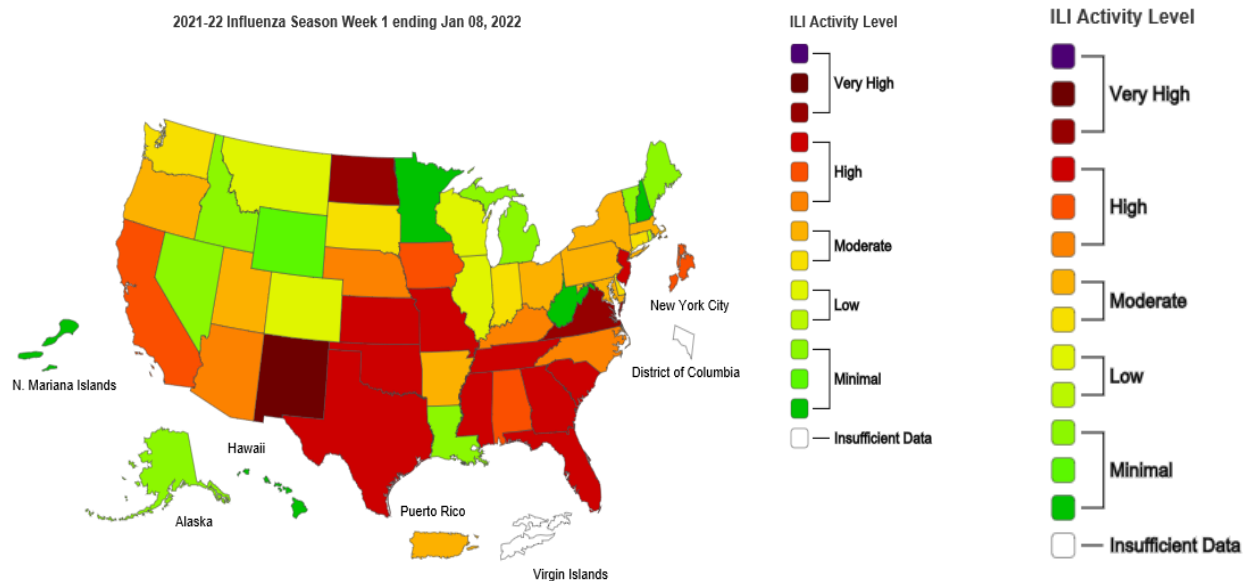
Illness

- **ILINet Outpatient Illness:** Nationwide during week 1, 4.3% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 14 jurisdiction experienced moderate activity and 21 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 1.3% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 3.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,804 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on January 14th, 2022 23.1% of the deaths that occurred during the week ending January 8th, 2022 (week 1), 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:** 1 influenza-associated pediatric death has occurred during the 2021-2022 season and have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 1 -- Ending January 8th, 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>

Data at a Glance December 26th, 2021 - January 1st, 2022 (Week 52)

	Current Week (52)	Previous Week (51)
Percentage of emergency department visits for ILI ¹	2.0%	1.6%
Percentage positive influenza tests ²	0.8%	0.5%
Portland tri-county influenza-associated hospitalizations ³	0	1
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	11.9%	12.9%

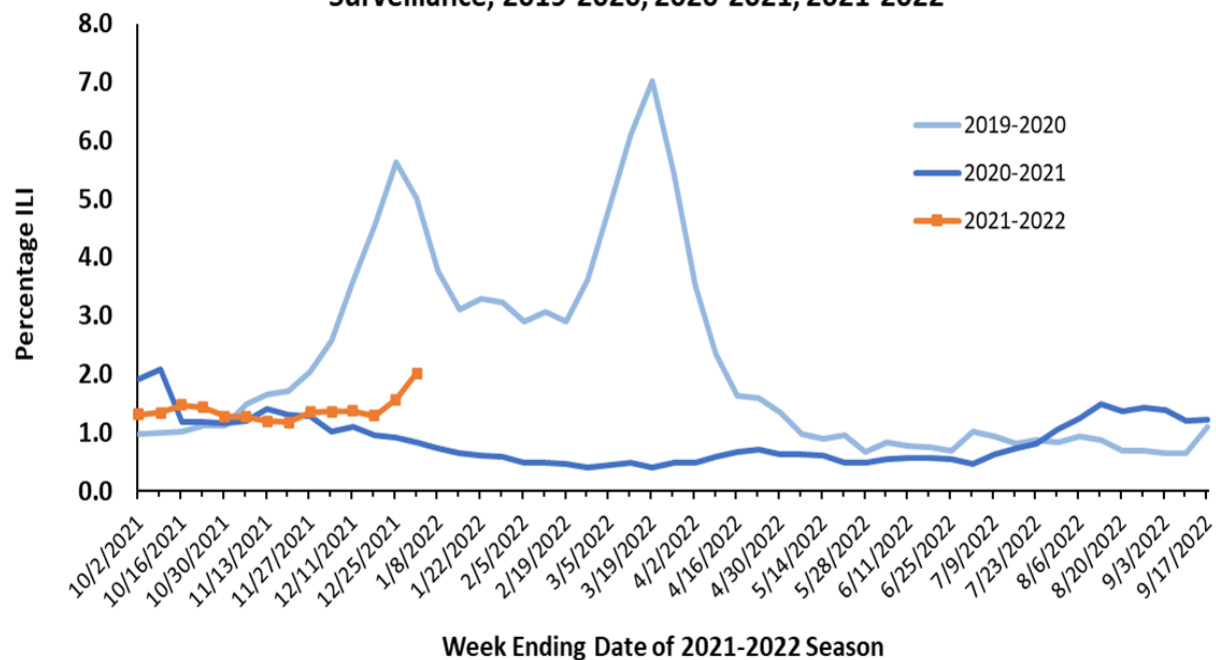
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 2.0% during week 52, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.8% of specimens tested at Oregon labs were positive for influenza during week 52, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

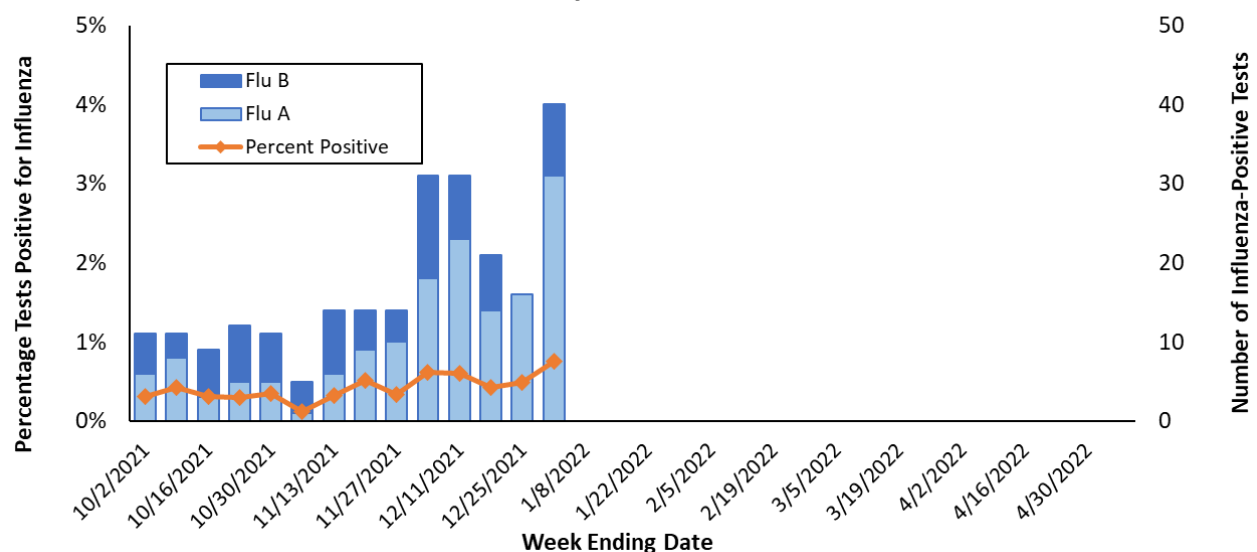
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

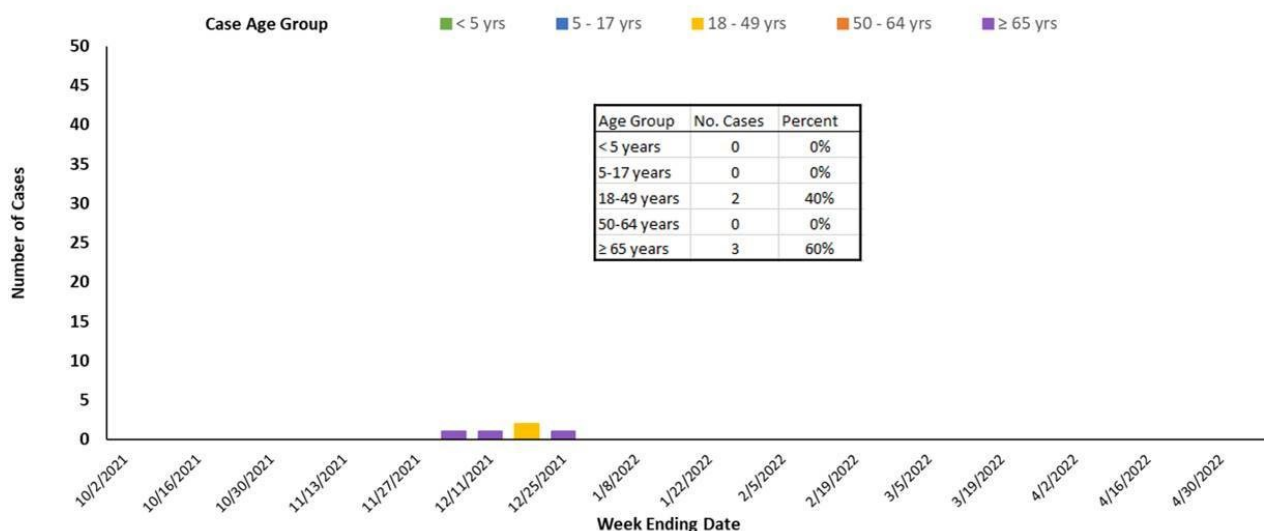
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2435	13	0.5%	12	92.3%	1	7.7%
Southern Oregon	1027	7	0.7%	6	85.7%	1	14.3%
Columbia Gorge	426	3	0.7%	3	100.0%	0	0.0%
Central Oregon	846	10	1.2%	9	90.0%	1	10.0%
Willamette Valley	547	7	1.3%	1	14.3%	6	85.7%
State Total	5281	40	0.8%	31	77.5%	9	22.5%

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



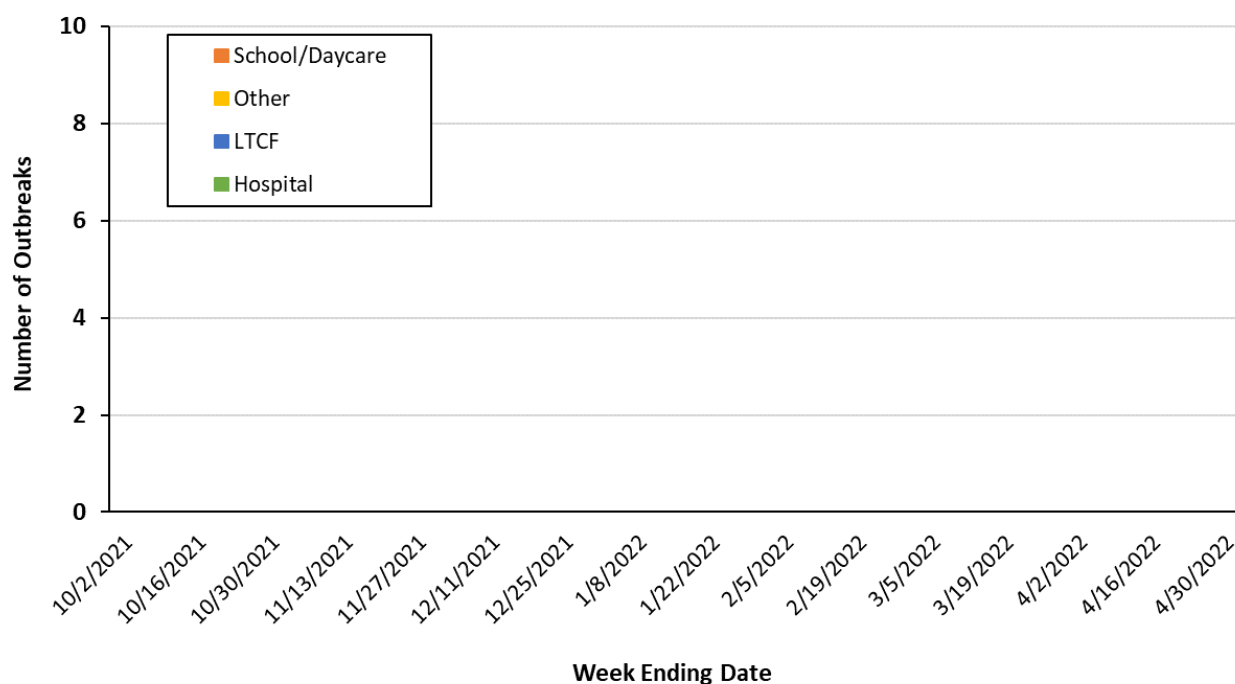
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were zero influenza-associated hospitalization reported during week 52 of 2021. There have been five reported hospitalizations during the 2021-2022 season.

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



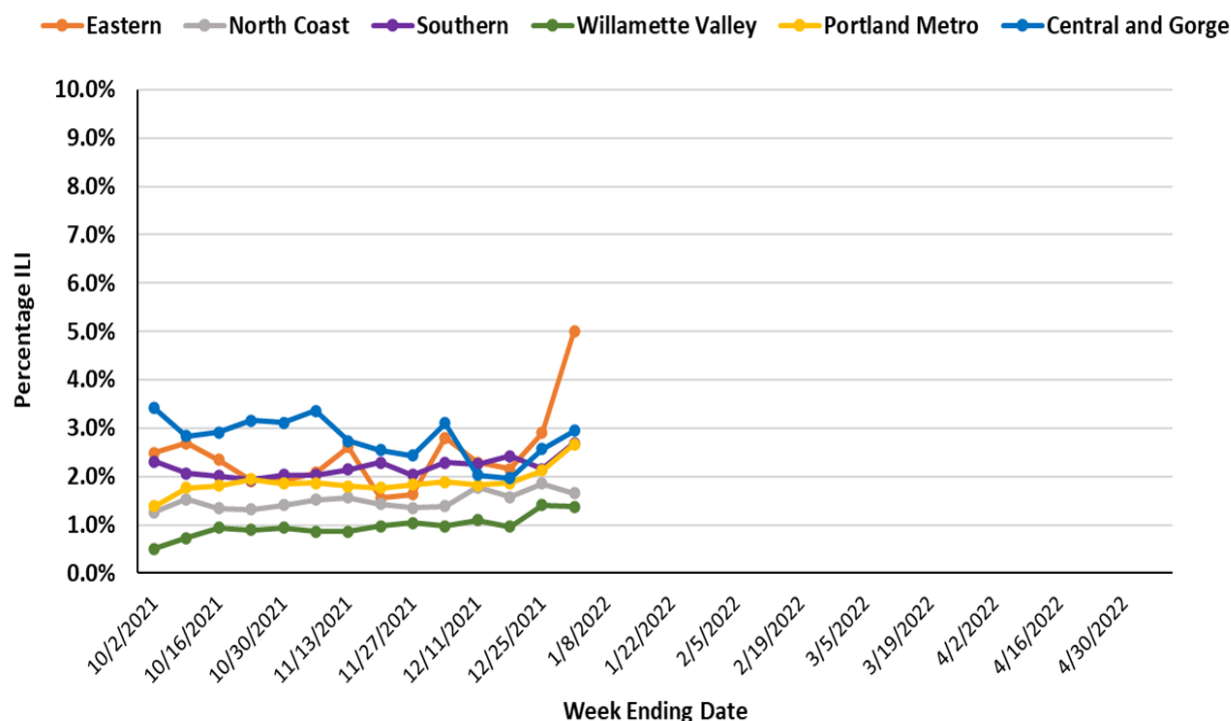
Influenza Outbreaks: There were no influenza outbreaks reported during week 52, 2021 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 52 of 2021 was 2.5%. Regionally, the percent was highest in the Eastern region (5.0%) and lowest in the Willamette Valley (1.4%).

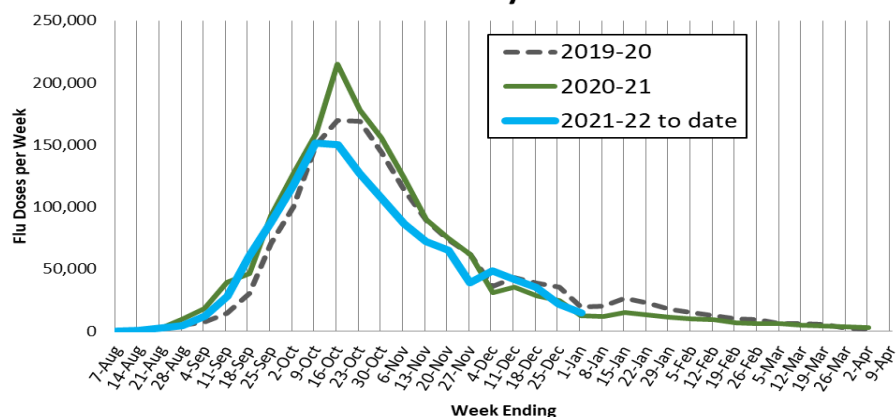
Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022



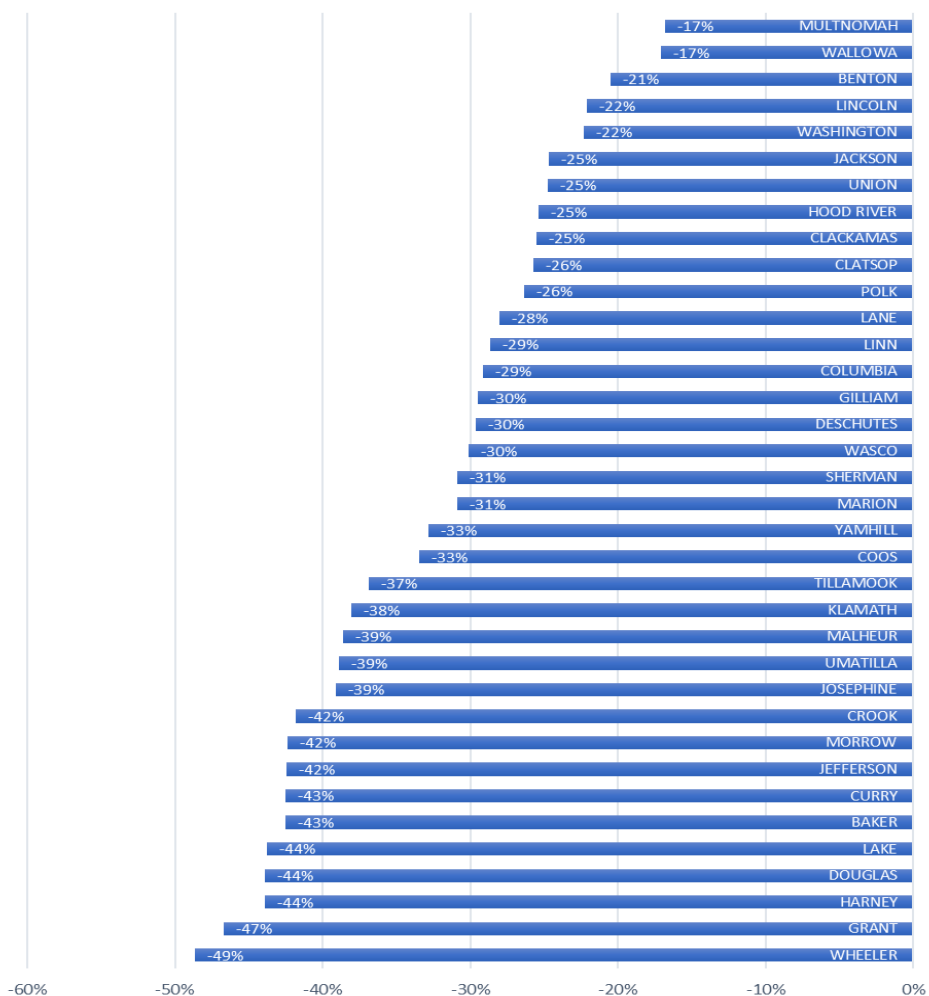
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 52, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information: Weekly influenza immunizations are continuing to decline as we proceed into January. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). While the total number of influenza immunizations this season continue to run below prior season levels, the largest decline is for children. For the end of 2021, current children's levels of influenza immunization are 25% below last season's levels. A chart is included showing the current decline from last season for children, ranked from lowest to highest for Oregon counties.

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



Decline in Children's Influenza Immunization from 2020-21 to 2021-22 Seasons



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 3.8% this week.
- **Public Health Labs:** The majority of viruses detected are influenza A (H3N2)
- **Virus Characterization:** Genetic characterization data are now being reported

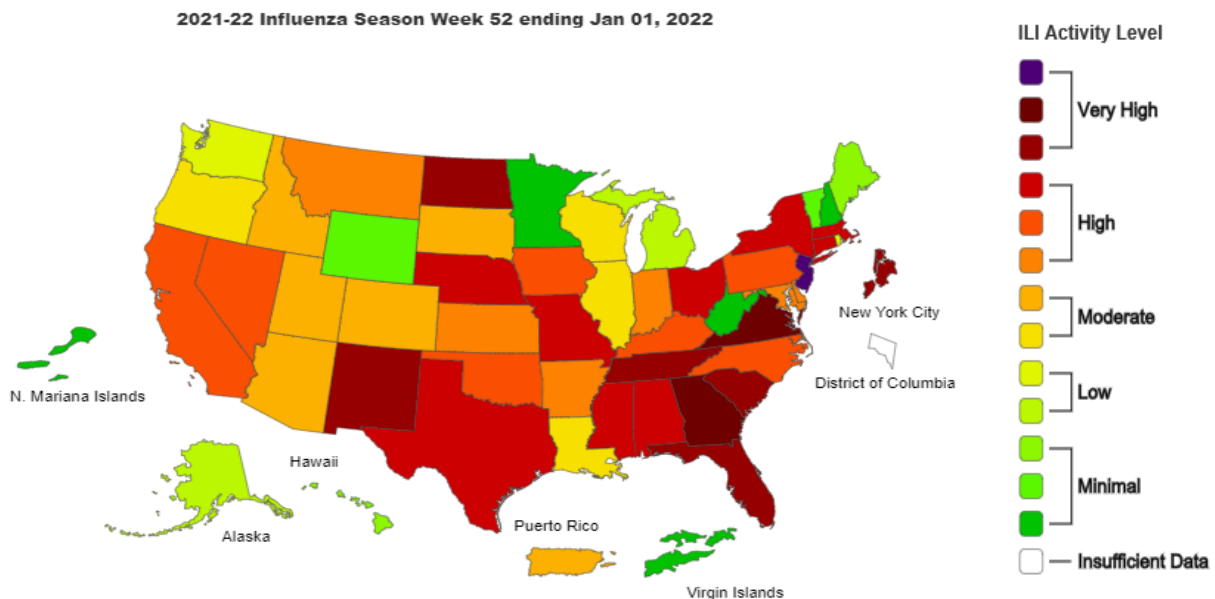
Illness

- **ILINet Outpatient Illness:** Nationwide during week 52, 4.8% of visits to a health care provider are for respiratory illness. This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 10 jurisdiction experienced moderate activity and 31 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 1.3% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 2.6 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 2,615 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on January 7th, 2022 19.9% of the deaths that occurred during the week ending January 1st, 2022 (week 52), 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:** 0 influenza-associated pediatric deaths have occurred during the 2021-2022 season and have been reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 52 -- Ending January 1st, 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>

Data at a Glance December 19th, 2021 - December 25th, 2021 (Week 51)

	Current Week (51)	Previous Week (50)
Percentage of emergency department visits for ILI ¹	1.6%	1.3%
Percentage positive influenza tests ²	0.5%	0.4%
Portland tri-county influenza-associated hospitalizations ³	1	2
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	12.9%	16.7%

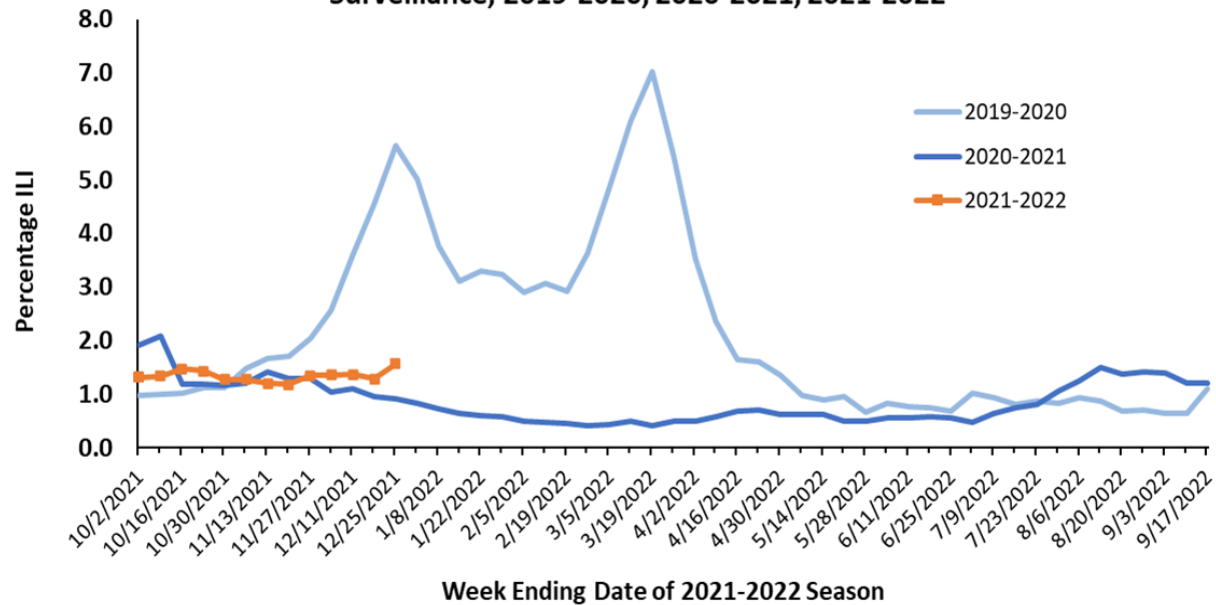
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.6% during week 51, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.5% of specimens tested at Oregon labs were positive for influenza during week 51, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

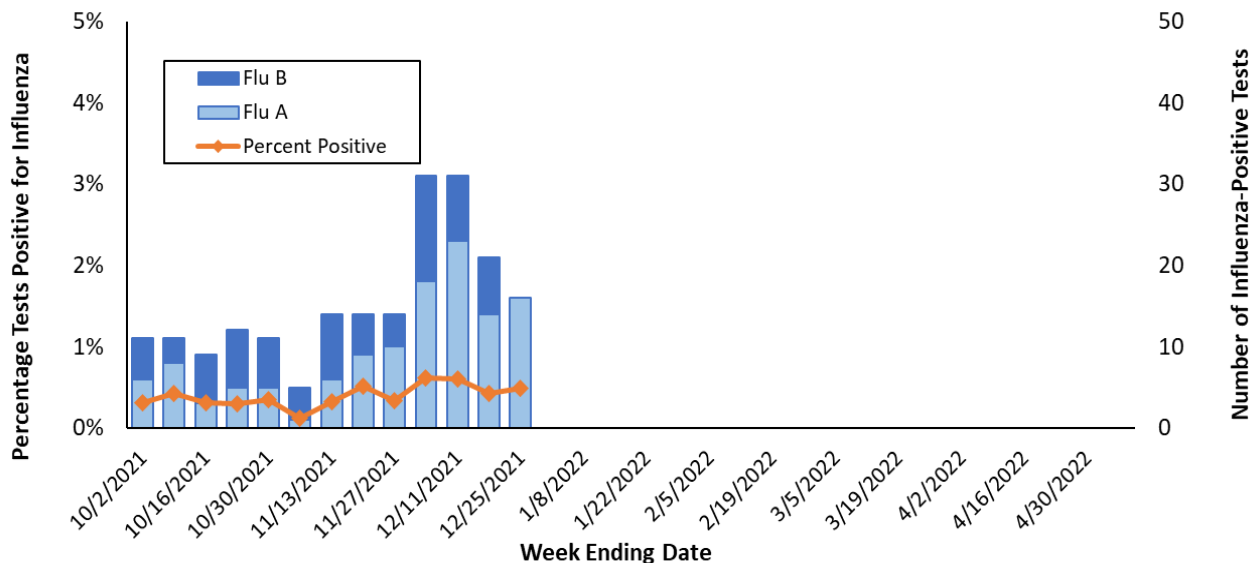
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

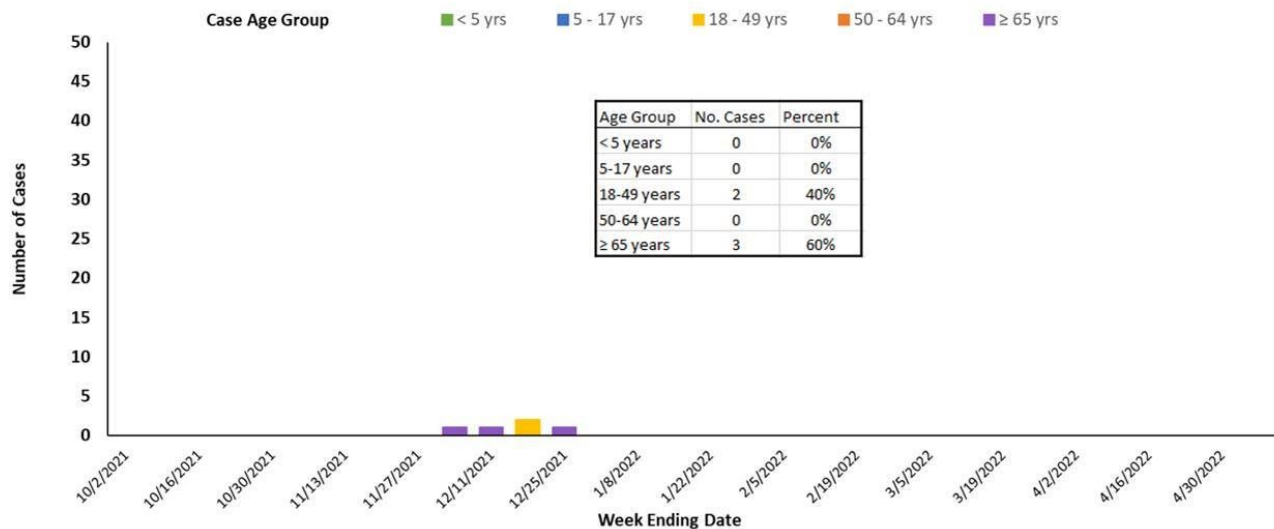
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1478	4	0.3%	4	100.0%	0	0.0%
Southern Oregon	449	3	0.7%	3	100.0%	0	0.0%
Columbia Gorge	295	0	0.0%	0	0.0%	0	0.0%
Central Oregon	699	7	1.0%	7	100.0%	0	0.0%
Willamette Valley	344	2	0.6%	2	100.0%	0	0.0%
State Total	3265	16	0.5%	16	100.0%	0	0.0%

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



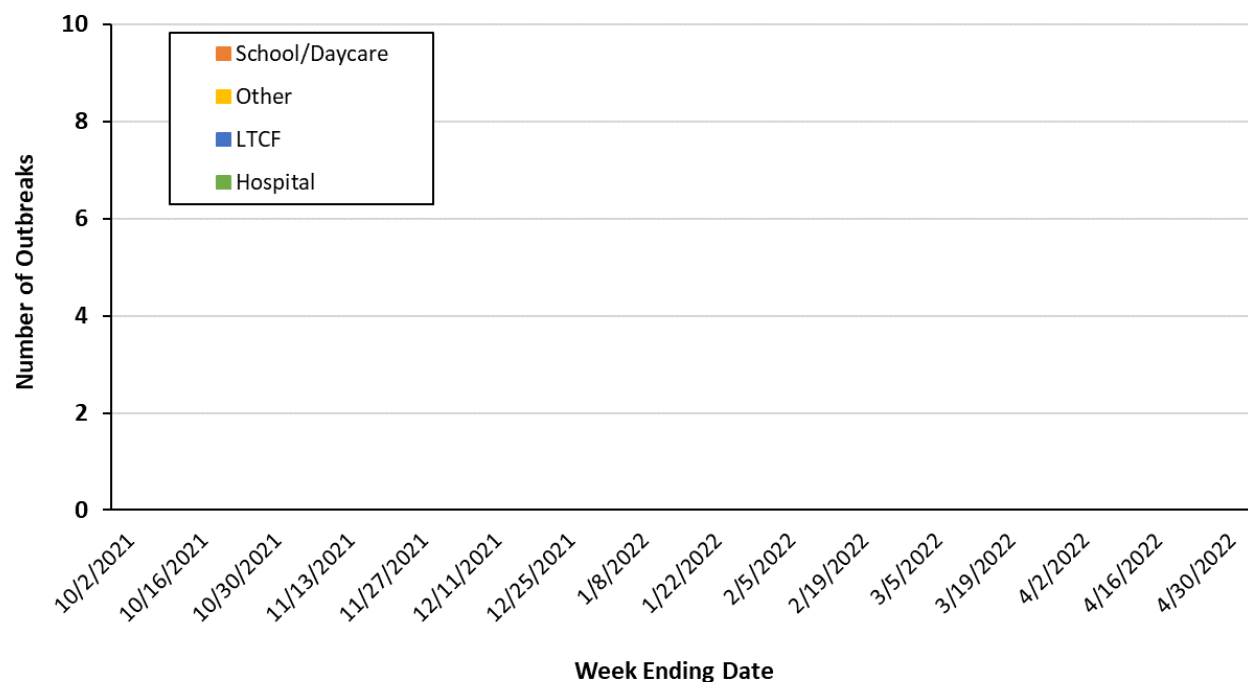
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was one influenza-associated hospitalization reported during week 51 of 2021. There have been five reported hospitalizations during the 2021-2022 season.

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



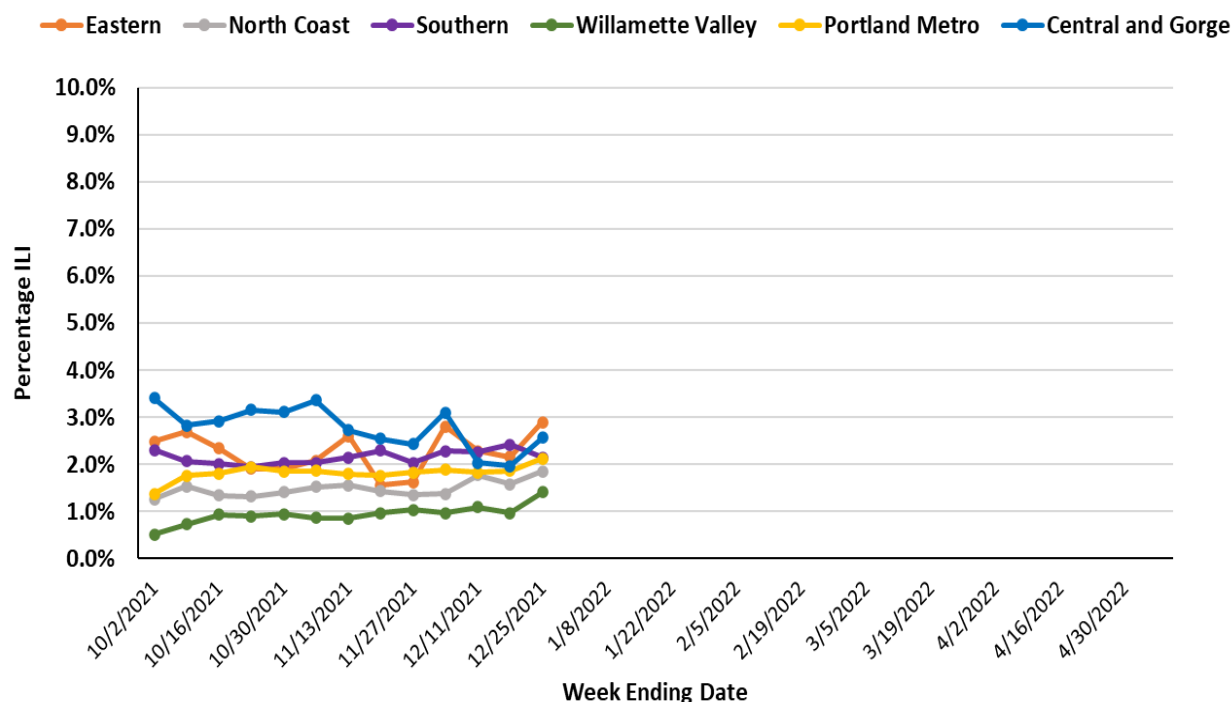
Influenza Outbreaks: There were no influenza outbreaks reported during week 51, 2021 and none yet reported during in the 2021-2022 influenza season.

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



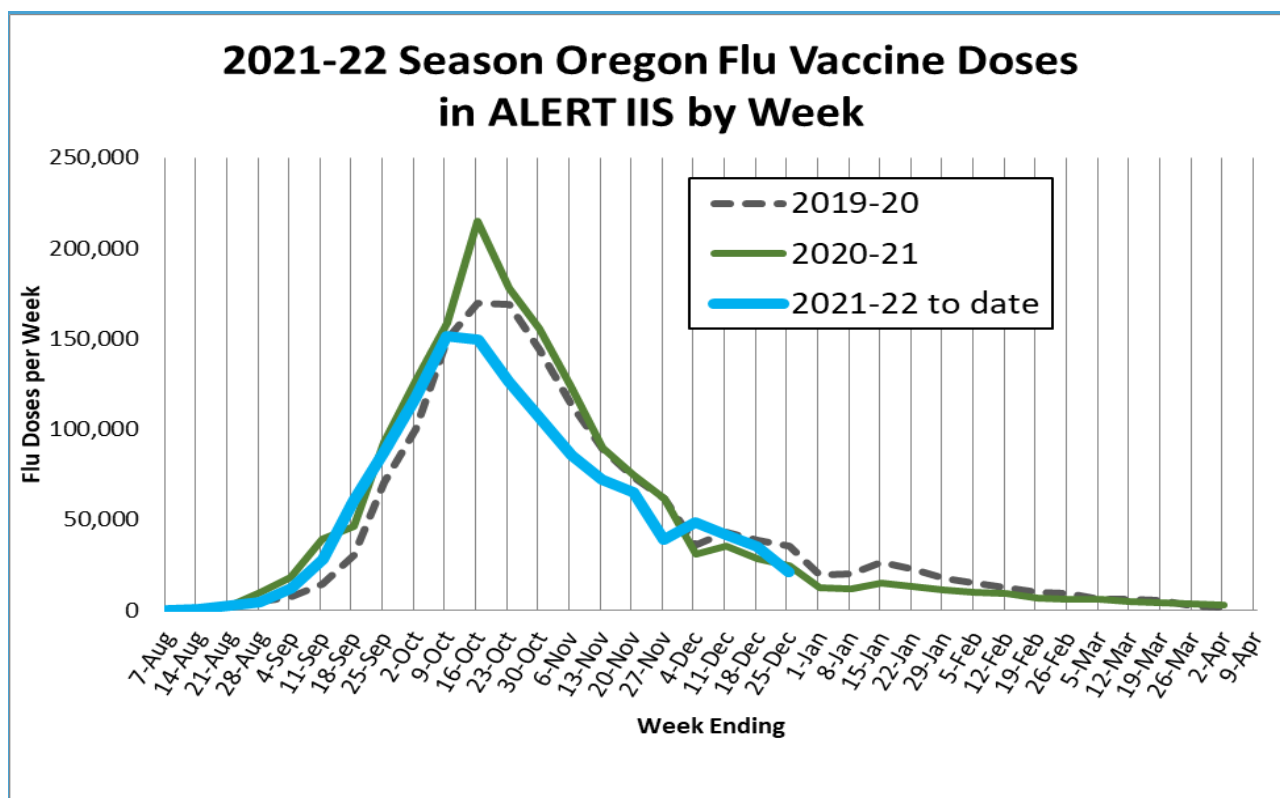
Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 51 of 2021 was 2.1%. Regionally, the percent was highest in the Eastern region (2.9%) and lowest in the Willamette Valley (1.4%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 51, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination information: As of Dec. 29th, 1.3 million influenza immunizations have been given to Oregonians so far this season. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). Total influenza immunizations this season continue to run below prior season levels. An open question at this point is whether immunizations will spike upward in January, as has happened in some prior seasons.



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 6.2% this week.
- **Public Health Labs:** The majority of viruses detected are influenza A (H3N2)
- **Virus Characterization:** Genetic characterization data are now being reported

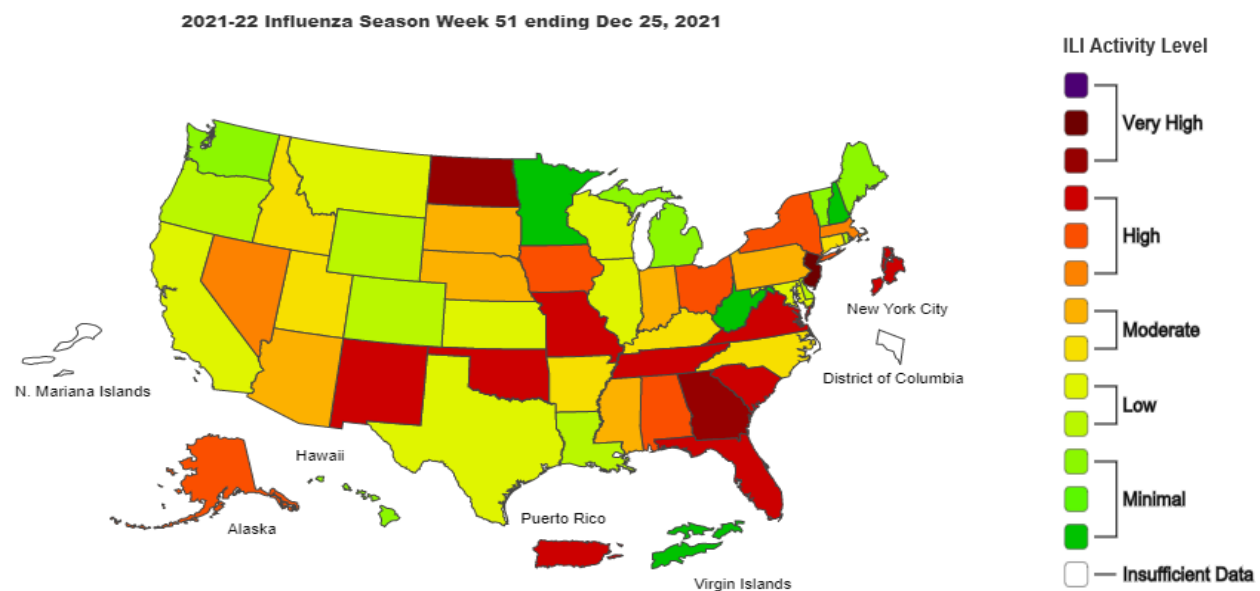
Illness

- **ILINet Outpatient Illness:** Nationwide during week 51, 3.8% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 12 jurisdiction experienced moderate activity and 19 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.9% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 1.8 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,825 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on December 25, 2021, 19.2% of the deaths that occurred during the week ending December 25th, 2021 (week 51), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.8% for this week.
- **Pediatric Deaths:** 0 influenza-associated pediatric deaths have occurred during the 2021-2022 season and have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 51 -- Ending December 25th, 2021



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

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

Data at a Glance December 12th, 2021 - December 18th, 2021 (Week 50)

	Current Week (50)	Previous Week (49)
Percentage of emergency department visits for ILI ¹	1.3%	1.4%
Percentage positive influenza tests ²	0.4%	0.6%
Portland tri-county influenza-associated hospitalizations ³	2	1
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	16.7%	11.4%

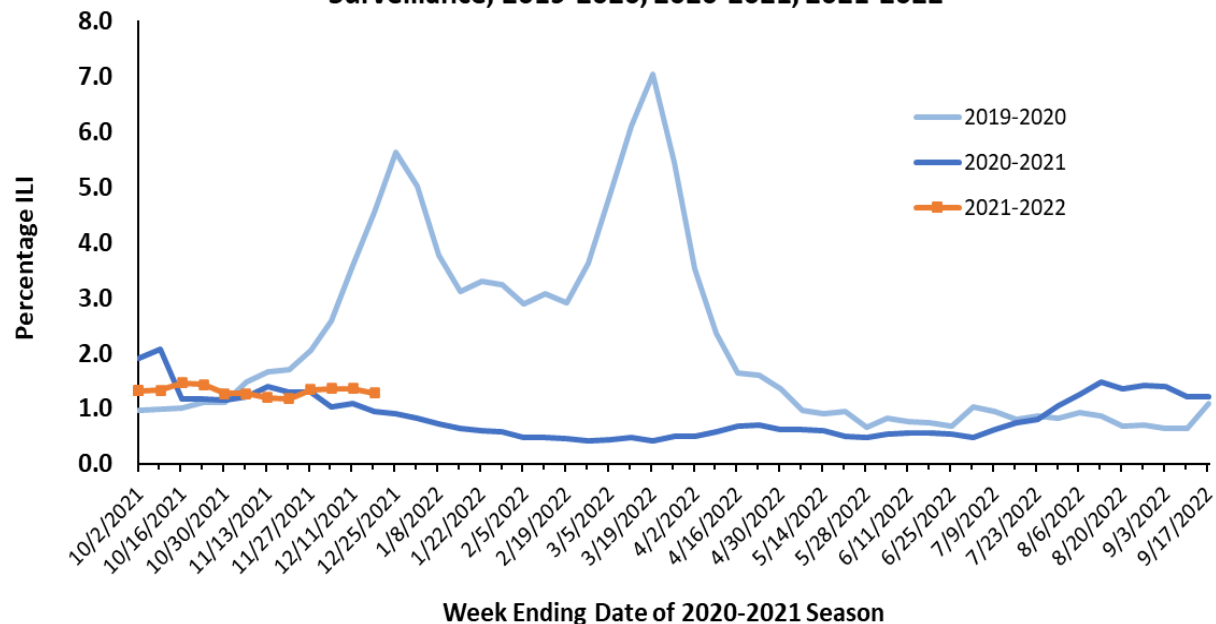
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 50, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.4% of specimens tested at Oregon labs were positive for influenza during week 50, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

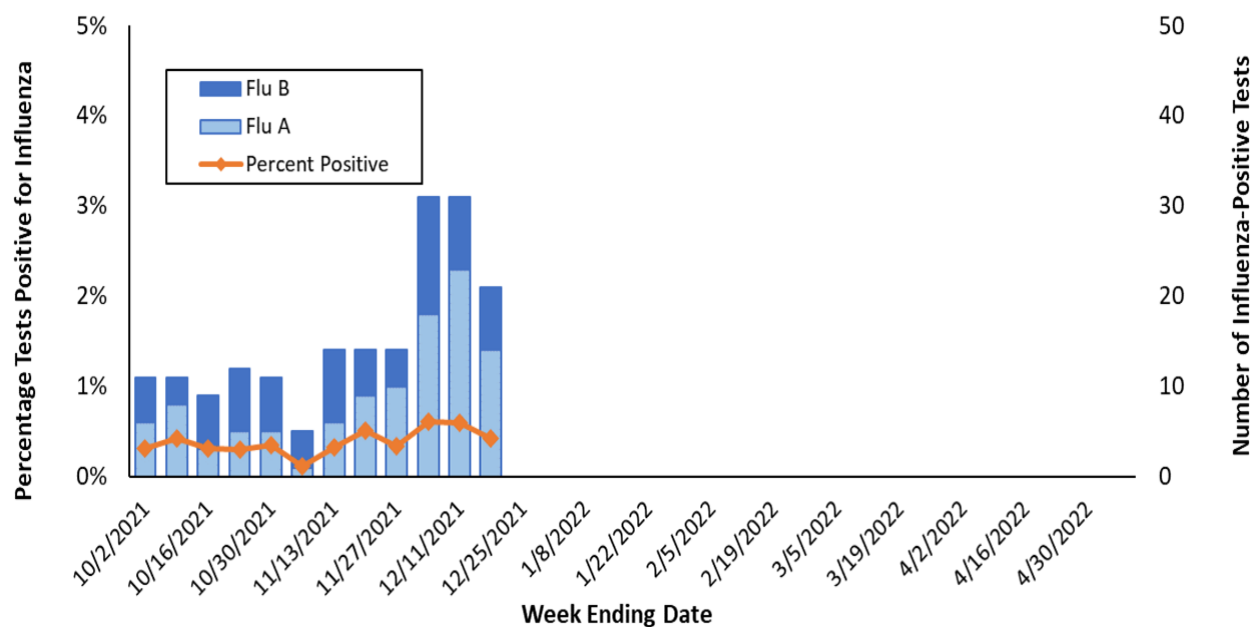
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

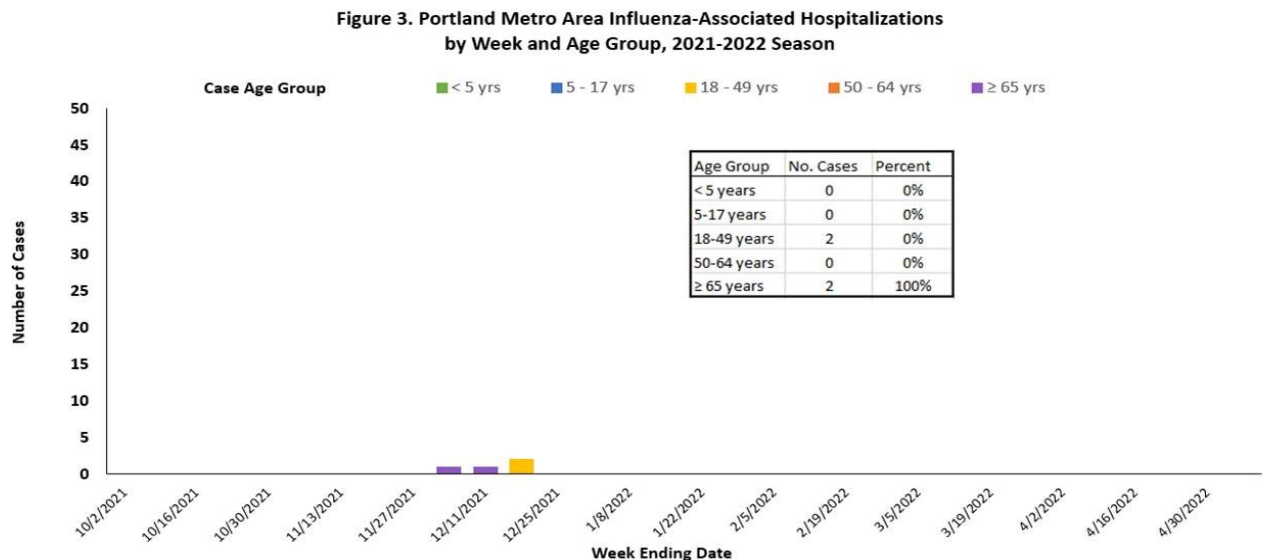
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2021–2022 Season

Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2617	7	0.3%	5	71.4%	2	28.6%
Southern Oregon	993	4	0.4%	4	100.0%	0	0.0%
Columbia Gorge	271	3	1.1%	2	66.7%	1	33.3%
Central Oregon	709	3	0.4%	3	100.0%	0	0.0%
Willamette Valley	411	4	1.0%	0	0.0%	4	100.0%
State Total	5001	21	0.4%	14	66.7%	7	33.3%

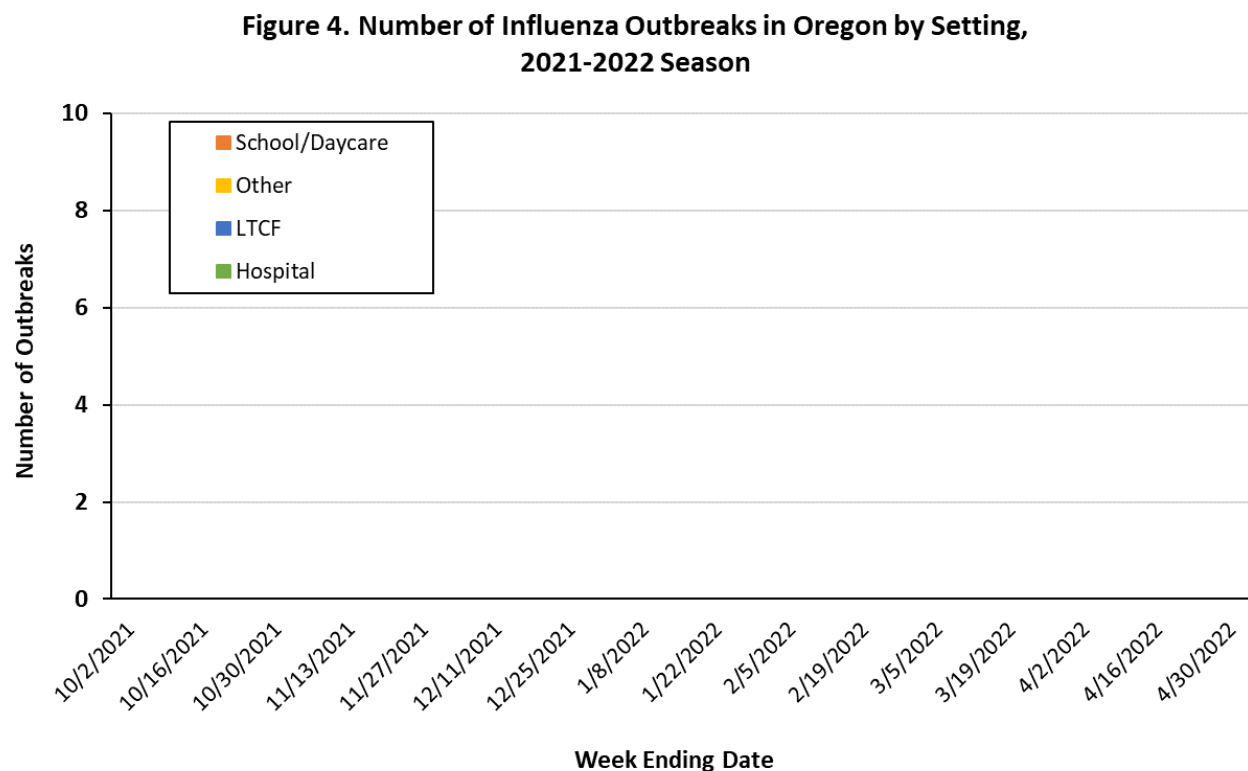
Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2021-2022 Season



Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were two influenza-associated hospitalization reported during week 50 of 2021. There has been four reported hospitalizations during the 2021-2022 season.

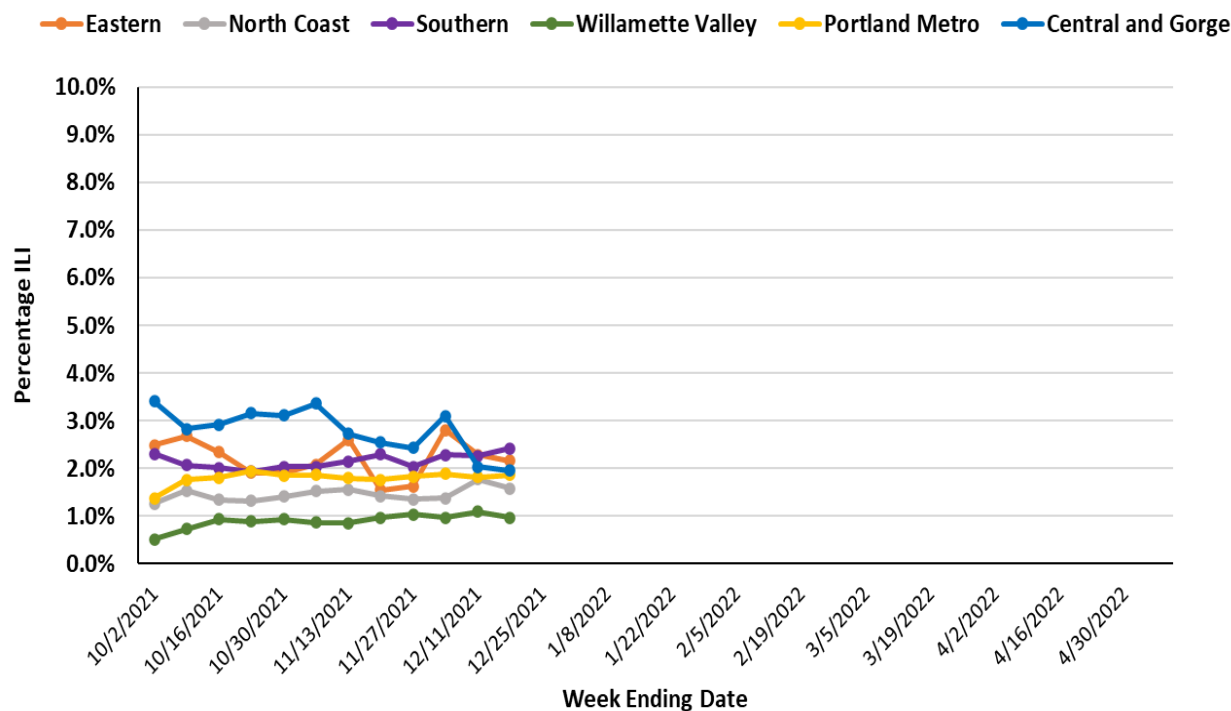


Influenza Outbreaks: There were no influenza outbreaks reported during week 50, 2021 and none yet reported during in the 2021-2022 influenza season.



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 50 of 2021 was 1.8%. Regionally, the percent was highest in the Southern region (2.4%) and lowest in the Willamette Valley (1.0%).

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



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 50, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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 5.6% this week.
- **Public Health Labs:** The majority of viruses detected are influenza A (H3N2)
- **Virus Characterization:** Genetic characterization data are now being reported

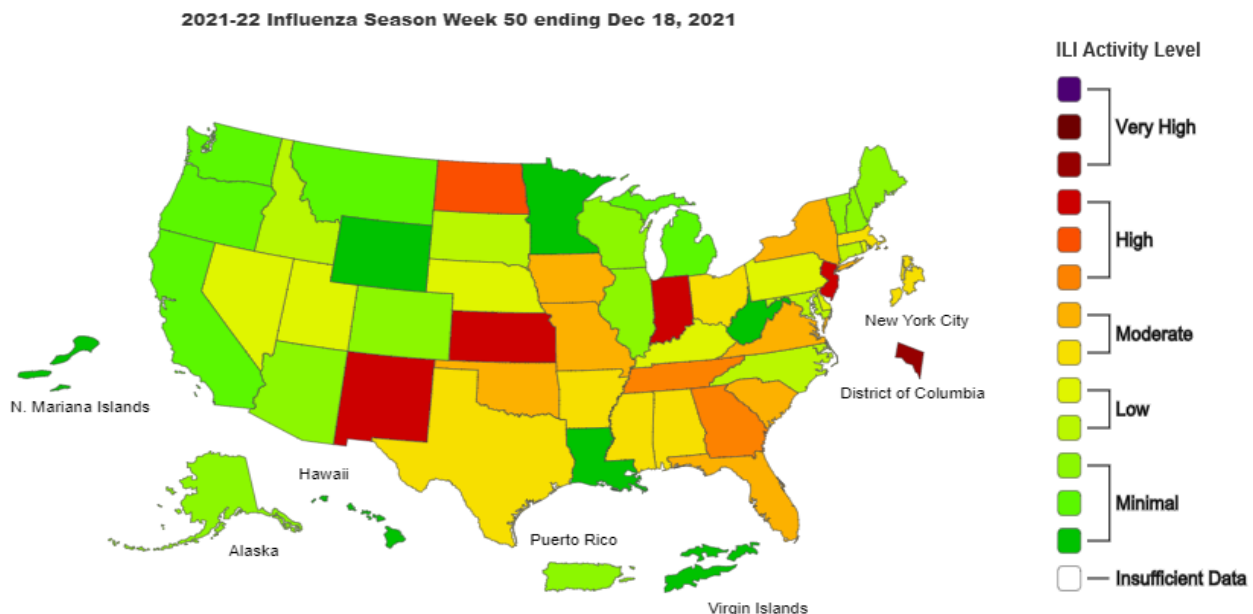
Illness

- **ILINet Outpatient Illness:** Nationwide during week 50, 3.1% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is above the national baseline.
- **ILINet Activity Map:** This week, 14 jurisdiction experienced moderate activity and 8 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.6% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** 1.4 per 100,000 cumulative hospitalization rate
- **HHS Protect Hospitalizations:** 1,265 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on December 27, 2021, 18.8% of the deaths that occurred during the week ending December 18th, 2021 (week 50), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.7% for this week.
- **Pediatric Deaths:** 2 influenza-associated pediatric deaths have occurred during the 2021-2022 season and have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 50 -- Ending December 18th, 2021

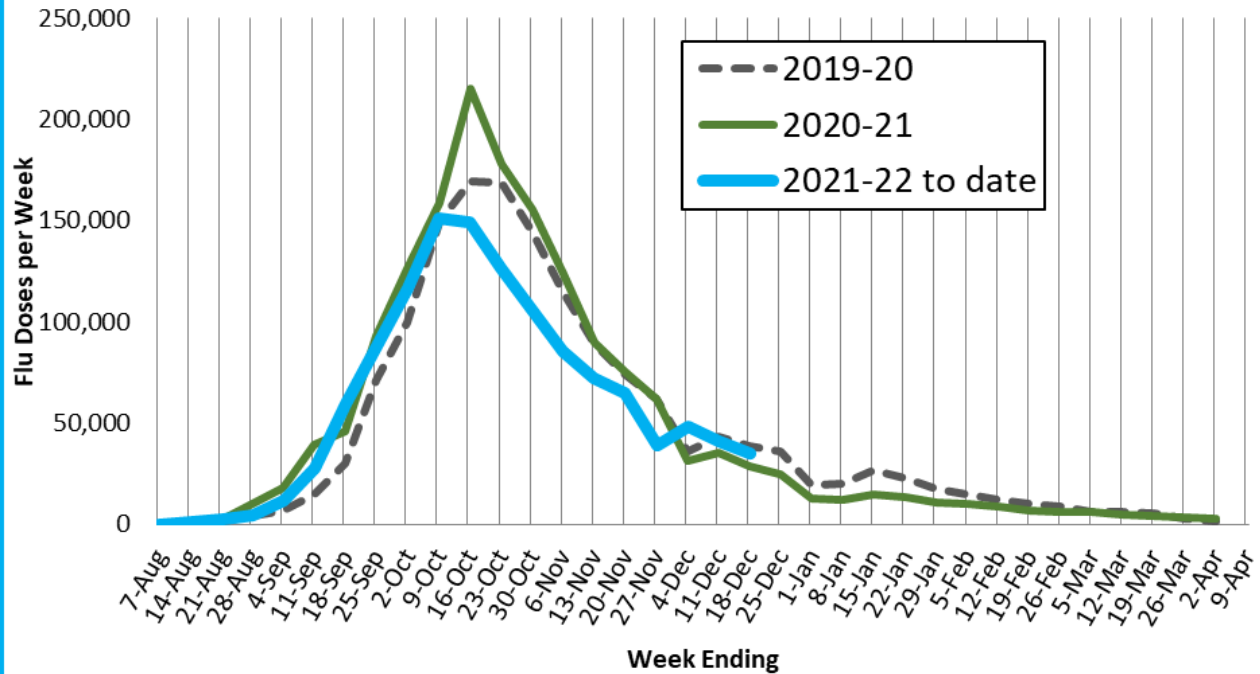


Map above: This map uses the proportion of outpatient visits to healthcare providers for influenza-like illness to measure the ILI activity level within a state. It does not, however, measure the extent of geographic spread of flu within a state. Therefore, outbreaks occurring in a single city could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

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

Vaccination Information: As we approach the end of December, the decline in new weekly influenza immunizations is similar to past seasons. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). A chart is included this week showing the decline to date, by age, in influenza immunization totals across last season to this season. The decline is stronger among children than adults. For adults, the decline in immunizations coincided with the availability of COVID-19 boosters. For adults who received a booster in October, 77% have also received an influenza immunization this season, with 24% receiving it on the same day as their booster.

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



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

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

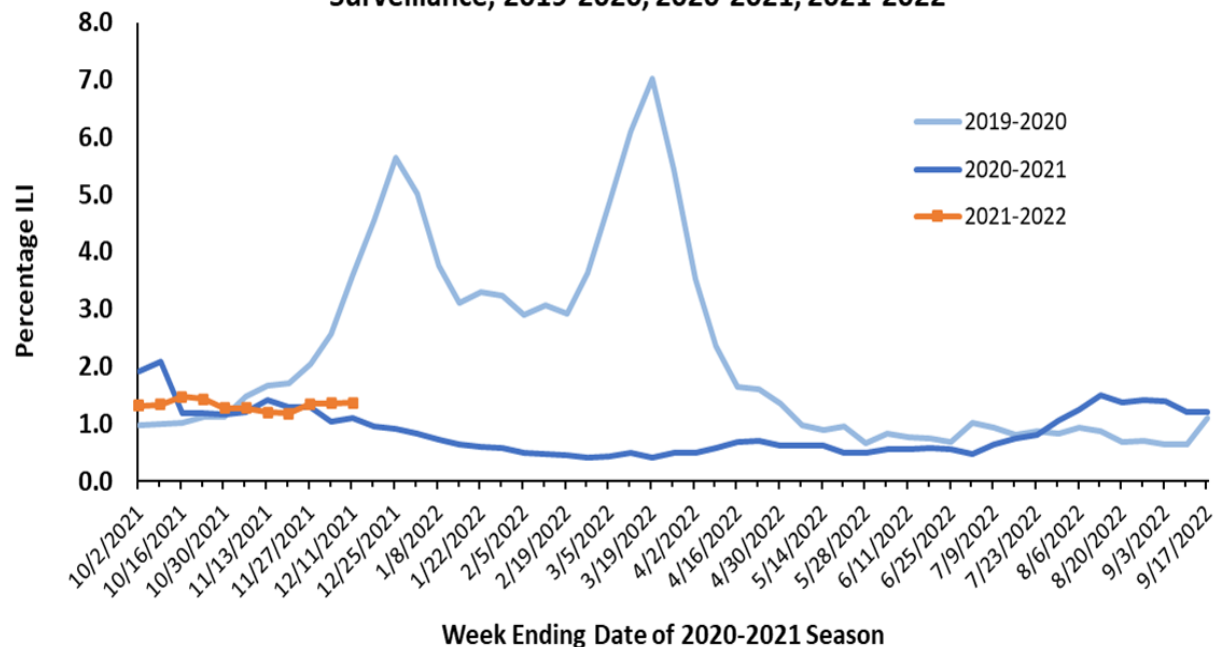
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.4% during week 49, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.6% of specimens tested at Oregon labs were positive for influenza during week 49, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

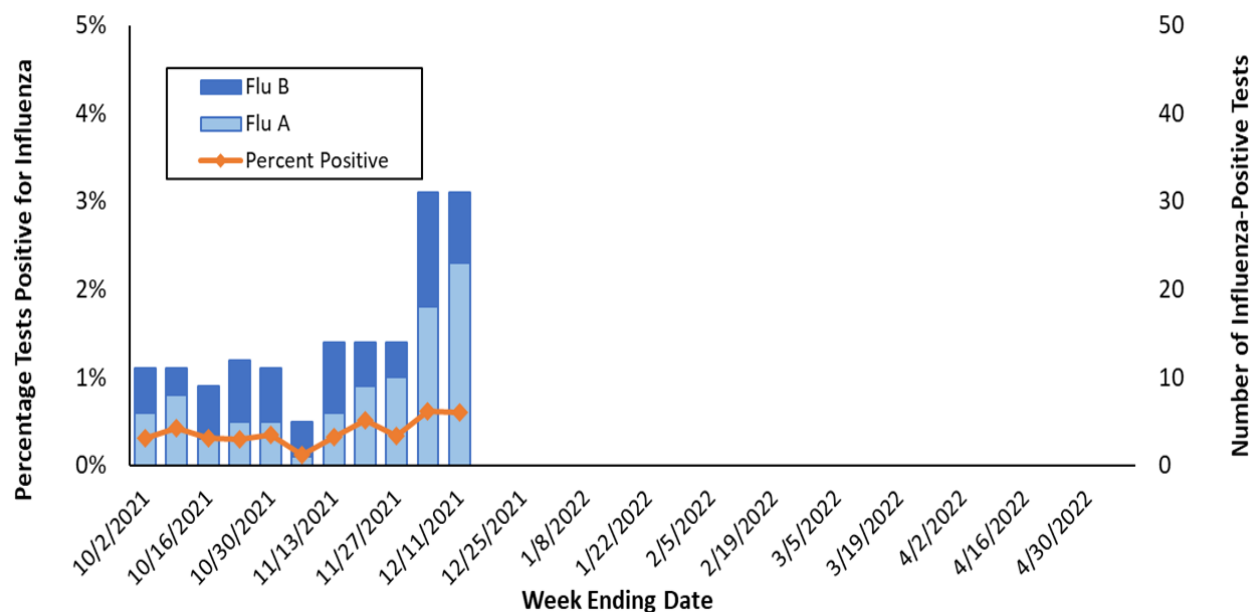
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

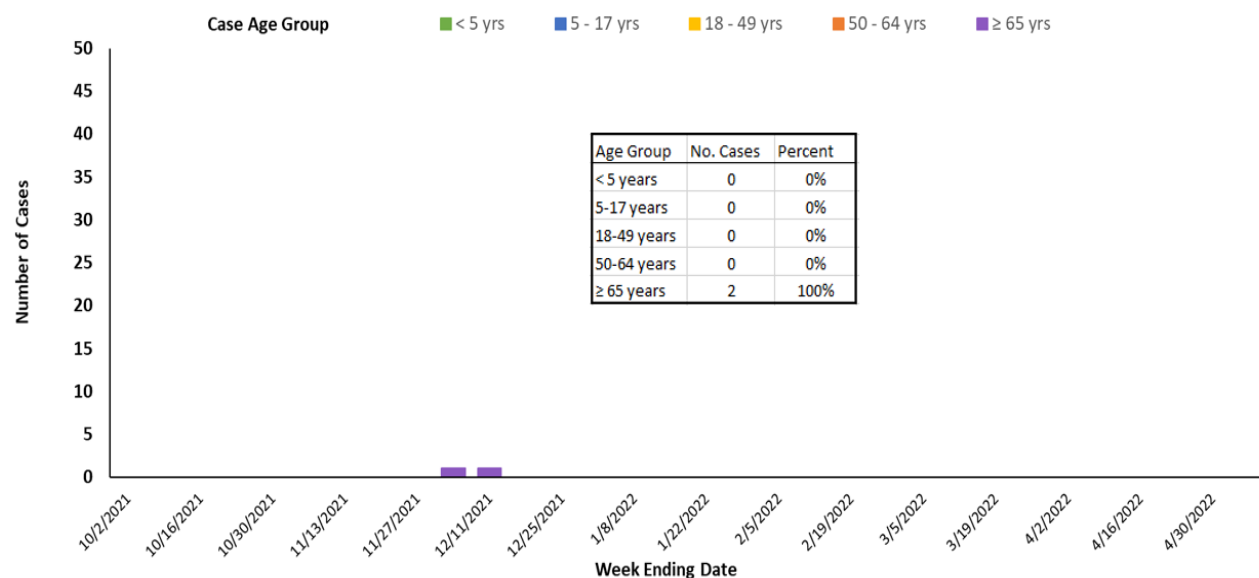
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2457	12	0.5%	10	83.3%	2	16.7%
Southern Oregon	1334	12	0.9%	7	58.3%	5	41.7%
Columbia Gorge	311	0	0.0%	0	0.0%	0	0.0%
Central Oregon	682	1	0.1%	1	100.0%	0	0.0%
Willamette Valley	387	6	1.6%	5	83.3%	1	16.7%
State Total	5171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

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



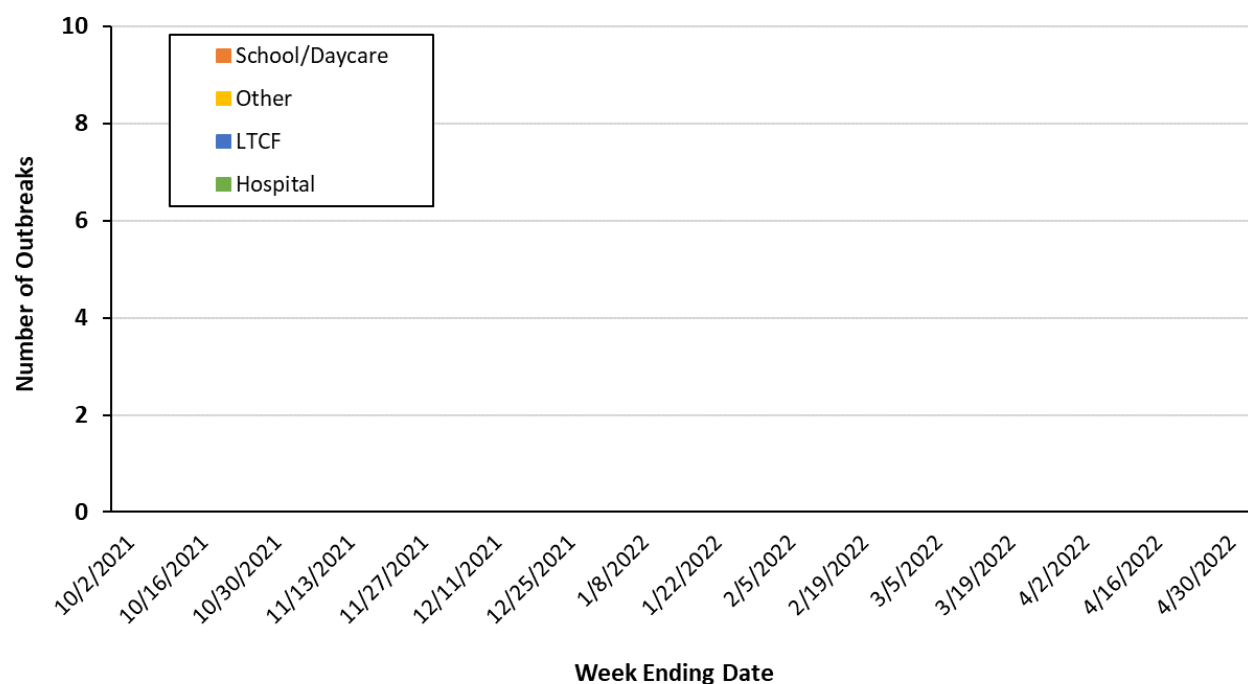
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was one influenza-associated hospitalization reported during week 49 of 2021. There has been one reported hospitalization during the 2021-2022 season.

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



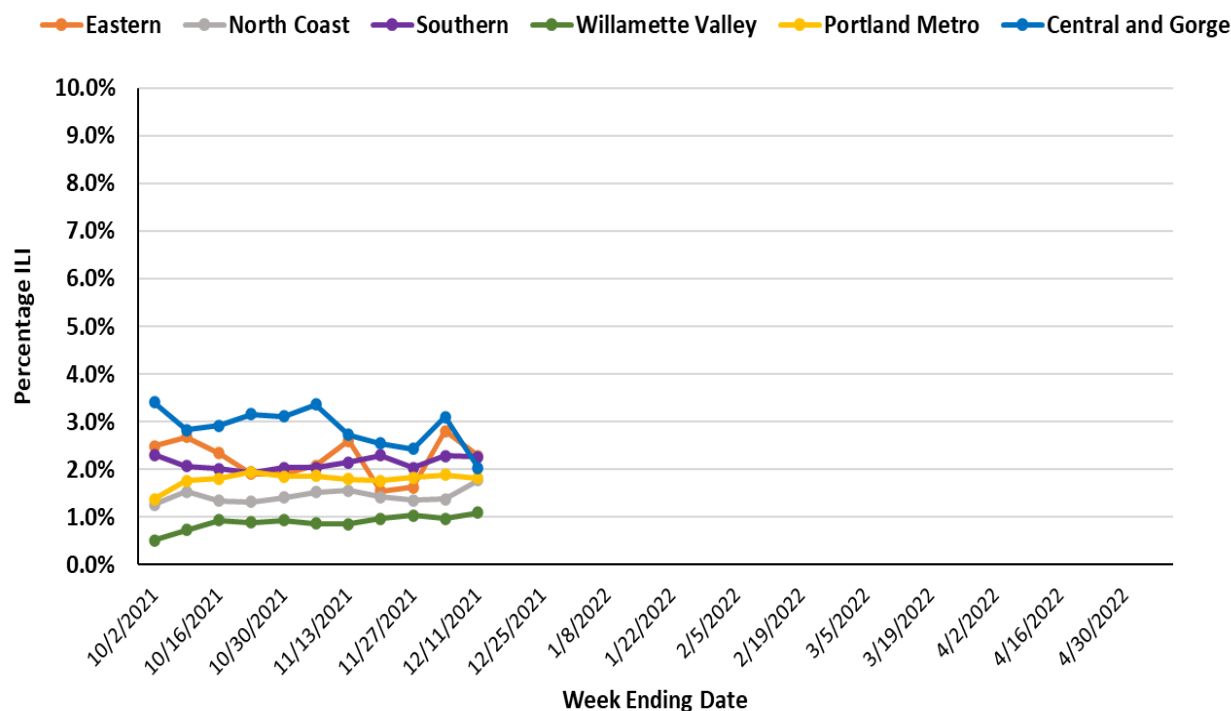
Influenza Outbreaks: There were no influenza outbreaks reported during week 49, 2021 and none yet reported during in the 2021-2022 influenza season.

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



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

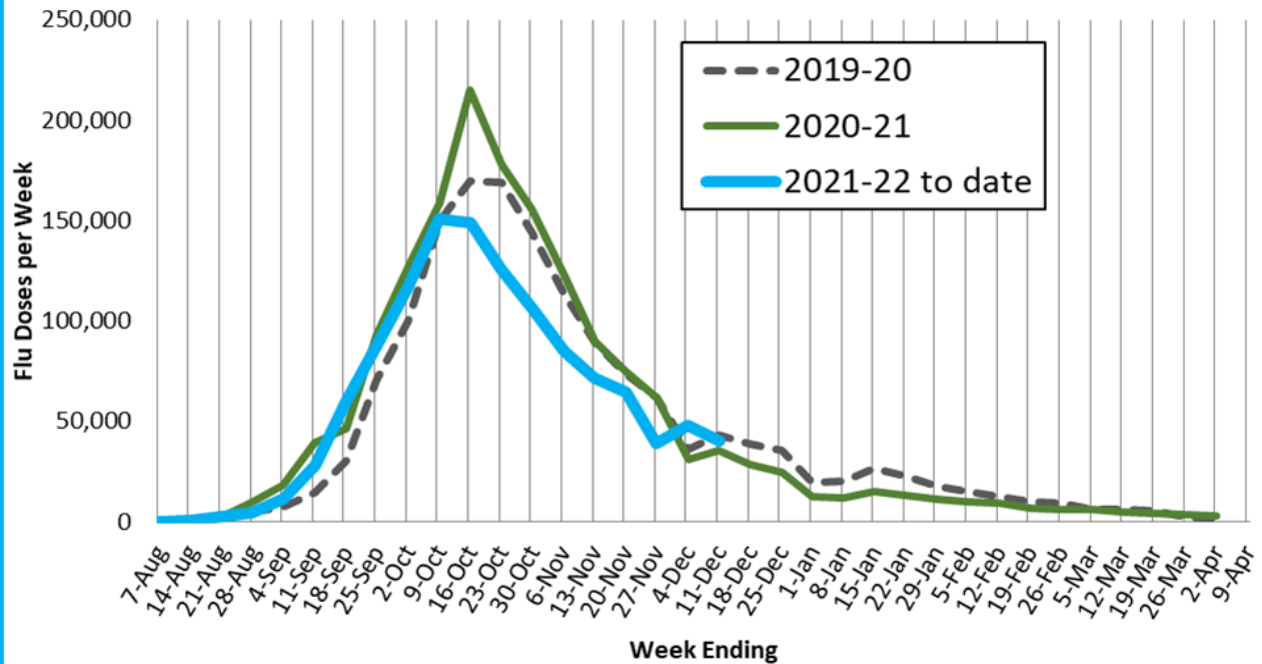
Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 49, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

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

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



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

Viruses

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

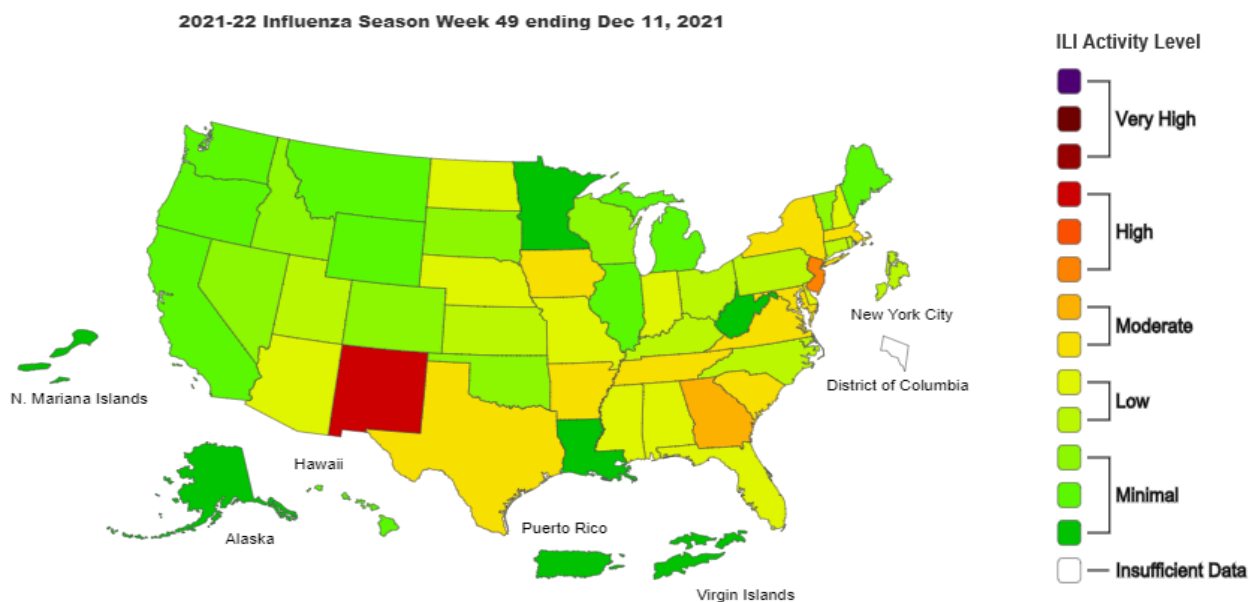
Illness

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

Severe Disease

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

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



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

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

Data at a Glance November 28, 2021 - December 4, 2021 (Week 48)

	Current Week (48)	Previous Week (47)
Percentage of emergency department visits for ILI ¹	1.4%	1.3%
Percentage positive influenza tests ²	0.6%	0.3%
Portland tri-county influenza-associated hospitalizations ³	1	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	10.7%	12.1%

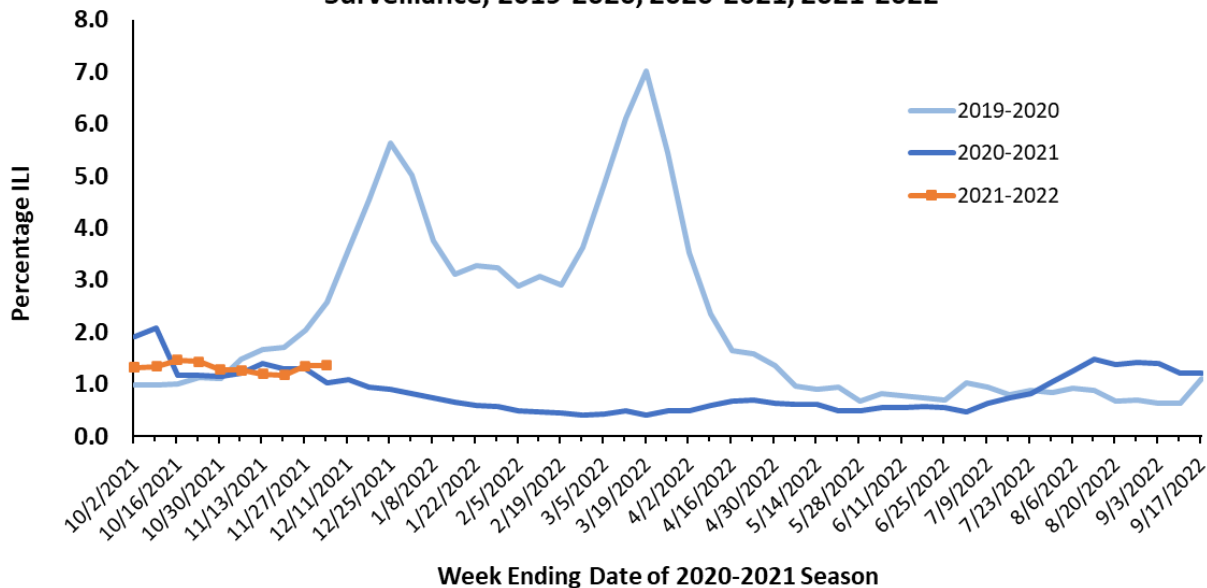
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.4% during week 48, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.6% of specimens tested at Oregon labs were positive for influenza during week 48, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

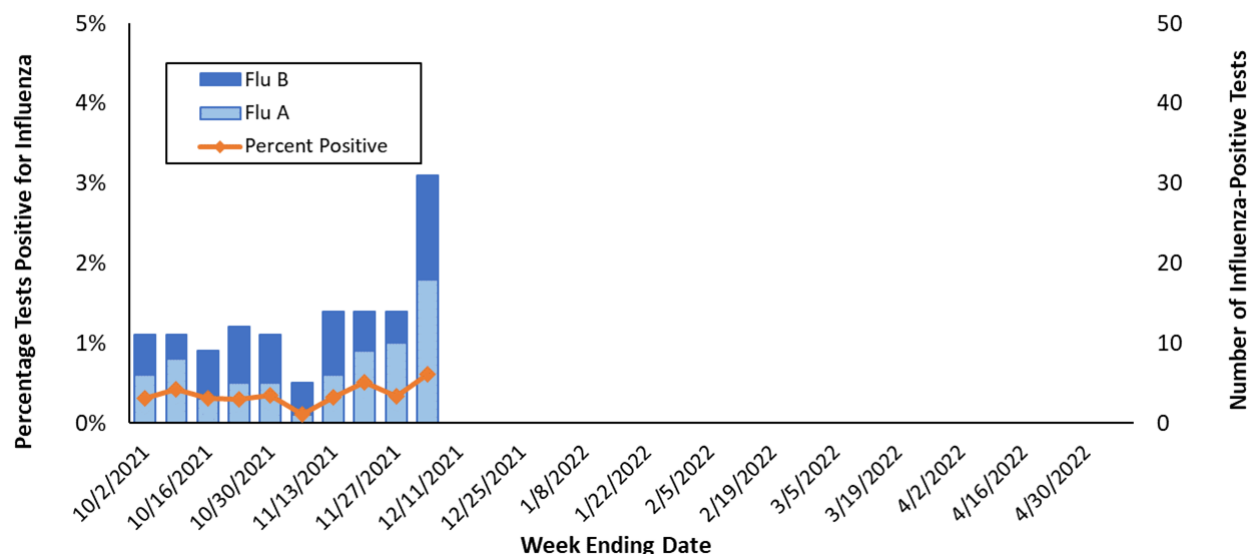
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

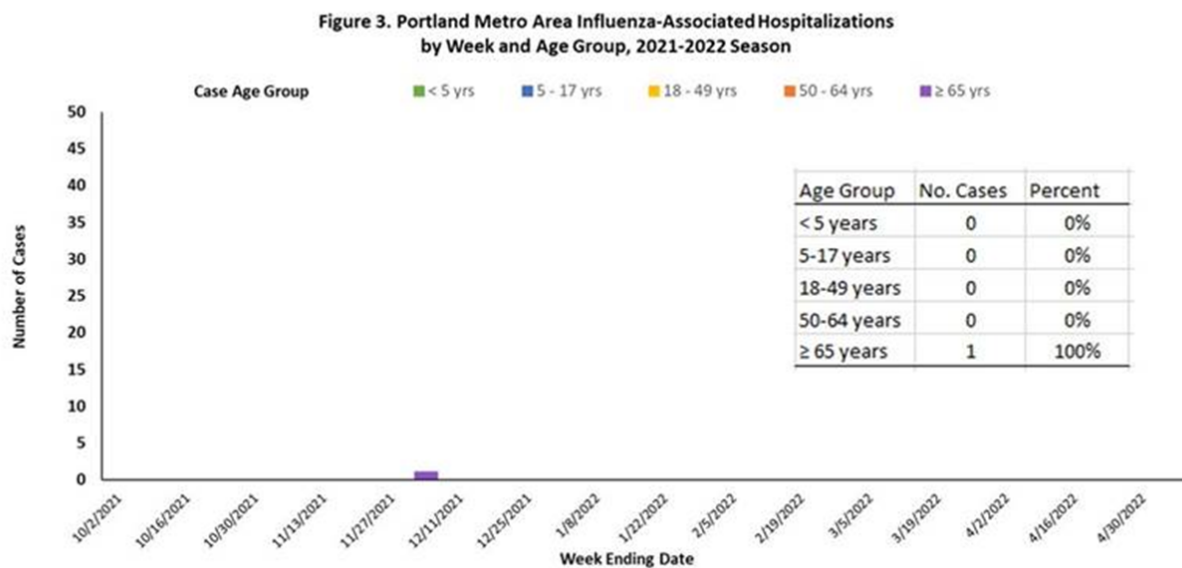
Table 1. Influenza Test Results in Oregon, NREVSS, Current Week, 2021–2022 Season

Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2456	5	0.2%	4	80.0%	1	20.0%
Southern Oregon	1352	18	1.3%	12	66.7%	6	33.3%
Columbia Gorge	148	0	0.0%	0	0.0%	0	0.0%
Central Oregon	671	2	0.3%	1	50.0%	1	50.0%
Willamette Valley	429	6	1.4%	1	16.7%	5	83.3%
State Total	5056	31	0.6%	18	58.1%	13	41.9%

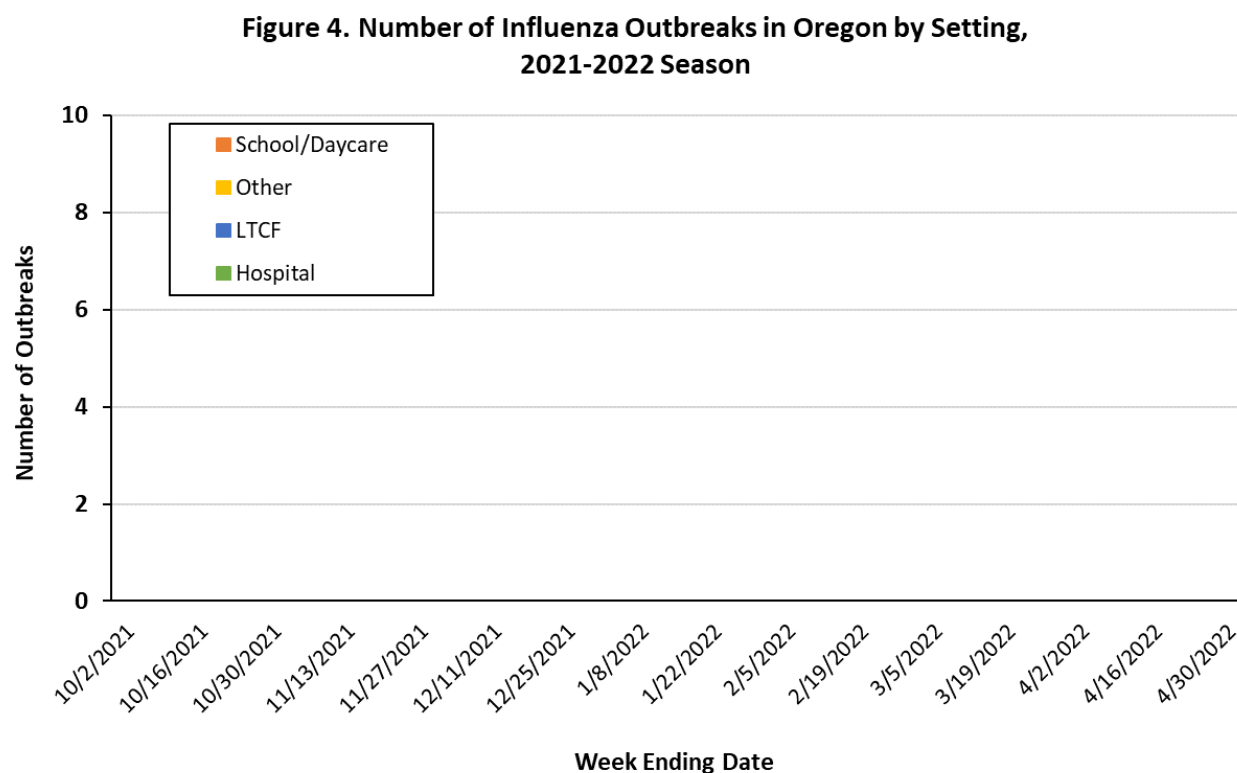
Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2021-2022 Season



Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was one influenza-associated hospitalization reported during week 48 of 2021. There has been one reported hospitalization during the 2021-2022 season.

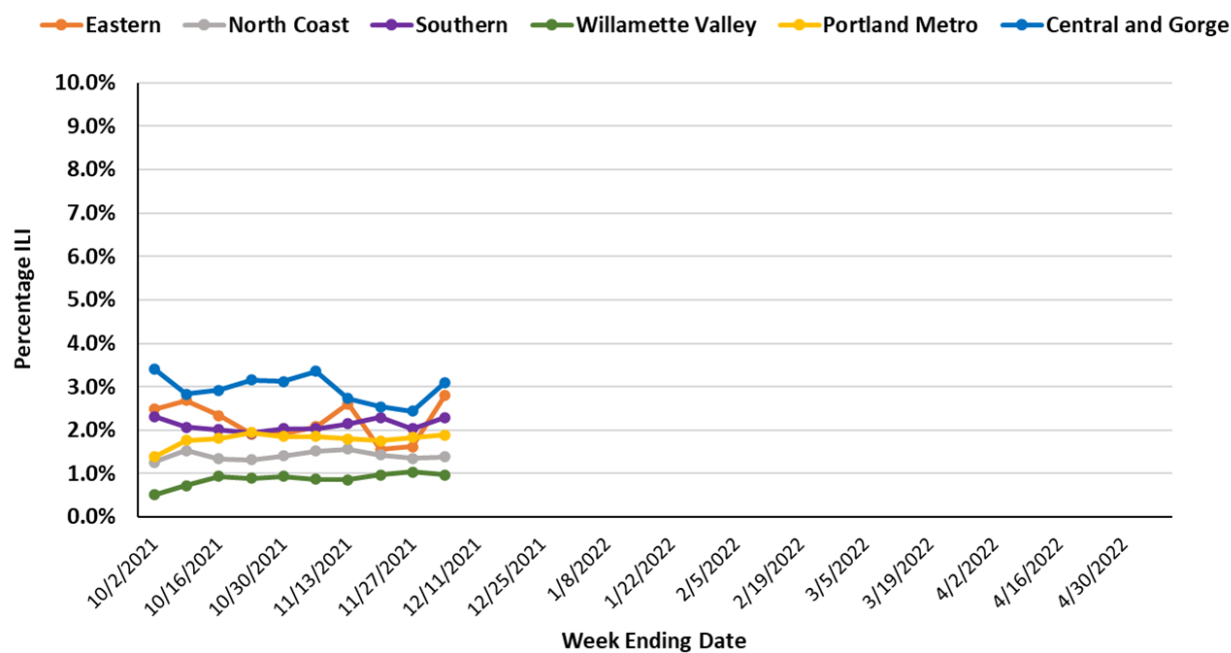


Influenza Outbreaks: There were no influenza outbreaks reported during week 48, 2021 and none yet reported during in the 2021-2022 influenza season.



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 48 of 2021 was 1.9%. Regionally, the percent was highest in the Central and Gorge regions (3.1%) and lowest in the Willamette Valley (1.0%).

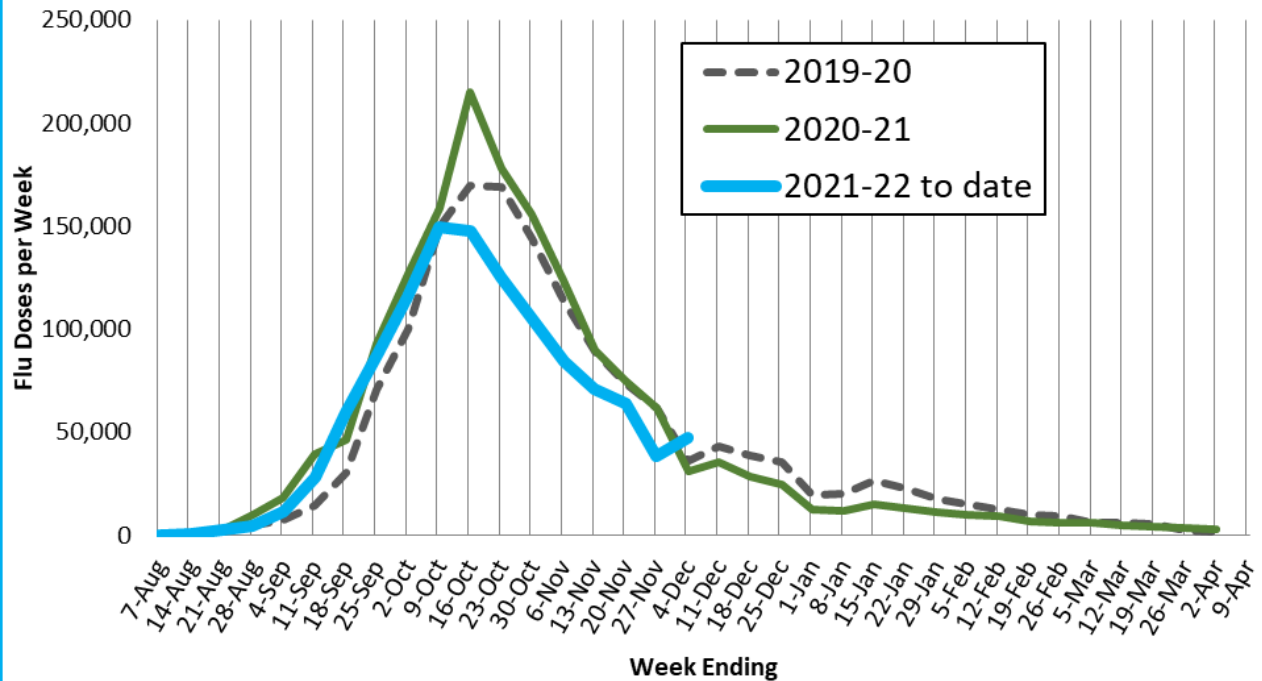
Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 48, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: As we enter December, influenza immunization seeking has rebounded from Thanksgiving-week lows. The week of December 5th to 11th is also National Influenza Vaccination Week. This event sponsored by the CDC highlights the importance of influenza immunization and is likely to spur further immunizations here in Oregon. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Dec 6th of 2021, the ALERT IIS has 1.2 million influenza immunizations given to Oregonians this season to date.

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



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

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 2.6% this week.
- **Public Health Labs:** A small but increasing number of specimens have tested positive. The majority of viruses are influenza A (H3N2)
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

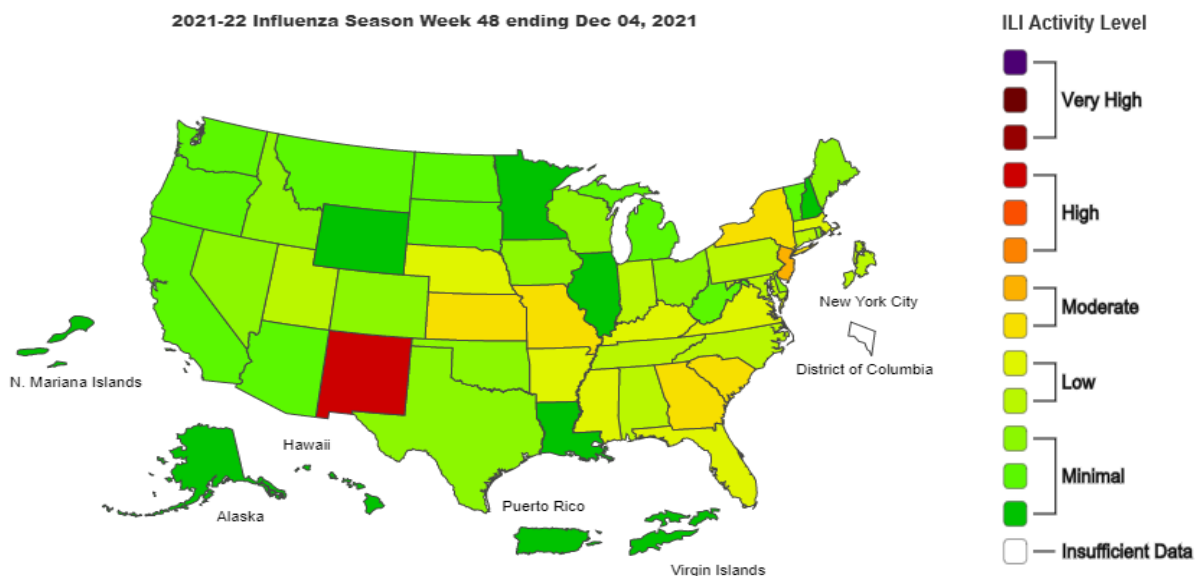
Illness

- **ILINet Outpatient Illness:** Nationwide during week 48, 2.5% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is equal to the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 6 jurisdiction experienced moderate activity and 1 jurisdiction 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:** National hospitalization rates will be updated starting later this season.
- **HHS Protect Hospitalizations:** 841 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on December 10, 2021, 17.5% of the deaths that occurred during the week ending December 4th, 2021 (week 48), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 6.5% for this week.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 48 -- Ending December 4th, 2021



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

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

Data at a Glance November 21, 2021 - November 27, 2021 (Week 47)

	Current Week (47)	Previous Week (46)
Percentage of emergency department visits for ILI ¹	1.3%	1.2%
Percentage positive influenza tests ²	0.3%	0.5%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	12.1%	7.3%

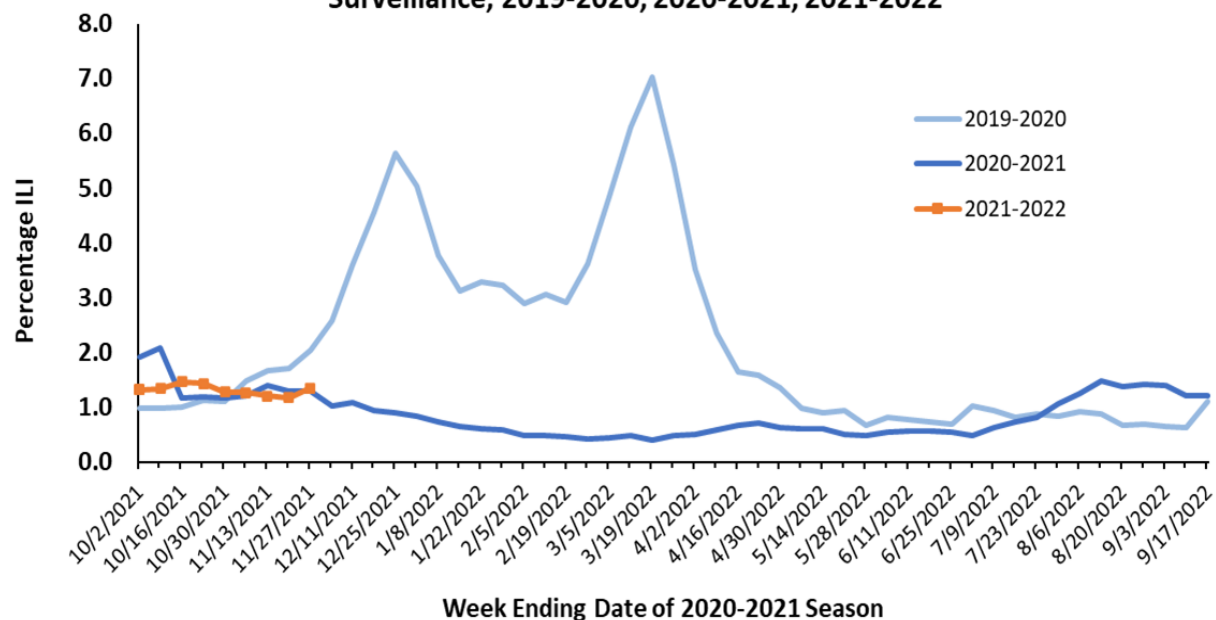
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 47, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.3% of specimens tested at Oregon labs were positive for influenza during week 47, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

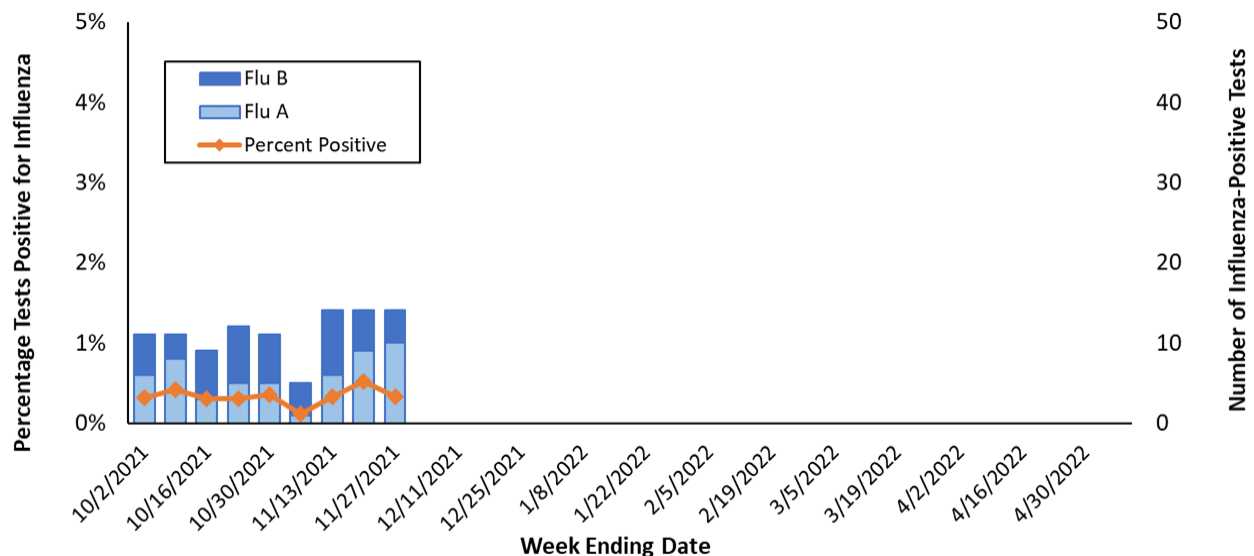
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

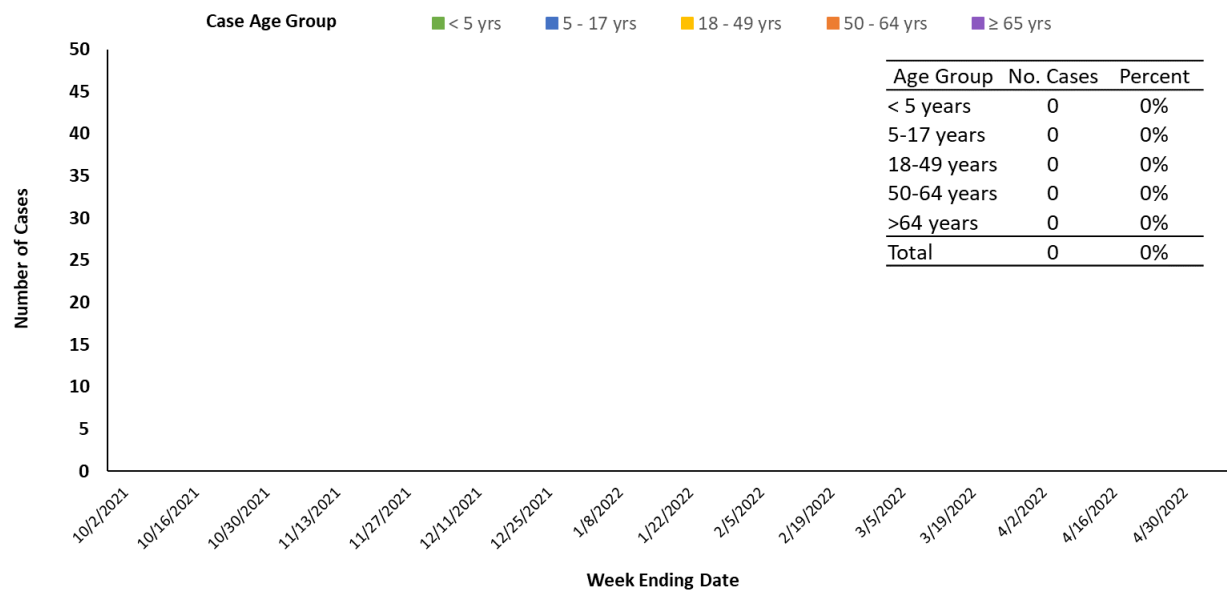
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2156	4	0.2%	4	100.0%	0	0.0%
Southern Oregon	1066	4	0.4%	2	50.0%	2	50.0%
Columbia Gorge	113	3	2.7%	2	66.7%	1	33.3%
Central Oregon	575	1	0.2%	0	0.0%	1	100.0%
Willamette Valley	334	2	0.6%	2	100.0%	0	0.0%
State Total	4244	14	0.3%	10	71.4%	4	28.6%

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



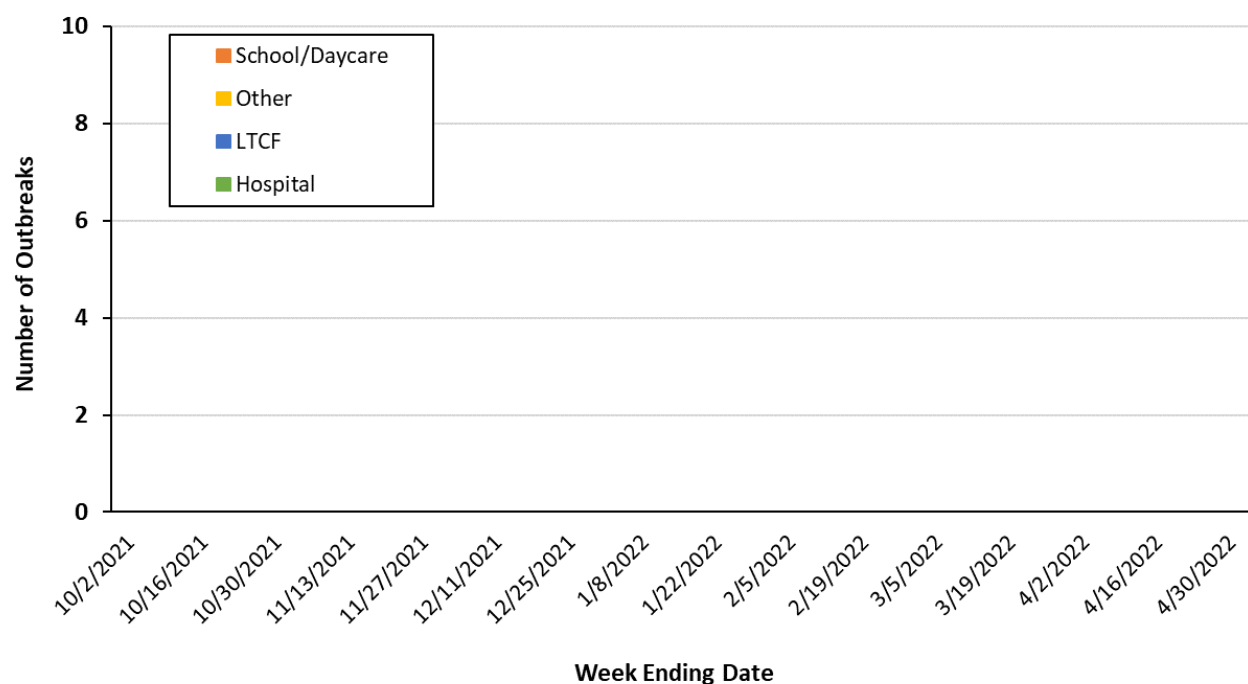
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 47 of 2021. There have been no reported hospitalizations during the 2021-2022 season.

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



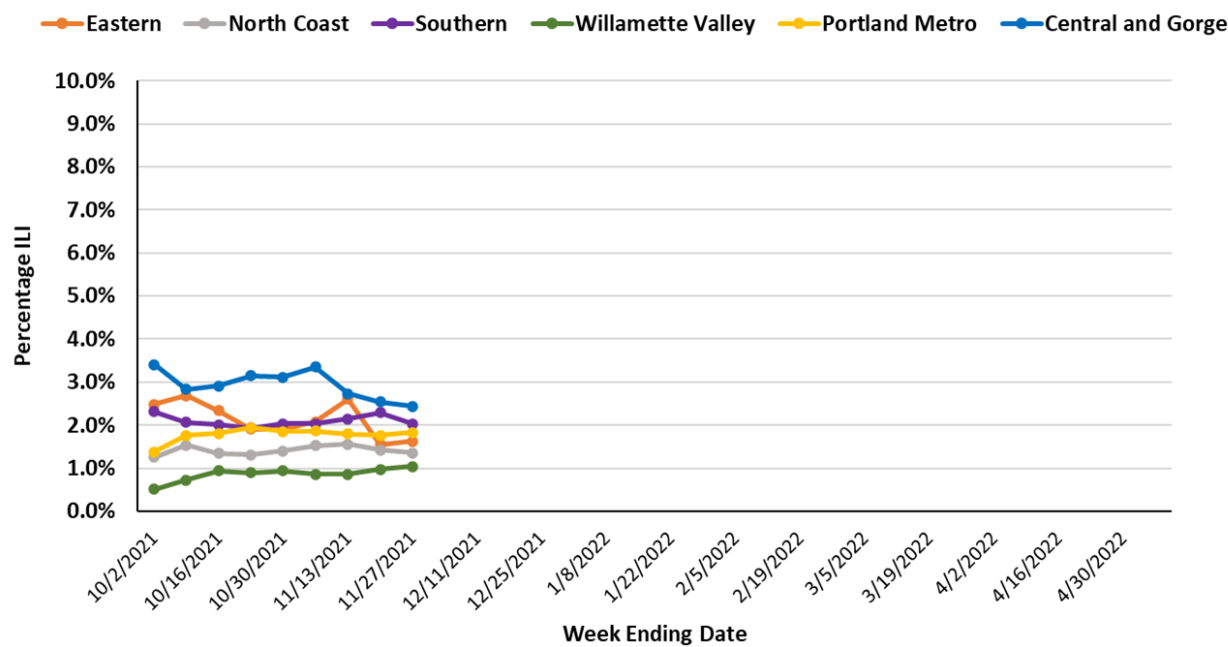
Influenza Outbreaks: There were no influenza outbreaks reported during week 47, 2021 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 47 of 2021 was 1.7%. Regionally, the percent was highest in the Central and Gorge regions (2.4%) and lowest in the Willamette Valley (1.0%).

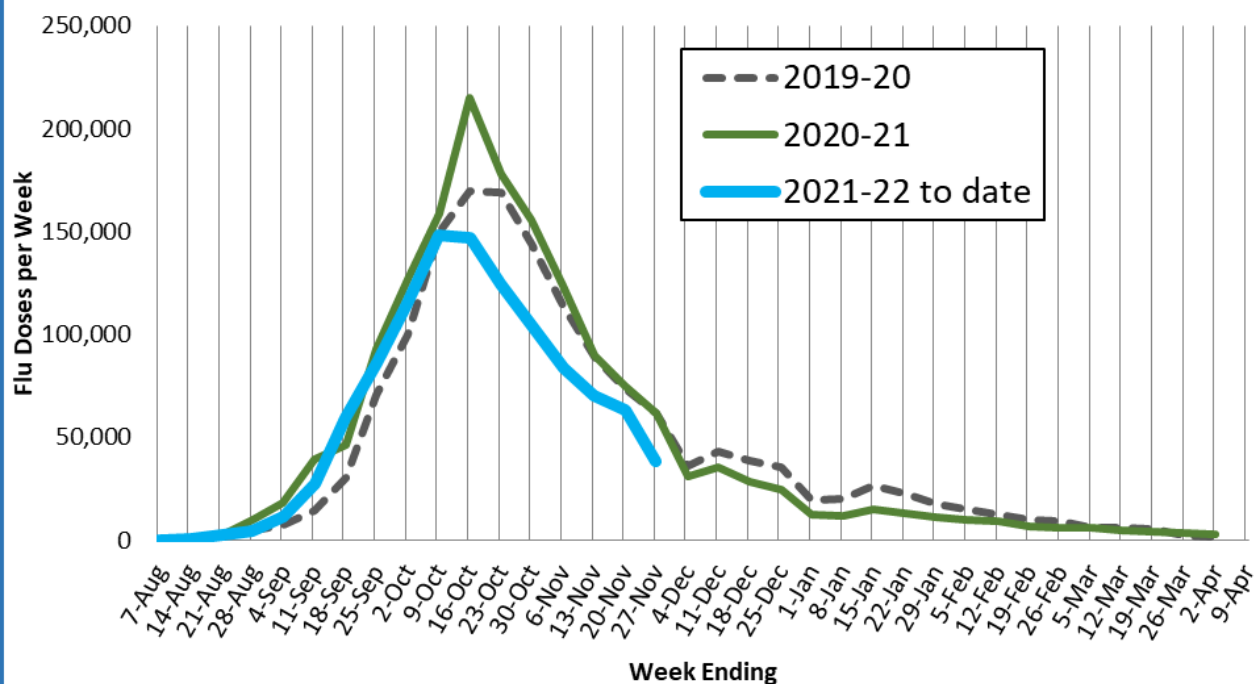
Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022



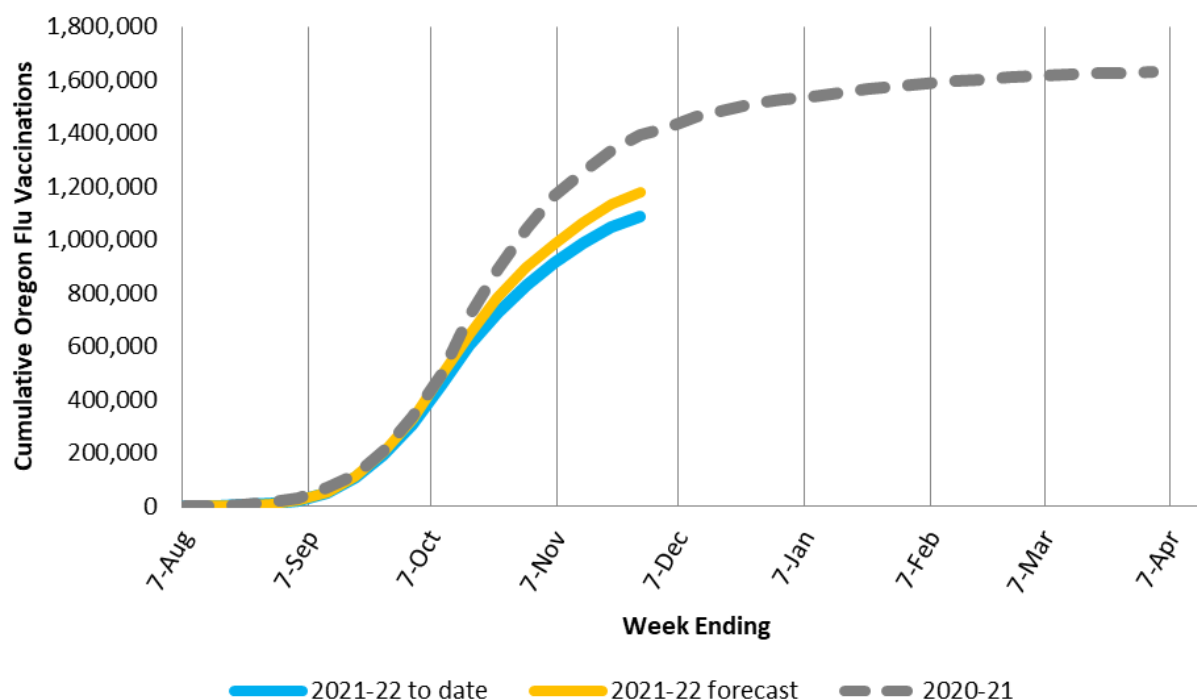
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 47, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: As of Dec 1st of 2021, the amount of new, weekly influenza immunizations in Oregon is continuing to decline. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). So far this season, the ALERT IIS has 1.11 million records for influenza immunizations given to Oregonians.

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



2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season

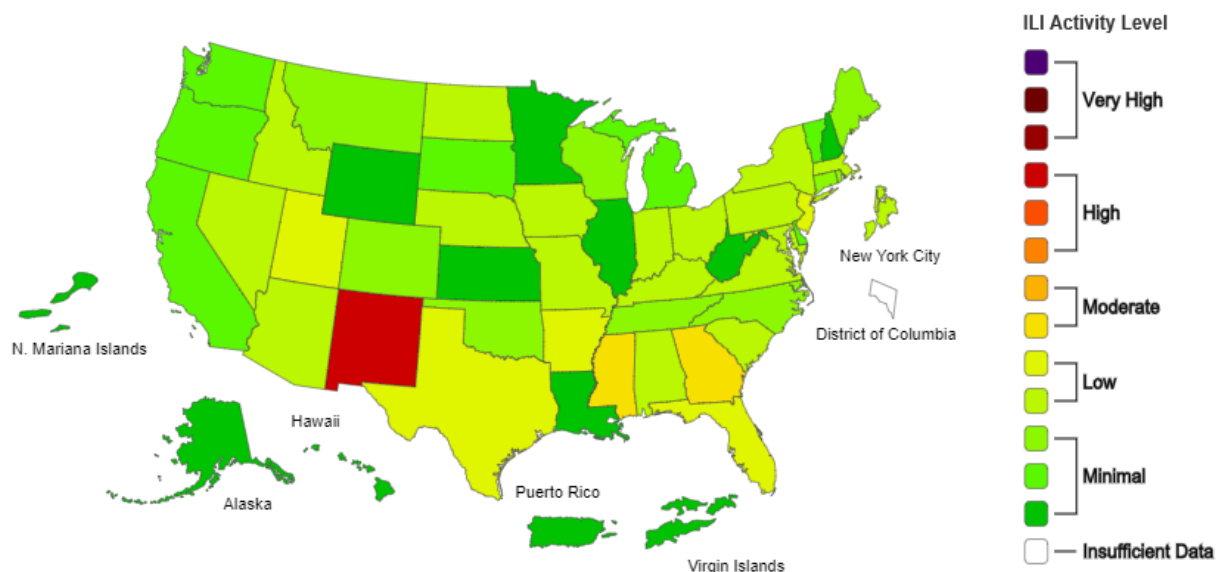


Viruses

- ## Illness

- ## Severe Disease

- Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet**
2021-2022 Influenza Season Week 47 -- Ending November 27, 2021



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>

Data at a Glance November 14, 2021 - November 20, 2021 (Week 46)

	Current Week (46)	Previous Week (45)
Percentage of emergency department visits for ILI ¹	1.2%	1.2%
Percentage positive influenza tests ²	0.5%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	7.3%	7.1%

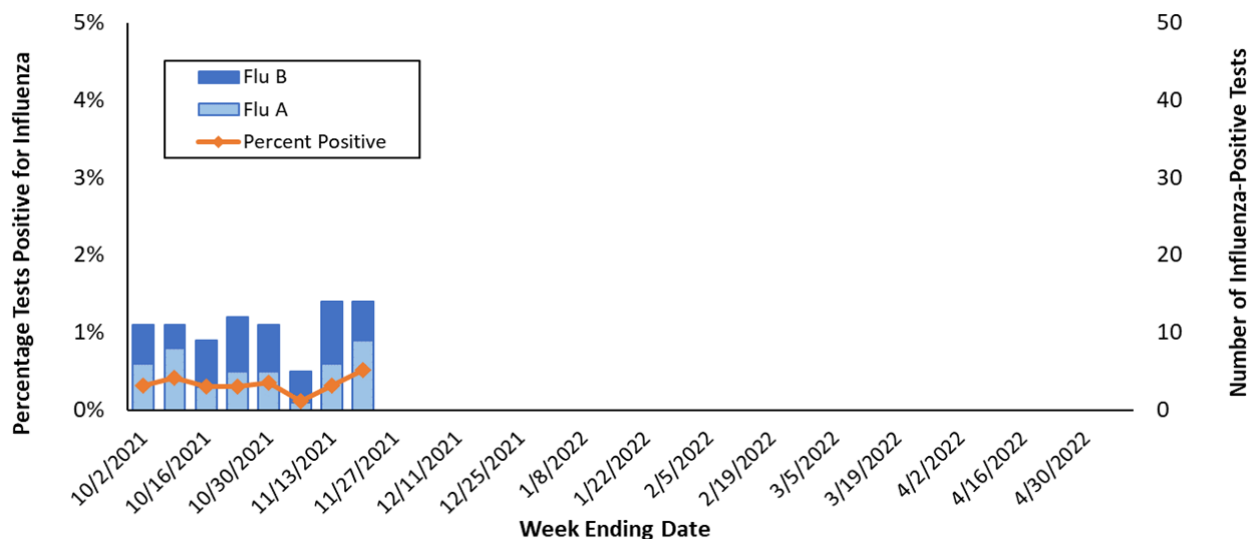
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2021-2022 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 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 1.2% during week 46, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.5% of specimens tested at Oregon labs were positive for influenza during week 46, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

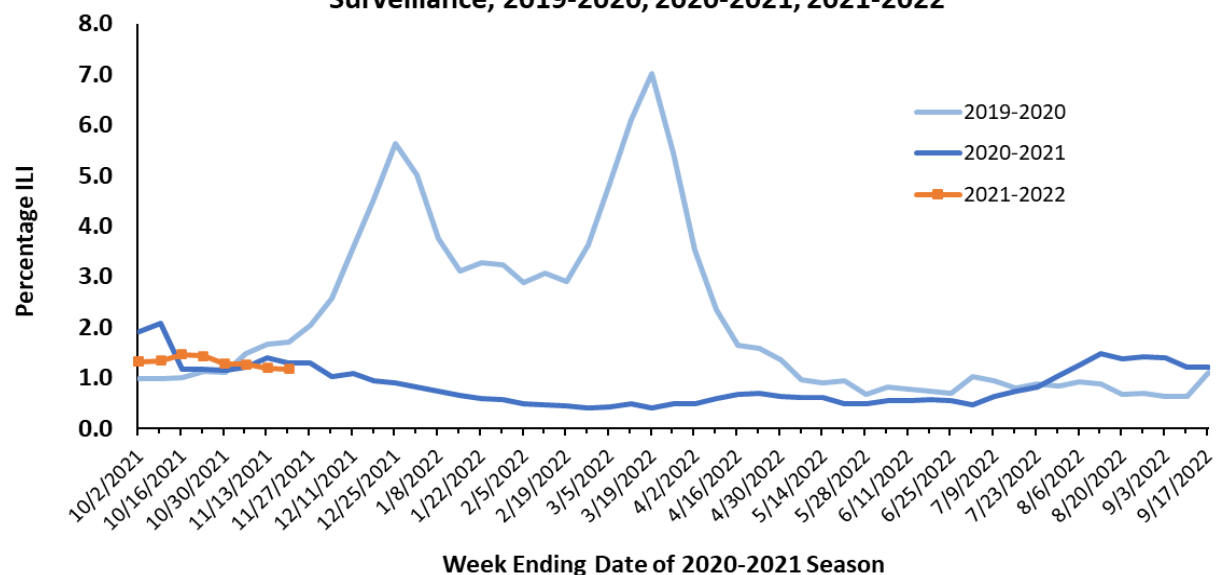
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

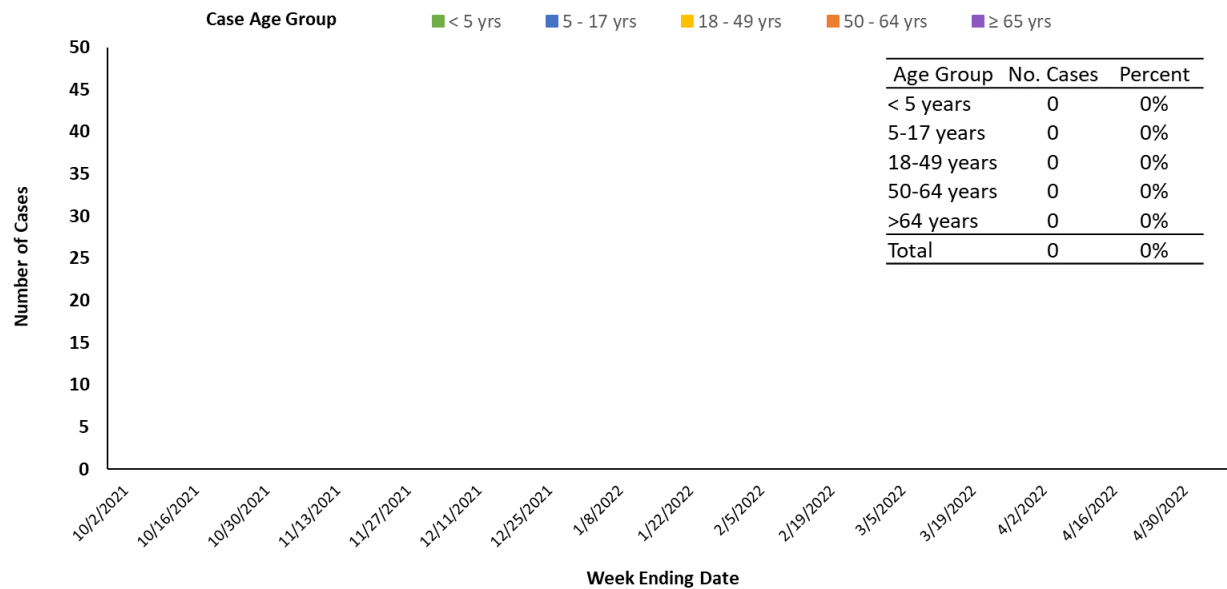
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1249	3	0.2%	3	100.0%	0	0.0%
Southern Oregon	882	10	1.1%	6	60.0%	4	40.0%
Columbia Gorge	126	0	0.0%	0	0.0%	0	0.0%
Central Oregon	35	1	2.9%	0	0.0%	1	100.0%
Willamette Valley	432	0	0.0%	0	0.0%	0	0.0%
State Total	2724	14	0.5%	9	64.3%	5	35.7%

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



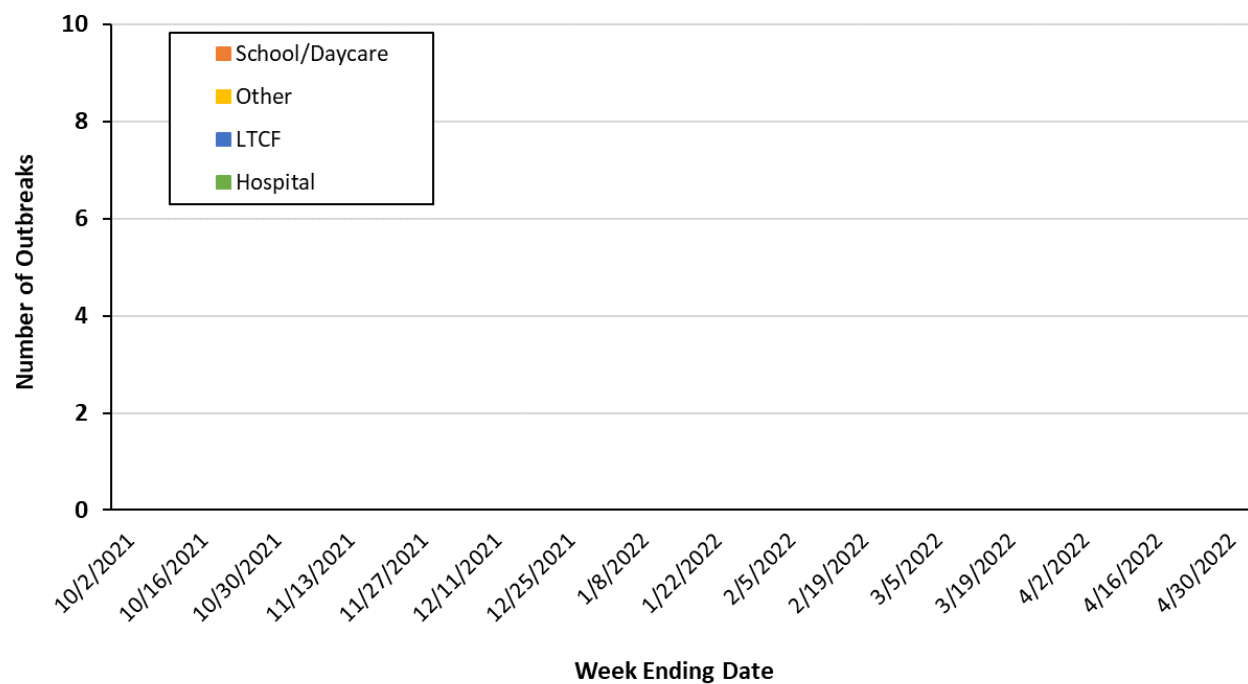
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 46 of 2021. There have been no reported hospitalizations during the 2021-2022 season.

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



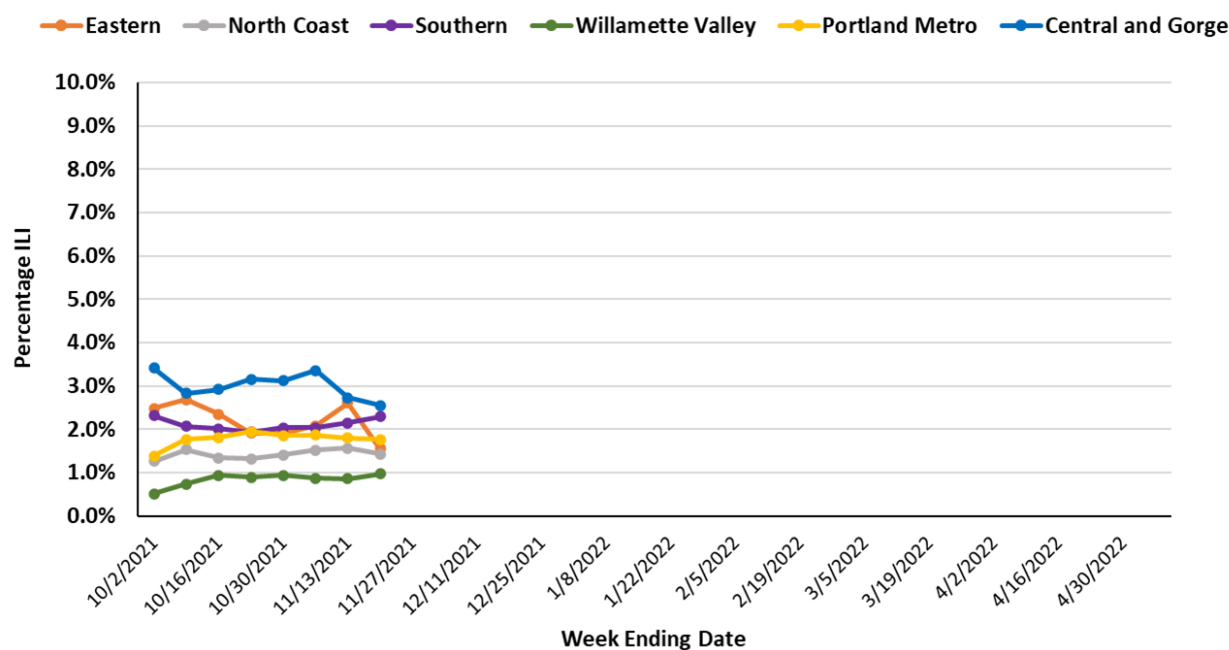
Influenza Outbreaks: There were no influenza outbreaks reported during week 46, 2021 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 46 of 2021 was 1.7%. Regionally, the percent was highest in the Central and Gorge regions (2.5%) and lowest in the Willamette Valley (1.0%).

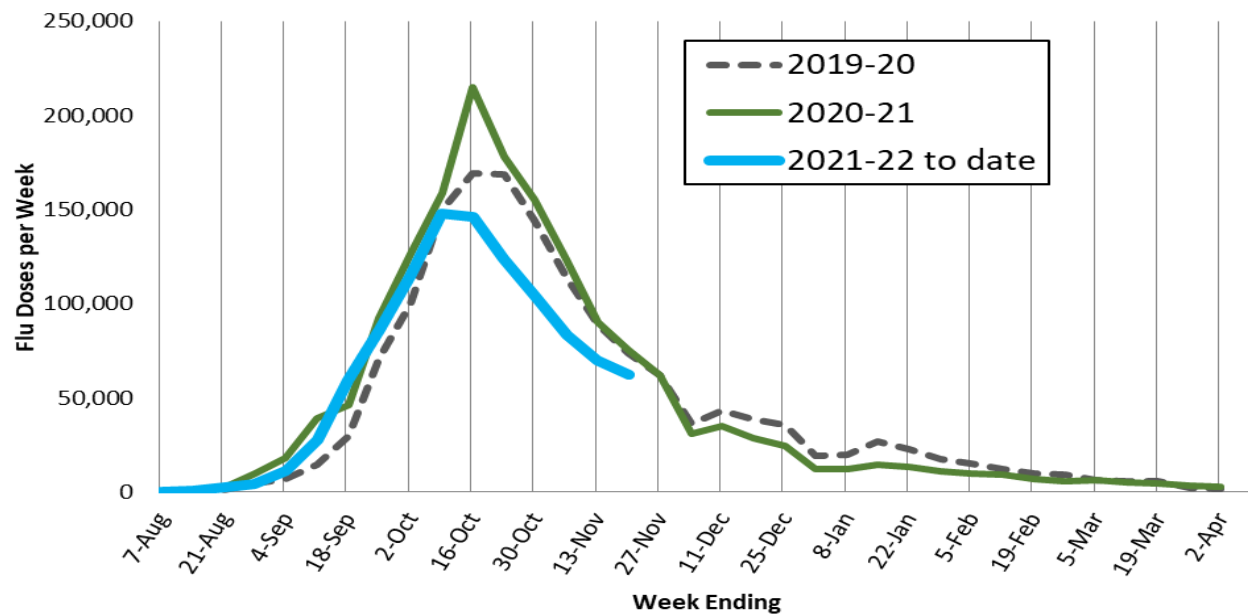
Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2022



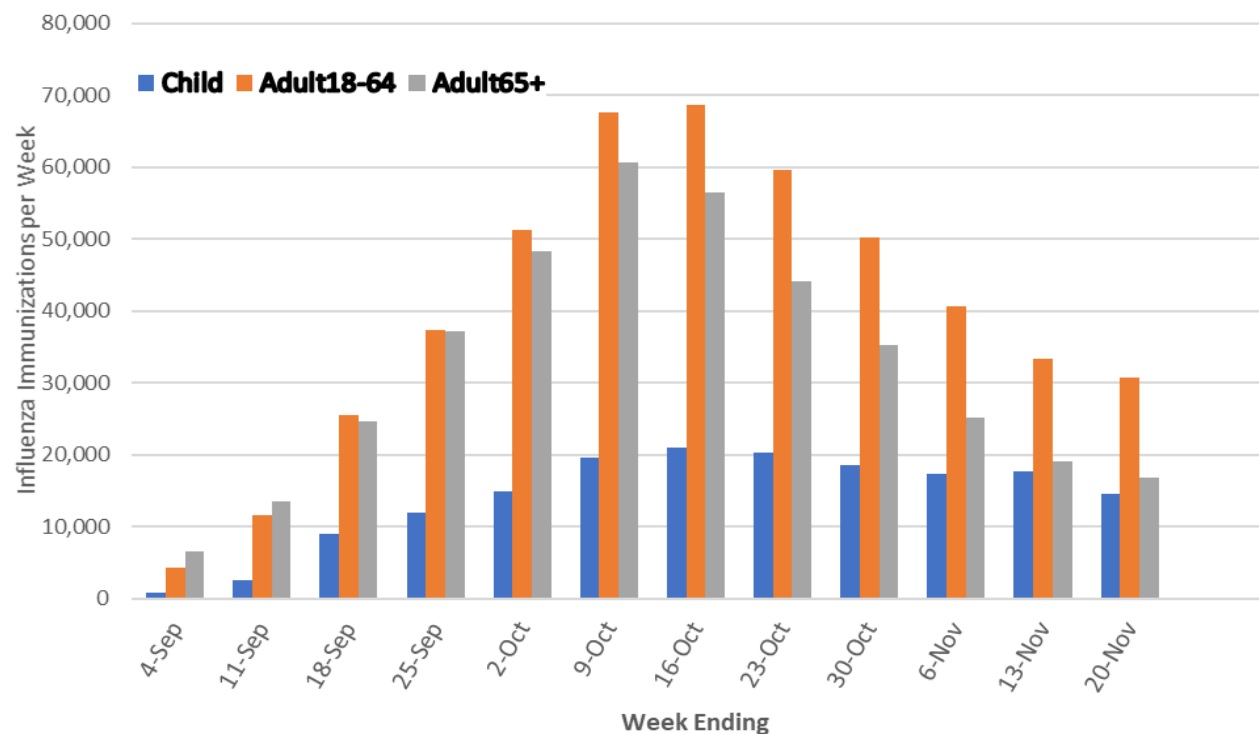
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 46, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: As of Nov 24th of 2021, the total of new, weekly influenza immunizations is continuing to decline going into Thanksgiving. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of this date, the ALERT IIS has 1.06 million records for influenza immunizations given this season to Oregonians. A question is whether this season, will more immunizations be given later in the Fall & Winter than previously observed. For this week, a chart is included showing totals by week by broad age categories. Senior adult immunizations peaked in early October and declined as expected. Non-senior adult immunizations are not declining post-peak as rapidly as seniors. Child influenza immunizations are not showing a strong weekly peak and are continuing with only small decline to the present.

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



Weekly Influenza Immunizations by Broad Age Categories in Oregon, as of Nov 24th, 2021



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 0.7% this week.
- **Public Health Labs:** A small but increasing number of specimens have tested positive
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

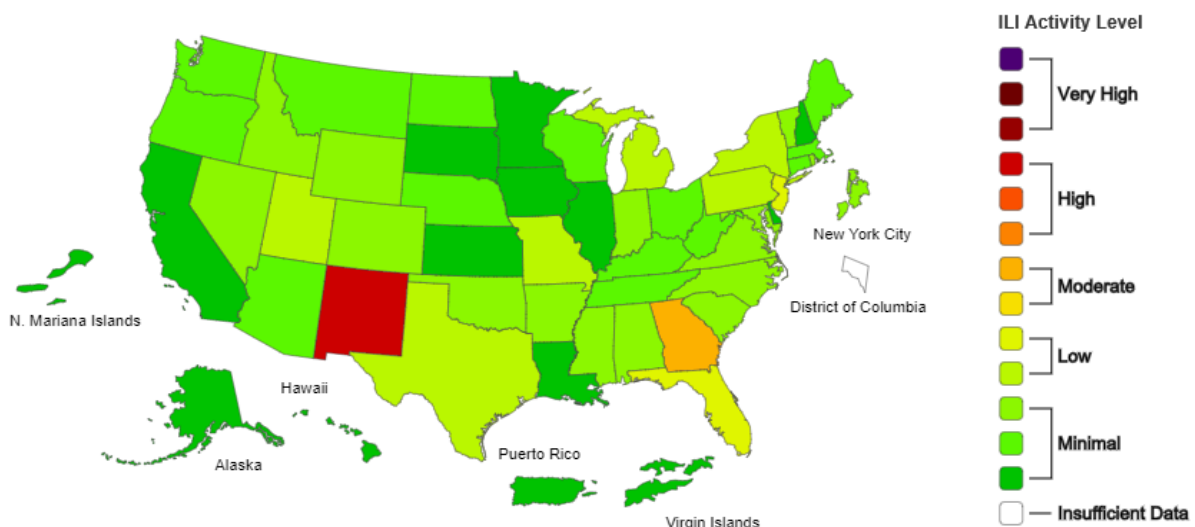
Illness

- **ILINet Outpatient Illness:** Nationwide during week 45, 2.1% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.2% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** National hospitalization rates will be updated starting later this season.
- **HHS Protect Hospitalizations:** 332 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on November 19, 2021, 14.4% of the deaths that occurred during the week ending November 13, 2021 (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:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 45 -- Ending November 13, 2021



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

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

Data at a Glance November 7, 2021 - November 13, 2021 (Week 45)

	Current Week (45)	Previous Week (44)
Percentage of emergency department visits for ILI ¹	1.2%	1.3%
Percentage positive influenza tests ²	0.3%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	7.1%	5.5%

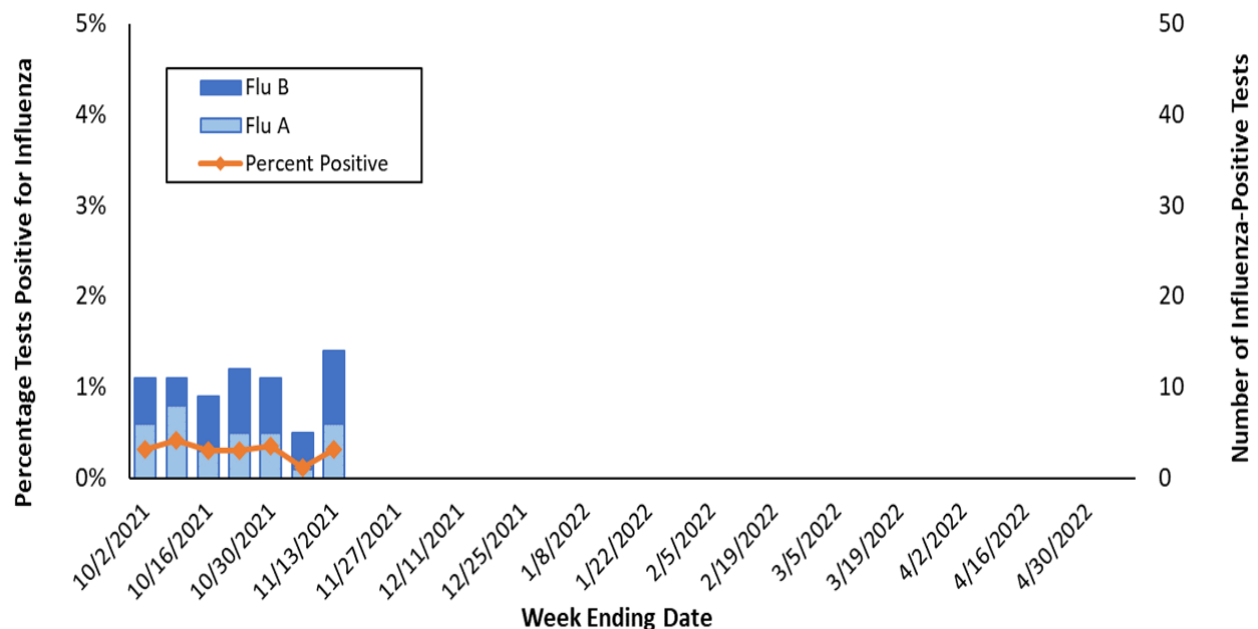
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2021-2022 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 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 1.2% during week 45, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.3% of specimens tested at Oregon labs were positive for influenza during week 45, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

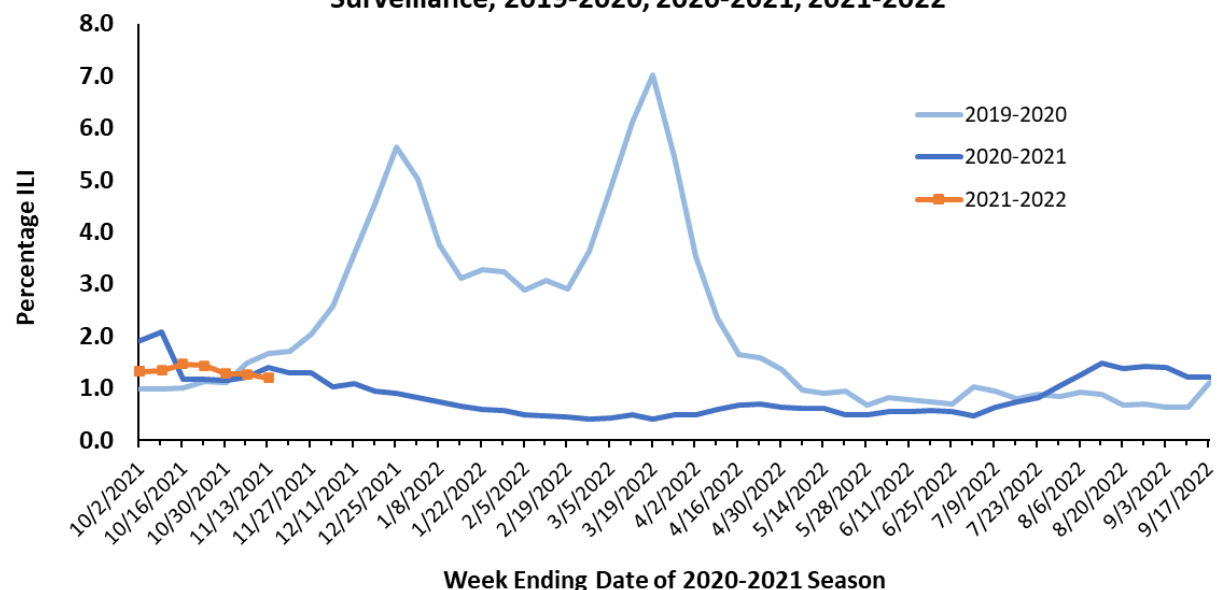
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

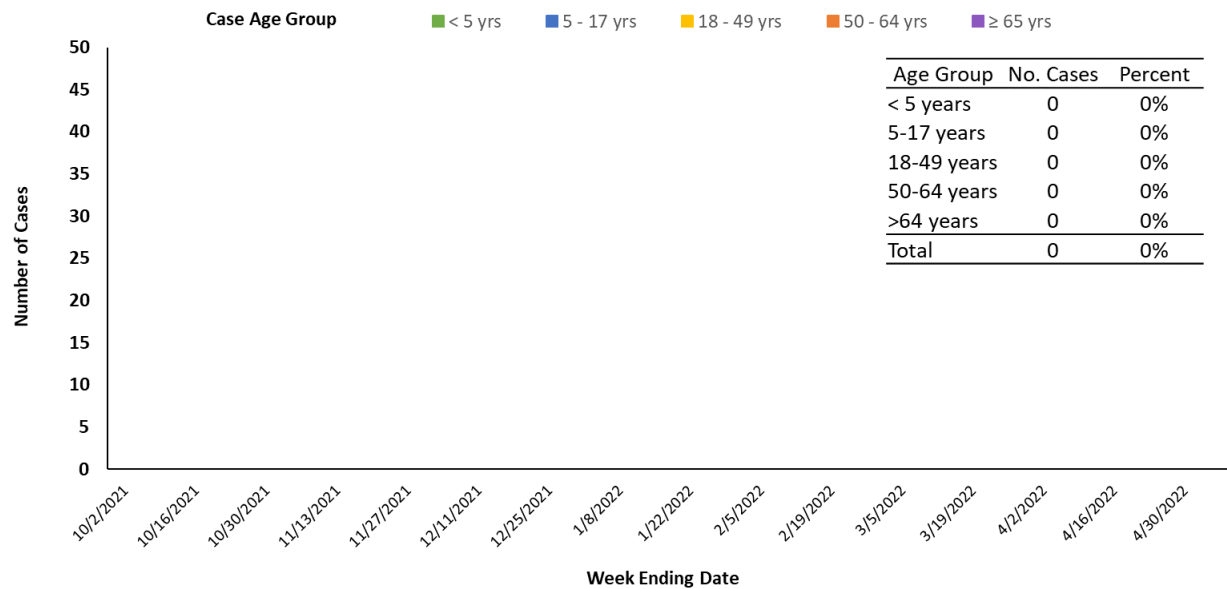
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2480	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	687	10	1.5%	5	50.0%	5	50.0%
Columbia Gorge	123	2	1.6%	0	0.0%	2	100.0%
Central Oregon	605	2	0.3%	1	50.0%	1	50.0%
Willamette Valley	457	0	0.0%	0	0.0%	0	0.0%
State Total	4352	14	0.3%	6	42.9%	8	57.1%

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



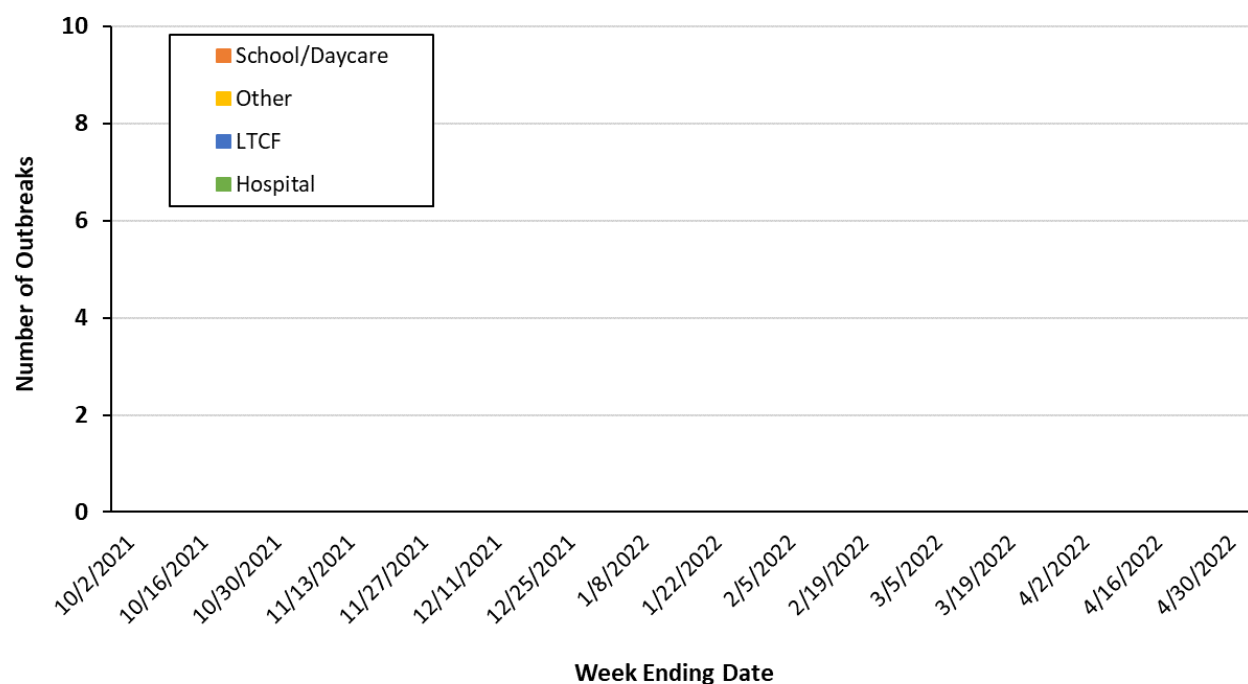
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 45 of 2021. There have been no reported hospitalizations during the 2021-2022 season.

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



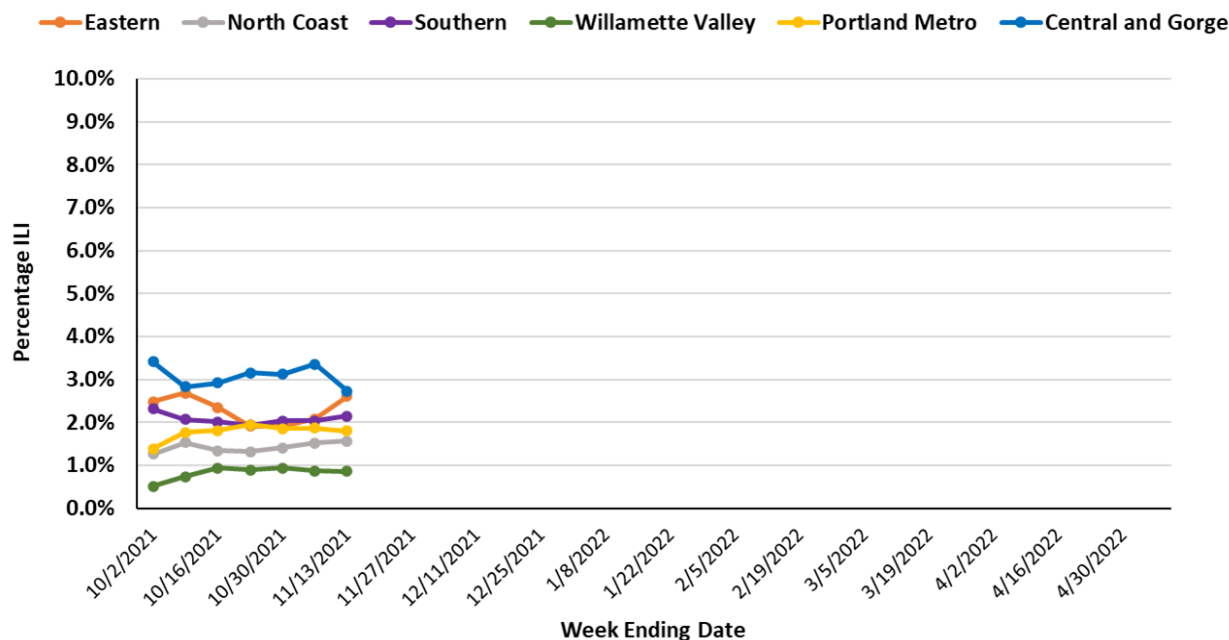
Influenza Outbreaks: There were no influenza outbreaks reported during week 45, 2021 and none yet reported during in the 2021-2022 influenza season.

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



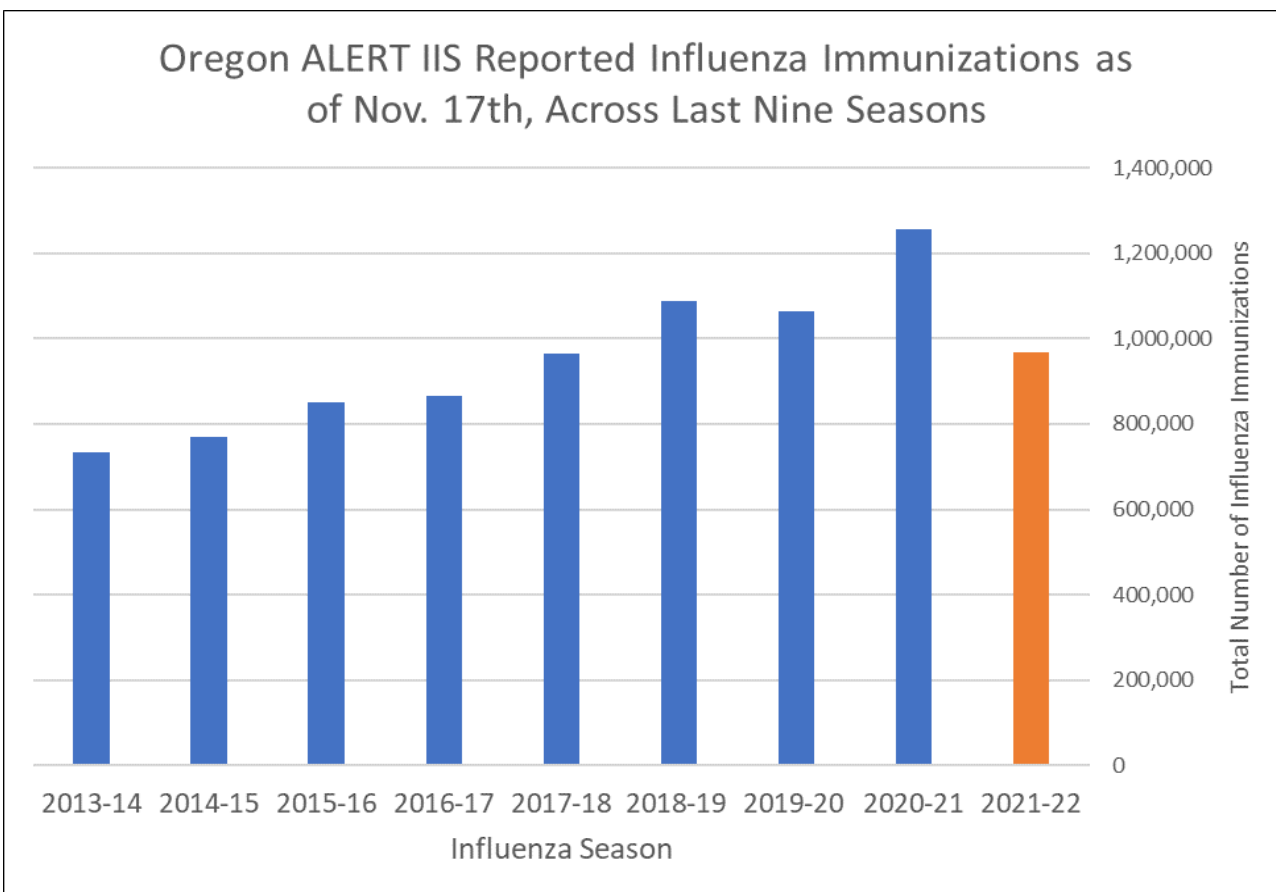
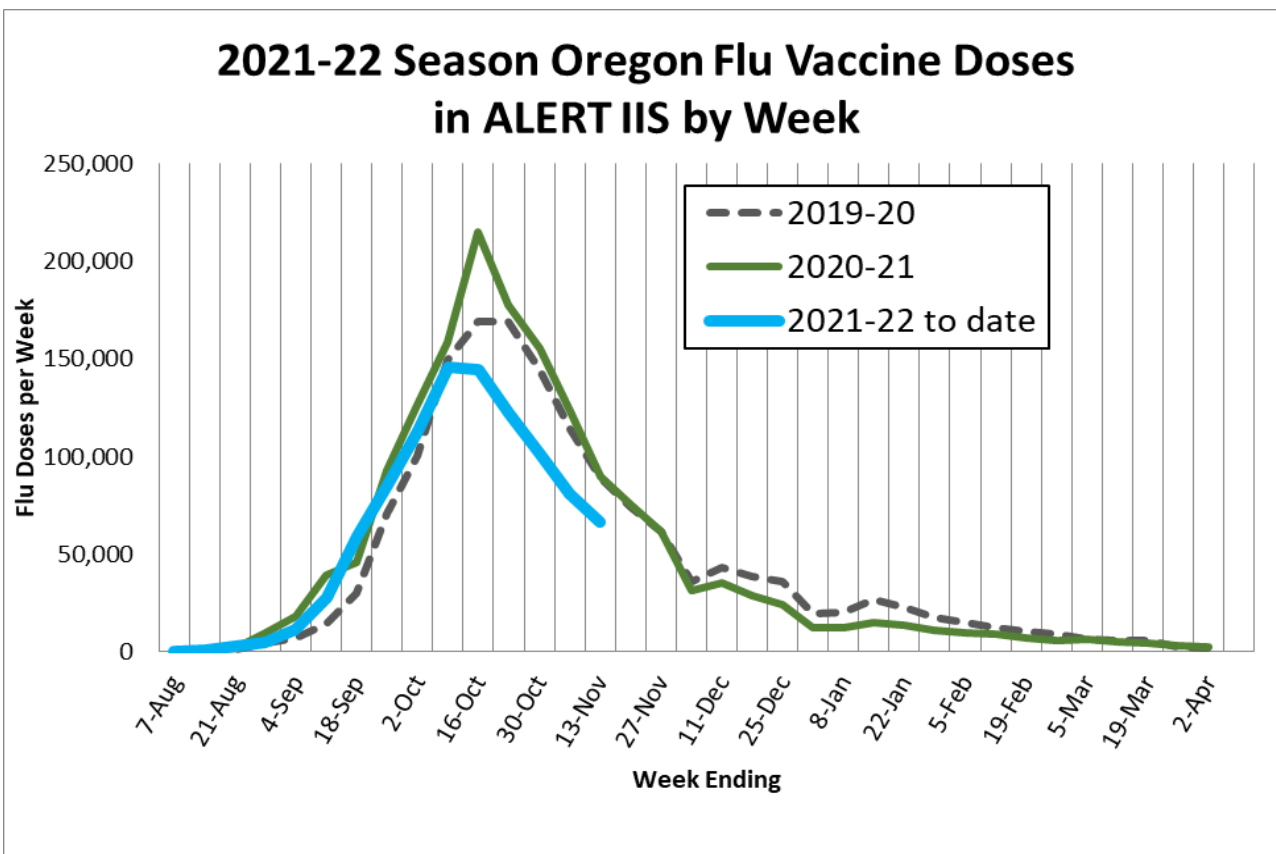
Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 45 of 2021 was 1.8%. Regionally, the percent was highest in the Central and Gorge regions (2.7%) and lowest in the Willamette Valley (0.9%).

Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2022



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

Vaccination Information: As of Nov 17th of 2021, the total of new, weekly influenza immunizations is continuing to decline as we approach the holidays. Typically, weekly immunization totals drop further during Thanksgiving week, and rebound slightly in early December. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of this date, the ALERT IIS has ~970,000 records for influenza immunizations given this season to Oregonians. A chart of influenza immunization totals as of Nov. 17th for the last nine seasons is also included this week for comparison.



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 0.7% this week.
- **Public Health Labs:** A small but increasing number of specimens have tested positive
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

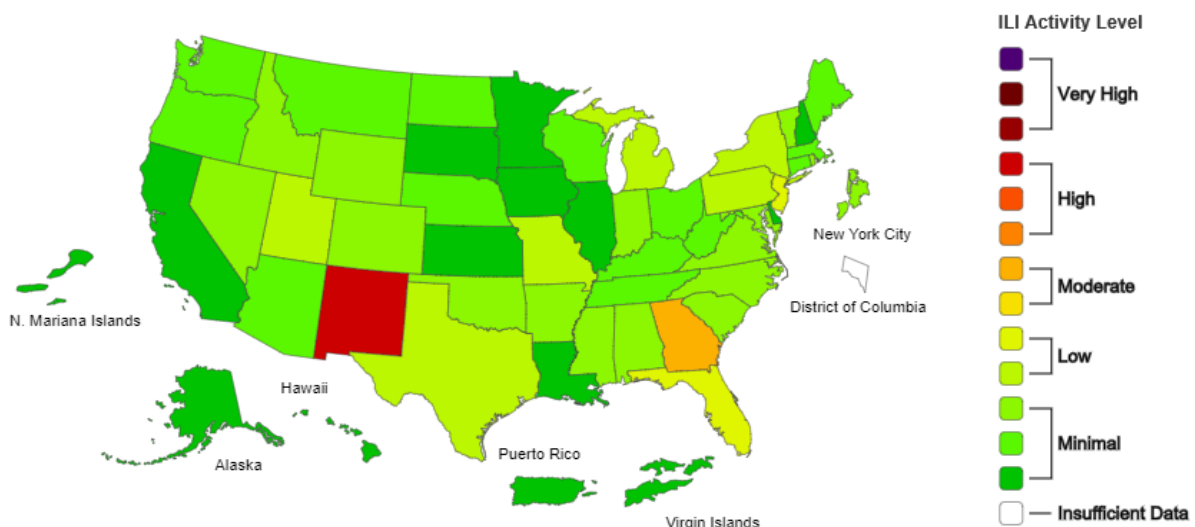
Illness

- **ILINet Outpatient Illness:** Nationwide during week 45, 2.1% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.2% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** National hospitalization rates will be updated starting later this season.
- **HHS Protect Hospitalizations:** 332 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on November 19, 2021, 14.4% of the deaths that occurred during the week ending November 13, 2021 (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:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 45 -- Ending November 13, 2021



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

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

Data at a Glance October 31, 2021—November 6, 2021 (Week 44)

	Current Week (44)	Previous Week (43)
Percentage of emergency department visits for ILI ¹	1.3%	1.3%
Percentage positive influenza tests ²	0.1%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	5.5%	4.1%

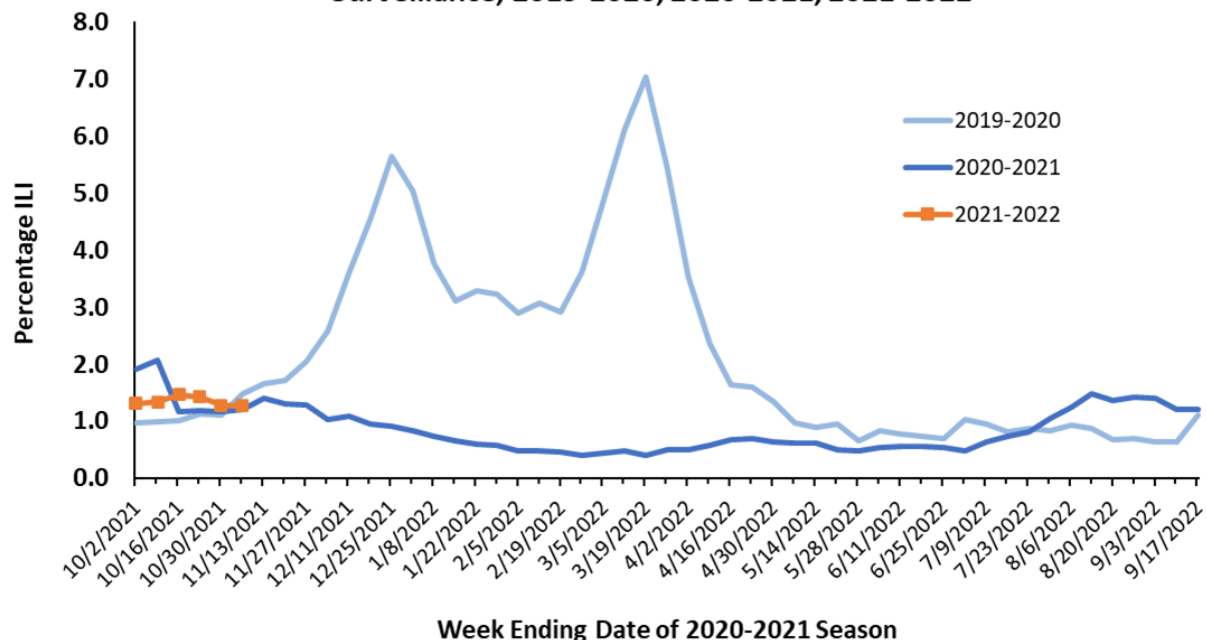
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 44, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Table 1 shows that 0.1% of specimens tested at Oregon labs were positive for influenza during week 44, and Figure 2 displays the number of influenza-positive tests by influenza type and percent positivity.

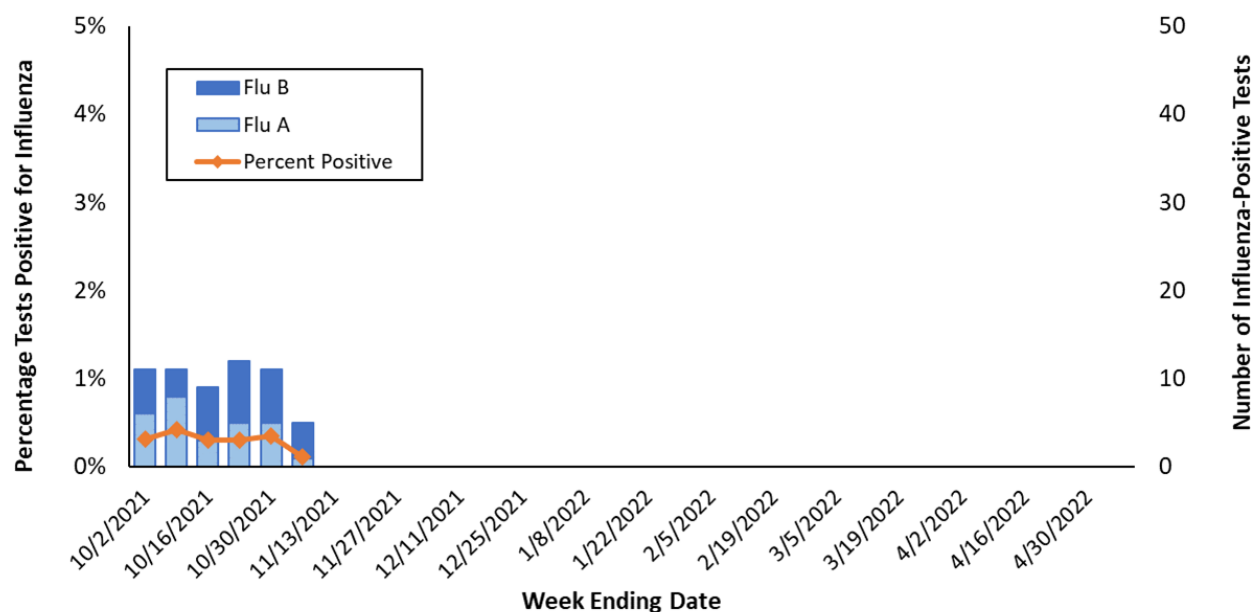
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Legacy Emanuel Hospital and Health Center (Portland, OR), Oregon Health & Science University (Portland, OR), Providence Health (Oregon), Kaiser Permanente (Oregon), Veteran's Administration Hospital (Portland, OR), Bay Area Hospital (Coos Bay, OR),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

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

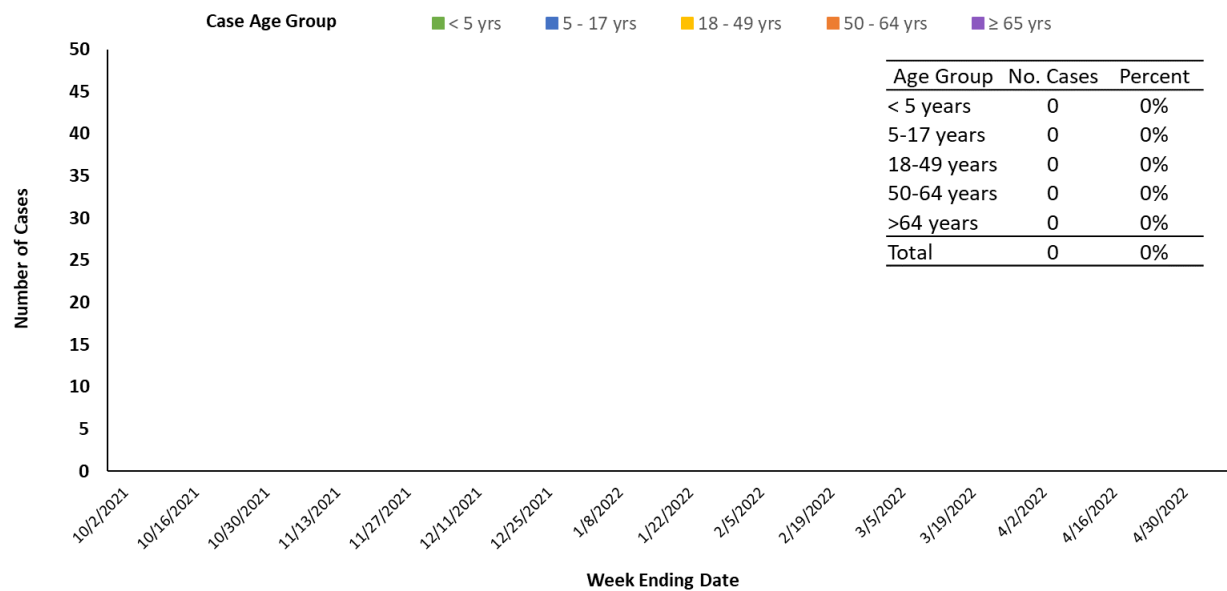
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2438	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	778	4	0.5%	1	25.0%	3	75.0%
Columbia Gorge	140	1	0.7%	0	0.0%	1	100.0%
Central Oregon	597	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	367	0	0.0%	0	0.0%	0	0.0%
State Total	4320	5	0.1%	1	20.0%	4	80.0%

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



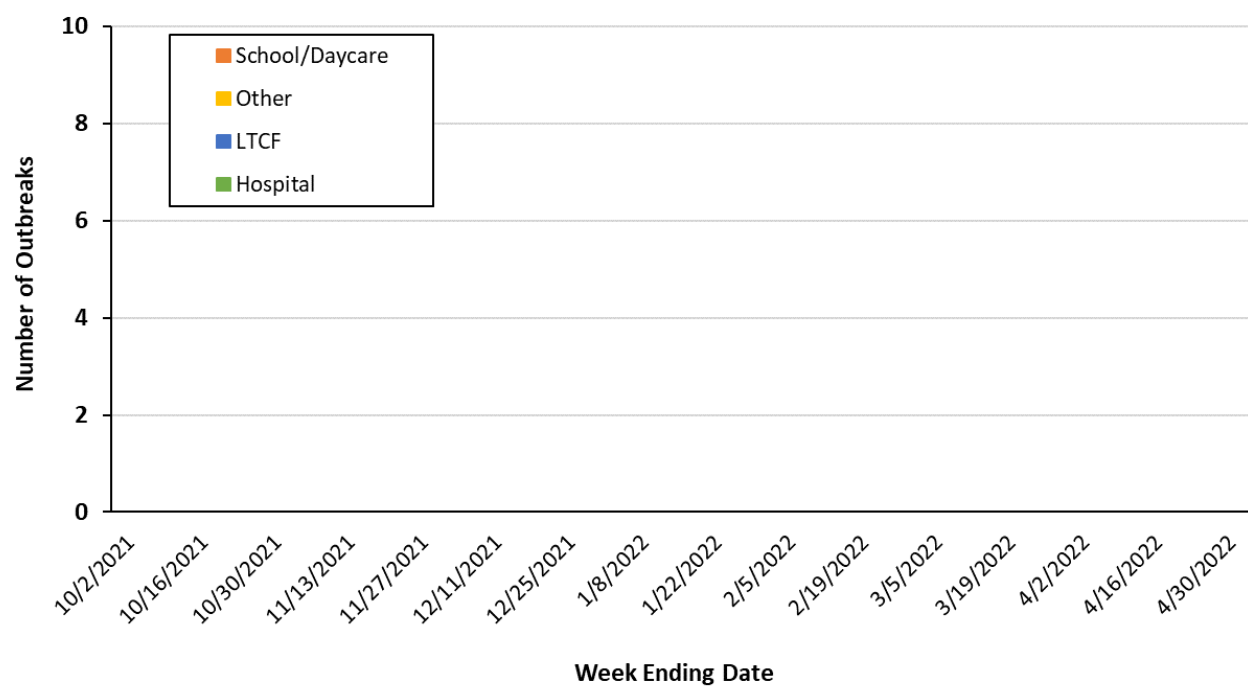
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 44 of 2021. There have been no reported hospitalizations during the 2021-2022 season.

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



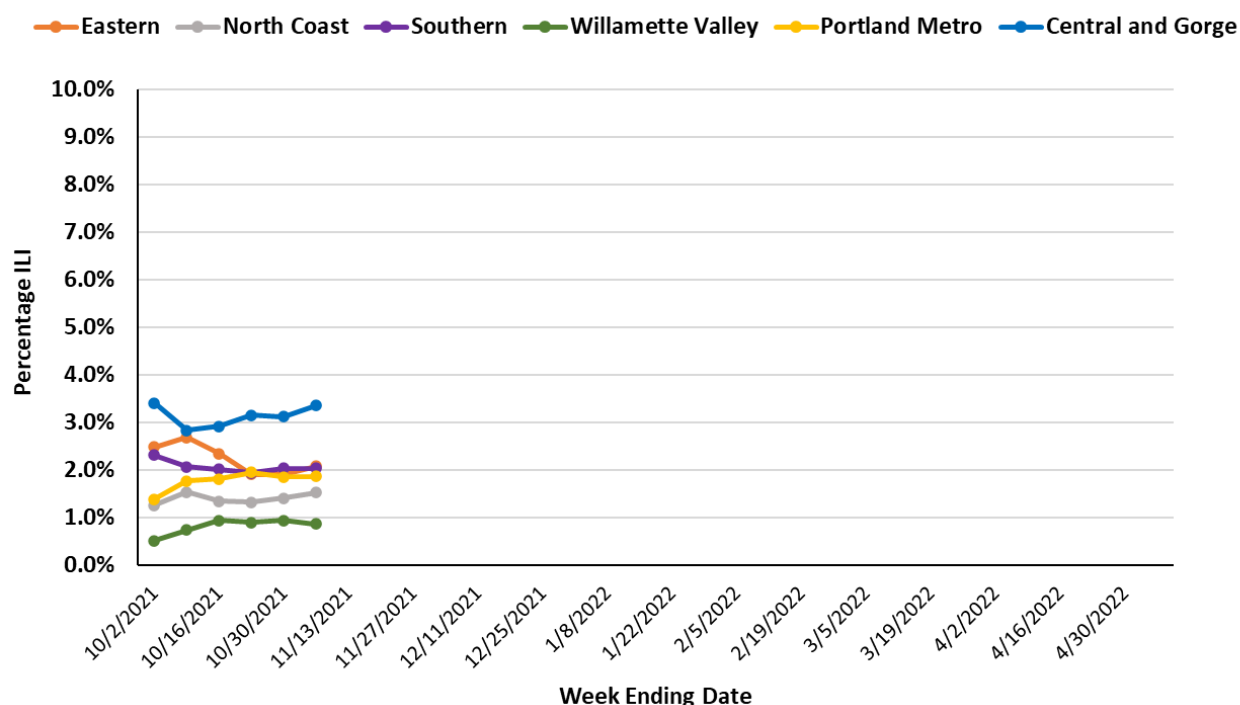
Influenza Outbreaks: There were no influenza outbreaks reported during week 44, 2021 and none yet reported during in the 2021-2022 influenza season.

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



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 44 of 2021 was 1.8%. Regionally, the percent was highest in the Central and Gorge regions (3.4%) and lowest in the Willamette Valley (0.9%).

Figure 5. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2022



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 44, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: As of Nov 10th of 2021, the total of new, weekly influenza immunizations is continuing to decline. This weekly decline is consistent with past season declines going into November. Overall this season, the total number of influenza immunizations remains substantially below past seasons. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Nov 10th, the ALERT IIS has records for 920,000 influenza immunizations given this season to Oregonians, compared to 1.2 million records in the 2020-21 season at the same time (Figure 6). The decline in influenza immunizations is also lower among minority populations when comparing the current season to last season at this time (Figure 7).

Figure 6. 2021-22 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

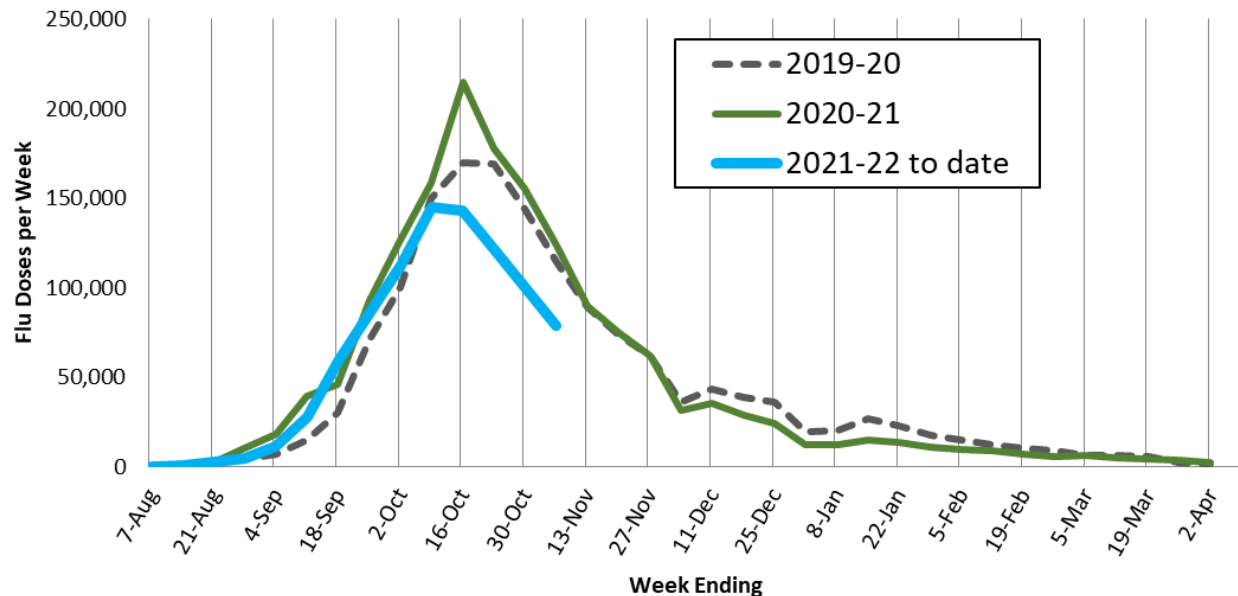
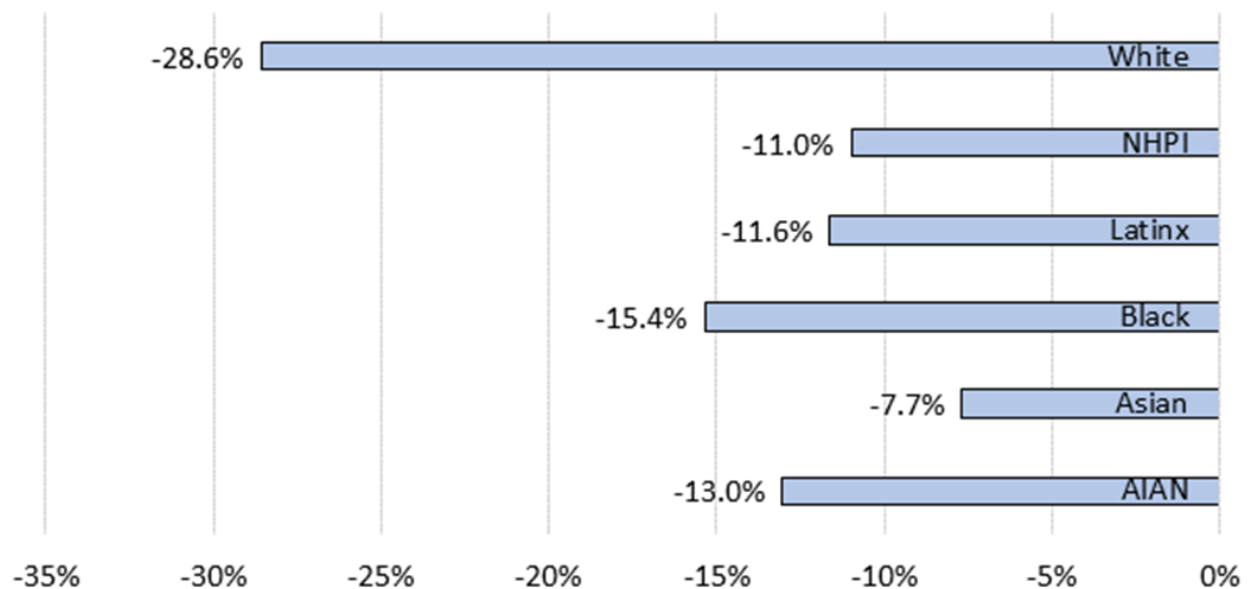


Figure 7. Declines in Total Numbers of Influenza Immunizations as of Nov 10th, 2021 vs 2020, by Race and Ethnicity in Oregon



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 0.3% this week.
- **Public Health Labs:** A small but increasing number of specimens have tested positive
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

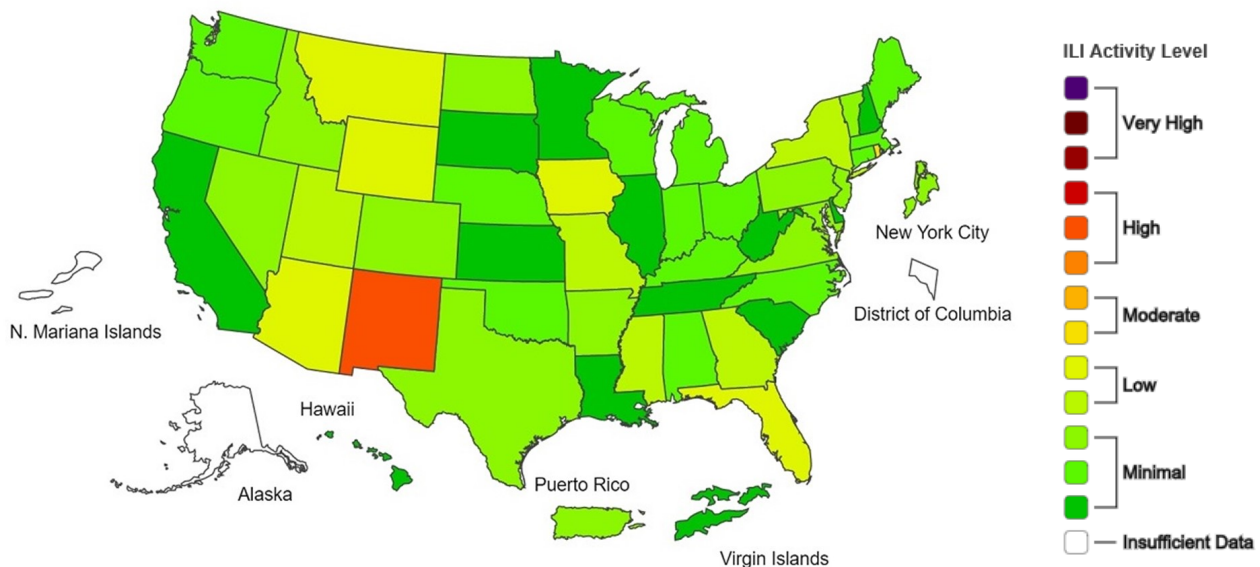
Illness

- **ILINet Outpatient Illness:** Nationwide during week 44, 2.1% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced moderate activity and 1 jurisdiction experienced high or very high activity.
- **Long-term Care Facilities:** This week, 0.1% of facilities reported ≥ 1 influenza-positive test among residents this week.

Severe Disease

- **FluSurv-NET:** National hospitalization rates will be updated starting later this season.
- **HHS Protect Hospitalizations:** 295 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on November 12, 2021, 14.1% of the deaths that occurred during the week ending November 6, 2021 (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:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 44 -- Ending November 6, 2021**



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

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

Data at a Glance October 24, 2021—October 30, 2021 (Week 43)

	Current Week (43)	Previous Week (42)
Percentage of emergency department visits for ILI ¹	1.3%	1.4%
Percentage positive influenza tests ²	0.3%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	4.1%	3.1%

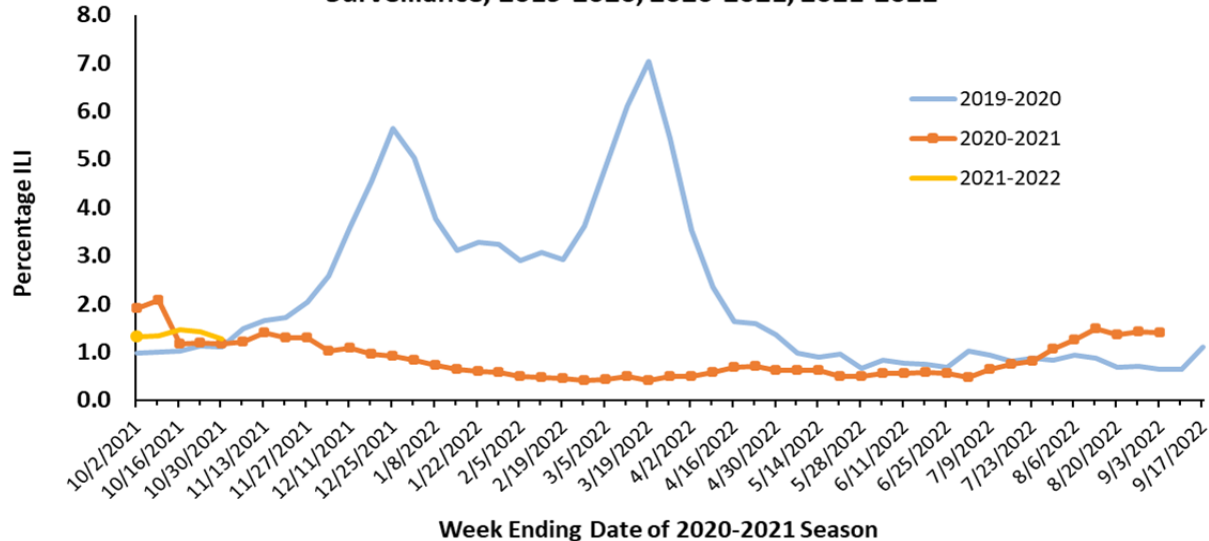
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 43, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Figure 2 shows that 0.3% of specimens tested at Oregon labs were positive for influenza during week 43, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

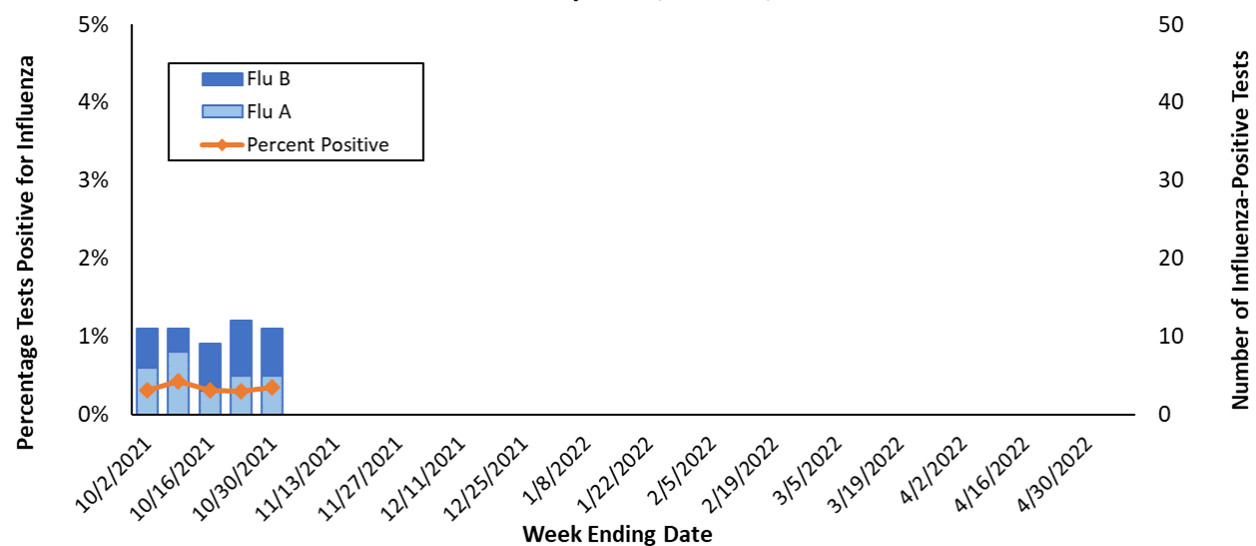
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

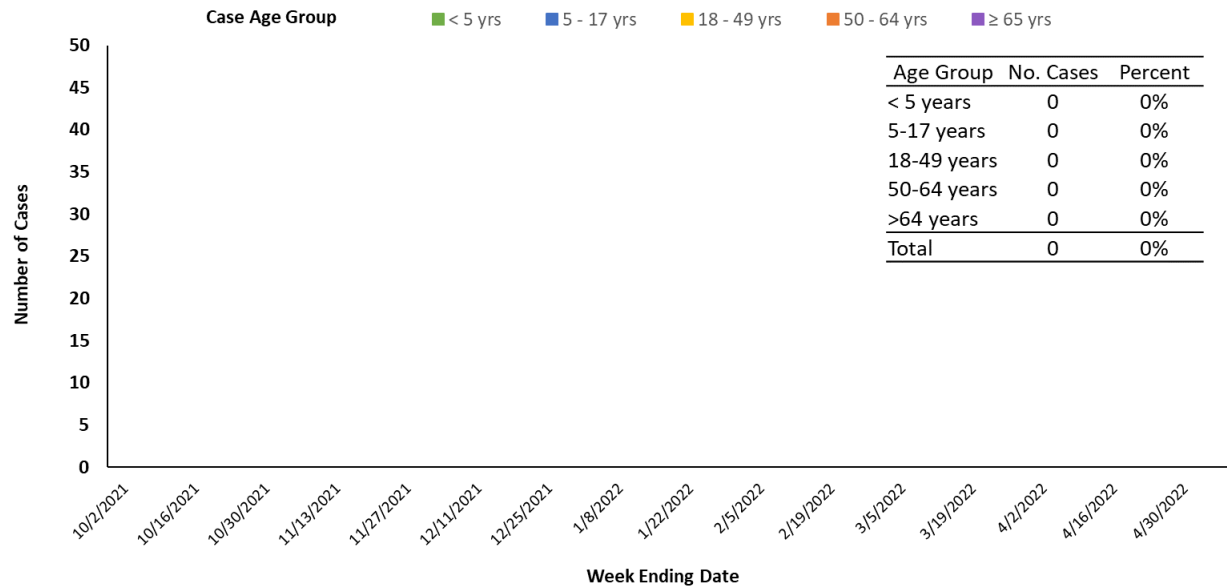
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1318	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	716	9	1.3%	4	44.4%	5	55.6%
Columbia Gorge	98	0	0.0%	0	0.0%	0	0.0%
Central Oregon	627	2	0.3%	1	50.0%	1	50.0%
Willamette Valley	405	0	0.0%	0	0.0%	0	0.0%
State Total	3164	11	0.3%	5	45.5%	6	54.5%

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



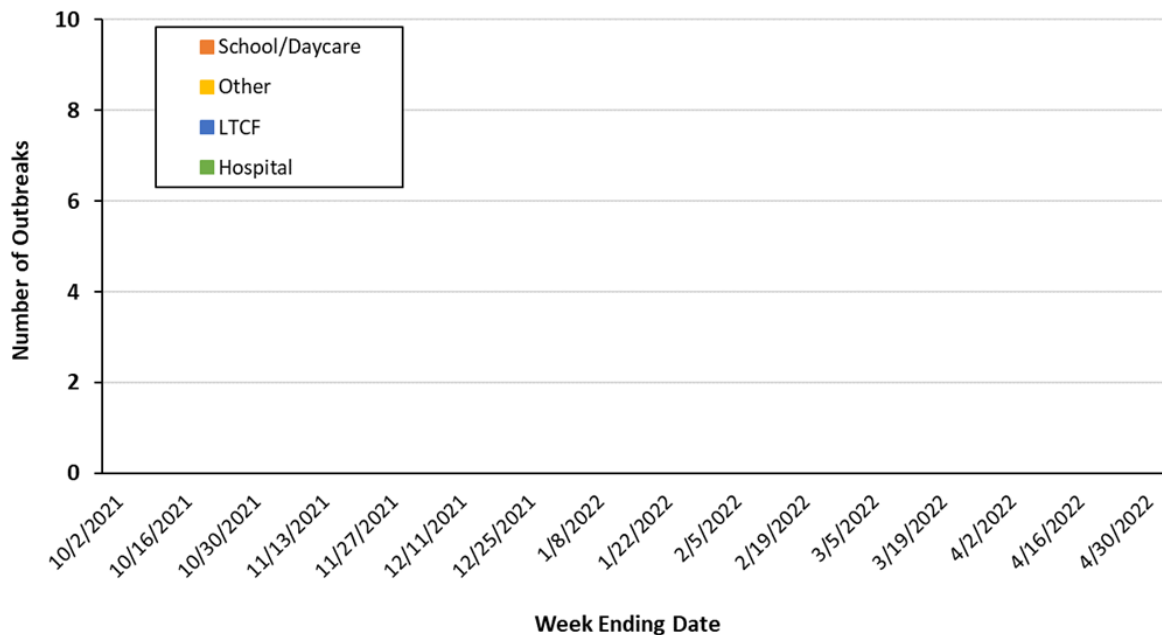
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 43 of 2021. There have been no reported hospitalizations during the 2021-2022 season.

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



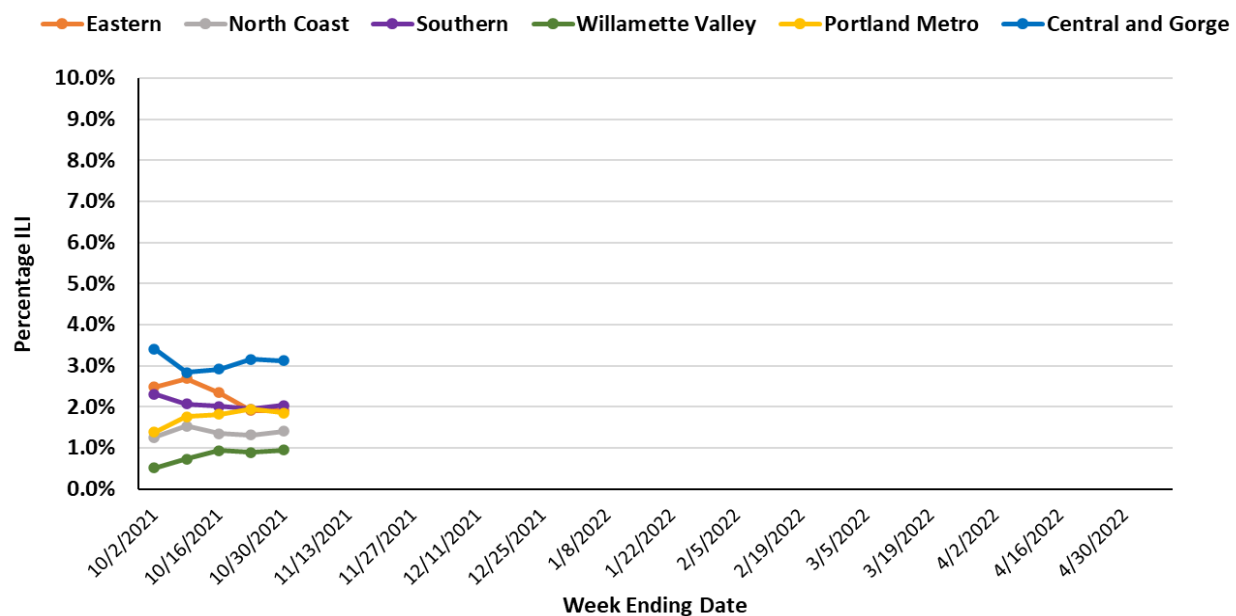
Influenza Outbreaks: There were no influenza outbreaks reported during week 43, 2021 and none yet reported during in the 2021-2022 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2021-2022 Season



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 43 of 2021 was 1.8%. Regionally, the percent was highest in the Central and Gorge regions (3.1%) and lowest in the Willamette Valley (0.9%).

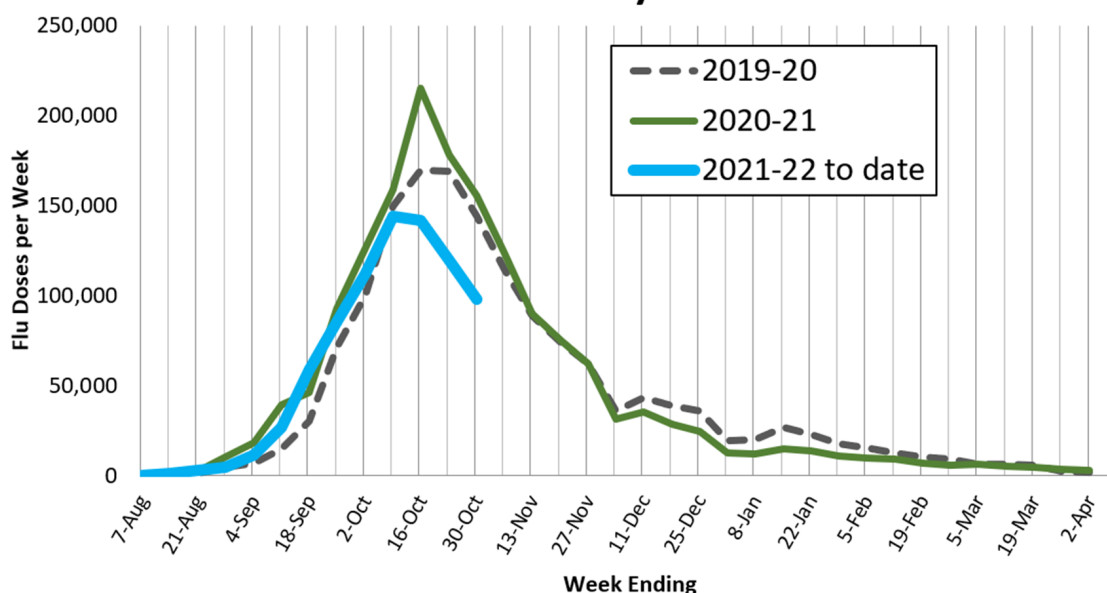
Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2022



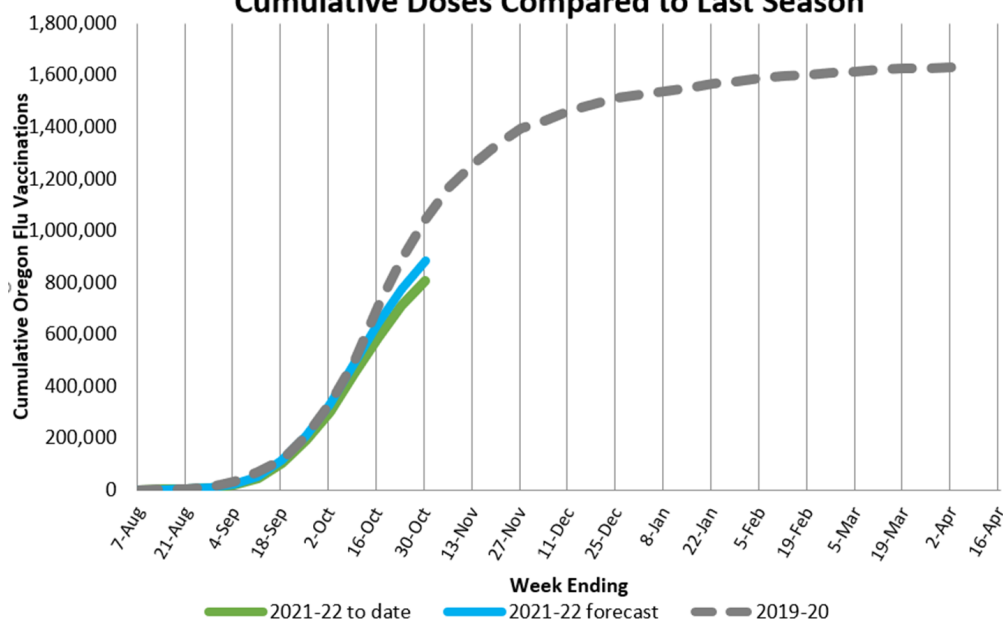
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 43, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of this date, Oregon has passed the peak week for influenza immunizations. The current pattern for new, weekly immunizations is following that of past seasons, and is expected to decline further going into the holidays. Current influenza immunization totals remain substantially below the prior two seasons for this time of the year. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of November 1st, ALERT IIS had records for 890,000 influenza immunizations given this season.

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



2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView):

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.2% this week.
- **Public Health Labs:** A small but increasing number of specimens have tested positive
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

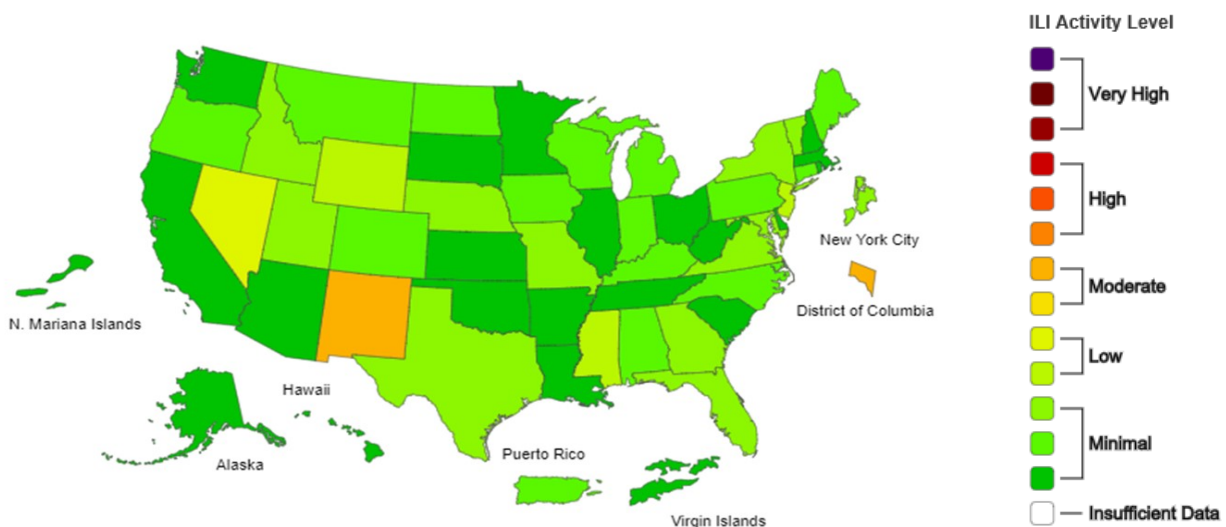
Illness

- **ILINet Outpatient Illness:** Nationwide during week 43, 1.9% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 2 jurisdictions experienced moderate activity and no jurisdictions experienced high or very high activity

Severe Disease

- **Hospitalization:** 282 patients admitted to hospitals with influenza this week
- **PIC Mortality:** Based on NCHS mortality surveillance data available on November 5, 2021, 15.6% of the deaths that occurred during the week ending October 30, 2021 (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:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 42 -- Ending October 23, 2021



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

Data at a Glance October 17, 2021—October 23, 2021 (Week 42)

	Current Week (42)	Previous Week (41)
Percentage of emergency department visits for ILI ¹	1.4%	1.5%
Percentage positive influenza tests ²	0.3%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	3.1%	3.4%

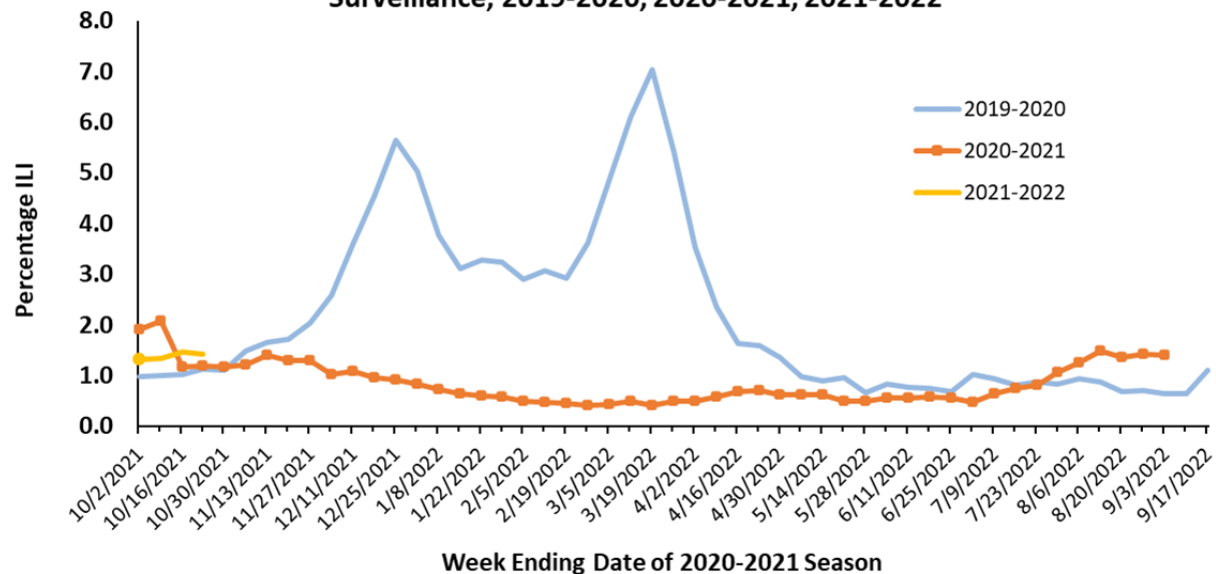
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.4% during week 42, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Figure 2 shows that 0.3% of specimens tested at Oregon labs were positive for influenza during week 41, and the bar chart displays the number of influenza -positive tests by influenza type and percent positivity.

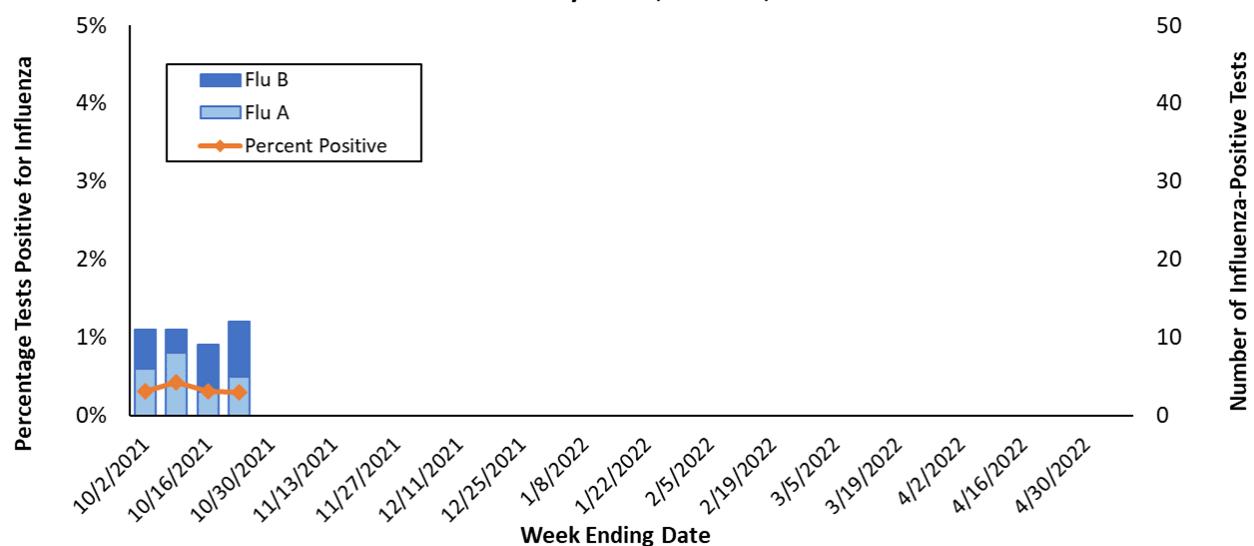
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

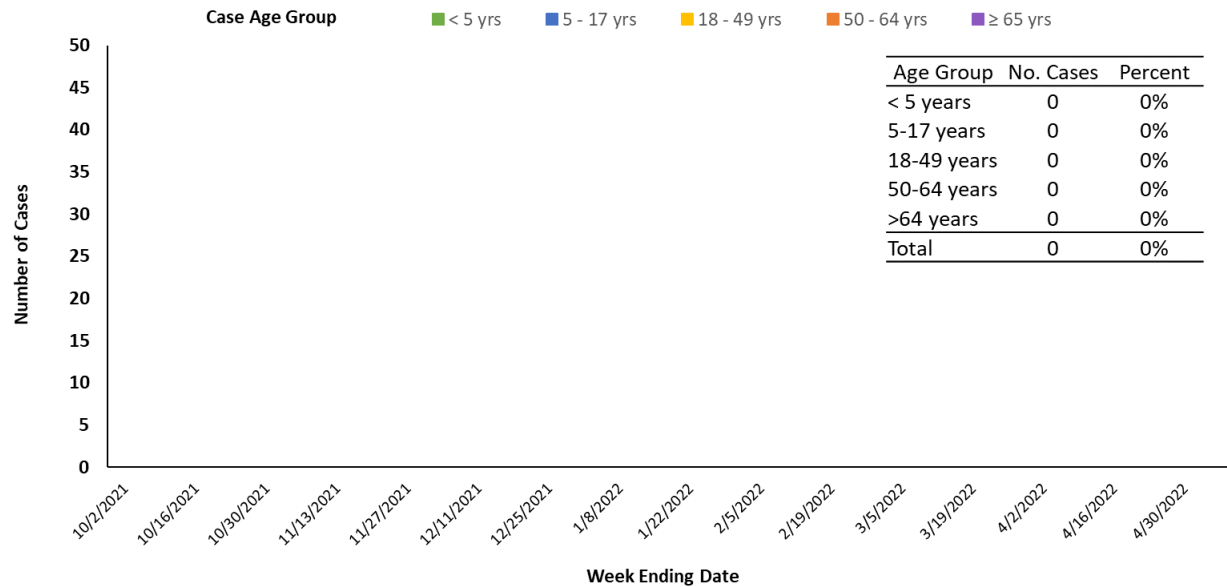
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2433	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	414	11	2.7%	5	45.5%	6	54.5%
Columbia Gorge	72	1	1.4%	0	0.0%	1	100.0%
Central Oregon	642	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	431	0	0.0%	0	0.0%	0	0.0%
State Total	3992	12	0.3%	5	41.7%	7	58.3%

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



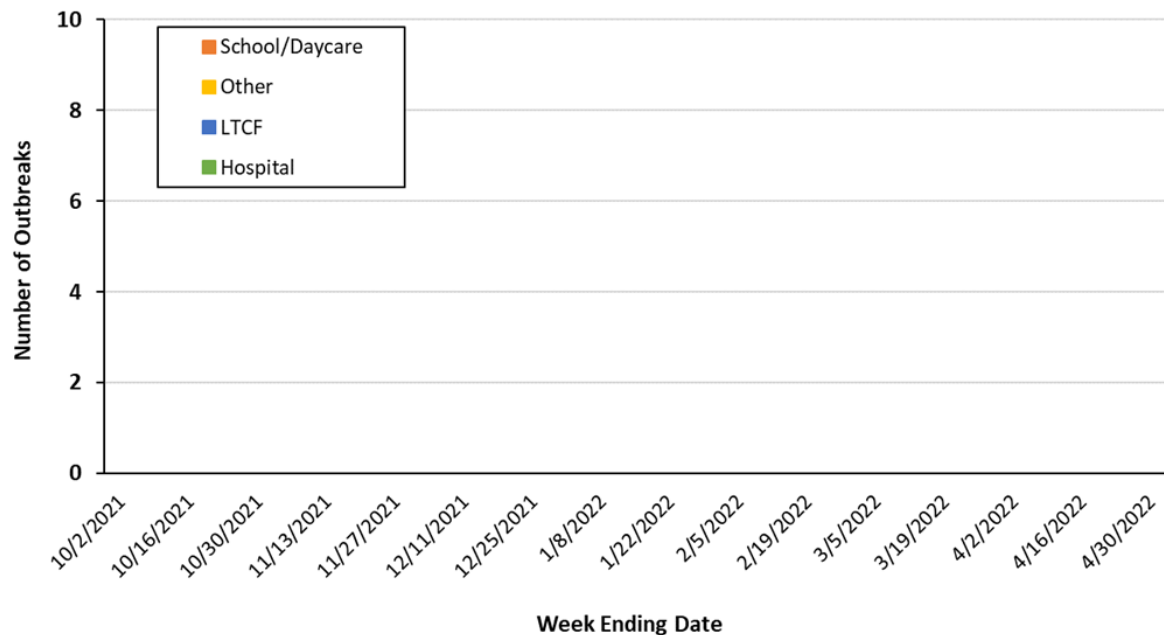
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 42 of 2021. There have been no reported hospitalizations during the 2021-2022 season.

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



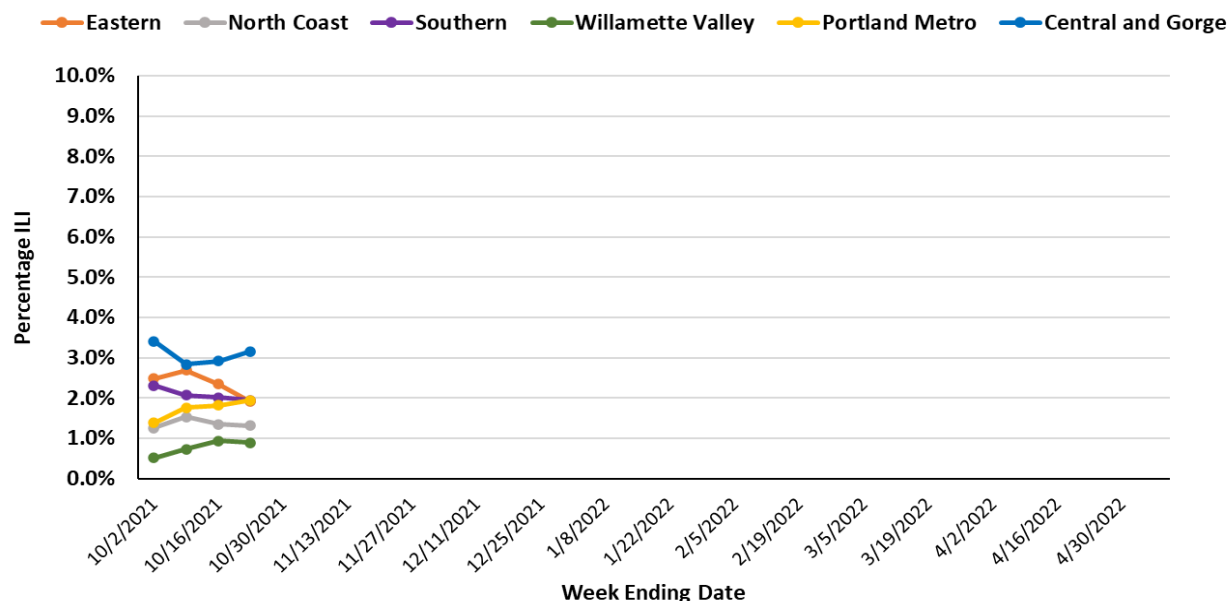
Influenza Outbreaks: There were no influenza outbreaks reported during week 42, 2021 and none yet reported during in the 2021-2022 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2021-2022 Season



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 42 of 2021 was 1.8%. Regionally, the percent was highest in the Central and Gorge regions (3.2%) and lowest in the Willamette Valley (0.9%).

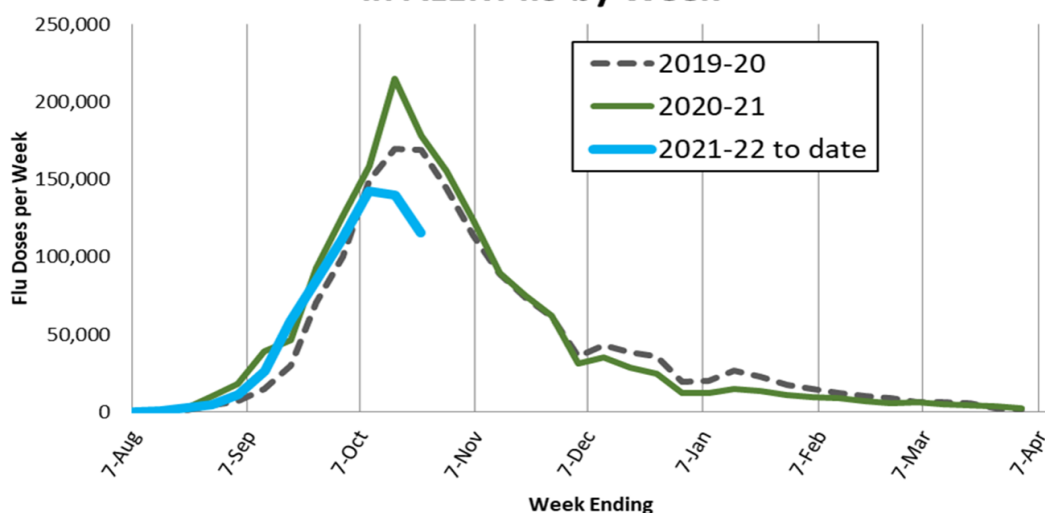
Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2022



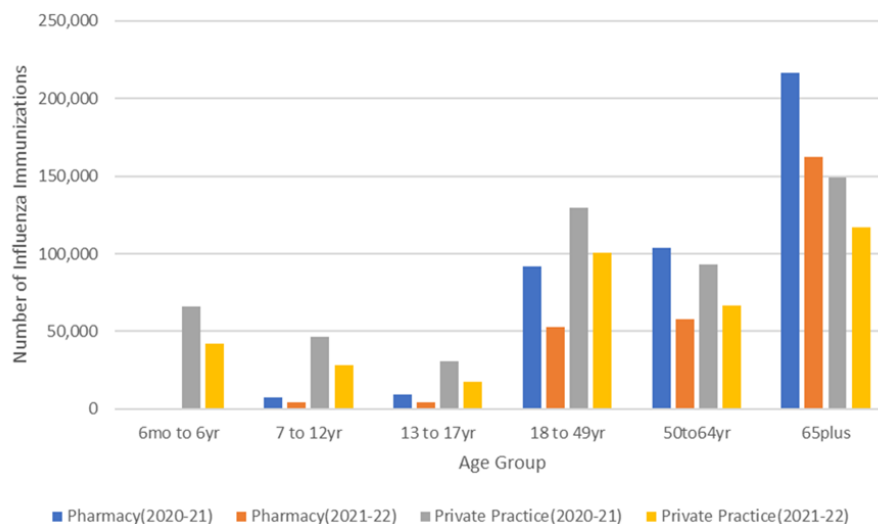
Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 41, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Oct 27th, a decline in new weekly influenza immunizations is continuing. The current influenza immunization season is running substantially below the prior two seasons at this time of year. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Oct. 27th, the ALERT IIS has records for 800,000 influenza immunizations given this season. For this week, a chart is included comparing influenza immunization totals for this season vs last season at this time, by age group and pharmacy or private practice administration. The decline in immunizations this season is occurring for all age groups. Adult pharmacy influenza immunizations had a 1.2 times greater decline than private practice immunizations, though both declined this season to date.

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



Influenza Immunizations Reported to ALERT IIS by Oct 27th by Age & Pharmacy vs Private Practice, 2021-22 vs 2020-21



US Data (from CDC FluView):

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** Few specimens have tested positive.
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

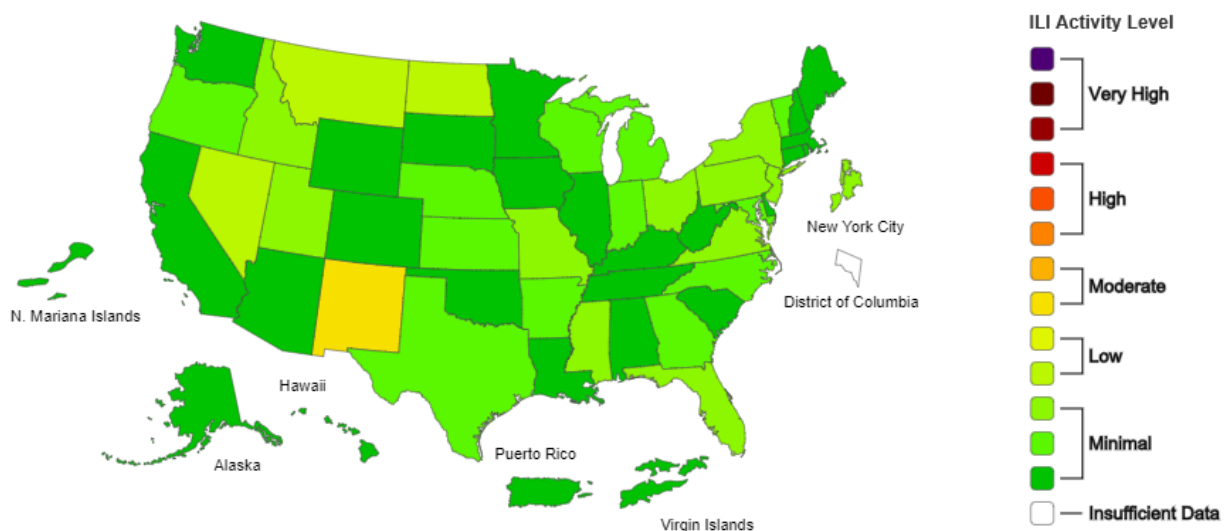
Illness

- **ILINet Outpatient Illness:** Nationwide during week 42, 1.8% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 1 jurisdictions experienced moderate activity and no jurisdictions experienced high or very high activity.

Severe Disease

- **Hospitalization:** Hospitalization rates will be updated weekly starting later this season.
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 29, 2021, 16.5% of the deaths that occurred during the week ending October 23, 2021 (week 42), 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:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 42 -- Ending October 23, 2021



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

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

Data at a Glance October 10, 2021—October 16, 2021 (Week 41)

	Current Week (41)	Previous Week (40)
Percentage of emergency department visits for ILI ¹	1.5%	1.3%
Percentage positive influenza tests ²	0.3%	0.4%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	3.4%	4.2%

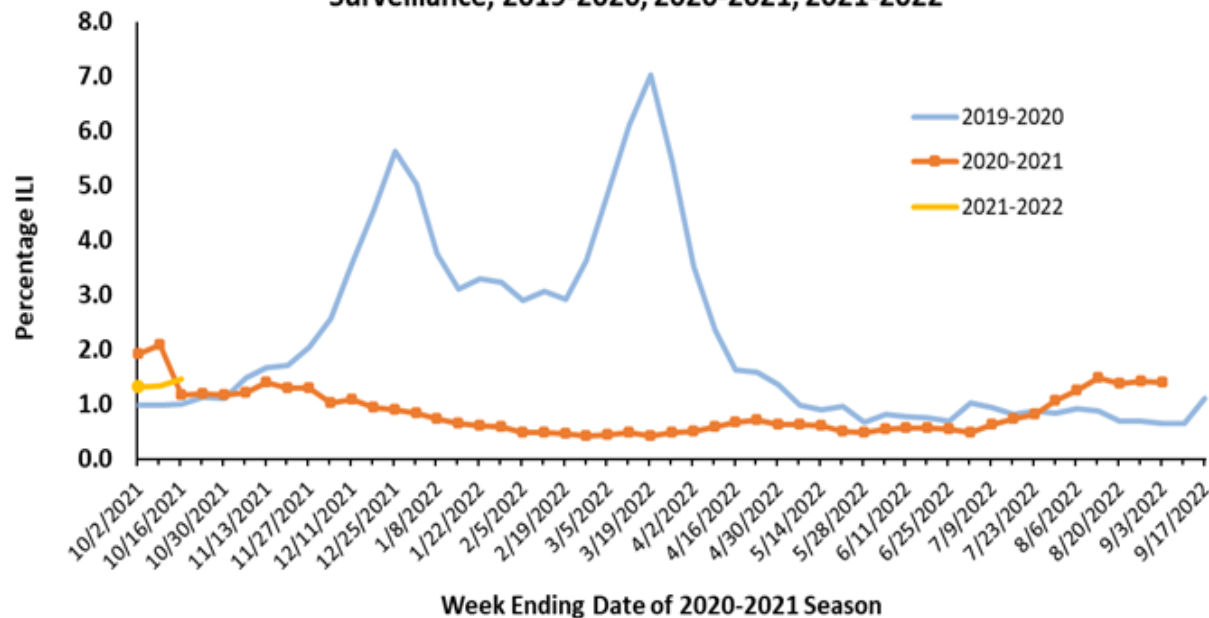
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.5% during week 41, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Figure 2 shows that 0.3% of specimens tested at Oregon labs were positive for influenza during week 41, and the bar chart displays the number of influenza -positive tests by influenza type and percent positivity.

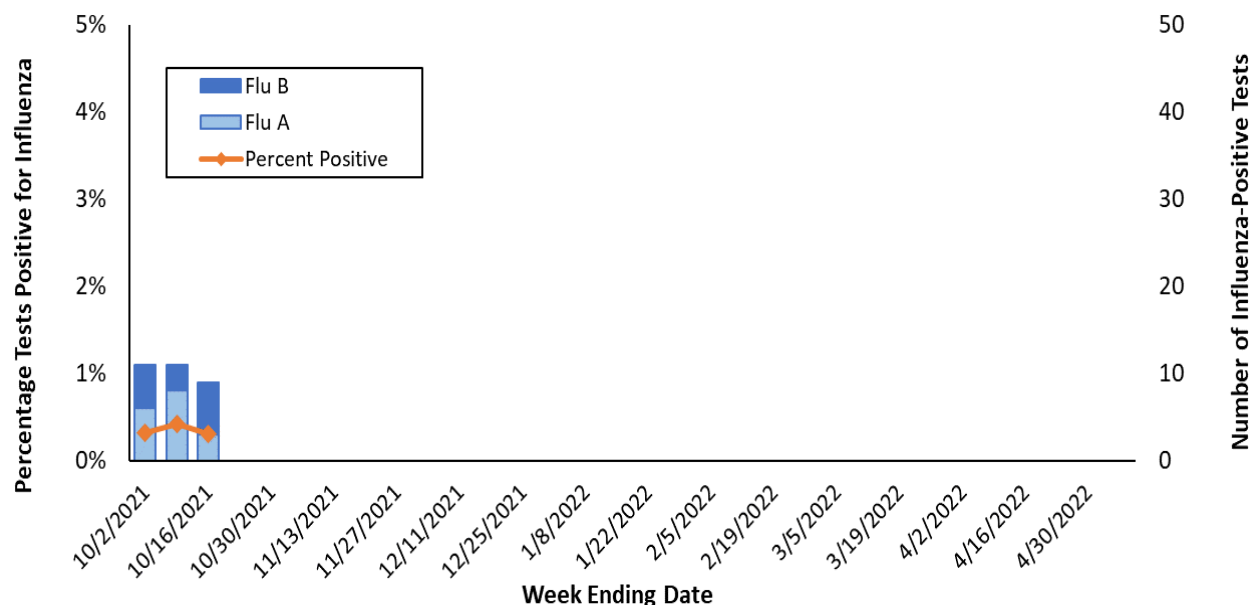
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

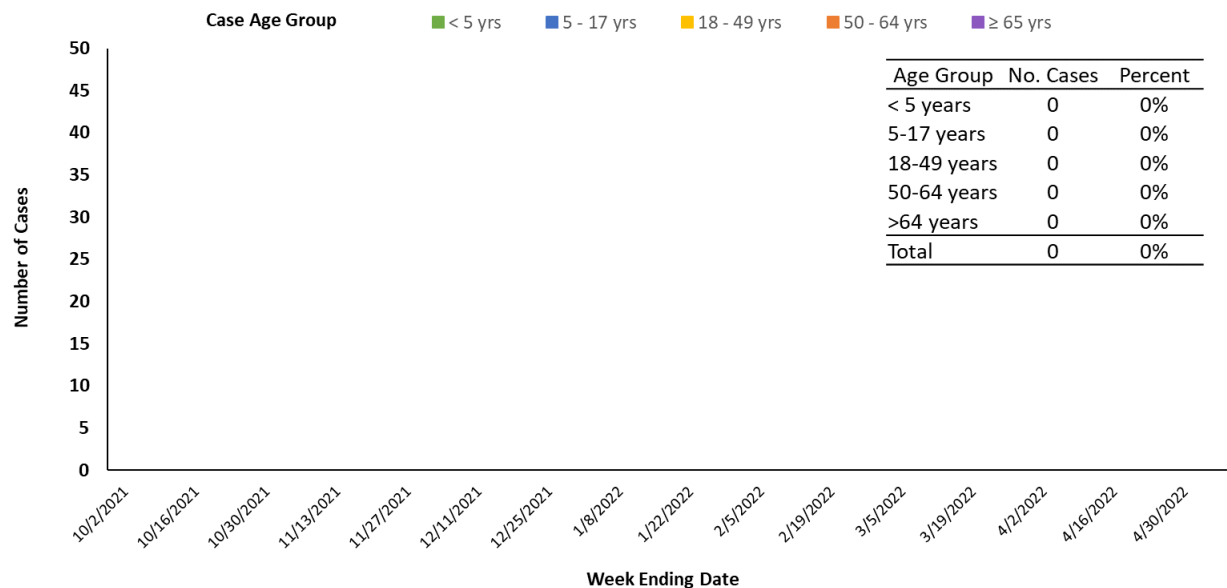
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1239	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	547	9	1.6%	3	33.3%	6	66.7%
Columbia Gorge	99	0	0.0%	0	0.0%	0	0.0%
Central Oregon	643	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	396	0	0.0%	0	0.0%	0	0.0%
State Total	2924	9	0.3%	3	33.3%	6	66.7%

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



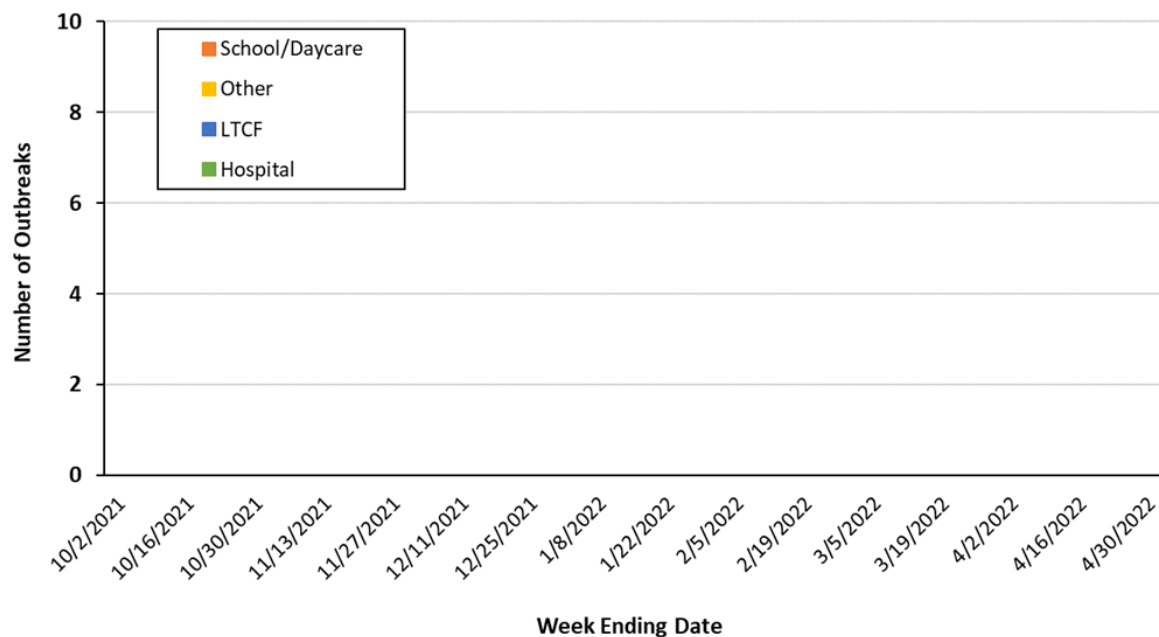
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 41 of 2021, there have been no reported hospitalizations during the 2021-2022 season.

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



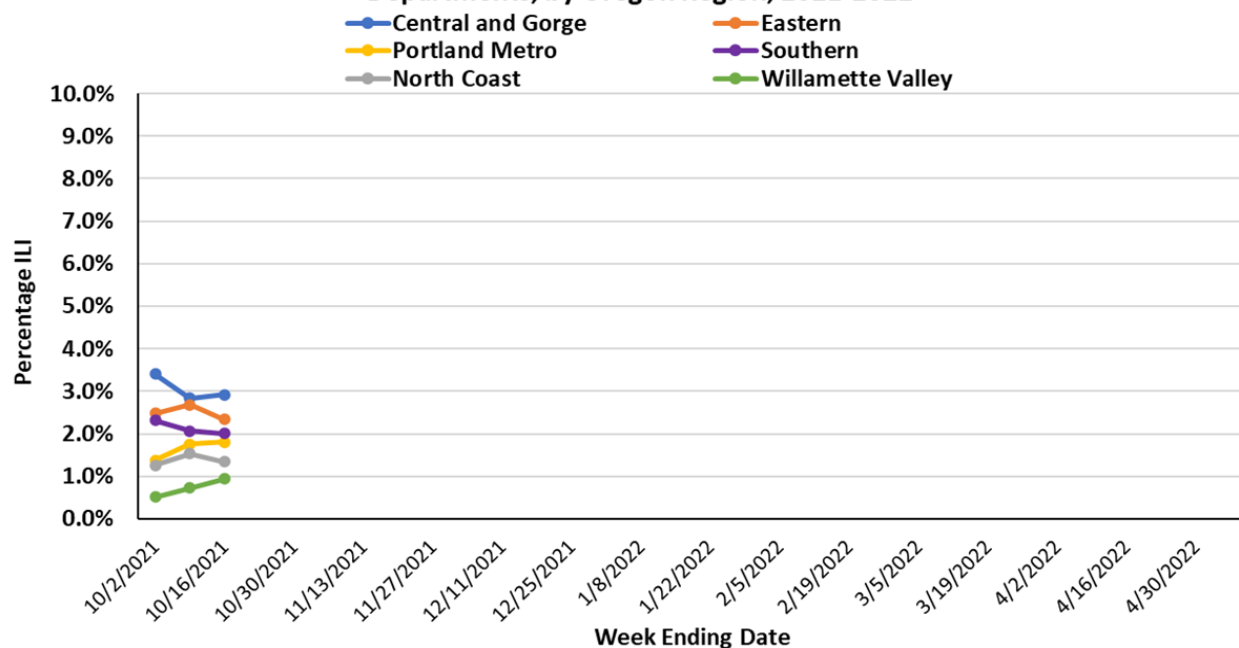
Influenza Outbreaks: There were no influenza outbreaks reported during week 41, 2021 and none yet reported during in the 2021-2022 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2021-2022 Season



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 41 of 2021 was 1.8%. Regionally, the percent was highest in the Central and Gorge regions (2.9%) and lowest in the Willamette Valley (0.9%).

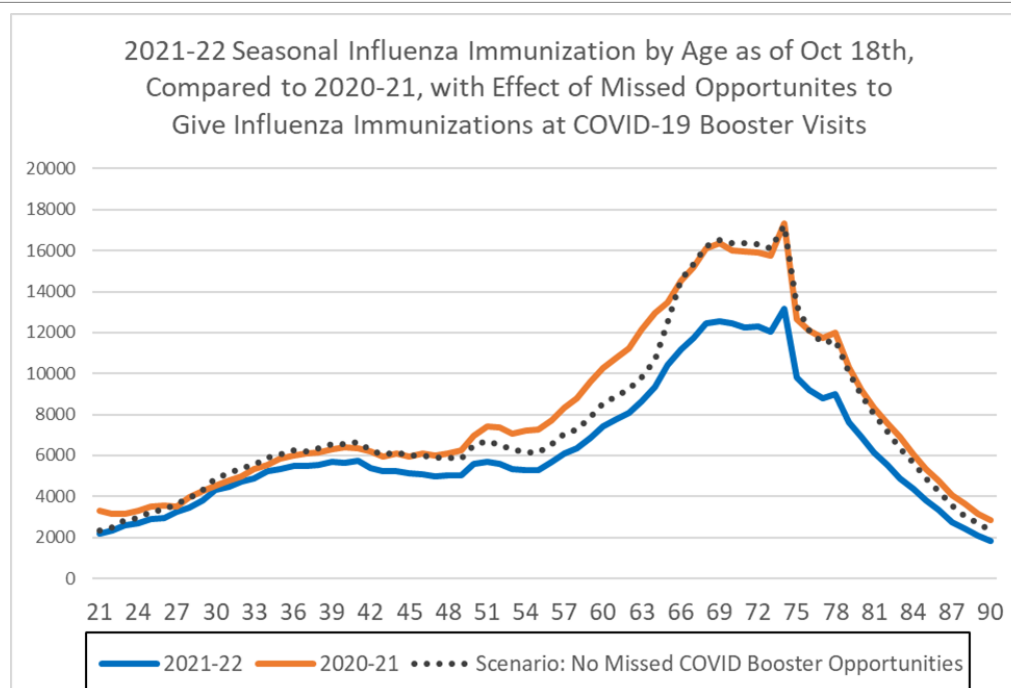
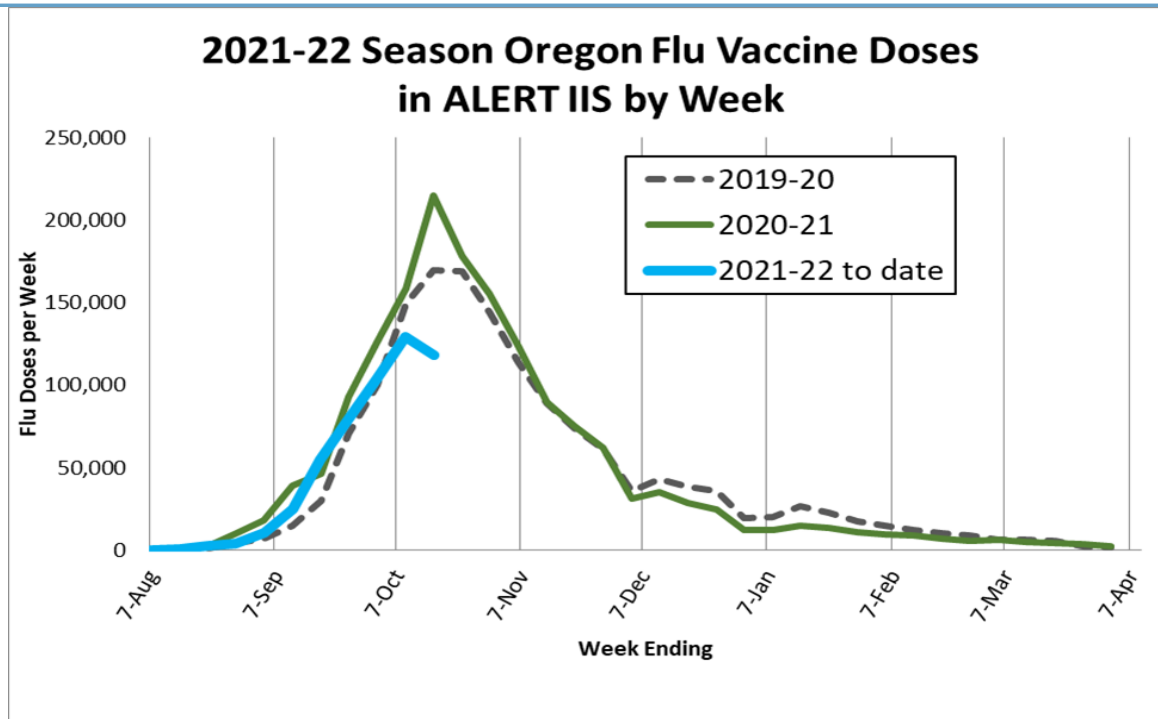
Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 41, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Oct 20th, OHA is seeing a drop in the number of weekly influenza immunizations when compared to past seasons. OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Oct. 20th, the ALERT IIS has over 600,000 influenza immunizations given this season.

Oregonians and providers that are more focused on COVID-19 than influenza immunizations is a possible reason for lower influenza immunization rates. Needing separate immunization visits for both vaccines within the same period of time is challenging to accomplish. Coadministration of COVID-19 and influenza immunizations at the same visit can ensure timely flu shots. From September 1st to October 18th, 11% of Oregonians with a COVID-19 immunization visit had a coadministered influenza immunization. There is a division between those who received a primary series COVID-19 immunization (3% flu coadministration) versus booster COVID-19 dose (26% flu coadministration). The chart below show the difference in numbers of influenza immunizations by age across the last season to this one, and the impact of missed opportunities for coadministering influenza immunizations at COVID-19 booster dose visits.



US Data (from CDC FluView):

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** Few specimens have tested positive.
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

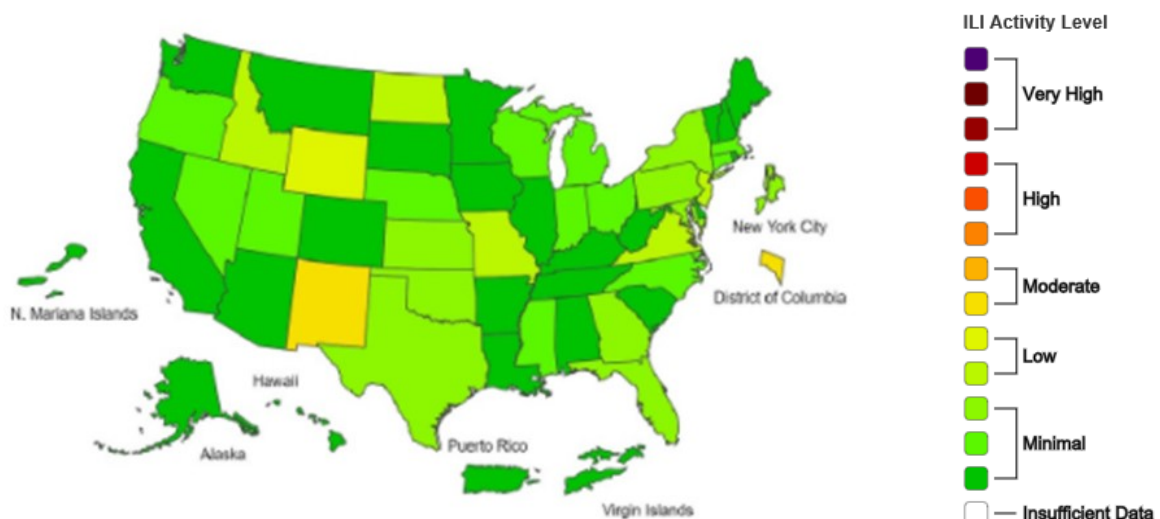
Illness

- **ILINet Outpatient Illness:** Nationwide during week 41, 1.8% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 0 jurisdictions experienced high or very high activity and 2 jurisdictions experienced moderate activity.

Severe Disease

- **Hospitalization:** Hospitalization rates will be updated weekly starting later this season.
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 21, 2021, 17.5% of the deaths that occurred during the week ending October 16, 2021 (week 41), 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:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 41 -- Ending October 16, 2021



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

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

Data at a Glance October 03, 2021—October 09, 2021 (Week 40)

	Current Week (40)	Previous Week (39)
Percentage of emergency department visits for ILI ¹	1.3%	1.3%
Percentage positive influenza tests ²	0.4%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	4.2%	2.4%

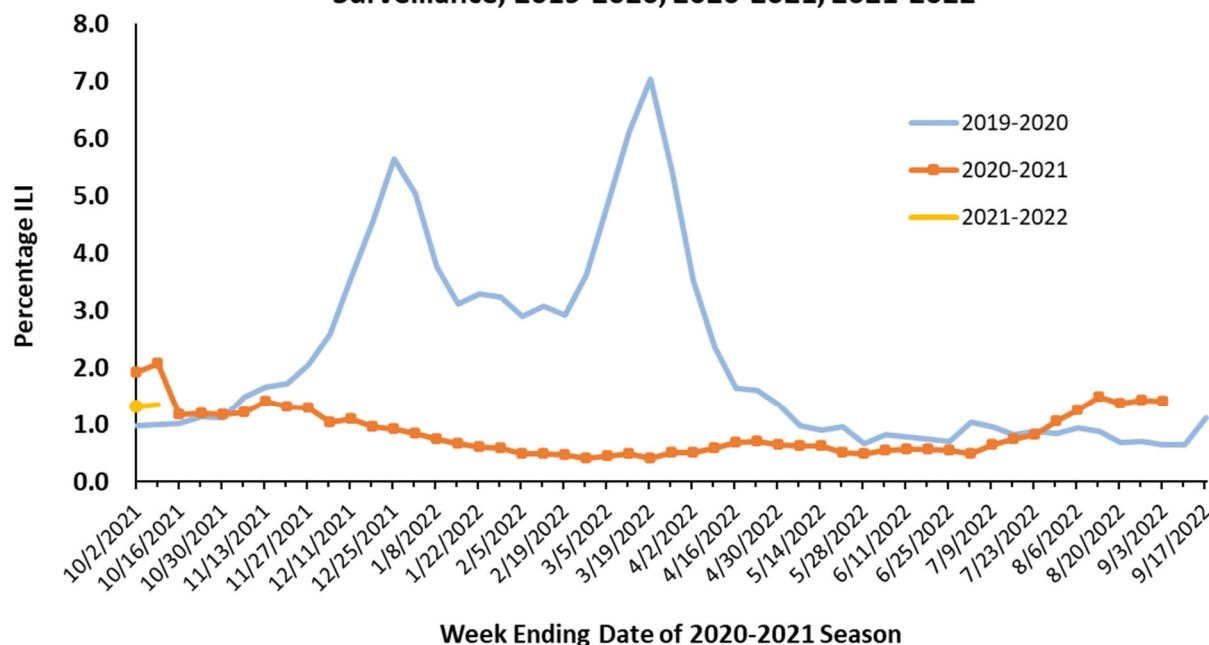
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous two influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 40, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Figure 2 shows that 0.4% of specimens tested at Oregon labs were positive for influenza during week 40, and the bar chart displays the number of influenza -positive tests by influenza type and percent positivity.

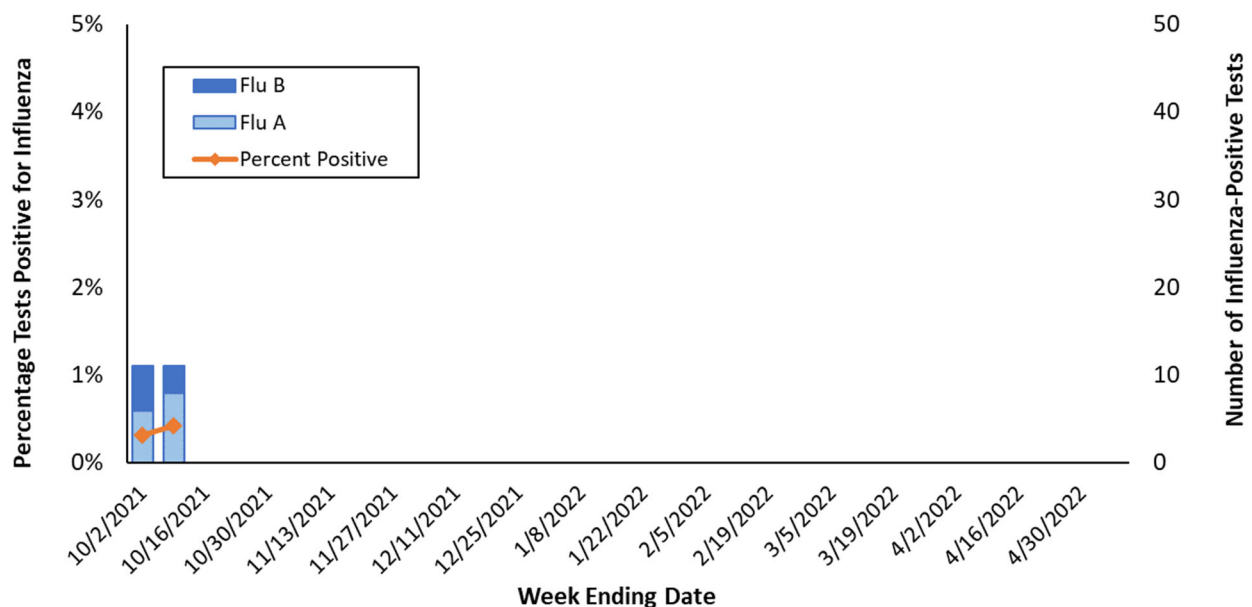
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

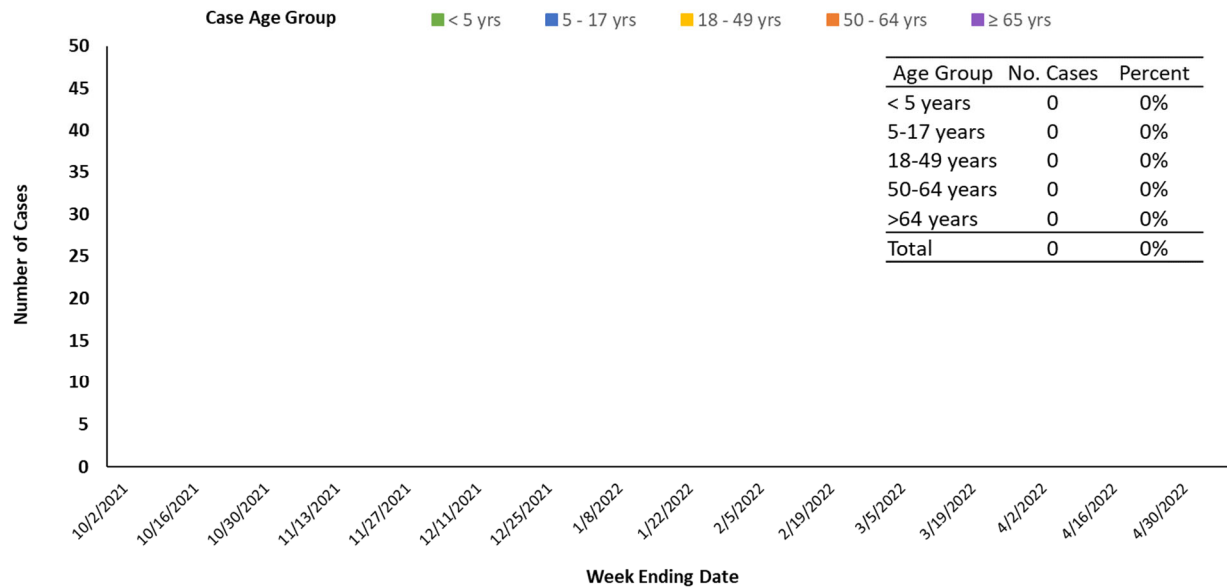
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1162	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	482	11	2.3%	8	72.7%	3	27.3%
Columbia Gorge	80	0	0.0%	0	0.0%	0	0.0%
Central Oregon	676	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	212	0	0.0%	0	0.0%	0	0.0%
State Total	2612	11	0.4%	8	72.7%	3	27.3%

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



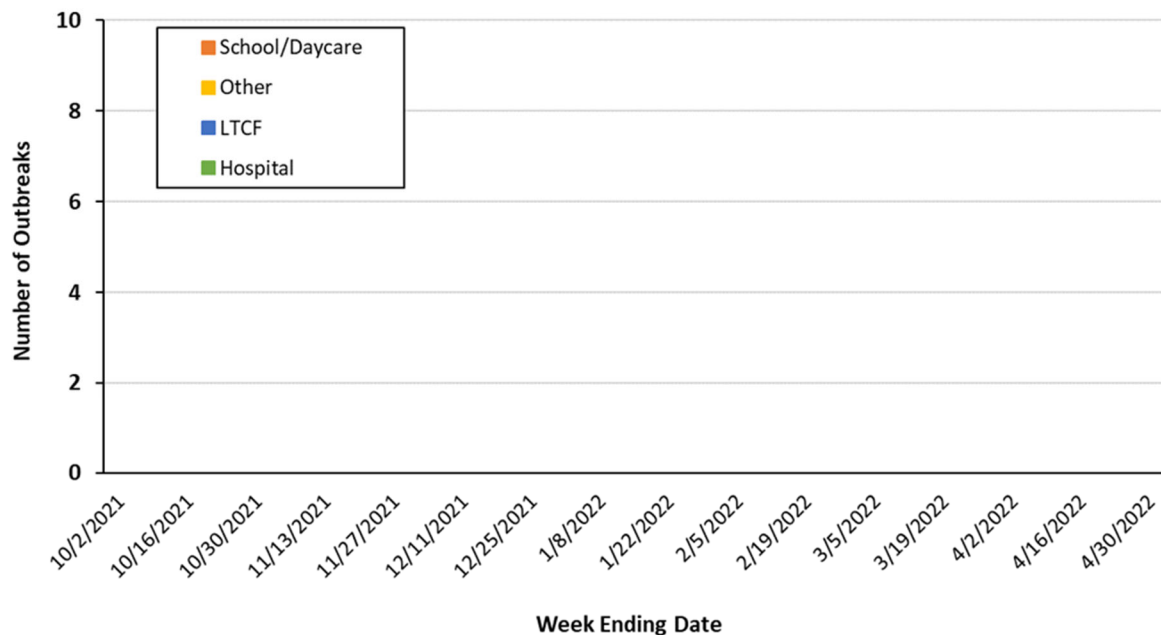
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 40 of 2021, there have been no reported hospitalizations during the 2021-2022 season.

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



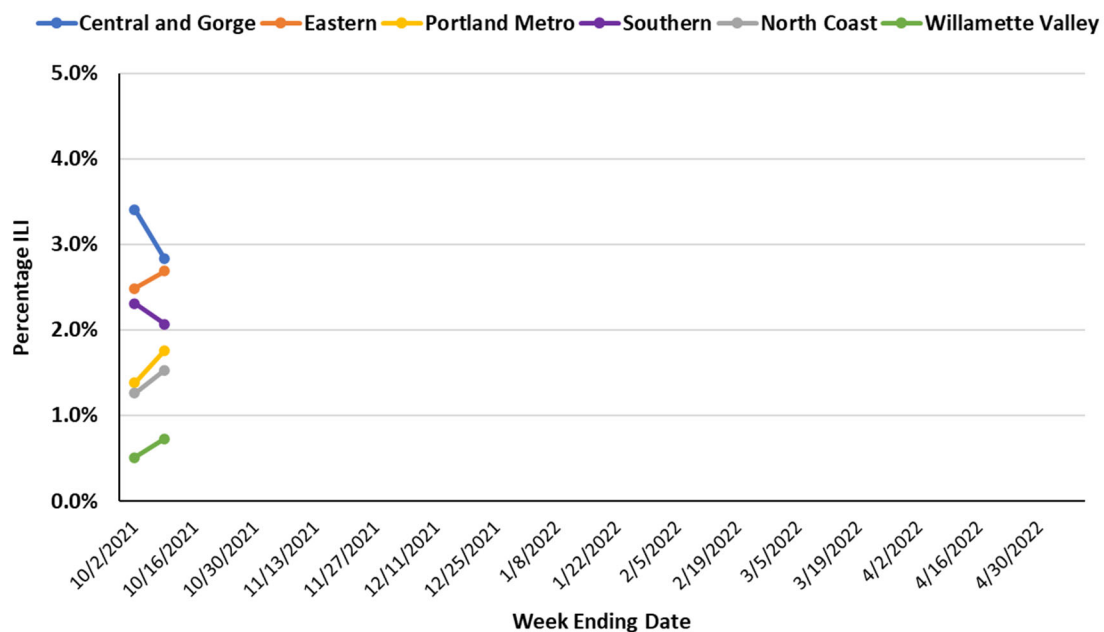
Influenza Outbreaks: There were no influenza outbreaks reported during week 40, 2021 and none yet reported during in the 2021-2022 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2021-2022 Season



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 40 of 2021 was 1.8%. Regionally, the percent was highest in the Central and Gorge regions (2.8%) and lowest in the Willamette Valley (0.7%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022

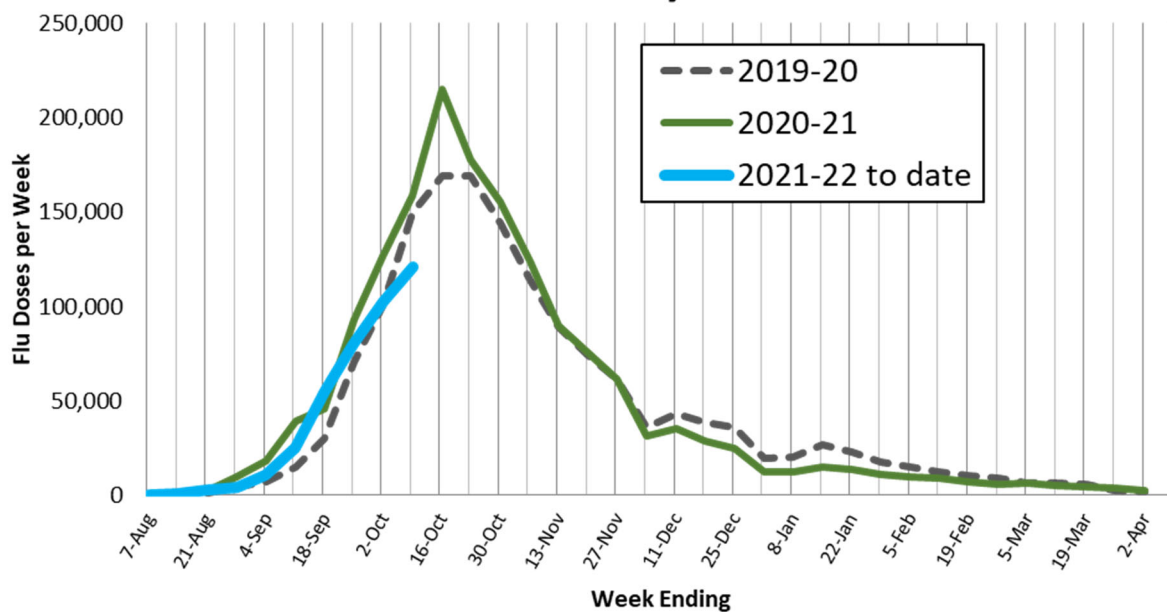


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 40, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

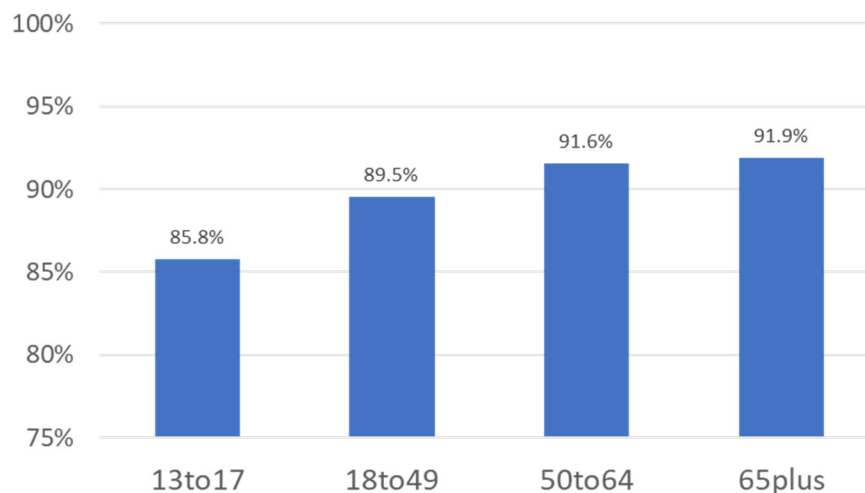
Vaccination Information: OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). As of Oct. 13th, the ALERT IIS has over 477,000 influenza immunizations given this season. The current season continues to run below last season in total numbers of influenza immunizations for almost all ages. The seasonal peak for influenza immunizations is expected in the next two weeks in Oregon.

A concern for the current influenza season is whether COVID-19 is having an impact on influenza immunization seeking. Some people may be reluctant to visit pharmacies or clinics for immunizations; others may be waiting to receive a booster dose of COVID vaccine. To date, 91% of adults who have received an influenza immunization this season also have received at least one COVID-19 immunization. Coadministration of influenza and COVID-19 vaccines is one strategy to increase population levels of both. So far this season, 6.5% of adult influenza immunizations were coadministered with COVID-19. Similarly, among those receiving a COVID-19 immunization from Sept 1st to Oct 4th, only 6.6% had a coadministered influenza immunization.

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



Percent of COVID-19 Immunization Among Oregonians Who Received an Influenza Immunization in the 2021-22 Season



US Data (from CDC FluView):

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** Few specimens have tested positive.
- **Virus Characterization:** Influenza virus characterization information will be reported later this season.

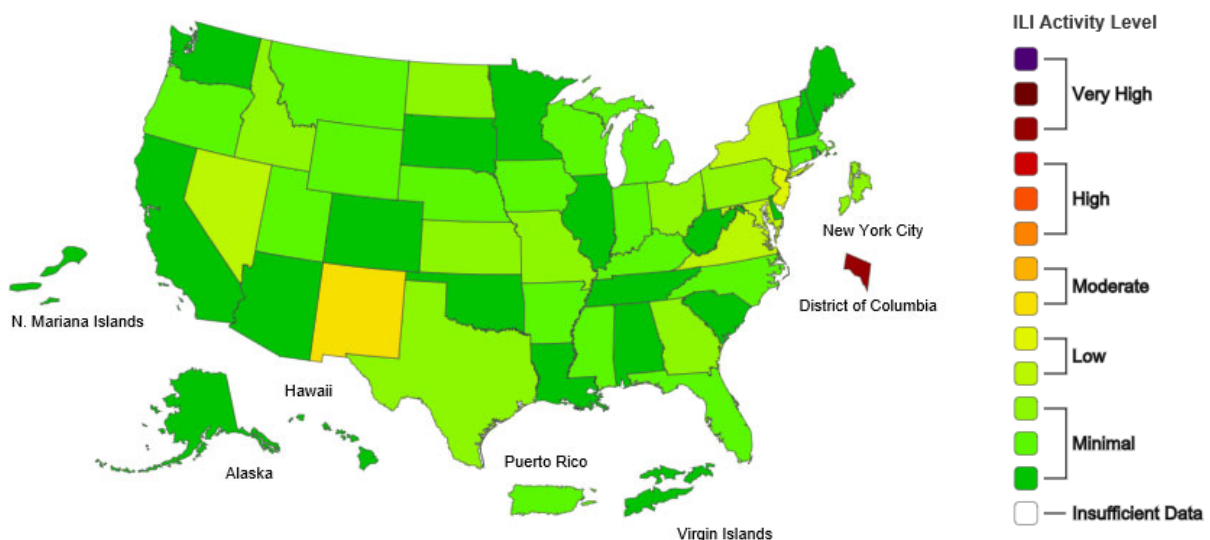
Illness

- **ILINet Outpatient Illness:** Nationwide during week 40, 1.9% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.5%.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced high or very high activity and 1 jurisdictions experienced moderate activity.

Severe Disease

- **Hospitalization:** Hospitalization rates will be updated weekly starting later this season.
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 14, 2021, 18.0% of the deaths that occurred during the week ending October 9, 2021 (week 40), were due to pneumonia, influenza, and/or COVID-19 (PIC). This percentage is above the epidemic threshold of 5.7% for this week.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2021-2022 season have been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 40 -- Ending October 9, 2021



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

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

Data at a Glance September 26, 2021—October 02, 2021 (Week 39)

	Current Week (39)	Previous Week (38)
Percentage of emergency department visits for ILI ¹	1.3%	1.2%
Percentage positive influenza tests ²	0.3%	---
Portland tri-county influenza-associated hospitalizations ³	0	---
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	2.4%	1.7%

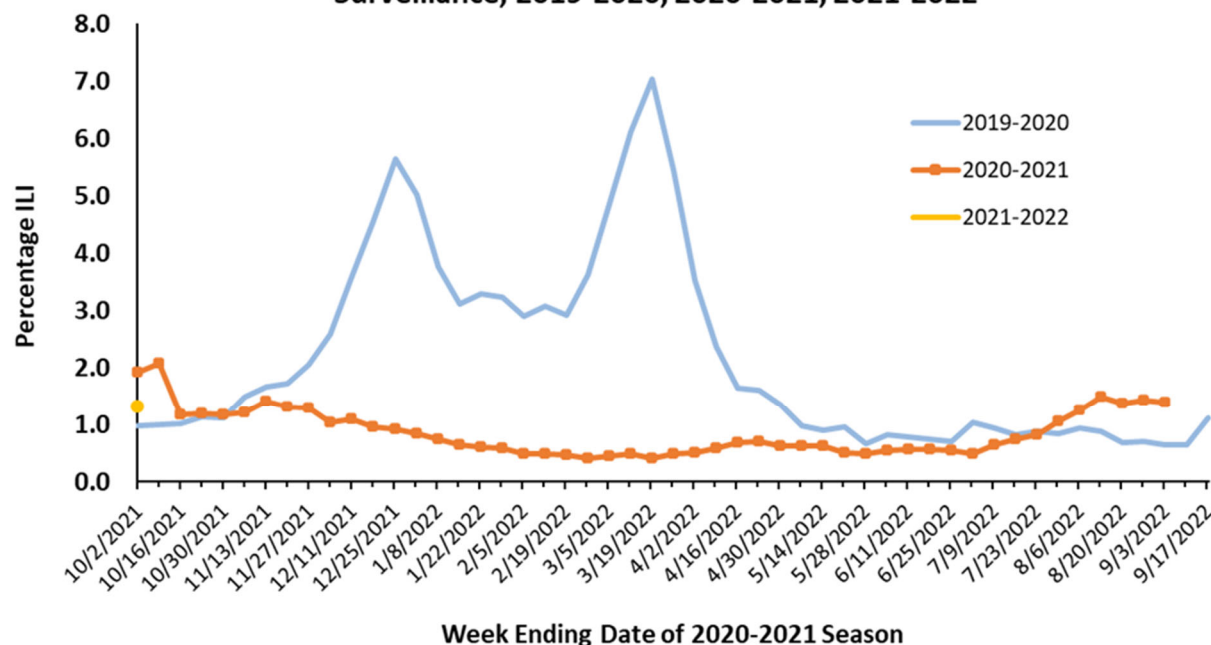
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2019-2020, 2020-2021, 2021-2022



Oregon ESSENCE Syndromic Surveillance: Oregon Public Health tracks hospital emergency department (ED) visits throughout the state using the Oregon ESSENCE syndromic surveillance system. ESSENCE categorizes chief complaints into syndrome categories, which include influenza-like illness (ILI). Figure 1, above, displays percentages for all of Oregon during this influenza season compared with the previous four influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week 39, 2021.

Laboratory Surveillance: The National Respiratory and Enteric Virus Surveillance System (NREVSS) is a laboratory-based system that monitors influenza and other respiratory viruses circulating the United States. More information is at CDC's [website](#).

Table 1 shows the tests conducted and results by region for the current week for influenza in specimens tested at the Oregon laboratories reporting to NREVSS. Figure 2 shows that 0.3% of specimens tested at Oregon labs were positive for influenza during week 39, and the bar chart displays the number of influenza -positive tests by influenza type and percent positivity.

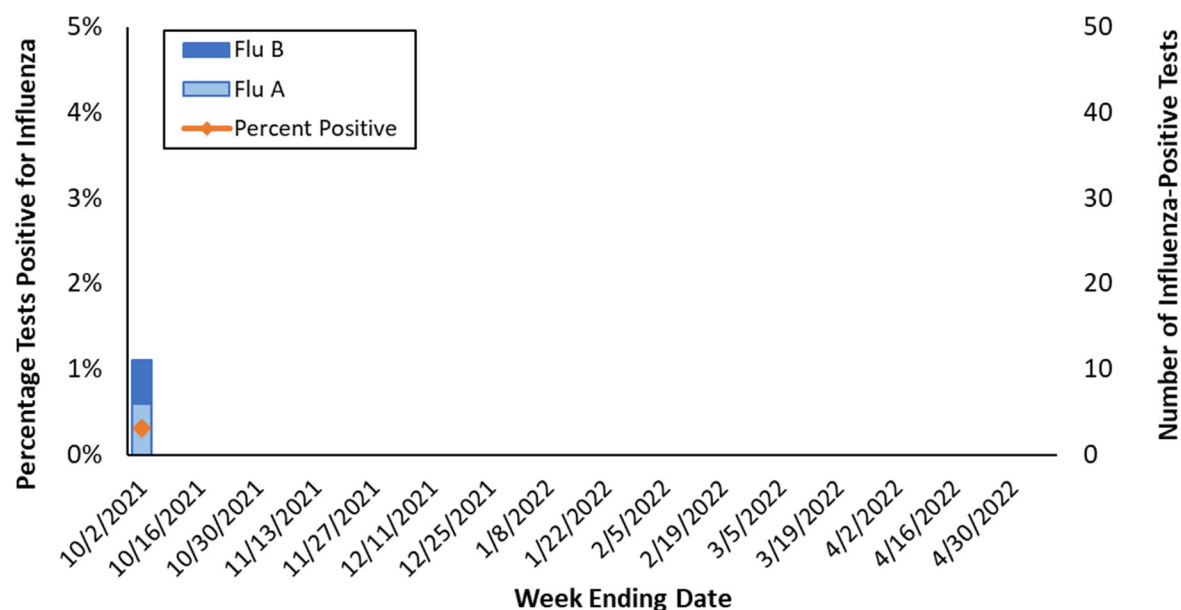
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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

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

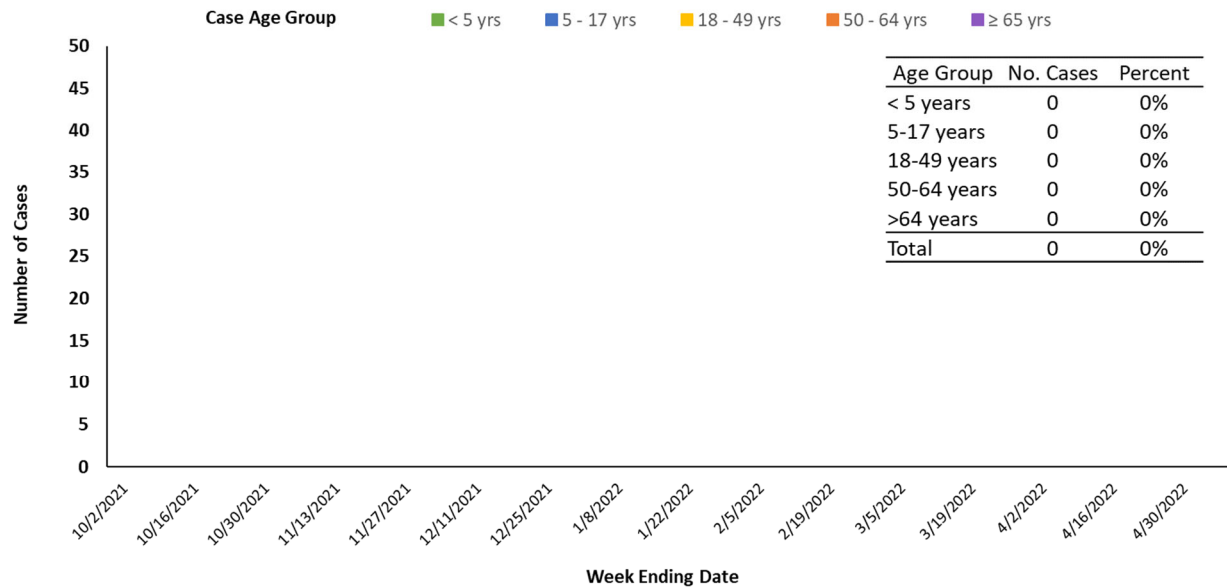
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2373	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	223	11	4.9%	6	54.5%	5	45.5%
Columbia Gorge	90	0	0.0%	0	0.0%	0	0.0%
Central Oregon	784	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	22	0	0.0%	0	0.0%	0	0.0%
State Total	3492	11	0.3%	6	54.5%	5	45.5%

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



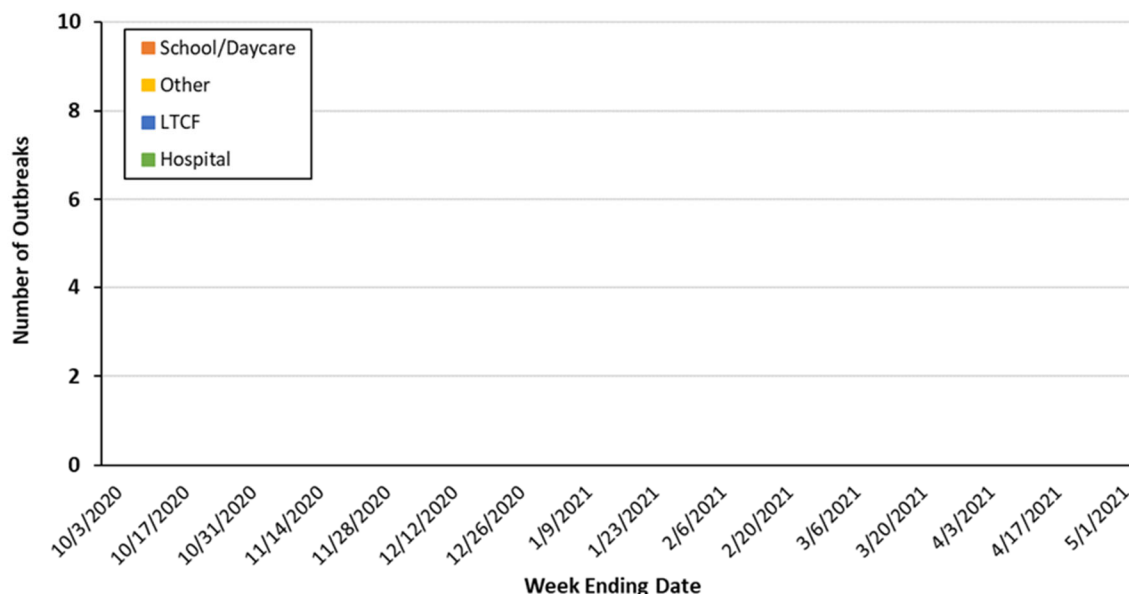
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 39 of 2021, there have been no reported hospitalizations during the 2021-2022 season.

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



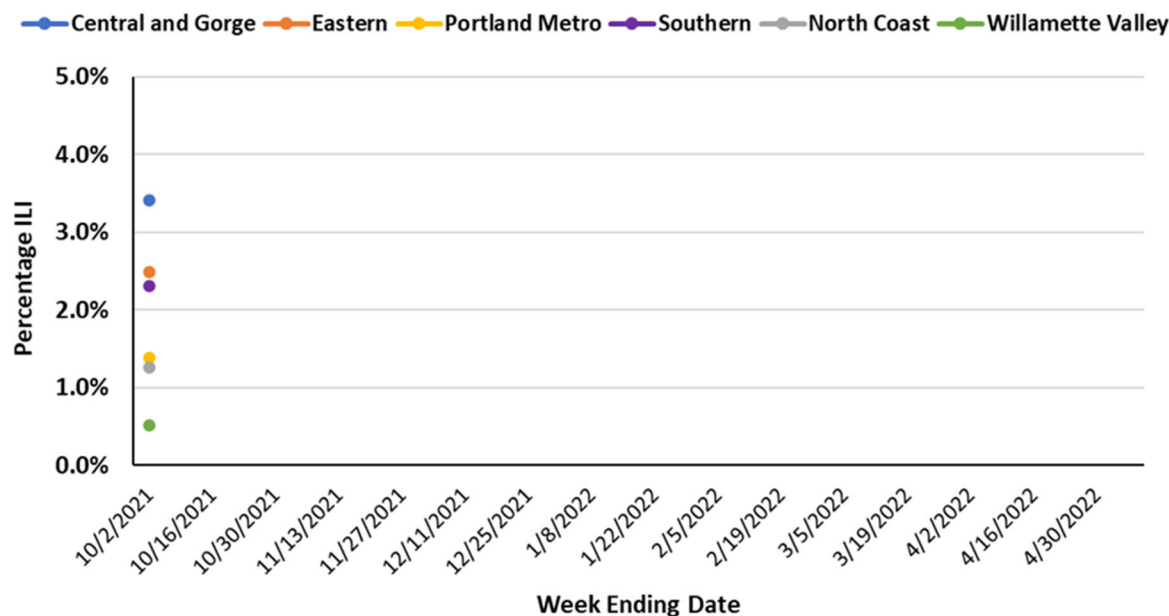
Influenza Outbreaks: There were no influenza outbreaks reported during week 39, 2021 and none yet reported during in the 2021-2022 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2020-2021 Season



Outpatient Influenza-like Illness Surveillance: Oregon's outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 39 of 2021 was 1.6%. Regionally, the percent was highest in the Central and Gorge regions (3.4%) and lowest in the Willamette Valley (0.5%).

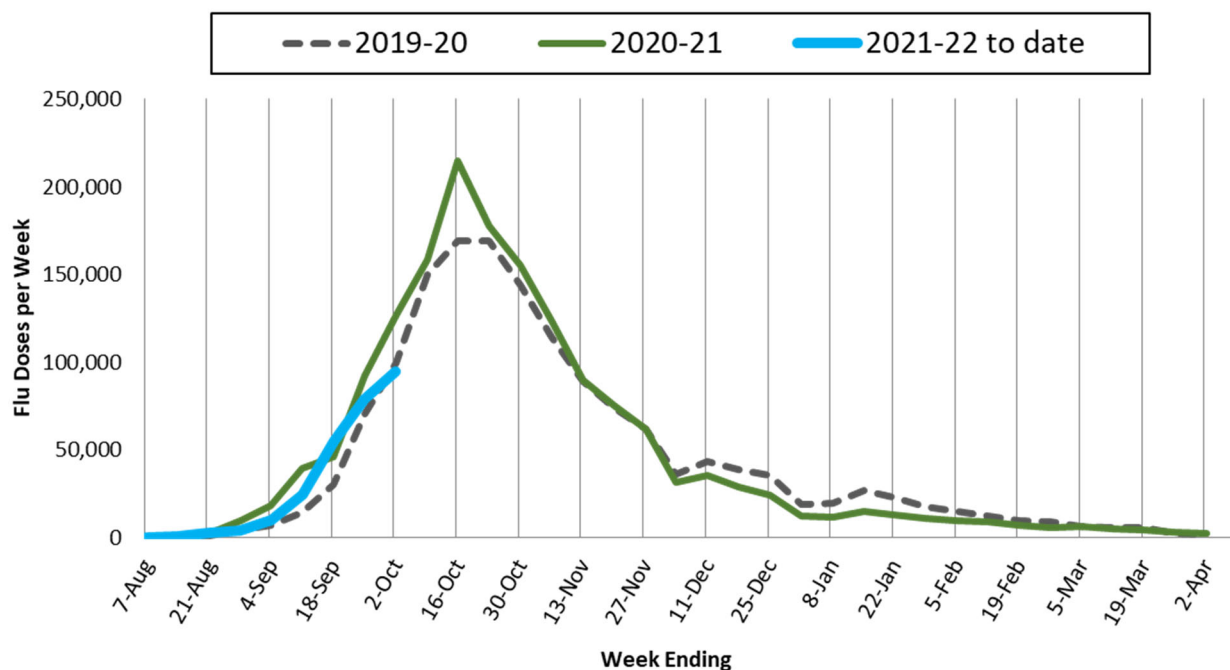
Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2021-2022



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric influenza deaths in Oregon reported during week 39, 2021 and none yet reported to the Oregon Health Authority in the 2021—2022 influenza season.

Vaccination Information: OHA tracks seasonal influenza immunizations in Oregon on a weekly basis using the ALERT Immunization Information System (ALERT IIS). To date, the ALERT IIS has received over 330,000 influenza immunization records this season. In comparison to last season's record levels of early season influenza immunization, this season is off to a slower start. As of Oct 6th, current influenza immunization levels are similar to pre-pandemic seasons, such as 2019-20, rather than last season. By age, this season to date is showing lower immunization volumes for adults in the age 50-75 range, as well as lower older child/adolescent immunization. One possible concern is whether school-age groups getting or about to get COVID-19 vaccination will forego extra visits for influenza immunization. Similarly, older adults and seniors may be waiting to receive COVID-19 booster doses, with or without concurrent influenza immunization.

Figure 7.2021-22 Season Oregon Flu Vaccine Doses in ALERT IIS by Week



US Data (from CDC FluView):

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.06% this week.
- **Public Health Labs:** There were 15 influenza positives reported by public health laboratories.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

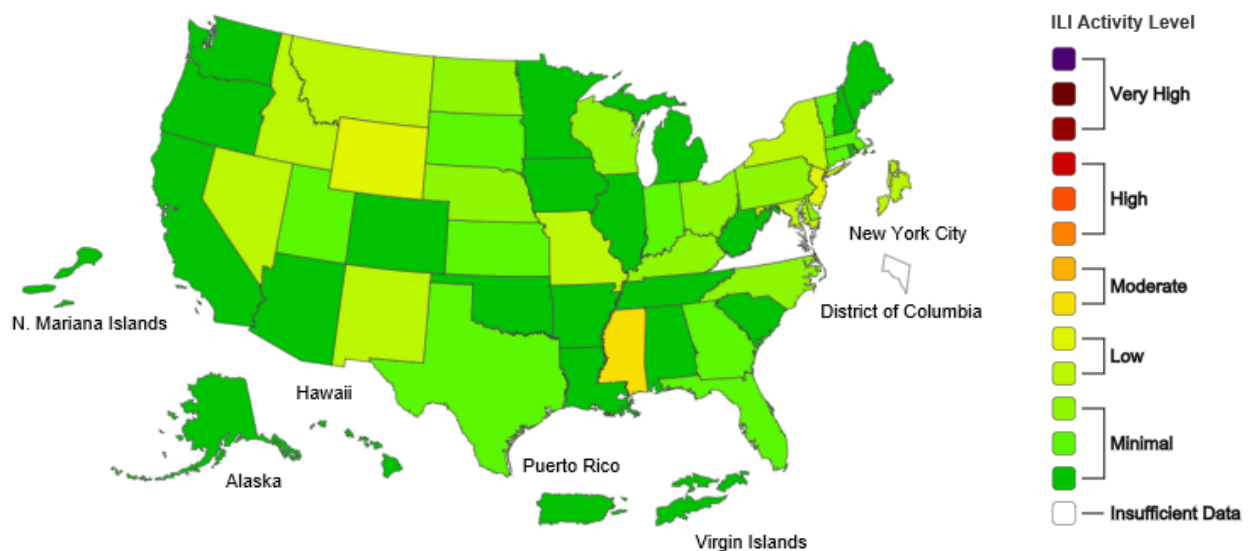
Illness

- **ILINet Outpatient Illness:** Nationwide during week 39, 1.9% of patient visits reported through ILINet were due to ILI. The percentage of patient visits for ILI remains below the baseline of 2.6% nationally. All ten regions are below their region-specific baselines. Influenza virus circulation remains low; therefore, increases in ILI activity are likely due to increased circulation of other respiratory viruses.
- **ILINet Activity Map:** During week 39, all jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalization:** Hospitalization rates will be updated weekly starting later this season.
- **PIC Mortality:** Based on NCHS mortality surveillance data available on October 7, 2021, 18.7% of the deaths that occurred during the week ending October 2, 2021 (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 3,296 PIC deaths reported for this week, 2,607 had COVID-19 listed as an underlying or contributing cause of death on the death certificate, and four listed influenza, indicating that current PIC mortality is due primarily to COVID-19 and not influenza. The data presented are preliminary and may change as more data are received and processed.
- **Pediatric Deaths:** No influenza-associated pediatric deaths were reported to CDC during week 39. One influenza-associated pediatric death occurring during the 2020-2021 season has been reported to CDC.

Influenza-like Illness (ILI) Activity Level Indicator by Data Reported to ILINet
2021-2022 Influenza Season Week 39—Ending October 2, 2021



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