

Data at a Glance February 07, 2021—February 13, 2021 (Week 06)

	Current Week (06)	Previous Week (05)
Percentage of emergency department visits for ILI ¹	0.5%	0.5%
Percentage positive influenza tests ²	0.1%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	31	49
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

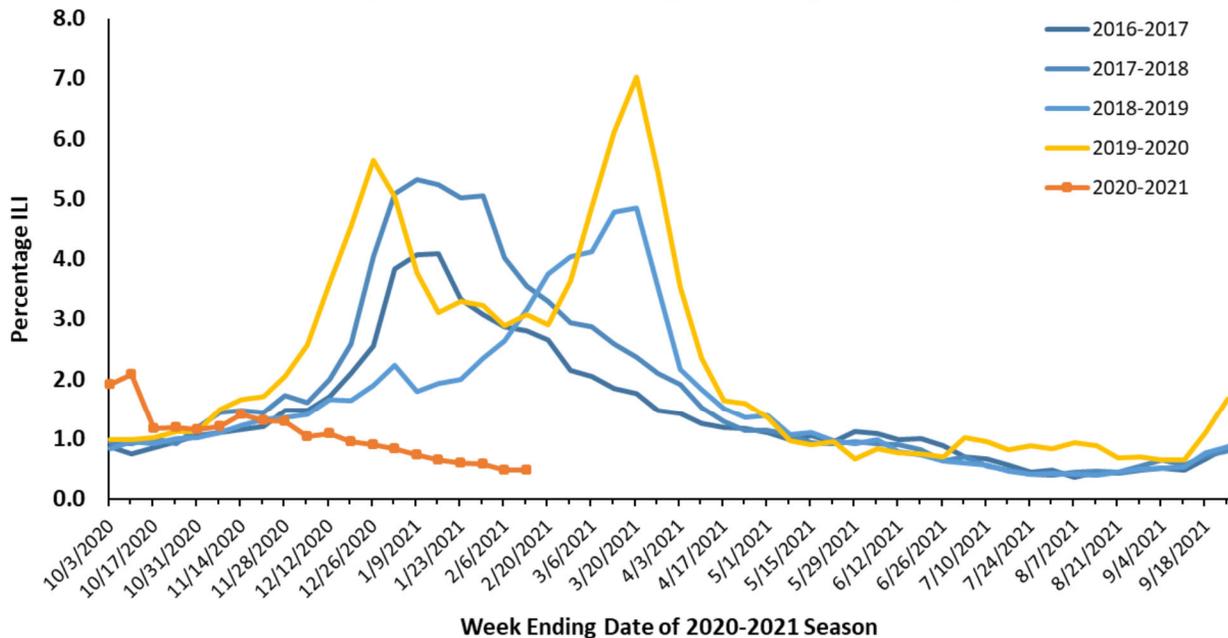
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 0.5% during week 06, 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 0.1% of specimens tested at Oregon labs were positive for influenza during week 06, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

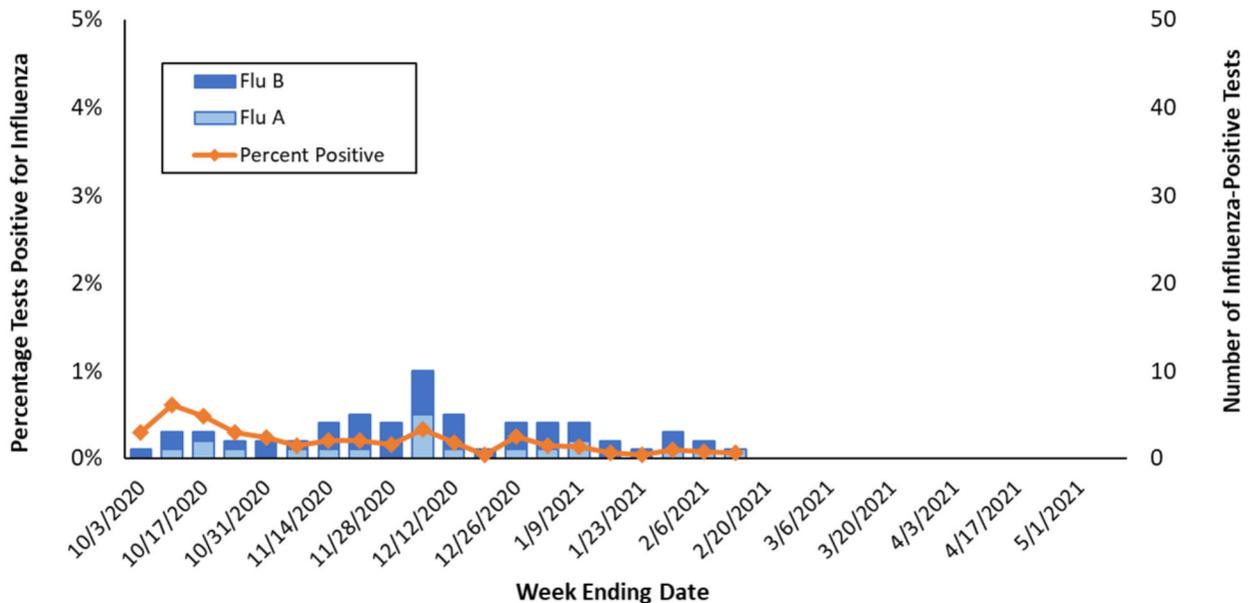
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

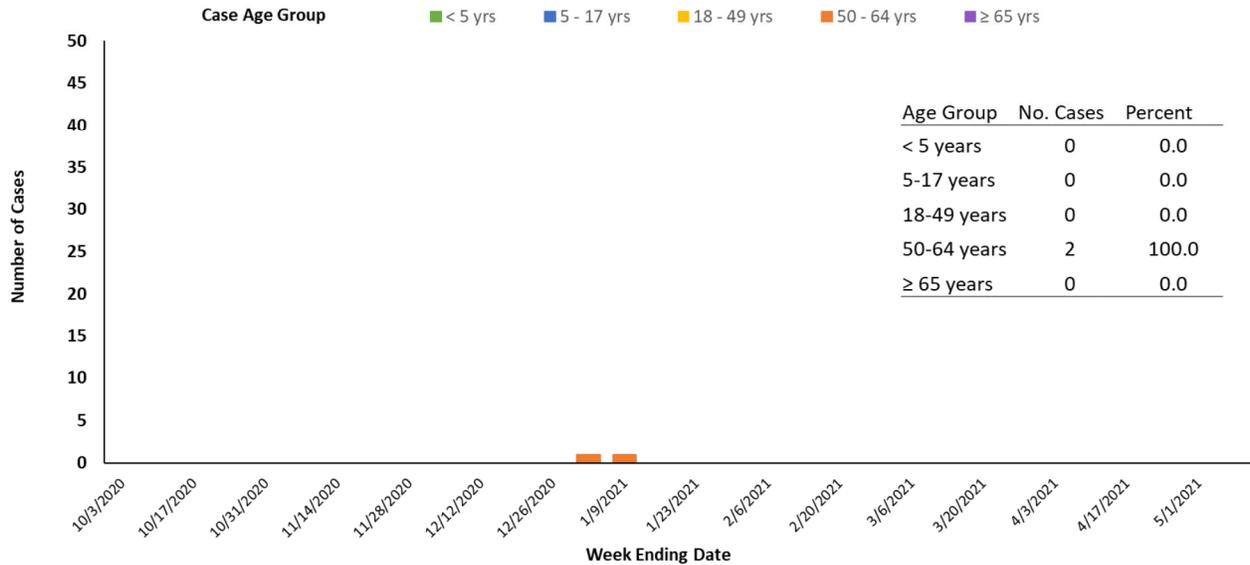
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	764	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	379	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	82	1	1.2%	1	100.0%	0	0.0%
Central Oregon	352	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	159	0	0.0%	0	0.0%	0	0.0%
State Total	1736	1	0.1%	1	100.0%	0	0.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



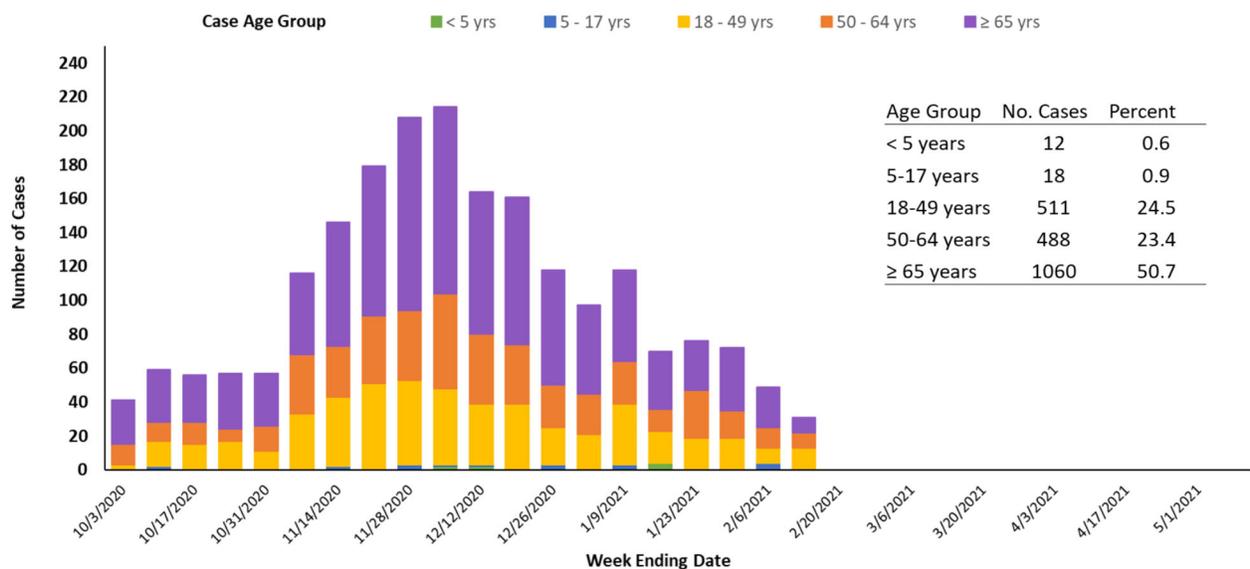
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 06 of 2021, bringing us to a total of two reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



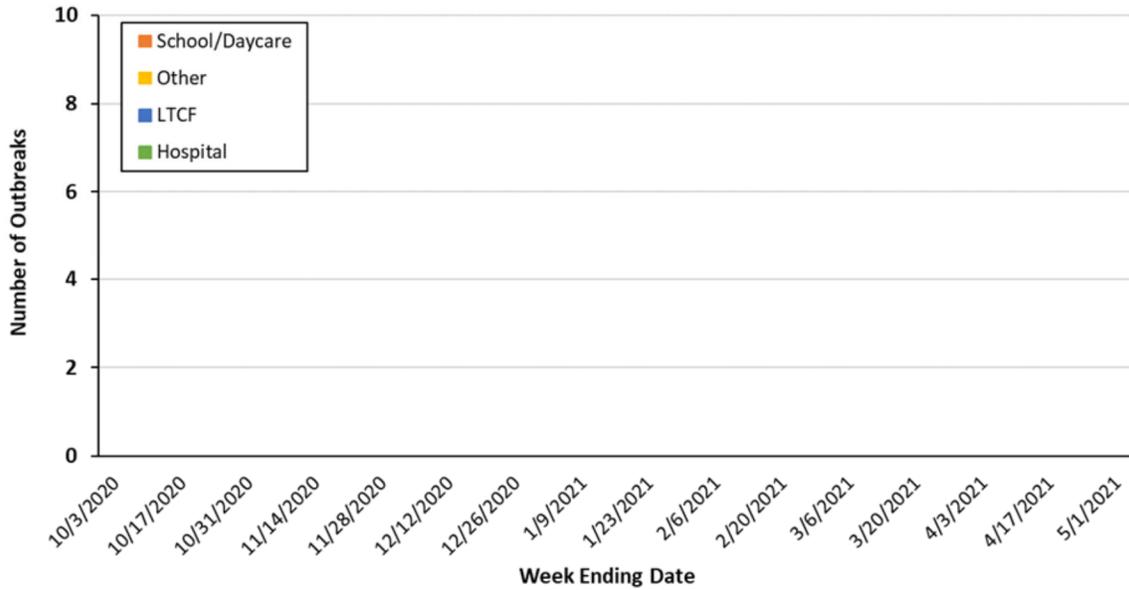
Portland Tri-County COVID-19 Hospitalizations: There were 31 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 06 of 2021. A total of 2,089 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



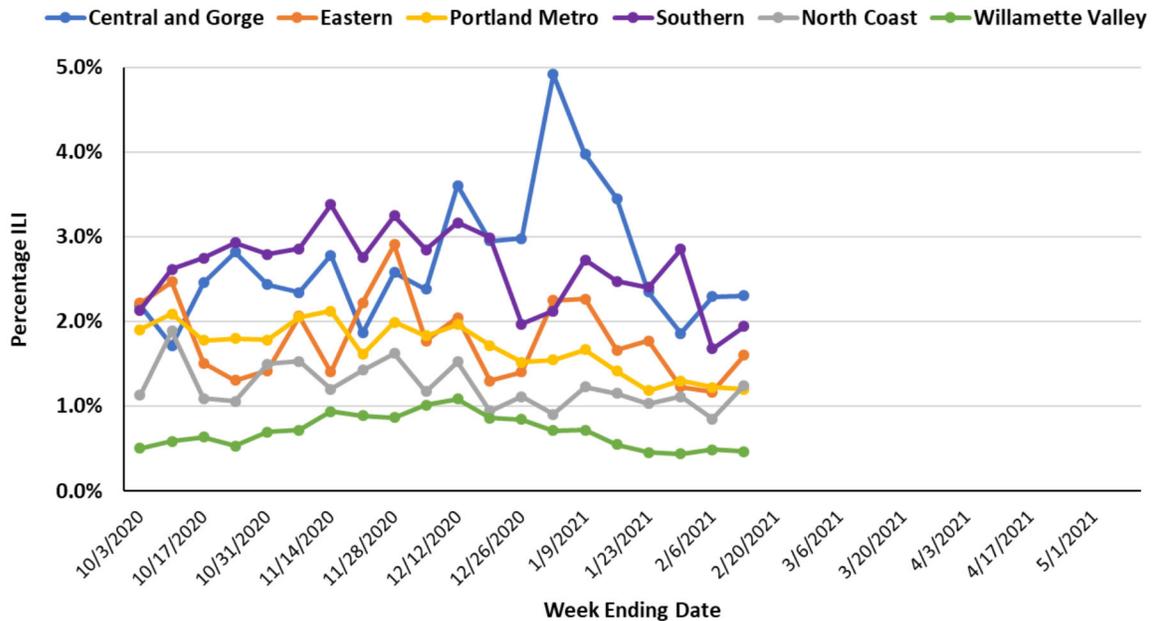
Influenza Outbreaks: There were no influenza outbreaks reported during week 06, 2021 and none yet reported during in the 2020-2021 influenza season.

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 06 of 2021 was 1.4%. Regionally, the percent was highest in the Central and Gorge regions (2.3%) and lowest in the Willamette Valley (0.5%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 06, 2021 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: For the week ending February 13th of 2021, the rate of new influenza immunizations continues to decline. This decline is consistent with prior seasons at this time. As a caveat, the ALERT IIS receives reports for most, but not all, influenza immunizations given in Oregon.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

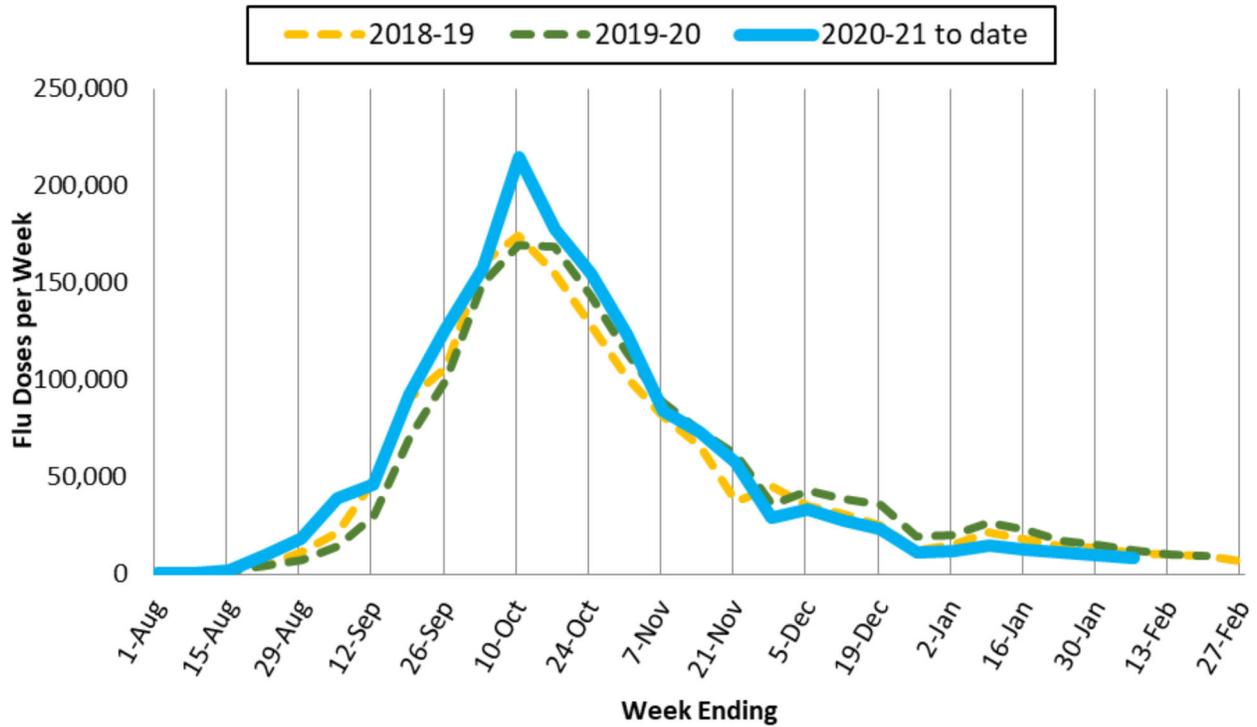
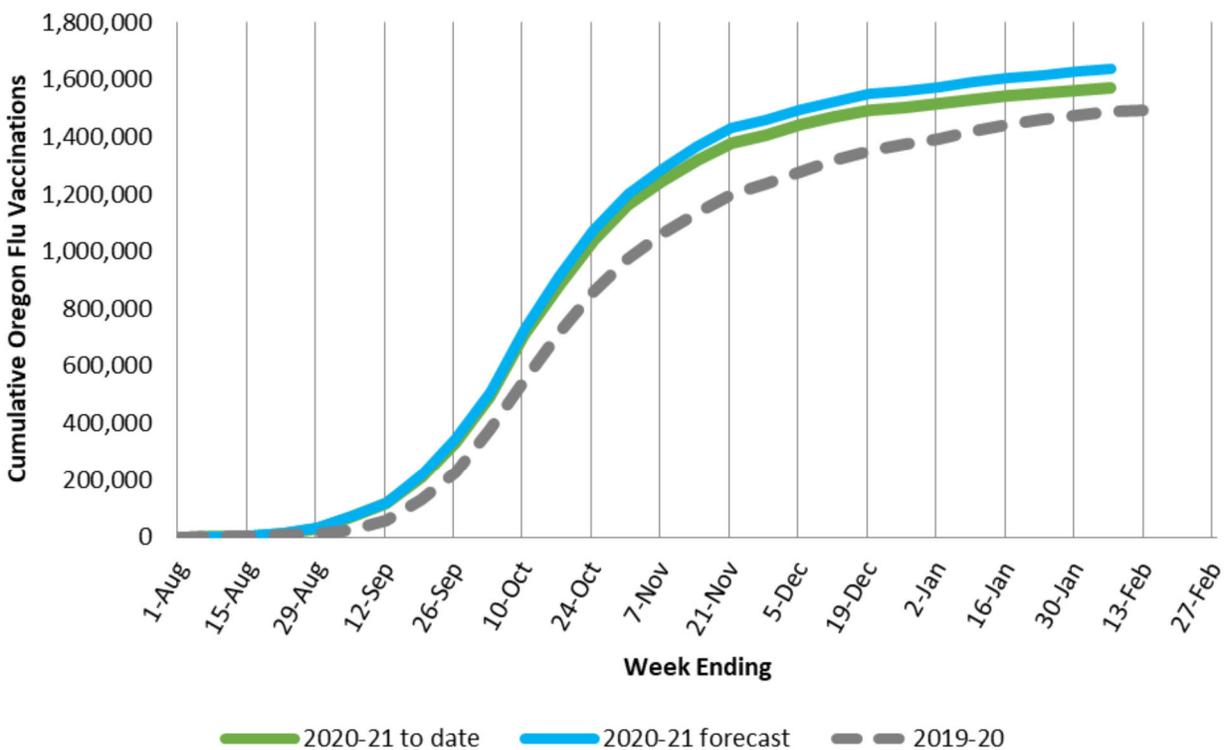


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains unusually low.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

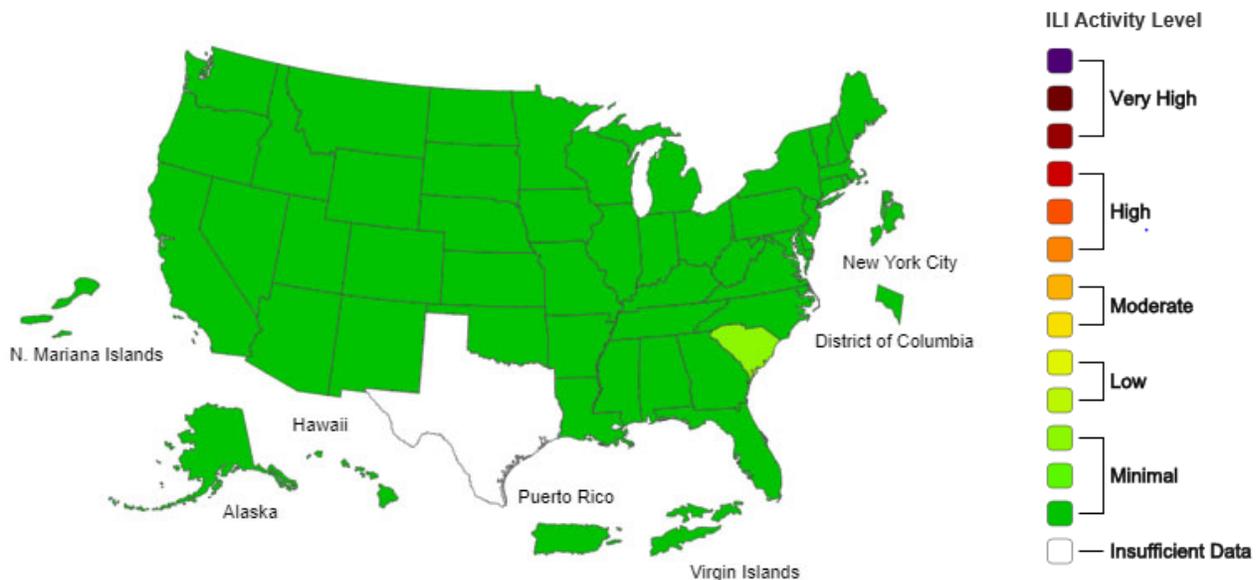
Illness

- **ILINet Outpatient Illness:** This week, 1.1% of patient visits to a health care provider were for influenza-like illness (ILI), remaining stable (change of $\leq 0.1\%$) compared to week 5 (1.2%). National ILI remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week all jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** FluSurv-NET sites have reported a current cumulative hospitalization rate of 0.6 per 100,000 population. In 2011-12, a low severity season, the rate was 1.6 times higher at this time in the season.
- **P&I Mortality:** 22.3% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 7.2%. Currently, the majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 06—Ending February 13, 2021**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance January 31, 2021—February 06, 2021 (Week 05)

	Current Week (05)	Previous Week (04)
Percentage of emergency department visits for ILI ¹	0.5%	0.6%
Percentage positive influenza tests ²	0.1%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	44	72
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.2%

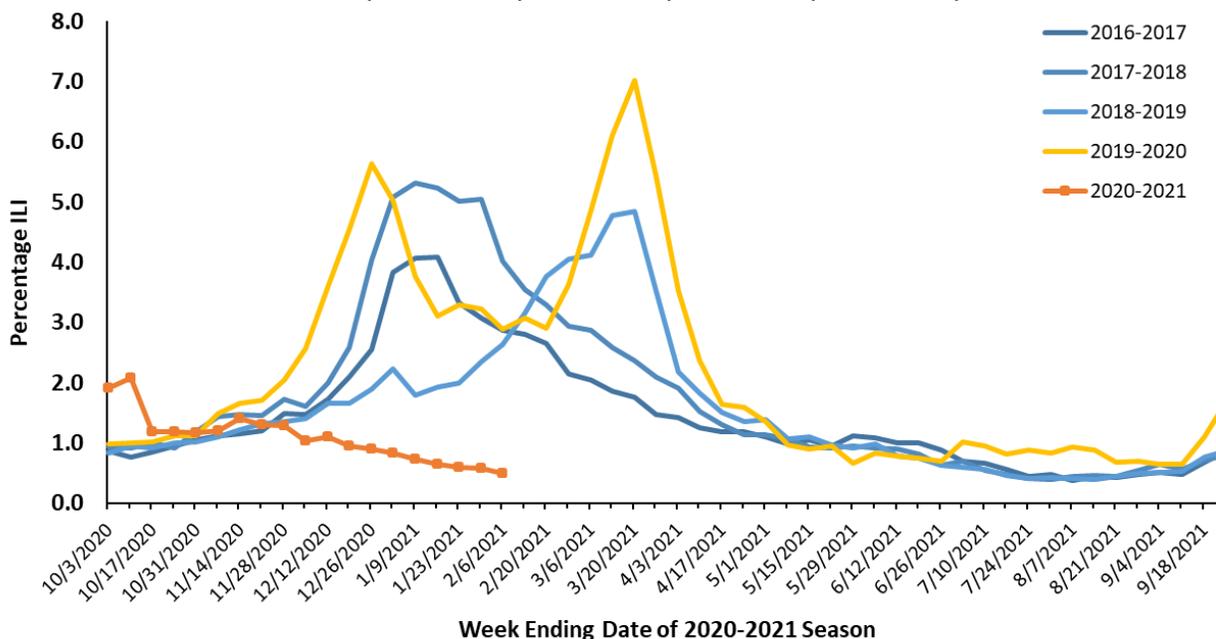
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.5% during week 05, 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 0.1% of specimens tested at Oregon labs were positive for influenza during week 05, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

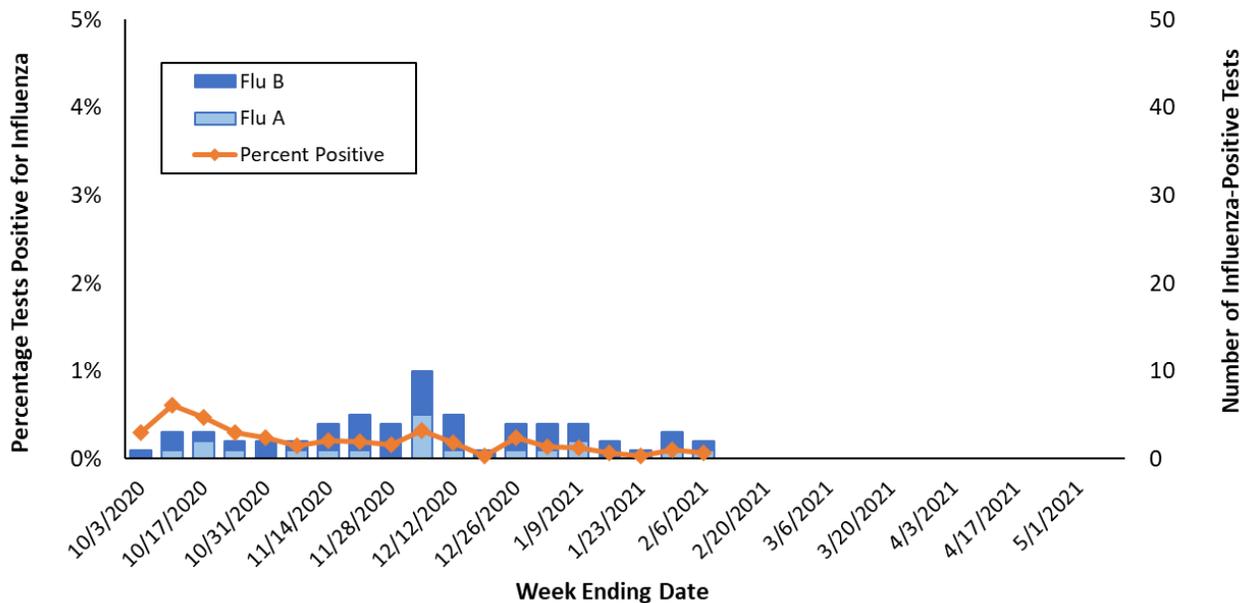
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

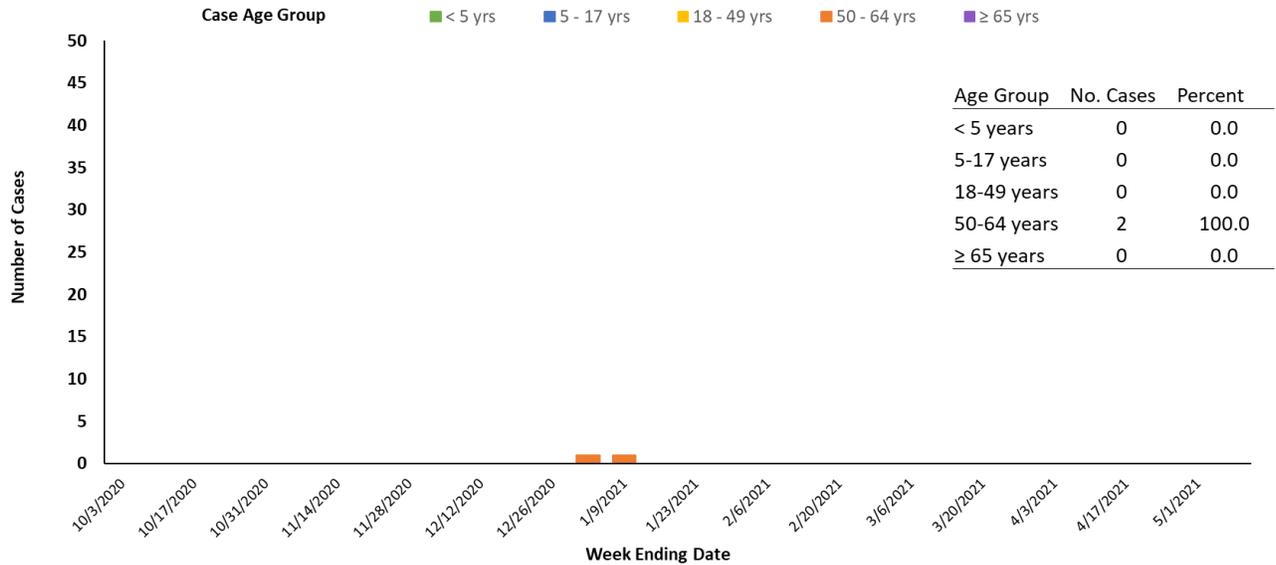
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1888	1	0.1%	1	100.0%	0	0.0%
Southern Oregon	363	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	91	0	0.0%	0	0.0%	0	0.0%
Central Oregon	425	1	0.2%	0	0.0%	1	100.0%
Willamette Valley	161	0	0.0%	0	0.0%	0	0.0%
State Total	2928	2	0.1%	1	50.0%	1	50.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



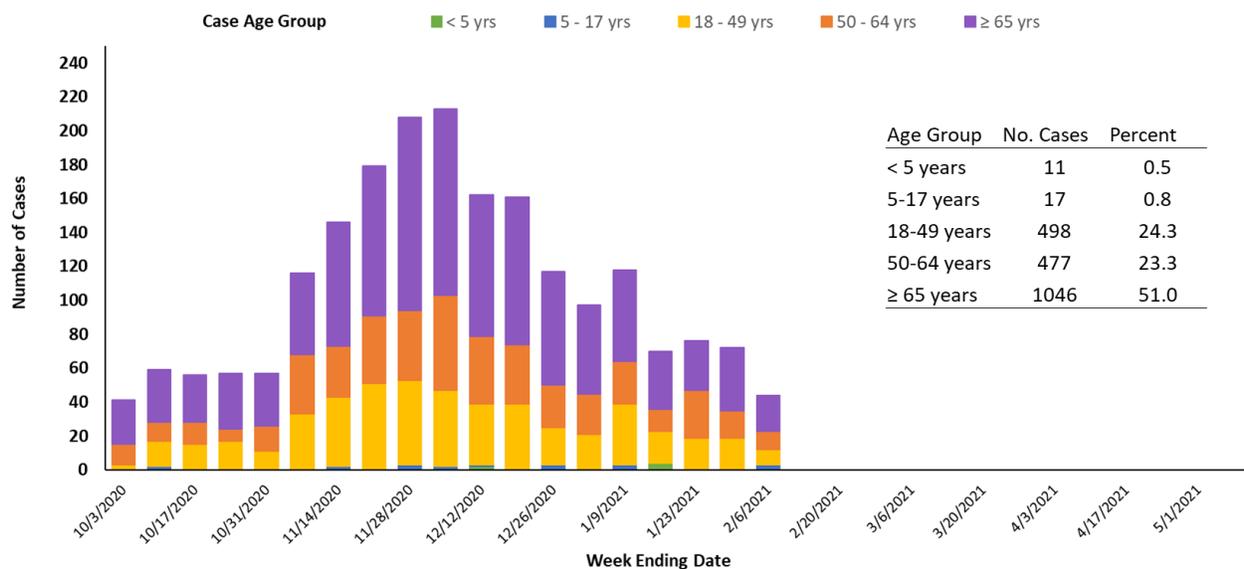
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 05 of 2021, bringing us to a total of two reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



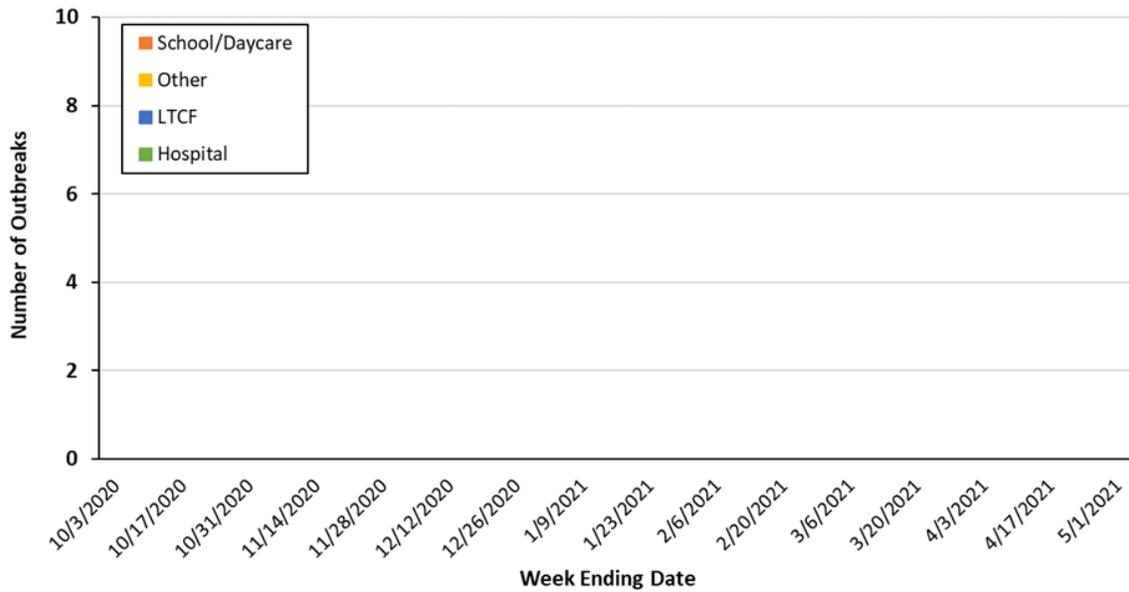
Portland Tri-County COVID-19 Hospitalizations: There were 44 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 05 of 2021. A total of 2,049 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



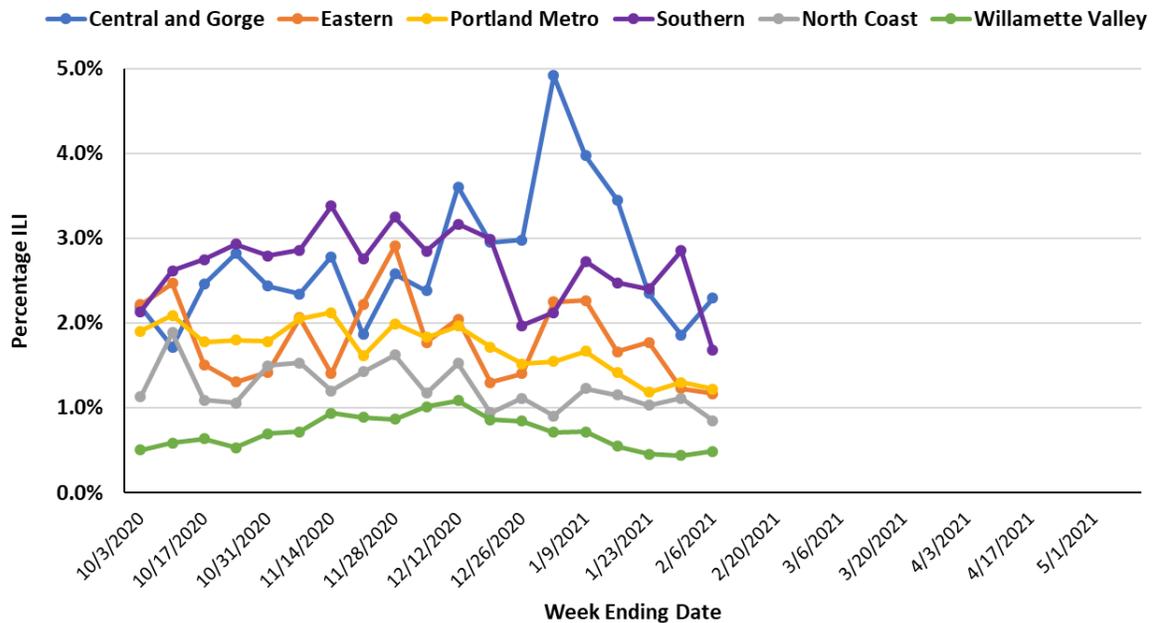
Influenza Outbreaks: There were no influenza outbreaks reported during week 05, 2021 and none yet reported during in the 2020-2021 influenza season.

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 05 of 2021 was 1.3%. Regionally, the percent was highest in the Central and Gorge regions (2.3%) and lowest in the Willamette Valley (0.5%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 05, 2021 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: For the week ending February 6th of 2021, 8,576 new influenza immunizations were given to Oregonians; 854 fewer than in the prior week. As a caveat, the ALERT IIS receives reports for most, but not all, influenza immunizations given in Oregon.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

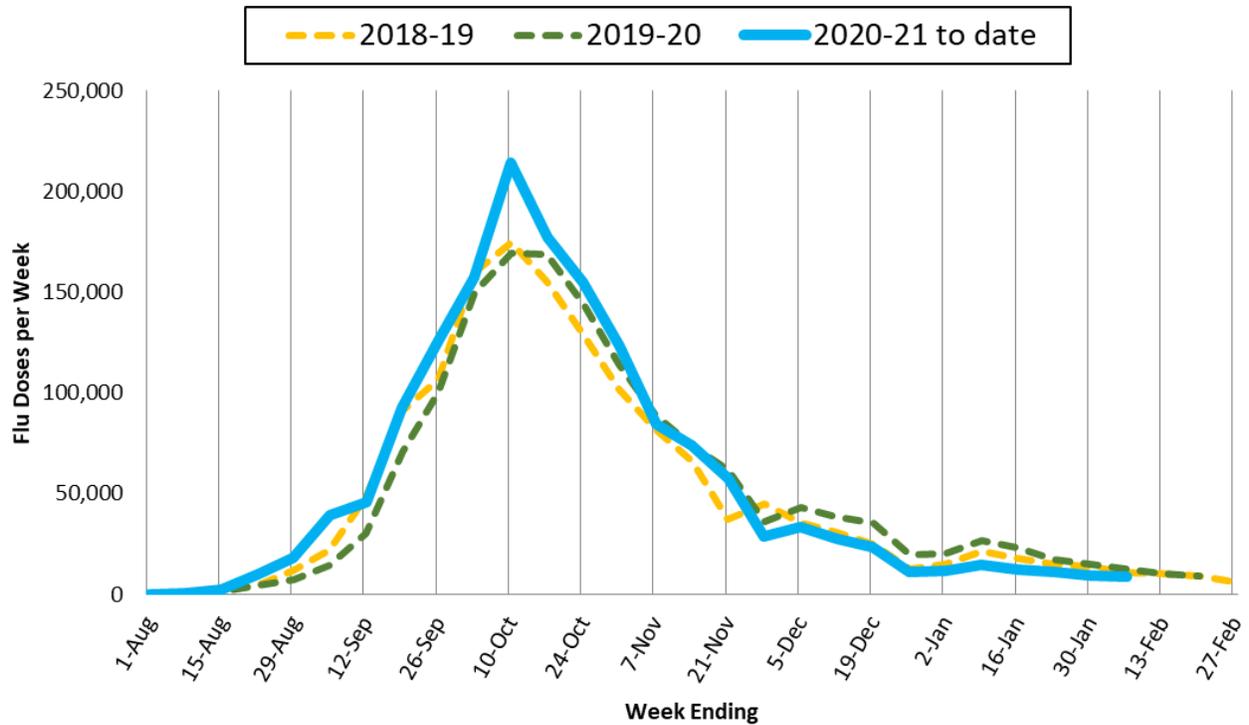
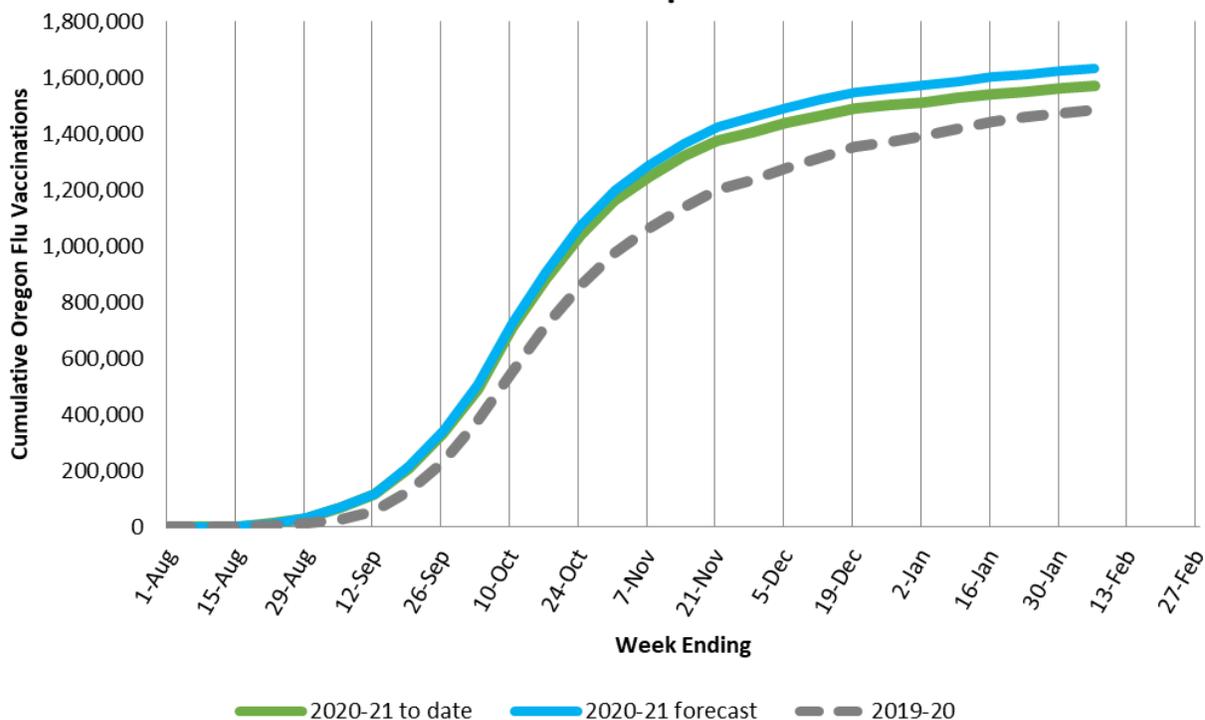


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains unusually low.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

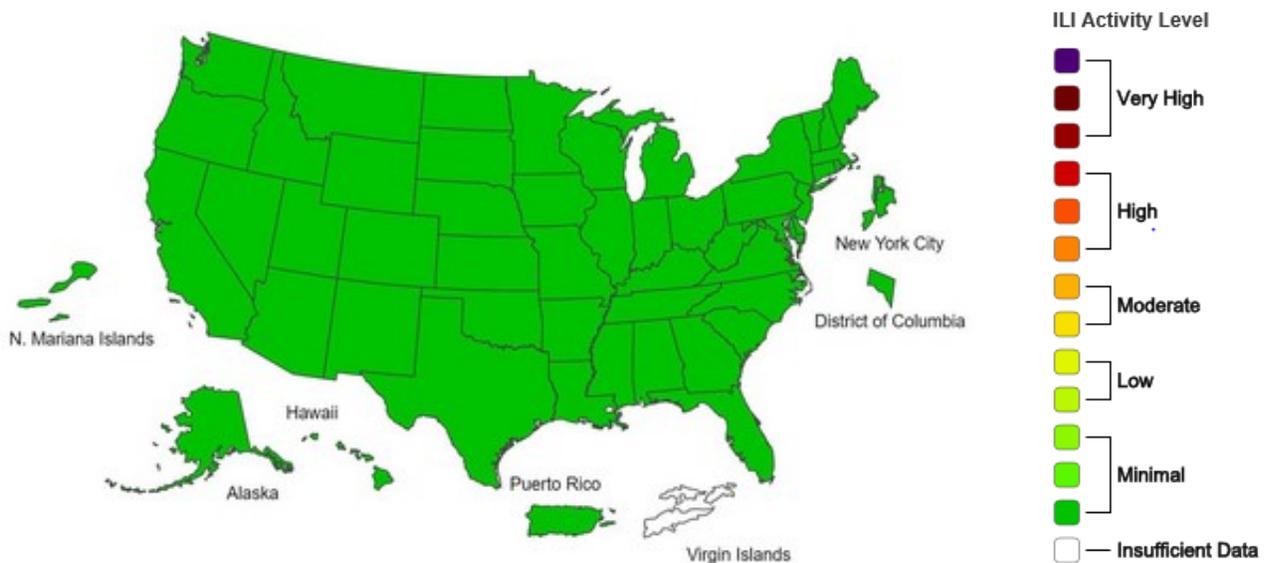
Illness

- **ILINet Outpatient Illness:** This week, 1.1% of patient visits to a health care provider were for influenza-like illness (ILI), remaining stable ($\pm 0.1\%$) compared to week 4. National ILI remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week all jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** FluSurv-NET sites have reported 165 laboratory-confirmed influenza hospitalizations so far this season for an overall cumulative hospitalization rate of 0.6 per 100,000 population.
- **P&I Mortality:** 25.0% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 7.2%. Currently, the majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 04—Ending January 30, 2021**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance January 24, 2021—January 30, 2021 (Week 04)

	Current Week (04)	Previous Week (03)
Percentage of emergency department visits for ILI ¹	0.49%	0.6%
Percentage positive influenza tests ²	0.1%	<0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	54	71
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.2%	0.0%

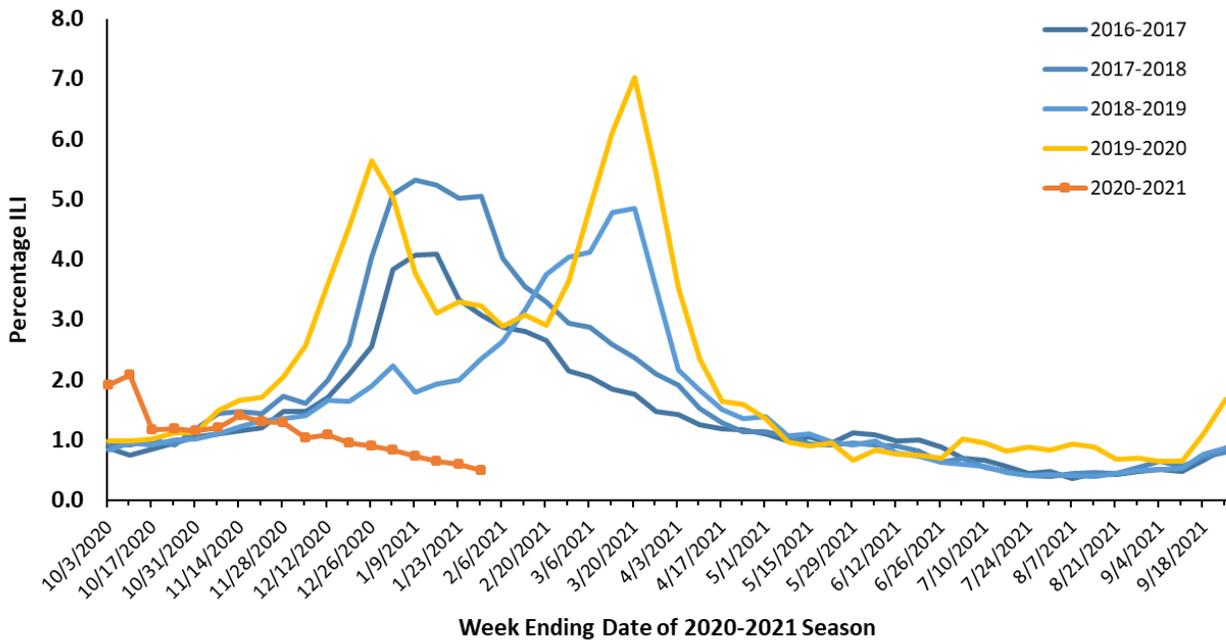
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.49% during week 04, 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 less than 0.1% of specimens tested at Oregon labs were positive for influenza during week 04, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

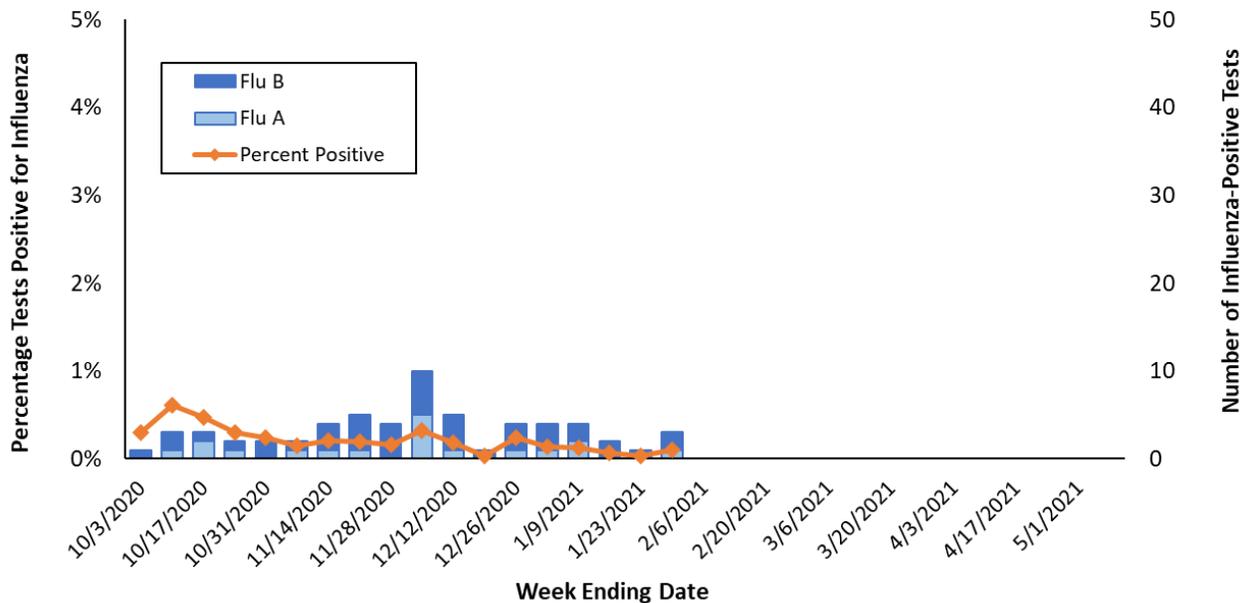
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

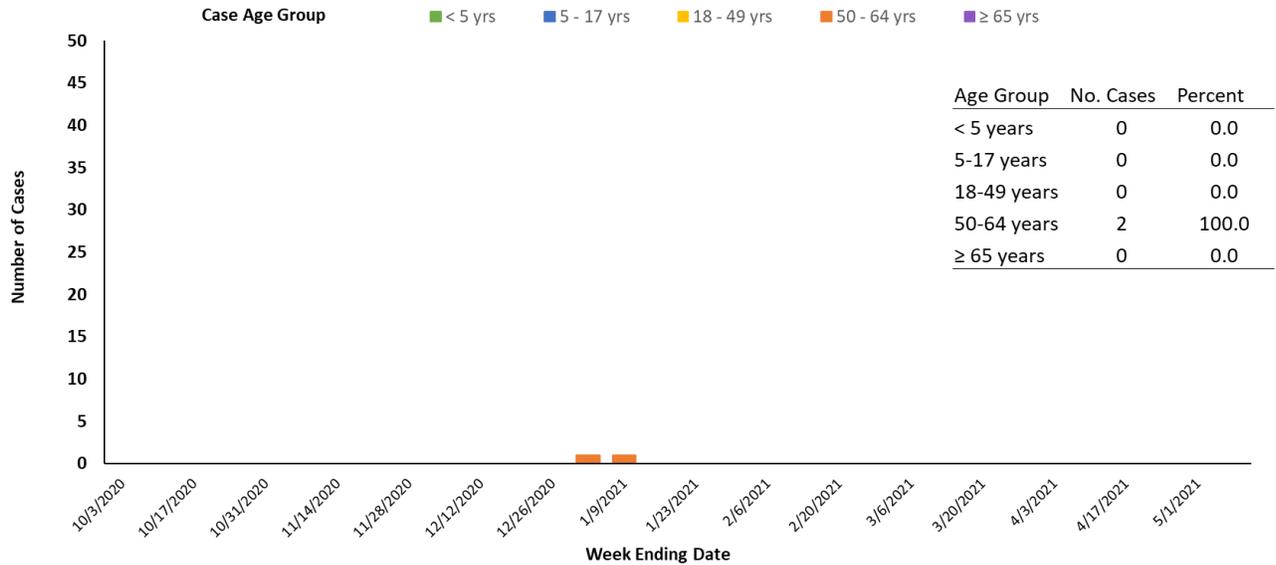
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1868	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	433	1	0.2%	1	100.0%	0	0.0%
Columbia Gorge	95	0	0.0%	0	0.0%	0	0.0%
Central Oregon	422	2	0.5%	0	0.0%	2	100.0%
Willamette Valley	138	0	0.0%	0	0.0%	0	0.0%
State Total	2956	3	0.1%	1	33.3%	2	66.7%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



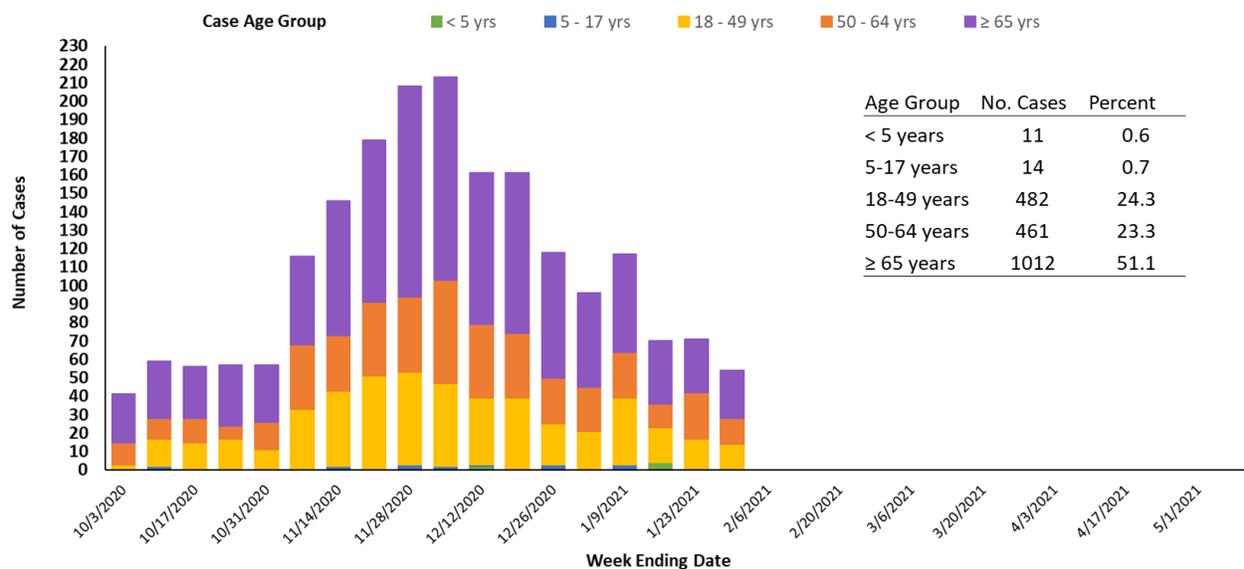
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 04 of 2021, bringing us to a total of two reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



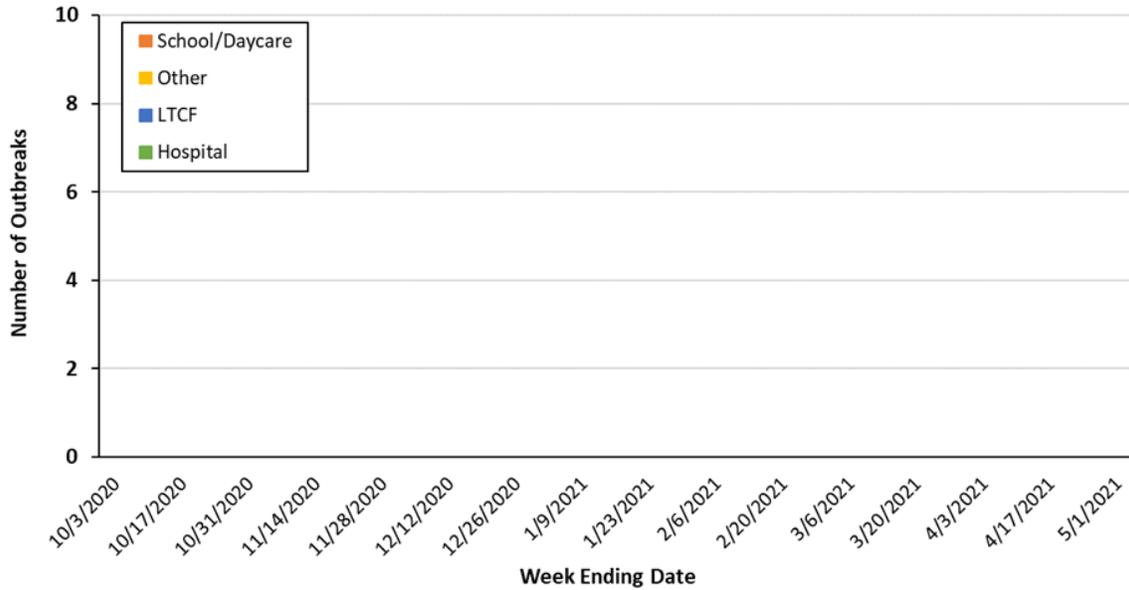
Portland Tri-County COVID-19 Hospitalizations: There were 54 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 04 of 2021. A total of 1,980 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



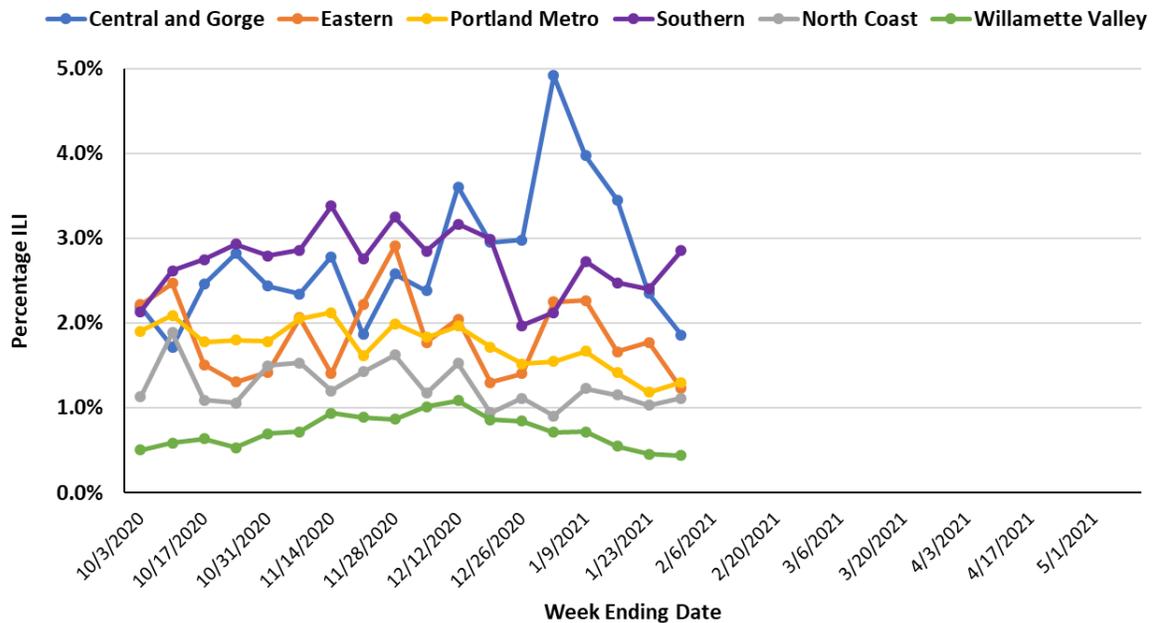
Influenza Outbreaks: There were no influenza outbreaks reported during week 04, 2021 and none yet reported during in the 2020-2021 influenza season.

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 04 of 2021 was 1.5%. Regionally, the percent was highest in the Southern region area (2.9%) and lowest in the Willamette Valley (0.4%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 04, 2021 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: For the week ending January 31st of 2021, 9,291 new influenza immunizations were given to Oregonians and reported to the ALERT Immunization Information System (ALERT IIS). In contrast to past seasons, influenza immunizations in January did spike upward, and remained at a low level though the month. Despite January results, overall influenza immunization levels this season remain higher than prior seasons. As a caveat, the ALERT IIS receives reports for most, but not all, influenza immunizations given in Oregon.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

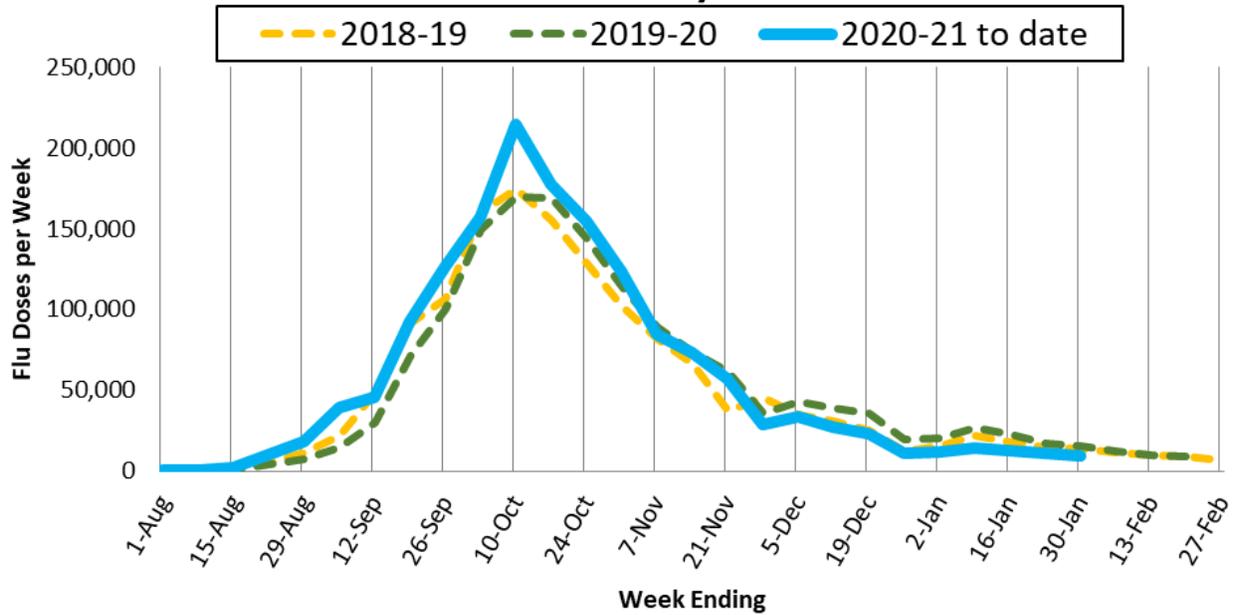
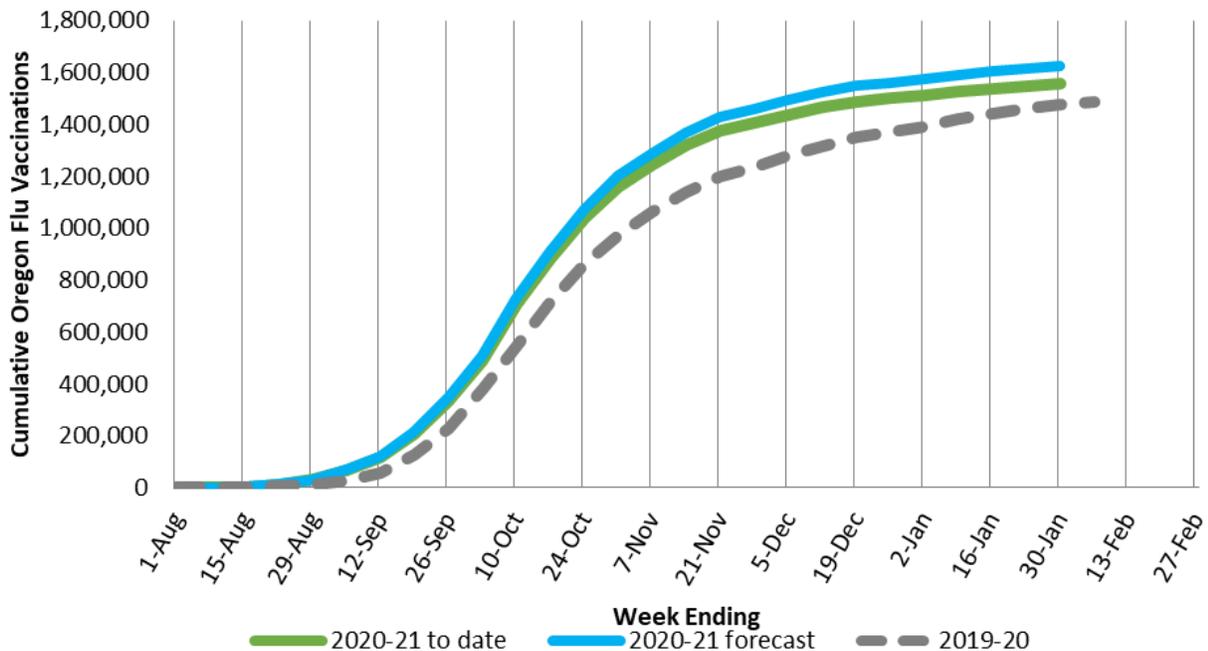


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains unusually low.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

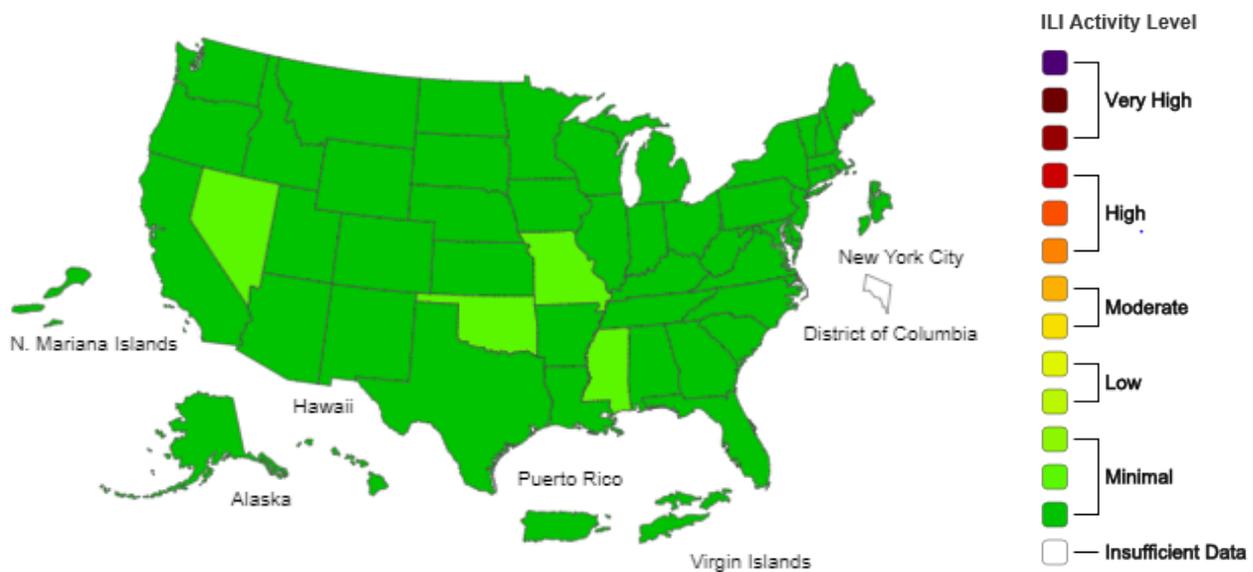
Illness

- **ILINet Outpatient Illness:** This week, 1.1% of patient visits to a health care provider were for influenza-like illness (ILI), which was a decrease compared to week 3 (1.3%). National ILI remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week all jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** FluSurv-NET sites have reported 155 laboratory-confirmed influenza hospitalizations so far this season for an overall cumulative hospitalization rate of 0.5 per 100,000 population.
- **P&I Mortality:** 28.4% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 7.1%. Currently, the majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 04—Ending January 30, 2021**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance January 17, 2020—January 23, 2021 (Week 03)

	Current Week (03)	Previous Week (02)
Percentage of emergency department visits for ILI ¹	0.6%	0.7%
Percentage positive influenza tests ²	<0.1%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	63	71
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

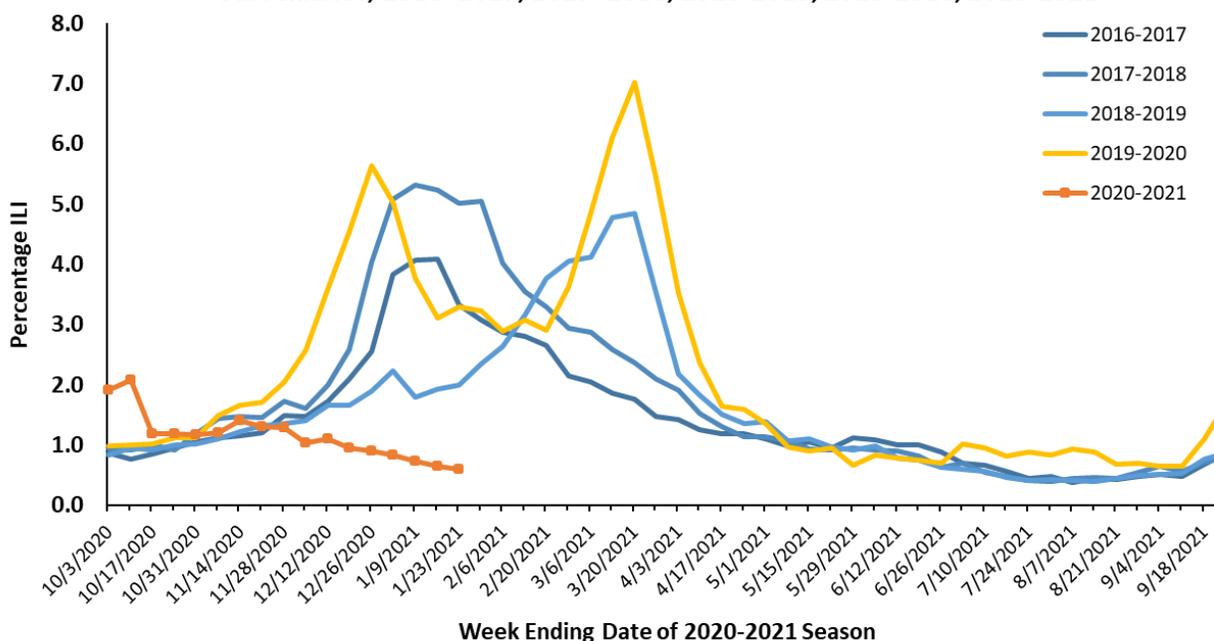
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.6% during week 03, 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 less than 0.1% of specimens tested at Oregon labs were positive for influenza during week 03, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

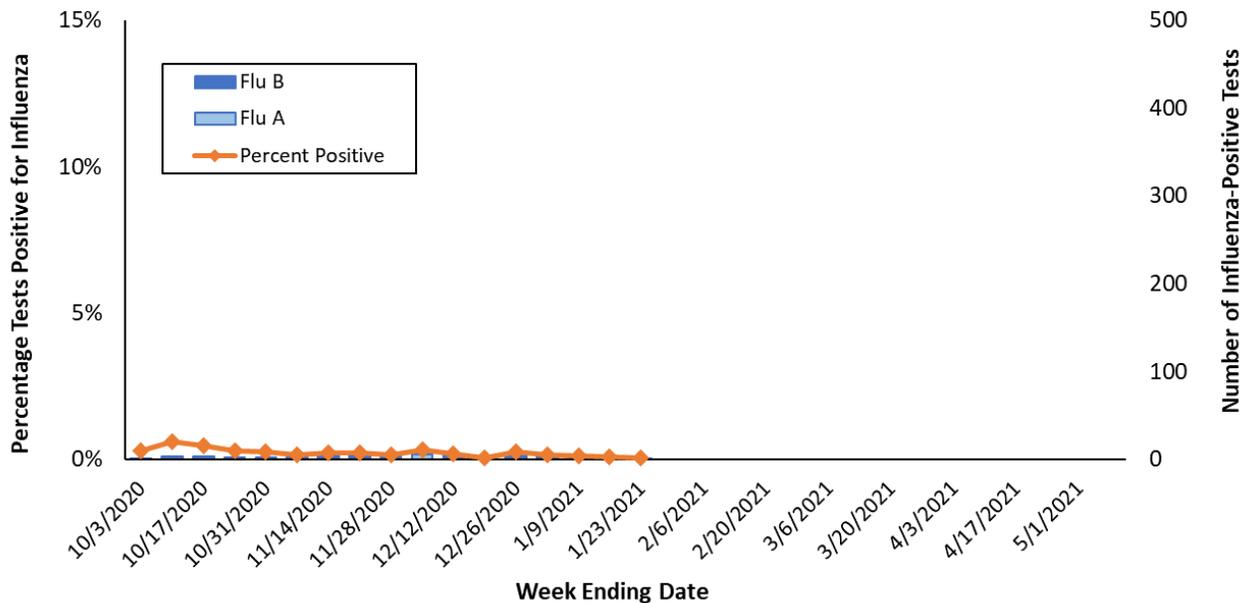
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

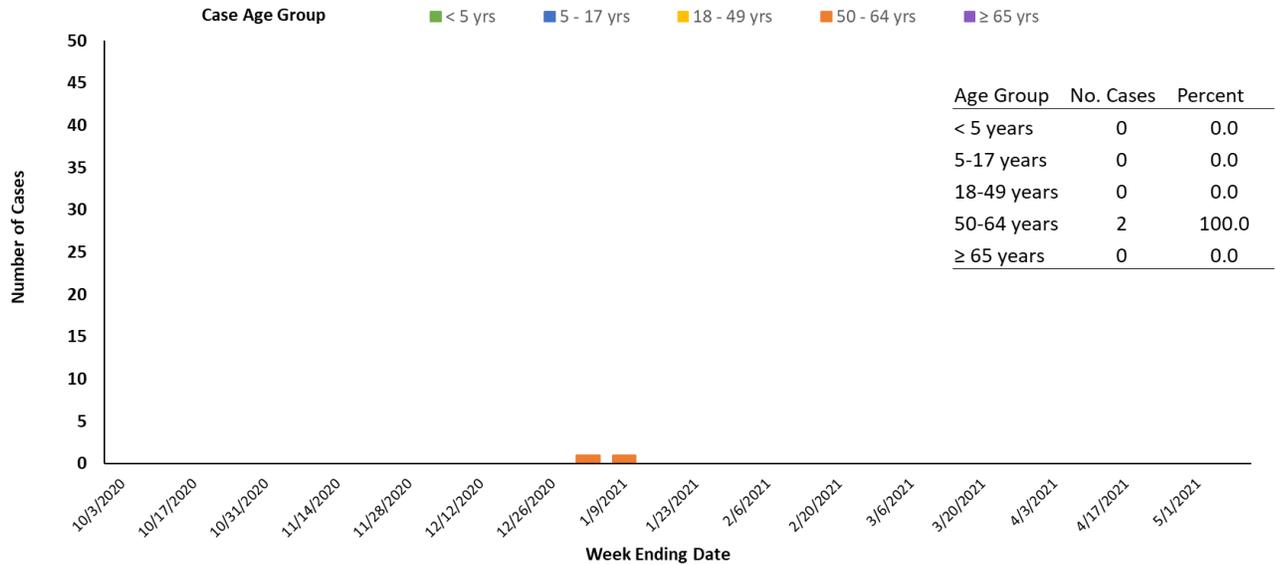
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1801	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	446	1	0.2%	0	0.0%	1	100.0%
Columbia Gorge	80	0	0.0%	0	0.0%	0	0.0%
Central Oregon	387	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	149	0	0.0%	0	0.0%	0	0.0%
State Total	2863	1	0.0%	0	0.0%	1	100.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



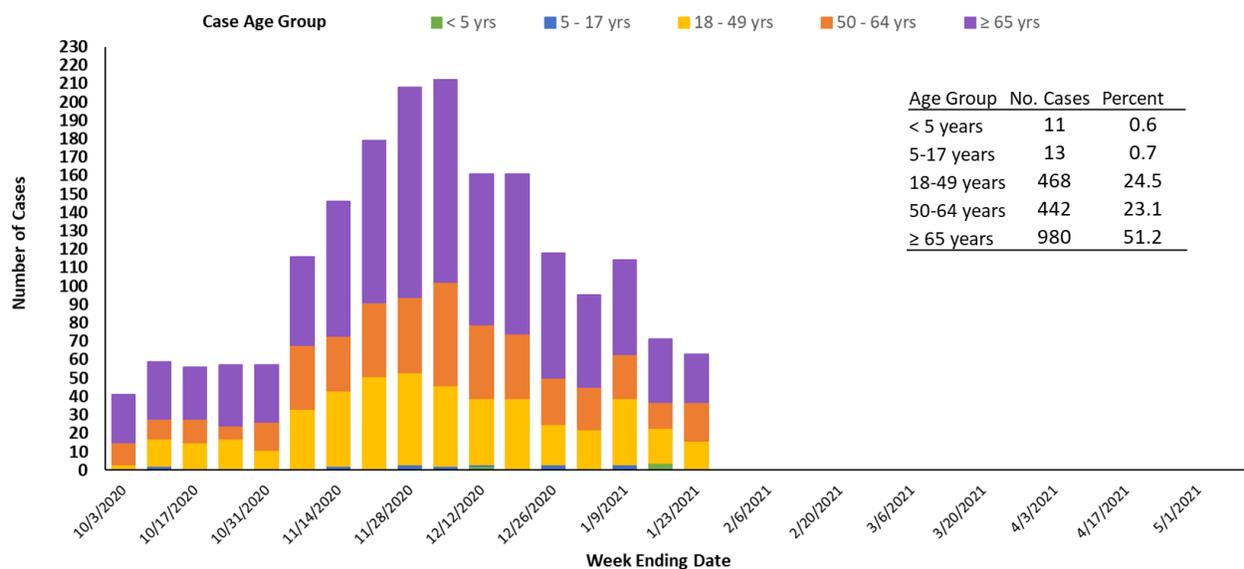
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 03 of 2021, bringing us to a total of two reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



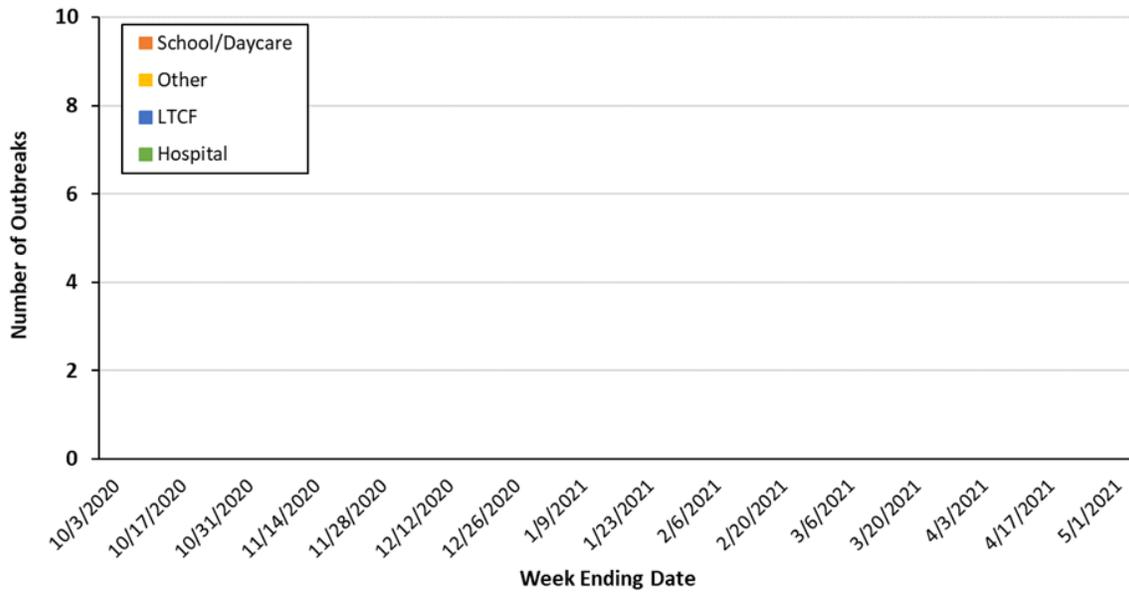
Portland Tri-County COVID-19 Hospitalizations: There were 63 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 03 of 2021. A total of 1,914 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



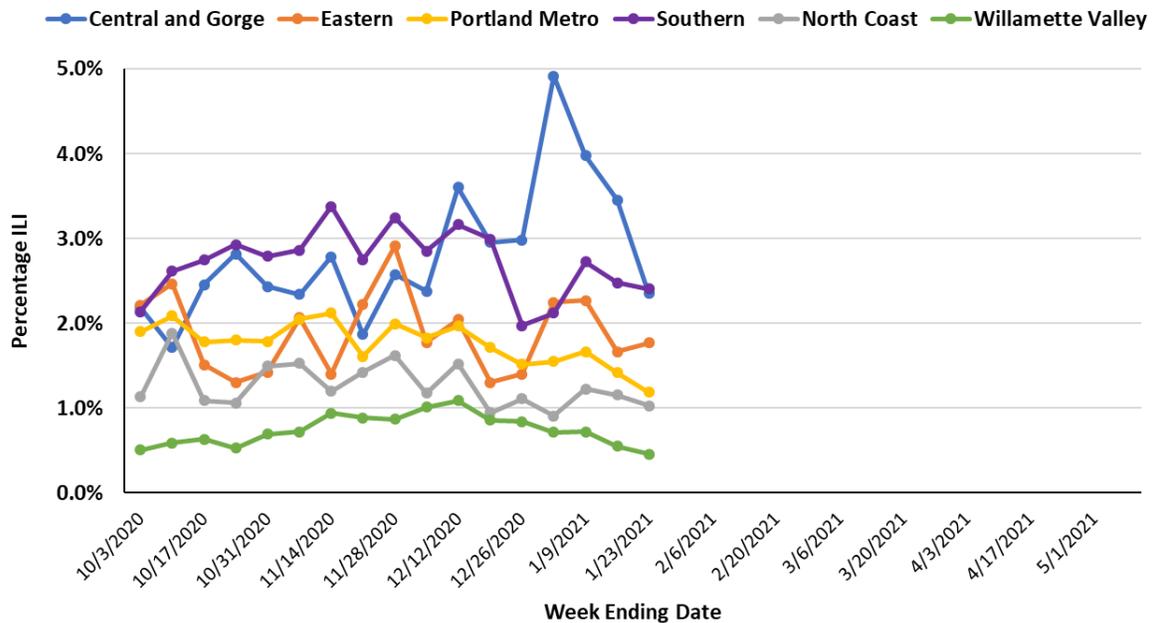
Influenza Outbreaks: There were no influenza outbreaks reported during week 03, 2021 and none yet reported during in the 2020-2021 influenza season.

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 03 of 2021 was 1.4%. Regionally, the percent was highest in the Central/Gorge region areas (2.4%) and lowest in the Willamette Valley (0.5%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 03, 2021 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: As of Jan. 23rd of 2021 (week 03 of 2021), The ALERT Immunization Information System has received reports of over 1.6 million influenza immunizations in 2020/21. New influenza immunization activity through January continues to run slightly below prior seasons. For this week a chart comparing adult influenza immunizations received at pharmacies vs private practices is included. By week, pharmacy volumes picked up earlier in the season than private practices, but also dropped off quicker past the peak period. Across the season to date, adult influenza immunization is evenly split between pharmacies and private practices (548,000 vs 558,000 reported adult immunizations); however, in January over 80% of adult influenza immunizations were given at private practices. Apart from shifts in public demand, this pattern also likely reflects pharmacy re-orientation toward COVID-19 vaccination

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

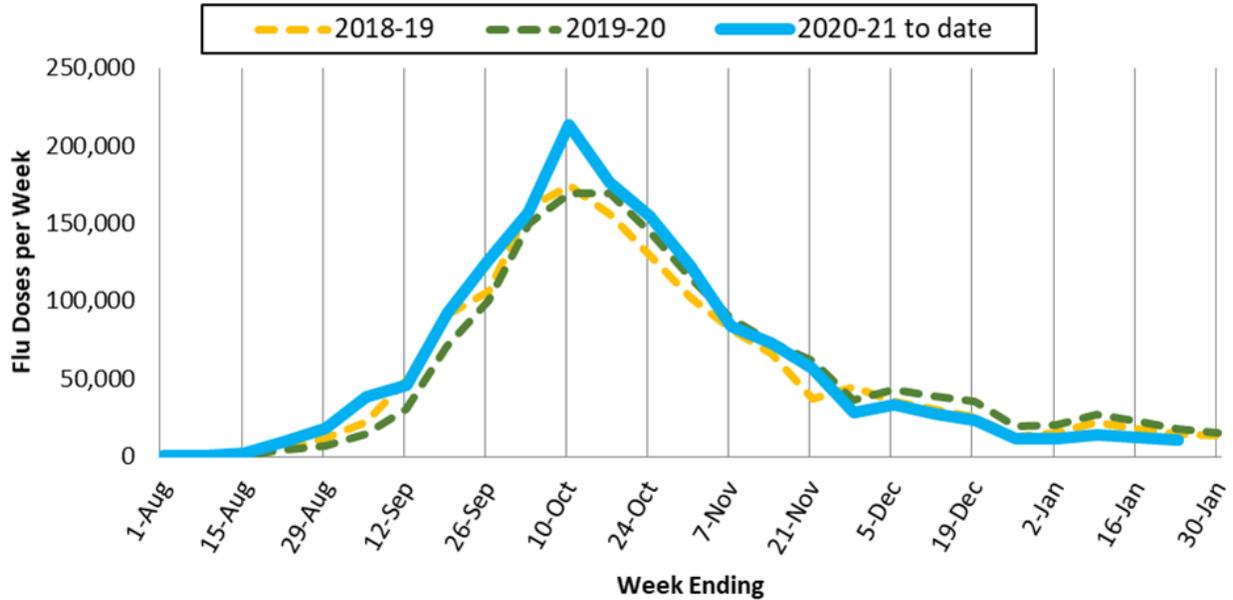


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season

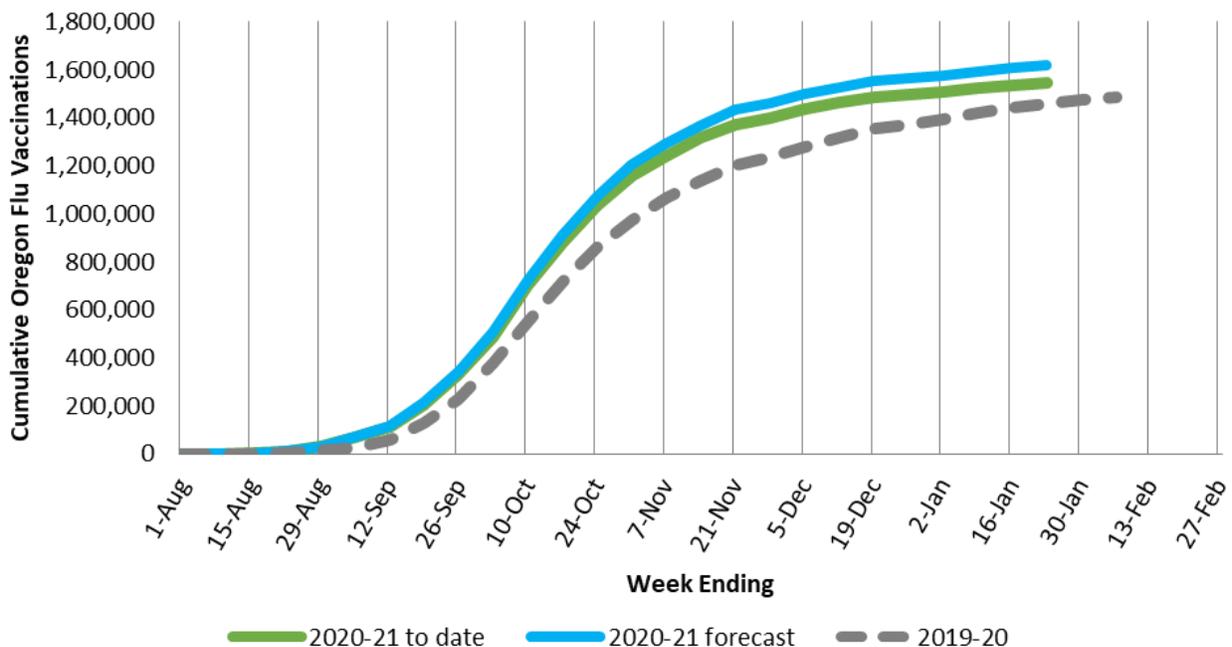
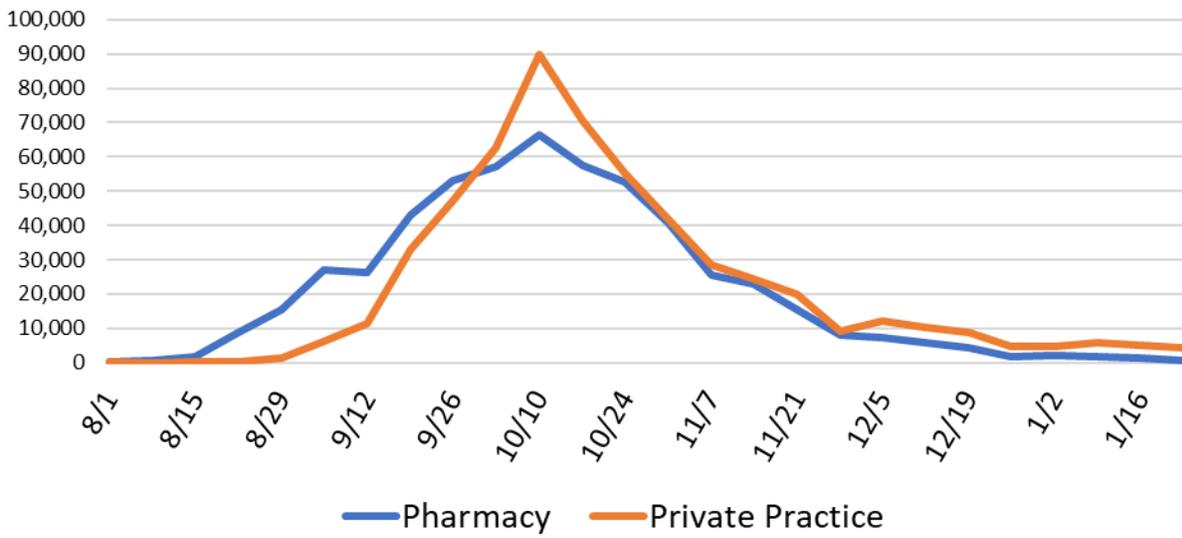


Figure 9. Adult Influenza Immunization by Week: Pharmacy vs Private Practice Volumes



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.3% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains much lower than normal despite a higher than normal number of tests performed.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

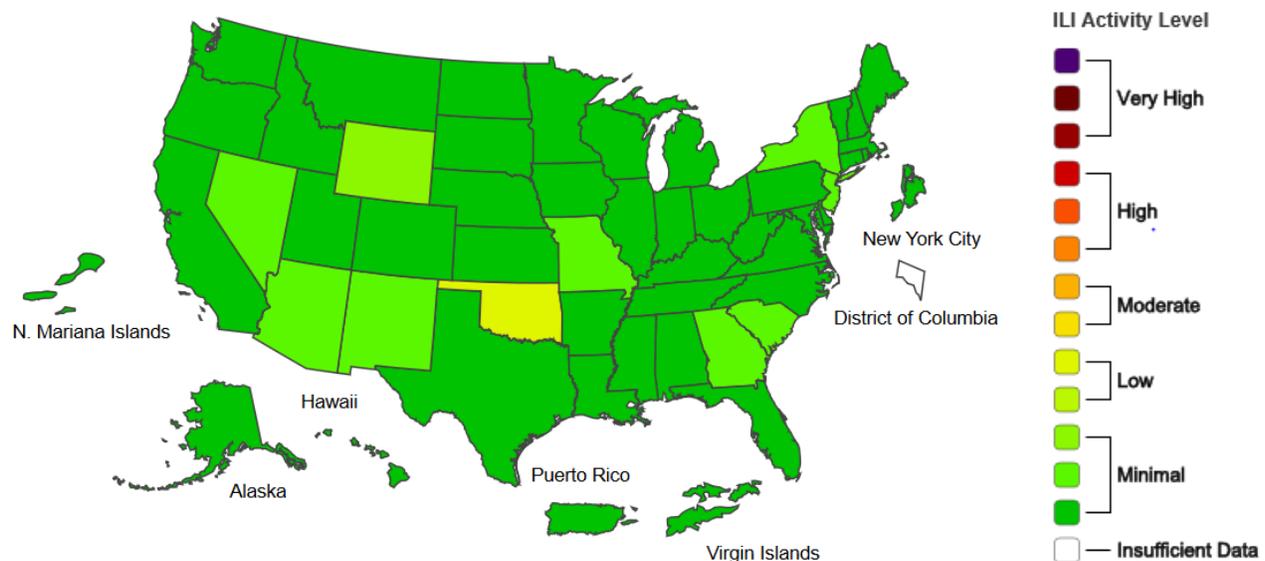
Illness

- **ILINet Outpatient Illness:** This week, 1.3% of patient visits to a health care provider were for influenza-like illness (ILI), remaining stable ($\leq 0.1\%$ change) compared to week 2. National ILI remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week one jurisdiction experienced low ILI activity, and the remaining jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** FluSurv-NET sites have reported 142 laboratory-confirmed influenza hospitalizations so far this season for an overall cumulative hospitalization rate of 0.5 per 100,000 population.
- **P&I Mortality:** 14.8% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 7.1%. Currently, the majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 03—Ending January 23, 2021**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance January 10, 2020—January 16, 2021 (Week 02)

	Current Week (02)	Previous Week (01)
Percentage of emergency department visits for ILI ¹	0.6%	0.7%
Percentage positive influenza tests ²	0.1%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	48	100
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

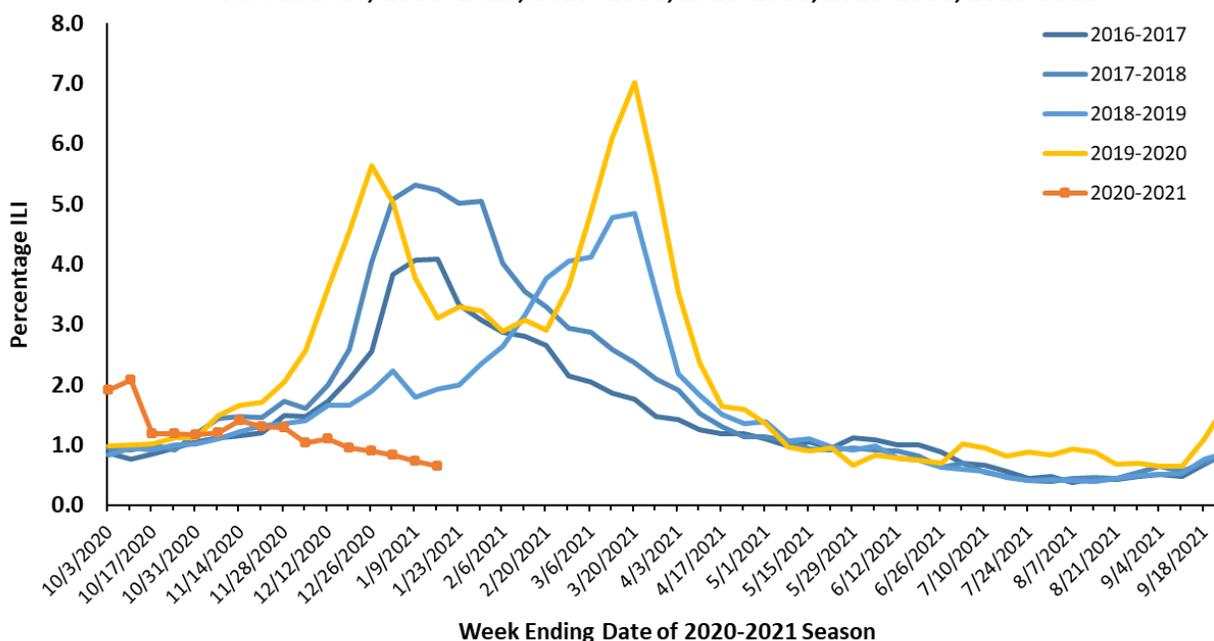
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.6% during week 02, 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 0.1% of specimens tested at Oregon labs were positive for influenza during week 02, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

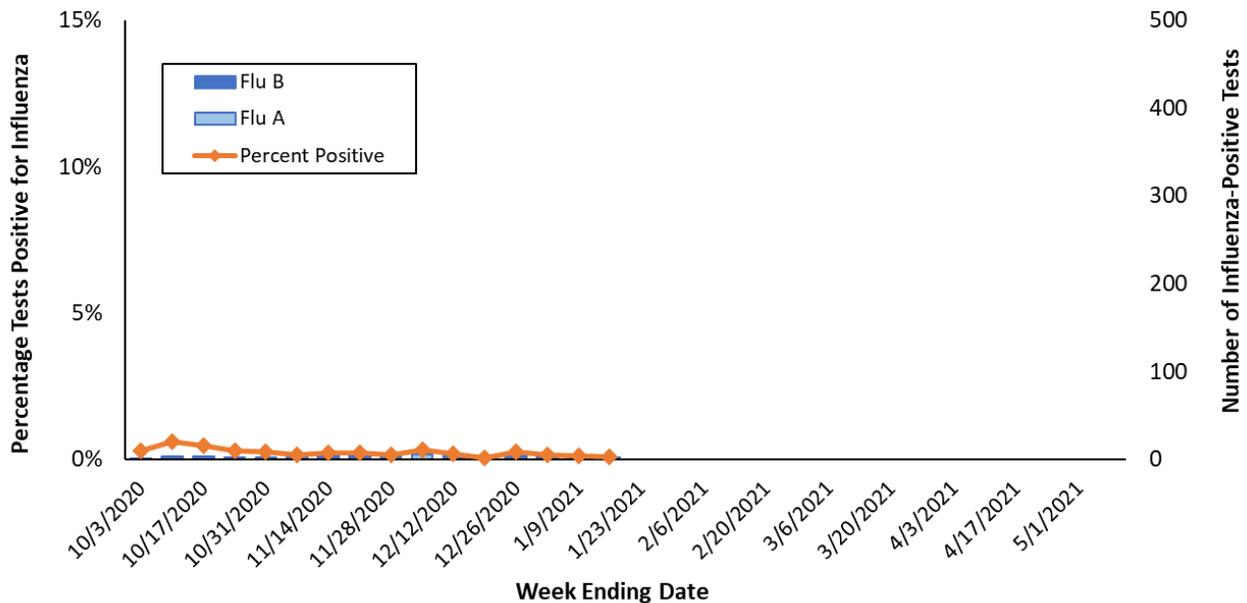
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

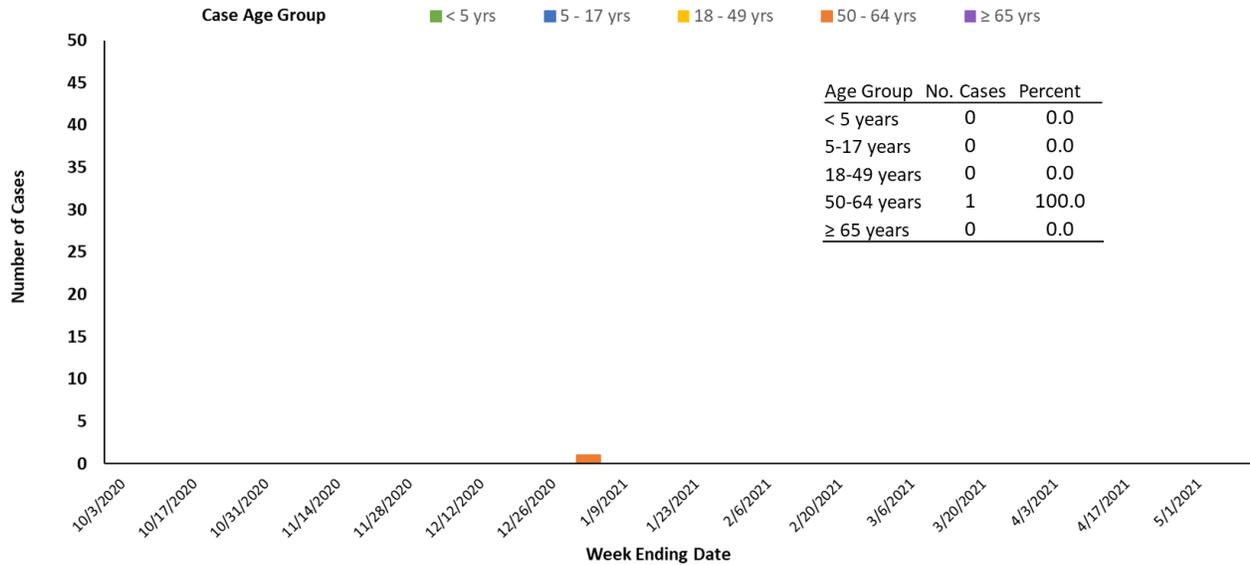
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2004	2	0.1%	0	0.0%	2	100.0%
Southern Oregon	412	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	75	0	0.0%	0	0.0%	0	0.0%
Central Oregon	409	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	158	0	0.0%	0	0.0%	0	0.0%
State Total	3058	2	0.1%	0	0.0%	2	100.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



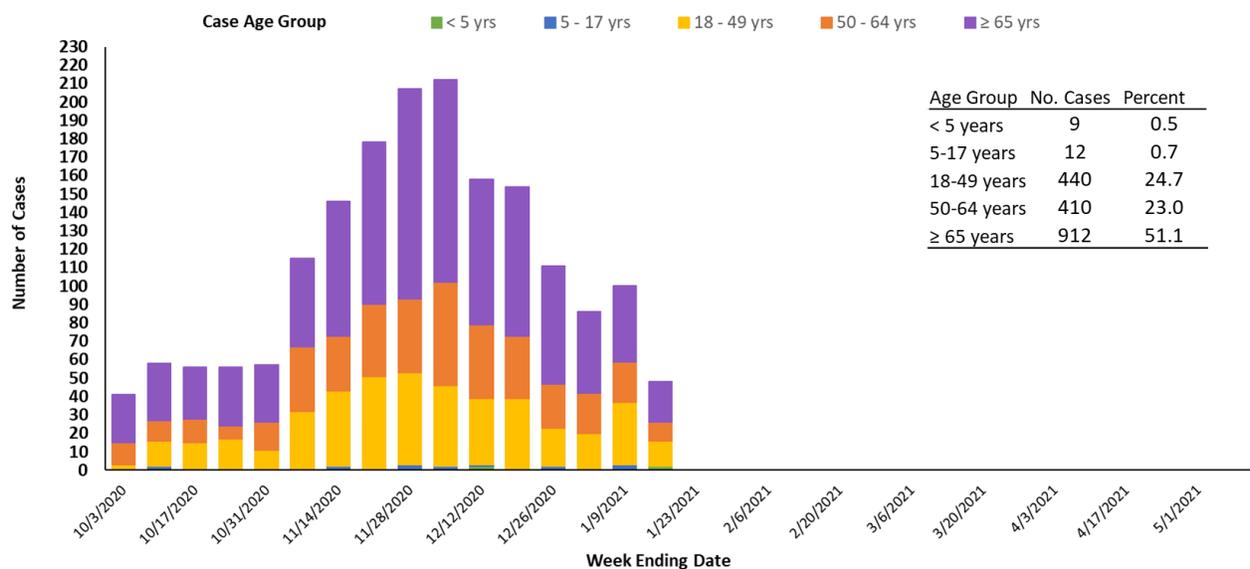
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 02 of 2021, bringing us to a total of one reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



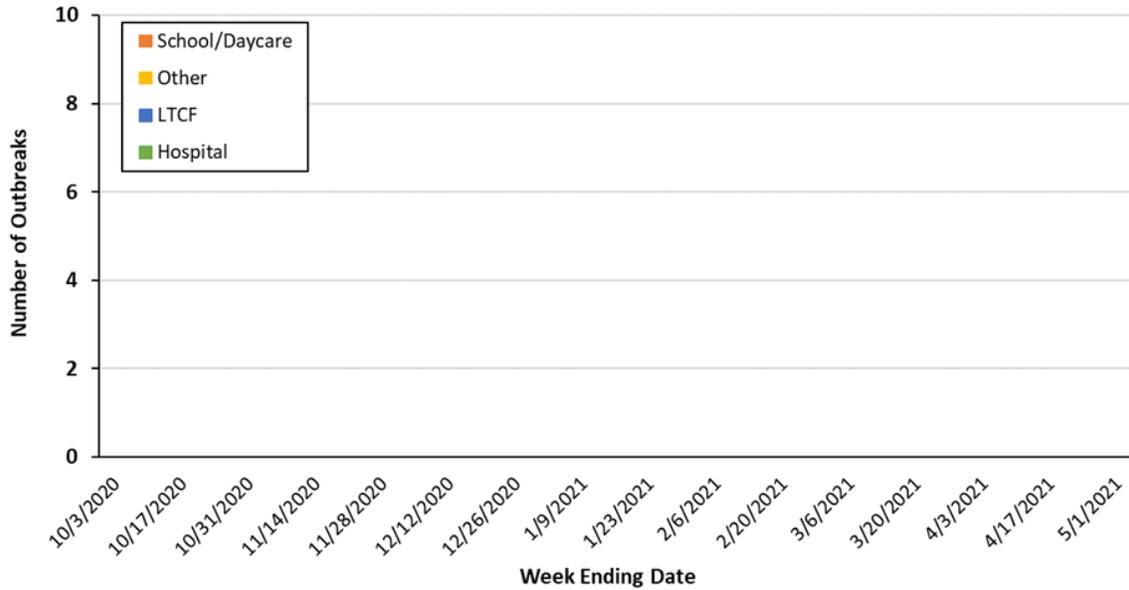
Portland Tri-County COVID-19 Hospitalizations: There were 48 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 02 of 2021. A total of 1,783 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



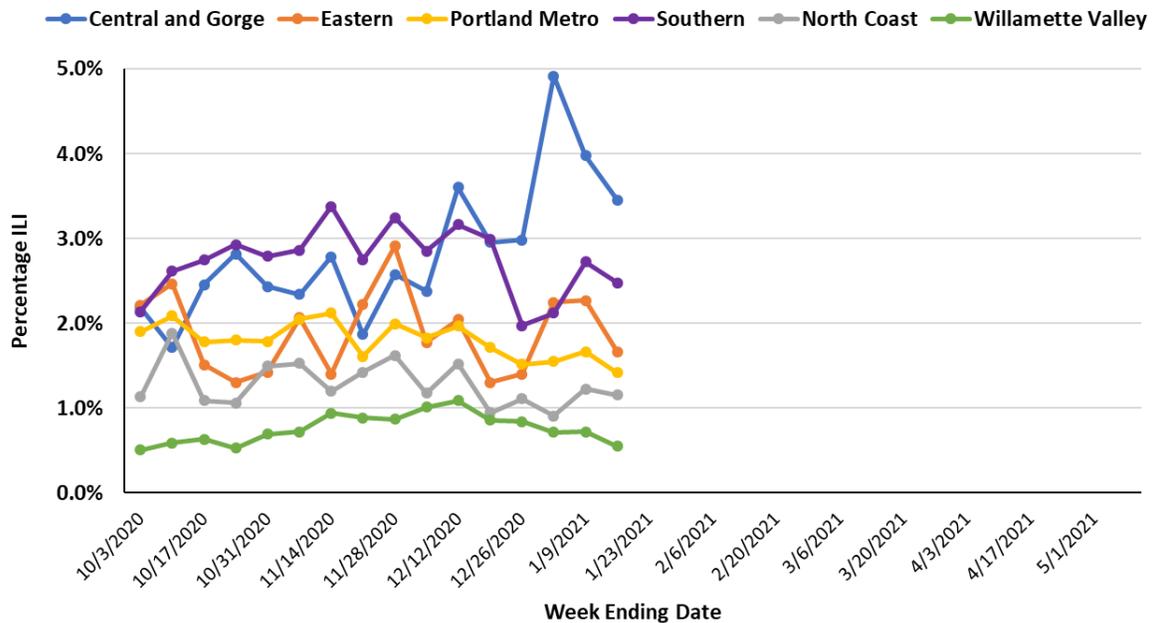
Influenza Outbreaks: There were no influenza outbreaks reported during Week 02, 2021 and none yet reported during in the 2020-2021 influenza season.

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 02 of 2021 was 1.6%. Regionally, the percent was highest in the Central/Gorge region areas (3.5%) and lowest in the Willamette Valley (0.6%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 02, 2021 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: Through January 16th of 2021 (Week 02 of 2021), new influenza immunizations continue to be given in Oregon, at a rate of roughly 2,000 shots per day. New influenza immunizations so far in January are more reflective of childhood than adult activity. Typically a surge in adult influenza immunizations occurs in January, often due to increasing levels of influenza disease, which is not present this season. In order to provide access for all Oregonians, OHA has supported a wide-spectrum of provider types in giving influenza immunization. Two of those sources of influenza immunization, federally qualified health centers (FQHCs) and standalone urgent care centers, have not previously been included in provider breakdowns here. FQHCs are intended to serve at-risk or special populations, with over 130 FQHC sites giving influenza immunizations this season. Among adults, FQHCs gave 6% of all immunizations- in addition 8% of Black adult and 27% of Latinx adult influenza immunizations were given at FQHCs. This season 48 standalone urgent care sites also reported influenza immunizations- accounting for less than 1% of adult immunizations.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

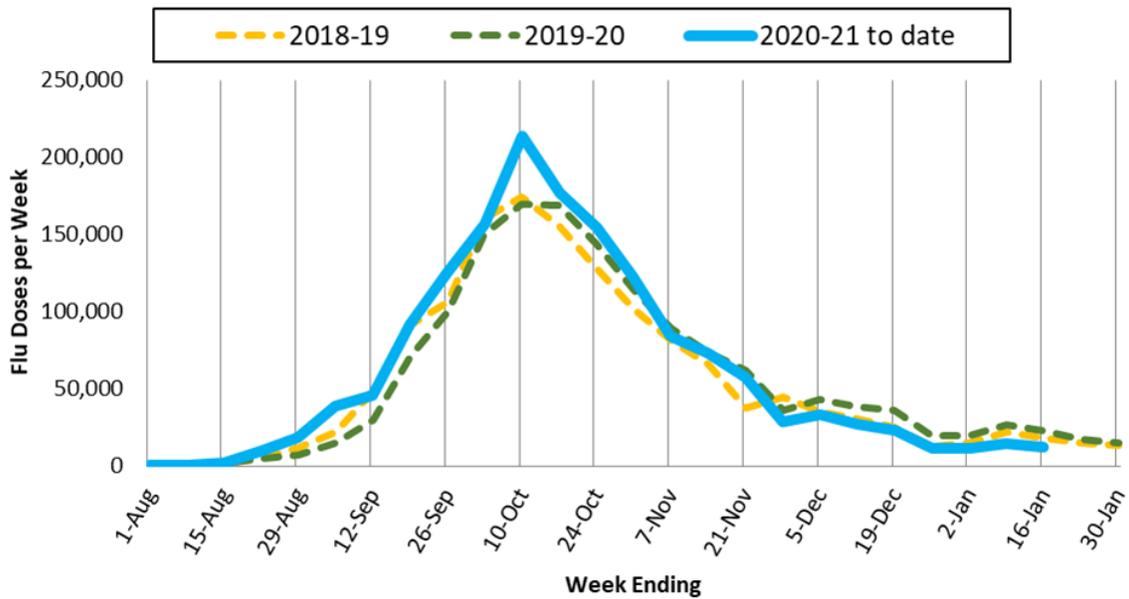
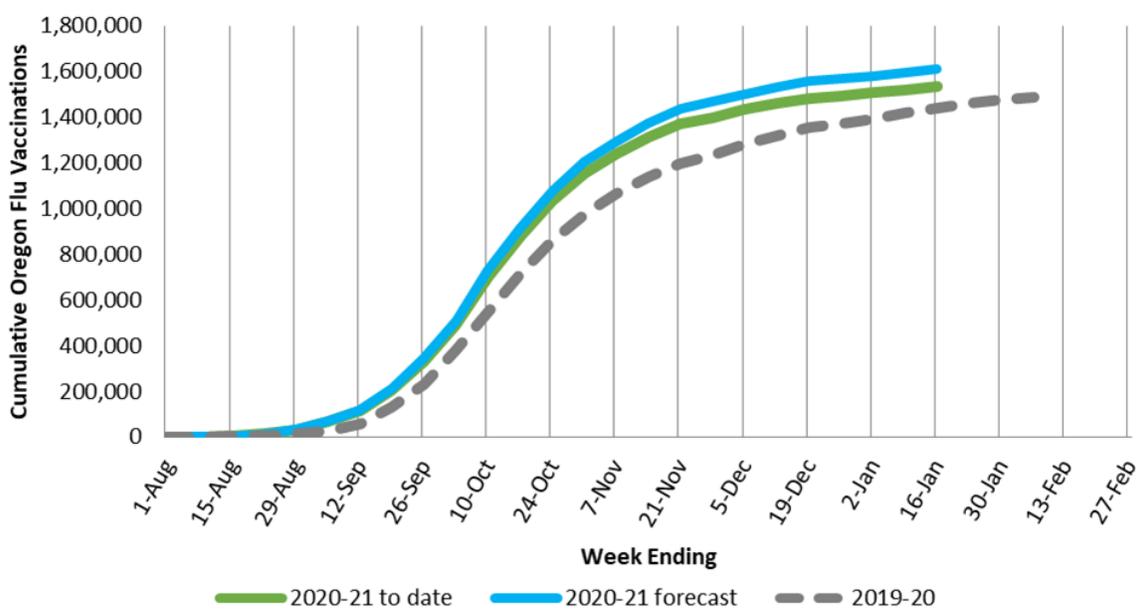


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains much lower than normal despite a higher than normal number of tests performed.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

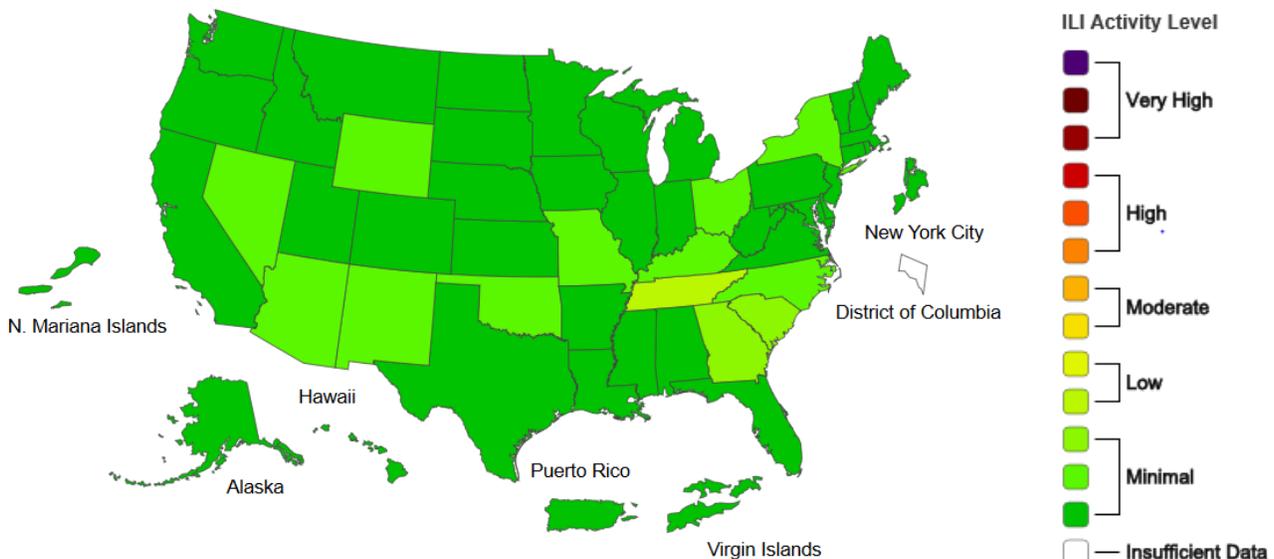
Illness

- **ILINet Outpatient Illness:** This week, 1.4% of patient visits to a health care provider were for influenza-like illness (ILI), which decreased compared to the ILI of week 1 (1.6%). National ILI remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week one jurisdiction experienced low ILI activity, and the remaining jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** FluSurv-NET sites have reported 136 laboratory-confirmed influenza hospitalizations so far this season for an overall cumulative hospitalization rate of 0.5 per 100,000 population.
- **P&I Mortality:** 14.7% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 7.0%. The majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 02—Ending January 16, 2021**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance January 3, 2020—January 9, 2021 (Week 01)

	Current Week (01)	Previous Week (53)
Percentage of emergency department visits for ILI ¹	0.7%	0.8%
Percentage positive influenza tests ²	0.1%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	1
Portland tri-county COVID-19-associated hospitalizations ³	80	80
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.1%	0.0%

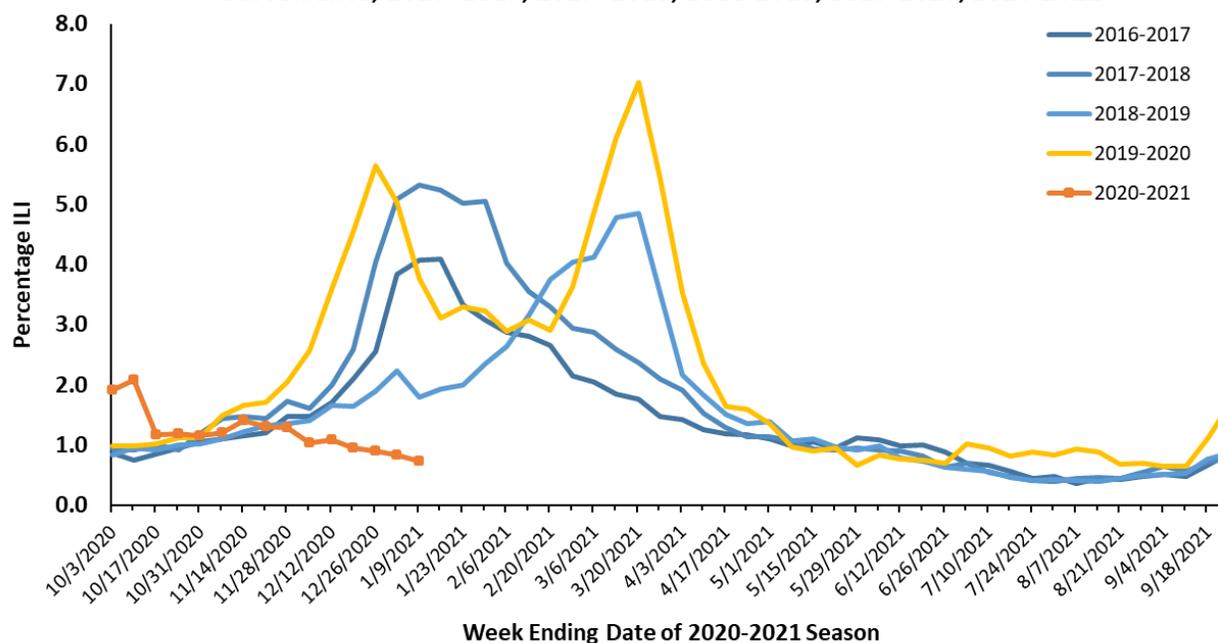
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.7% during week 01, 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 0.1% of specimens tested at Oregon labs were positive for influenza during week 01, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

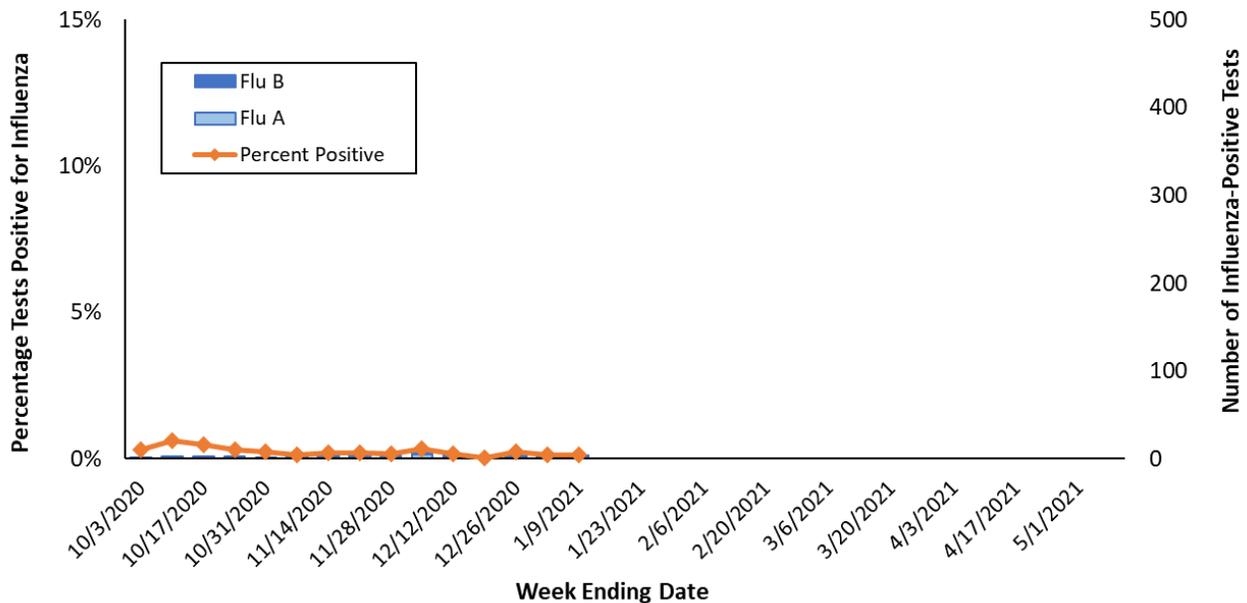
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

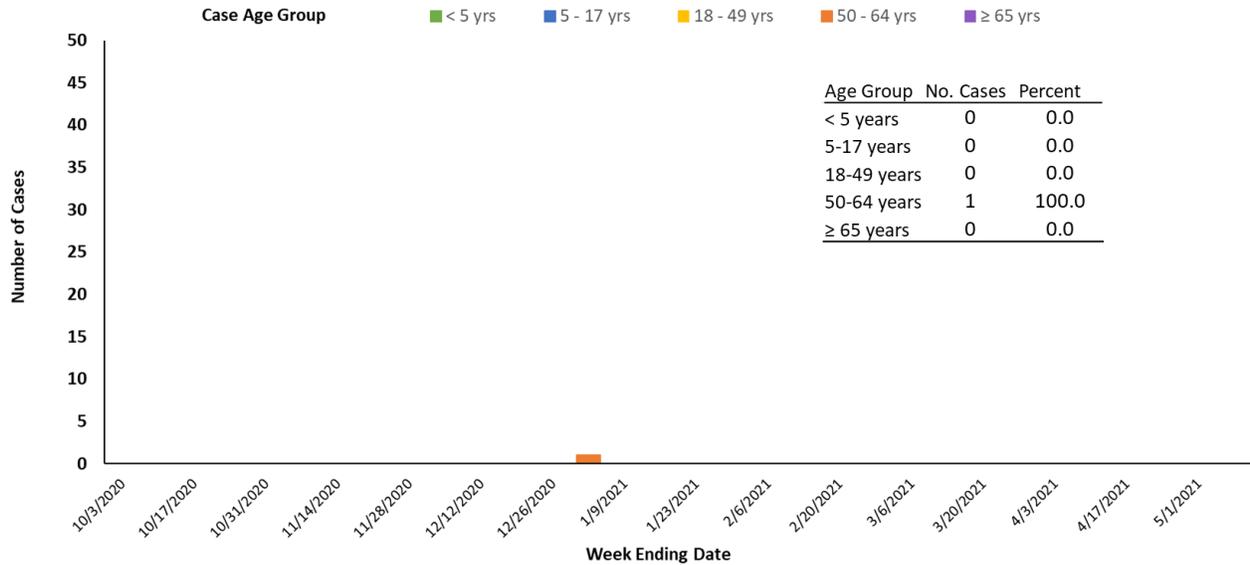
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2056	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	436	4	0.9%	2	50.0%	2	50.0%
Columbia Gorge	91	0	0.0%	0	0.0%	0	0.0%
Central Oregon	395	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	170	0	0.0%	0	0.0%	0	0.0%
State Total	3148	4	0.1%	2	50.0%	2	50.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



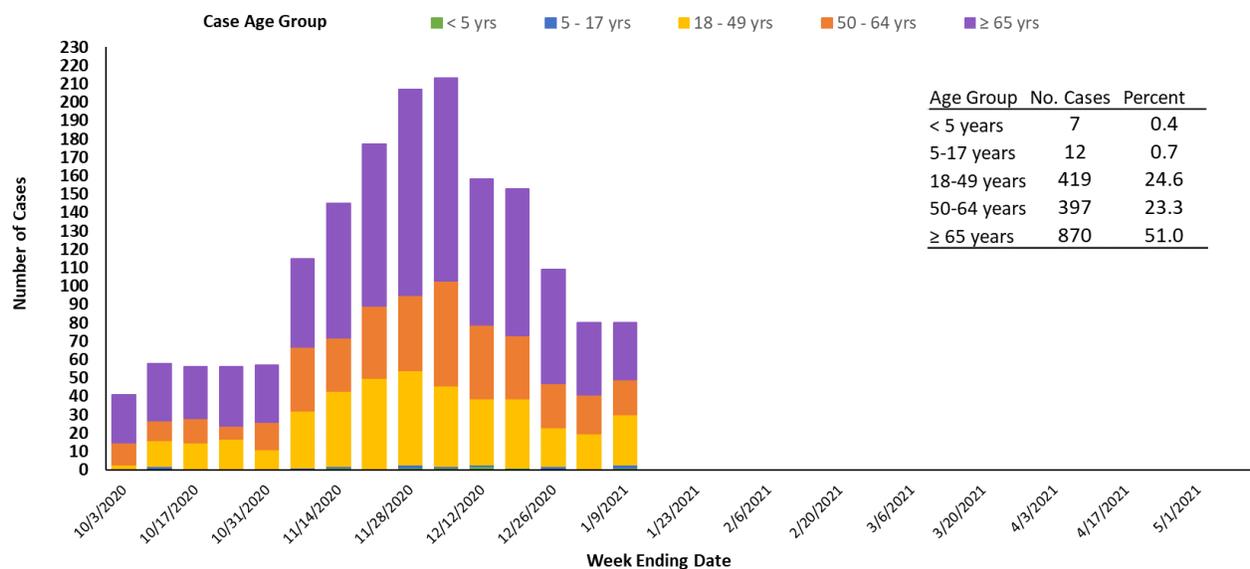
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 01 of 2021, bringing us to a total of one reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



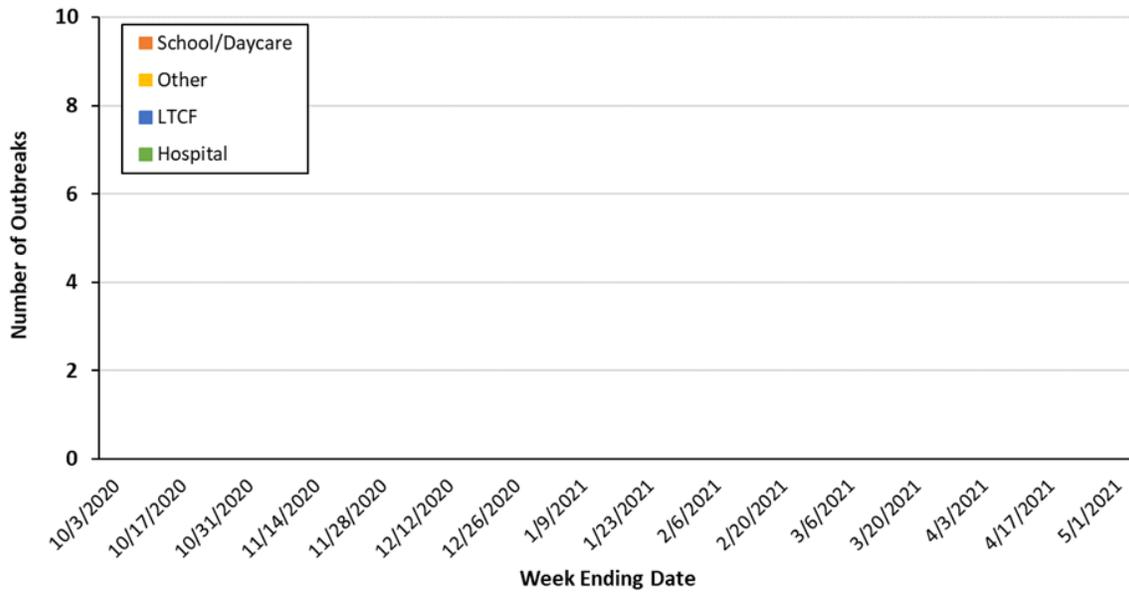
Portland Tri-County COVID-19 Hospitalizations: There were 80 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 01 of 2021. A total of 1,705 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



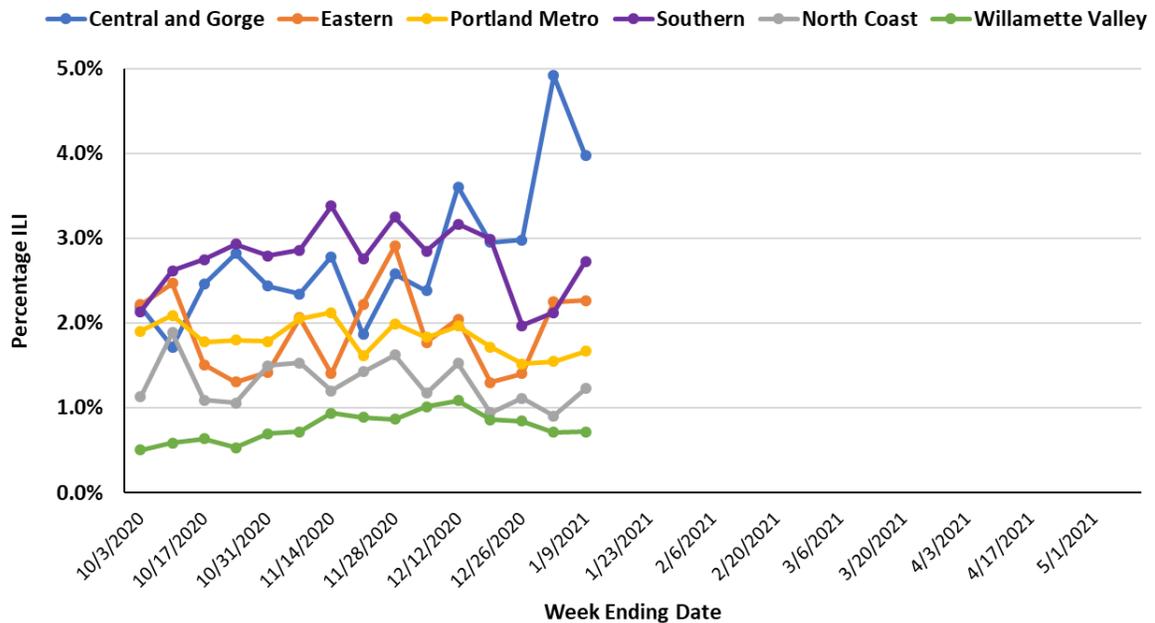
Influenza Outbreaks: There were no influenza outbreaks reported during Week 01, 2021 and none yet reported during in the 2020-2021 influenza season.

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 01 of 2021 was 1.9%. Regionally, the percent was highest in the Central/Gorge region areas (4.0%) and lowest in the Willamette Valley (0.7%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 01, 2021 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: Through Jan. 9th of 2021, the rate of new weekly influenza immunizations in Oregon remains low compared to prior seasons. From January 3rd through January 9th 14,100 seasonal influenza immunizations were given to Oregonians and reported to the ALERT IIS. In contrast, in the same period last season (2019-20), 26,700 influenza immunizations were given and reported. As a caveat the ALERT IIS receives influenza immunization reports from most, but not all, Oregon immunization providers.

Figure. 7 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

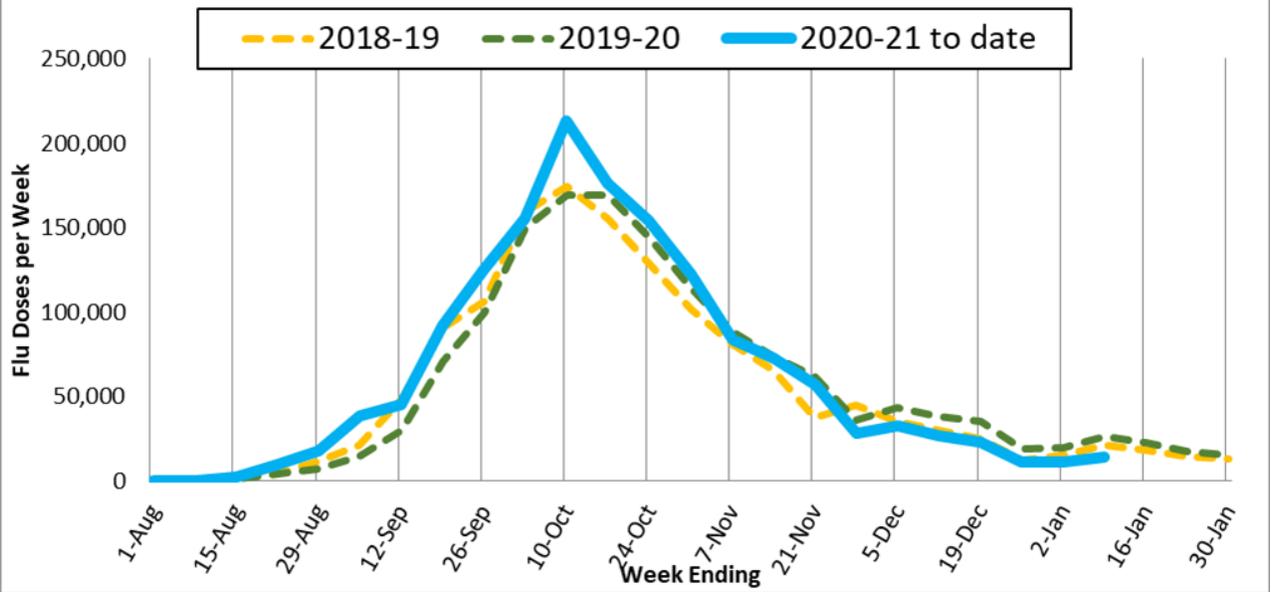
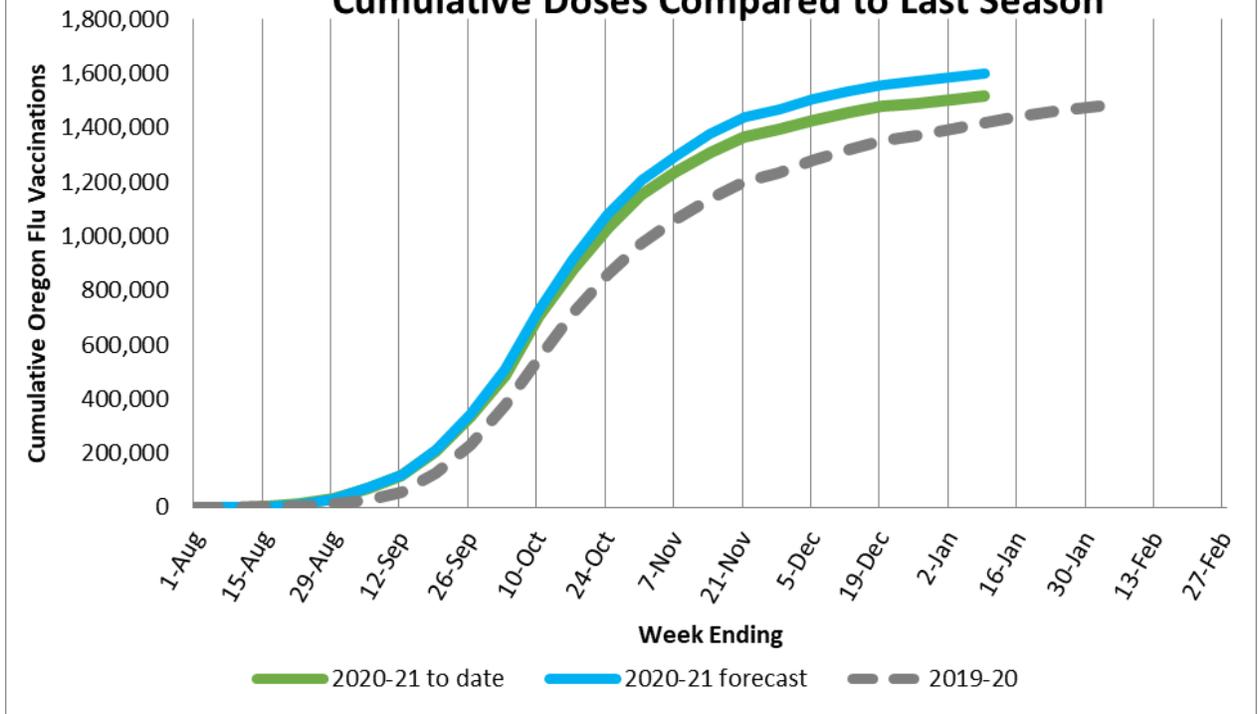


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.4% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains much lower than normal despite a higher than normal number of tests performed.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

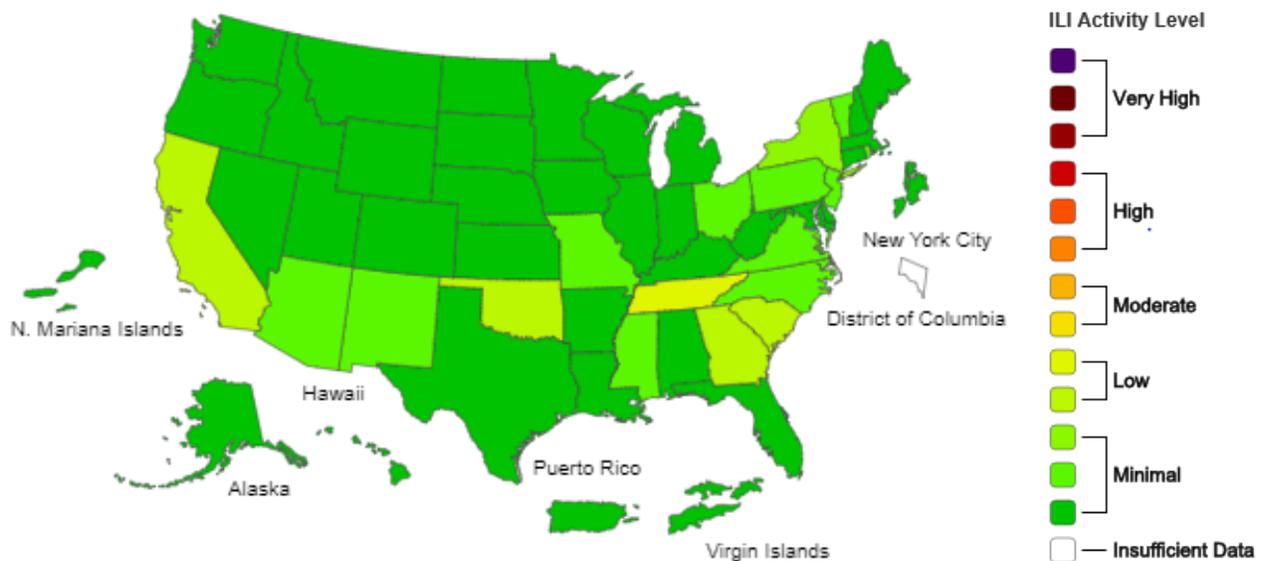
Illness

- **ILINet Outpatient Illness:** This week, 1.7% of patient visits to a health care provider were for influenza-like illness (ILI). This is similar to the percentage seen during week 53 (1.6%) and below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week five jurisdictions experienced low ILI activity, and the remaining jurisdictions experienced minimal activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be presented once case counts increase to a level that produces stable rates; in the interim, case counts will be reported each week.
- **P&I Mortality:** 17.2% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 7.0%. The majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 01—Ending January 9, 2021**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance December 27, 2020—January 2, 2021 (Week 53)

	Current Week (53)	Previous Week (52)
Percentage of emergency department visits for ILI ¹	0.8%	0.9%
Percentage positive influenza tests ²	0.1%	0.2%
Portland tri-county influenza-associated hospitalizations ³	1	0
Portland tri-county COVID-19-associated hospitalizations ³	77	107
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

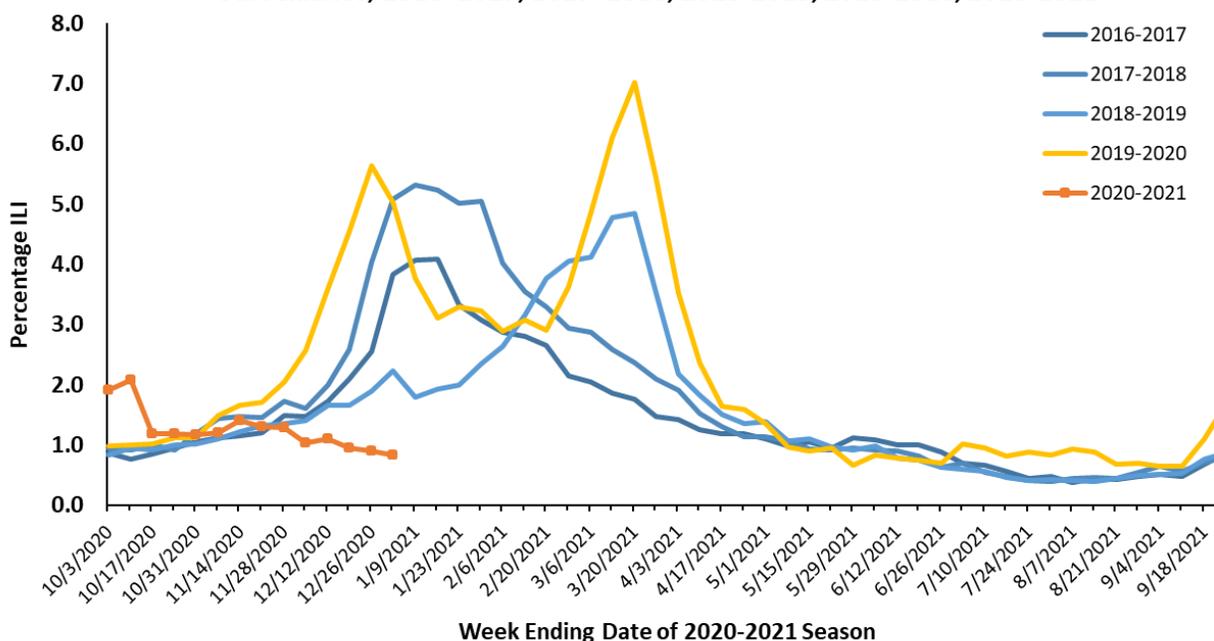
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.8% during week 53, 2020.

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 0.1% of specimens tested at Oregon labs were positive for influenza during week 53, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

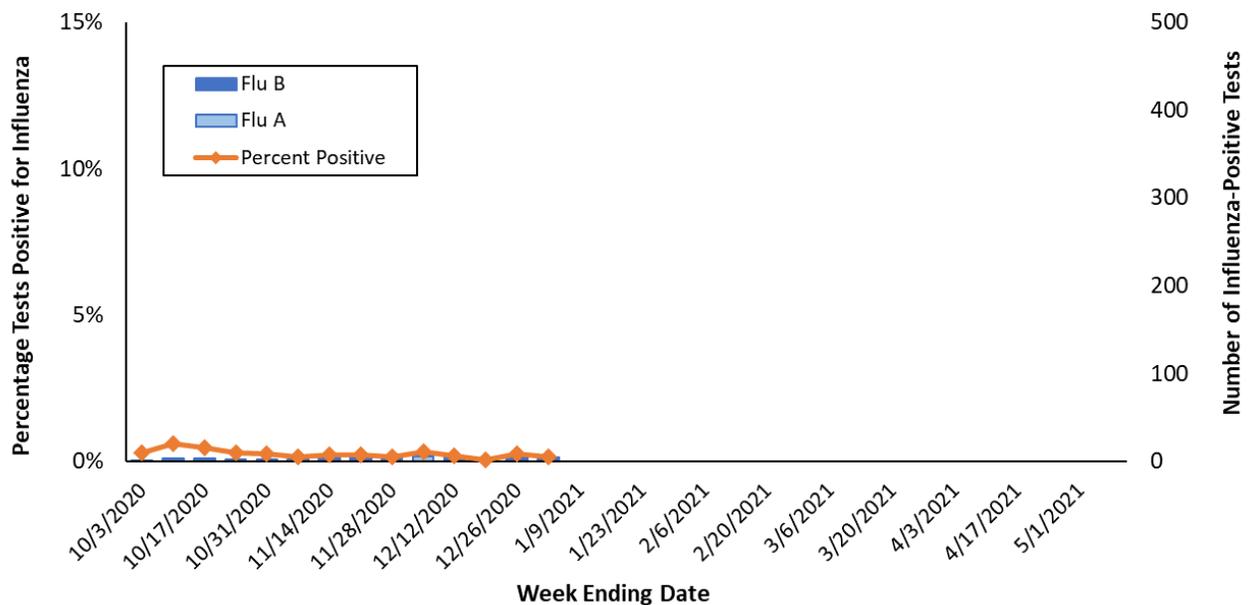
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

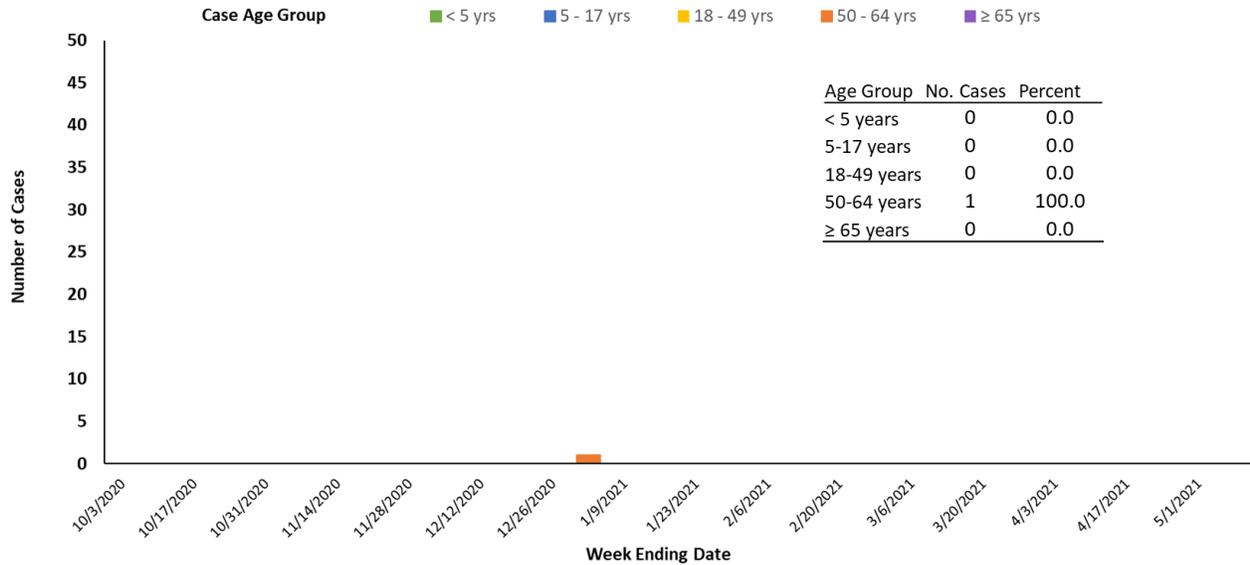
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1952	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	356	2	0.6%	1	50.0%	1	50.0%
Columbia Gorge	68	2	2.9%	0	0.0%	2	100.0%
Central Oregon	340	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	157	0	0.0%	0	0.0%	0	0.0%
State Total	2873	4	0.1%	1	25.0%	3	75.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



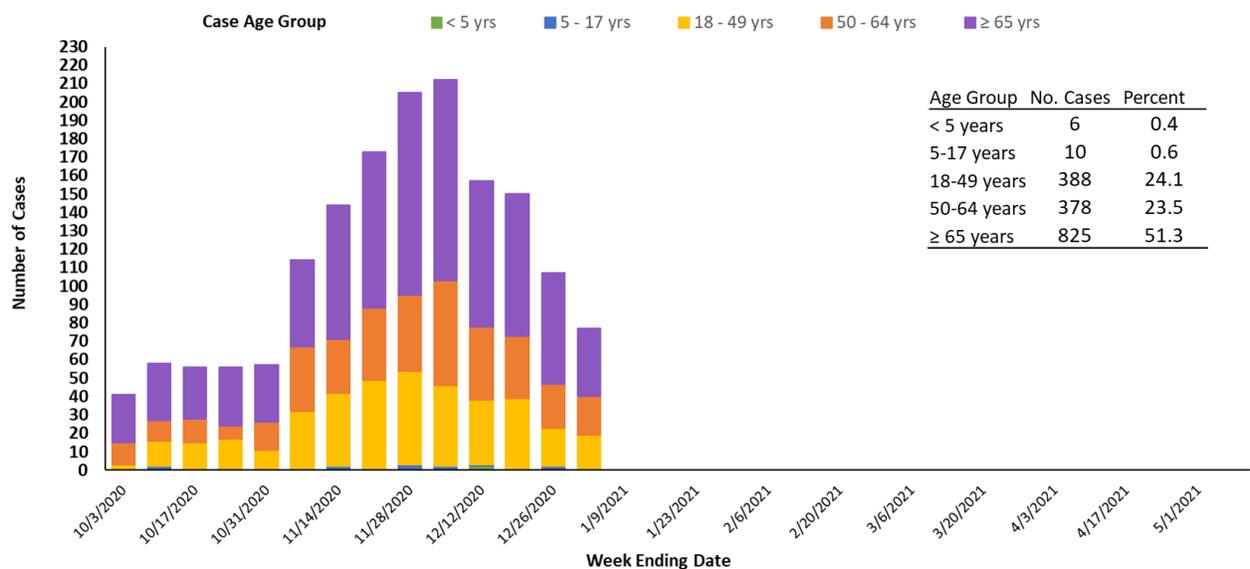
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there was one influenza-associated hospitalizations reported during week 53 of 2020, bringing us to a total of one reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



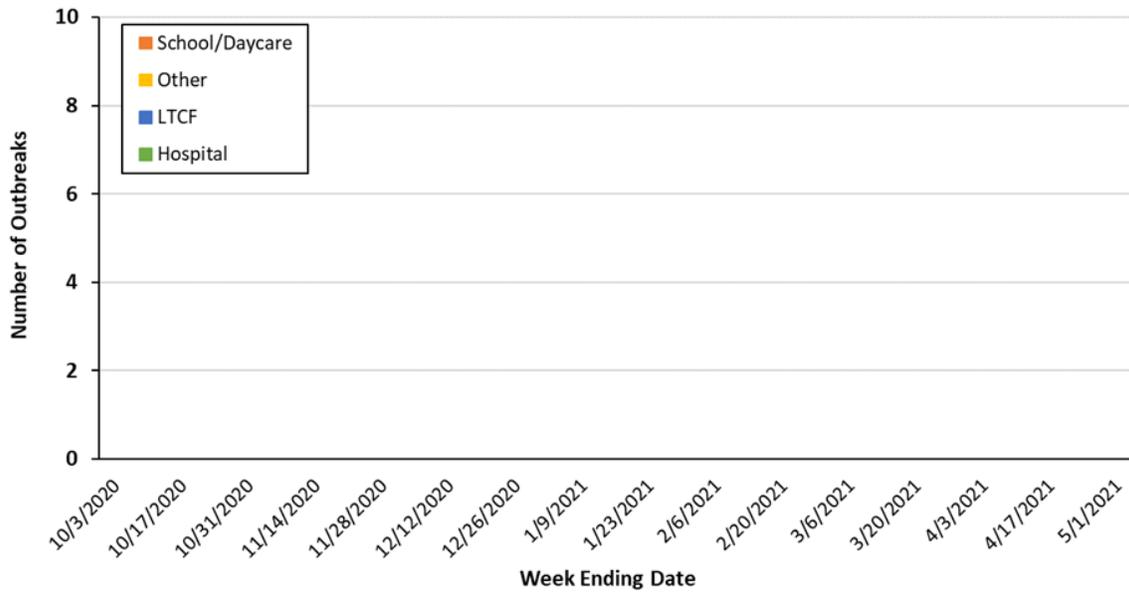
Portland Tri-County COVID-19 Hospitalizations: There were 77 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 53 of 2020. A total of 1,607 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



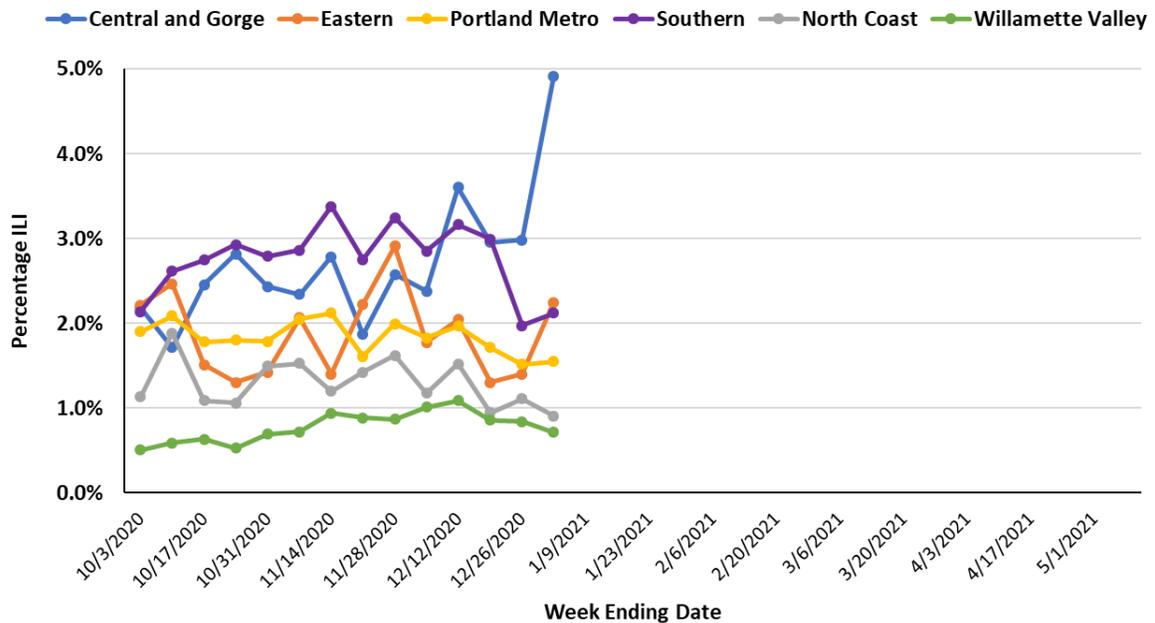
Influenza Outbreaks: There were no influenza outbreaks reported during Week 53, 2020 and none yet reported during in the 2020-2021 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2020-2021 Season



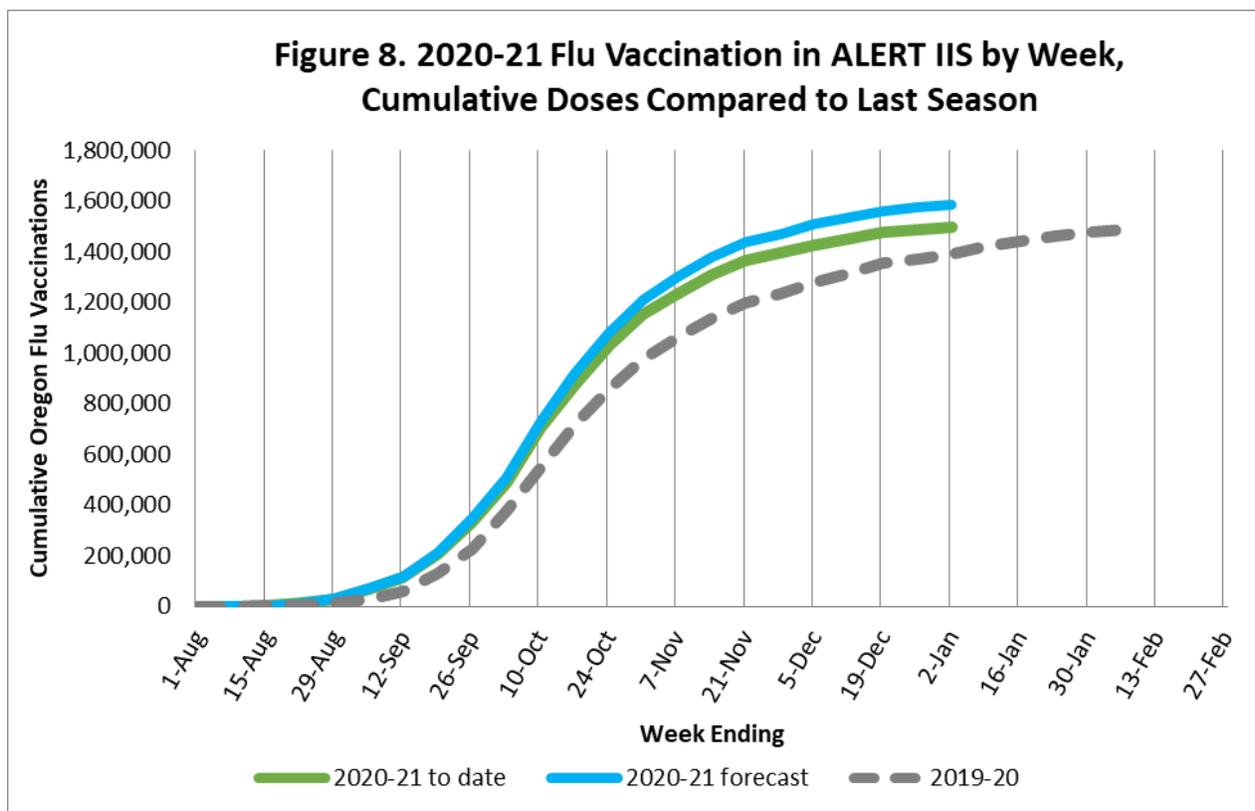
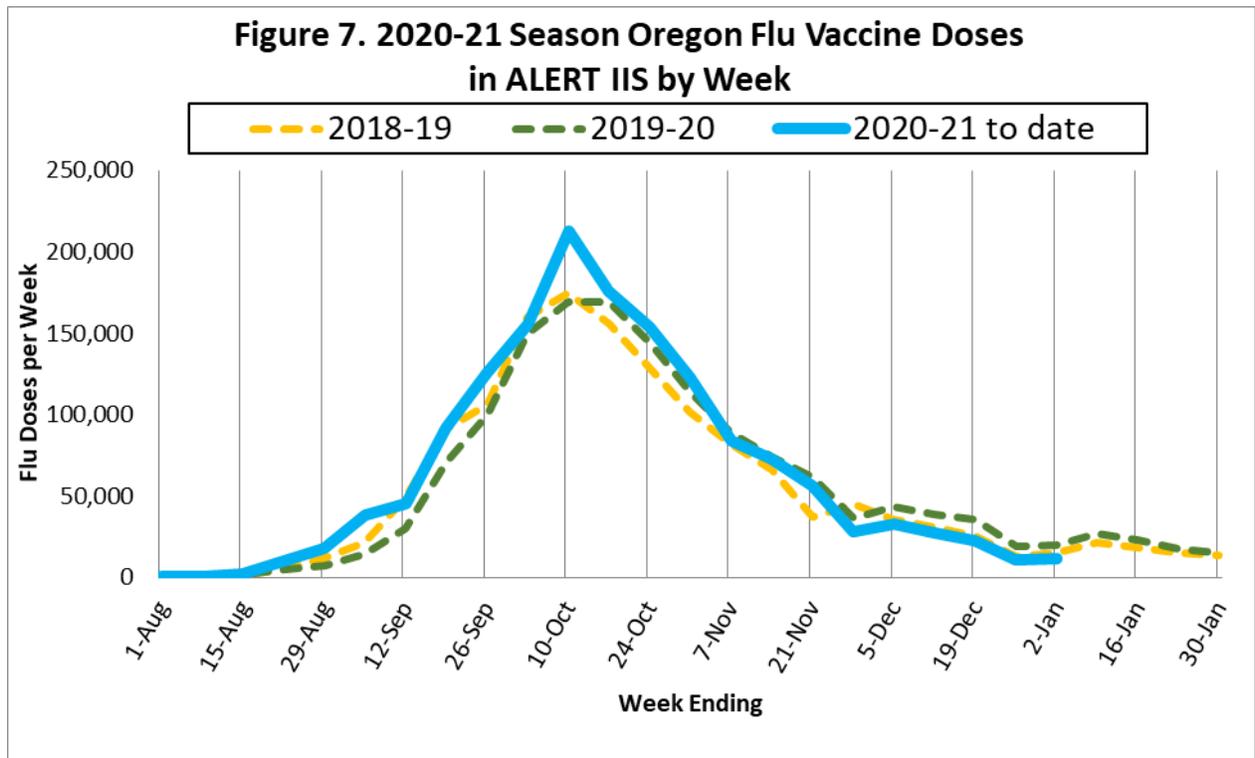
Outpatient Influenza-like Illness Surveillance: Oregon’s outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 53 of 2020 was 1.7%. Regionally, the percent was highest in the Central/Gorge region areas (4.9%) and lowest in the Willamette Valley (0.7%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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 53, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: Through Jan. 2nd of 2021 (Week 53), the rate of new weekly influenza immunizations in Oregon remains low. To date, Oregon’s ALERT Immunization Information System (ALERT IIS) has received over 1.5 million reports of seasonal influenza immunizations given to Oregonians. As a caveat the ALERT IIS receives influenza immunization reports from most, but not all, Oregon immunization providers.



Data at a Glance December 20—December 26, 2020 (Week 52)

	Current Week (52)	Previous Week (51)
Percentage of emergency department visits for ILI ¹	0.9%	0.9%
Percentage positive influenza tests ²	0.2%	<0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	77	133
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

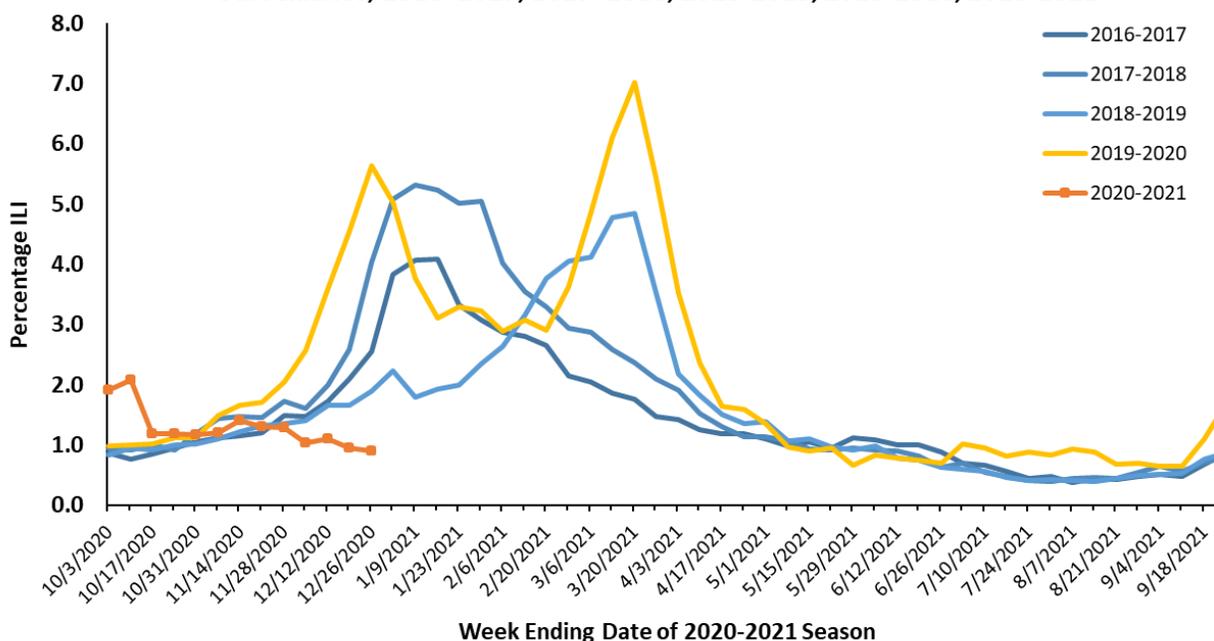
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.9% during week 52, 2020.

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 0.2% of specimens tested at Oregon labs were positive for influenza during week 52, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

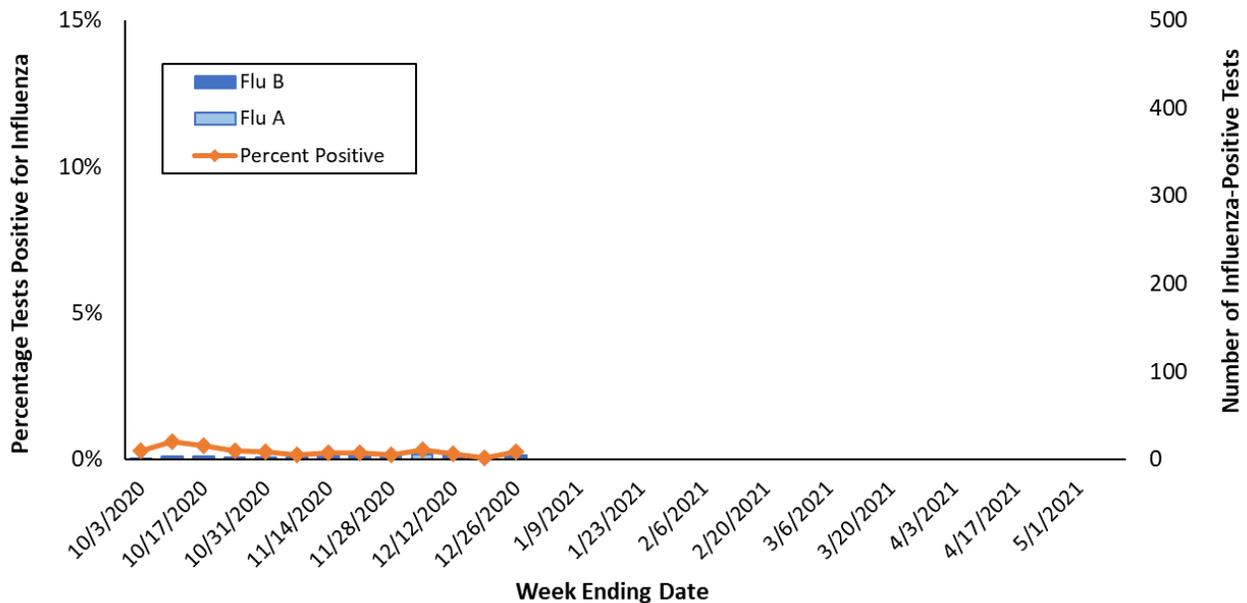
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

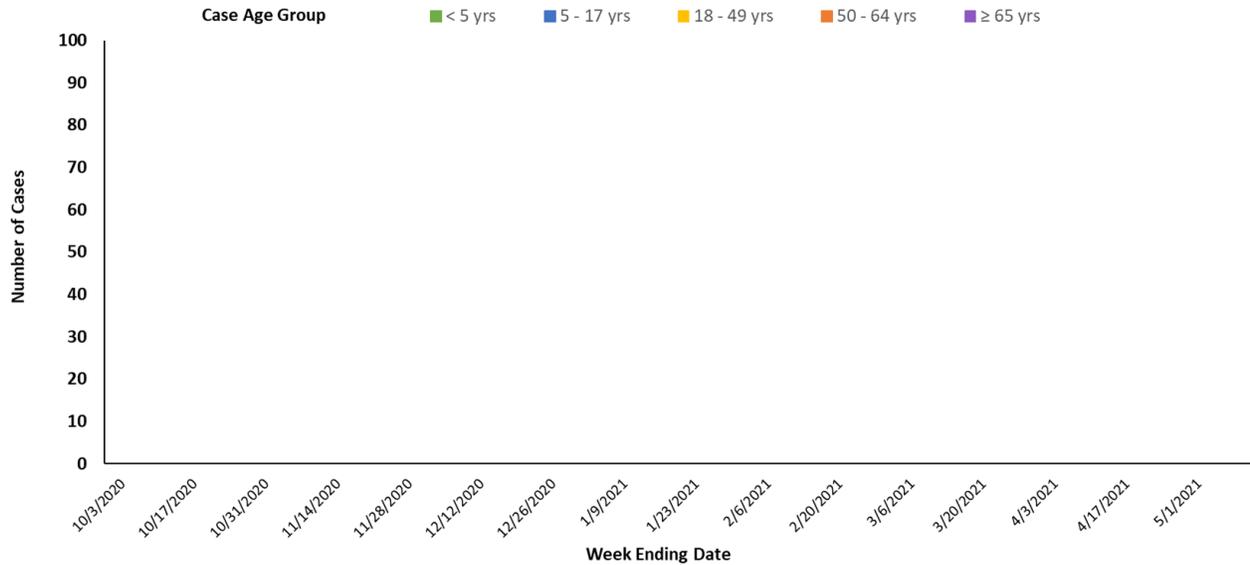
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	816	2	0.2%	0	0.0%	2	100.0%
Southern Oregon	278	2	0.7%	1	50.0%	1	50.0%
Columbia Gorge	62	0	0.0%	0	0.0%	0	0.0%
Central Oregon	355	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	111	0	0.0%	0	0.0%	0	0.0%
State Total	1622	4	0.2%	1	25.0%	3	75.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



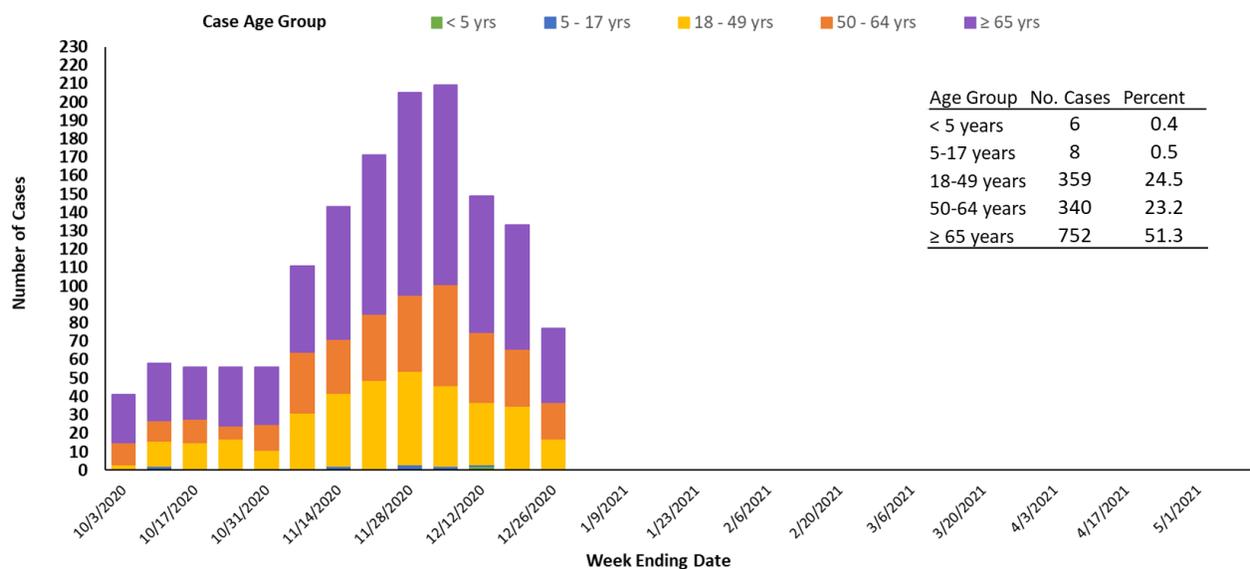
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 52 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



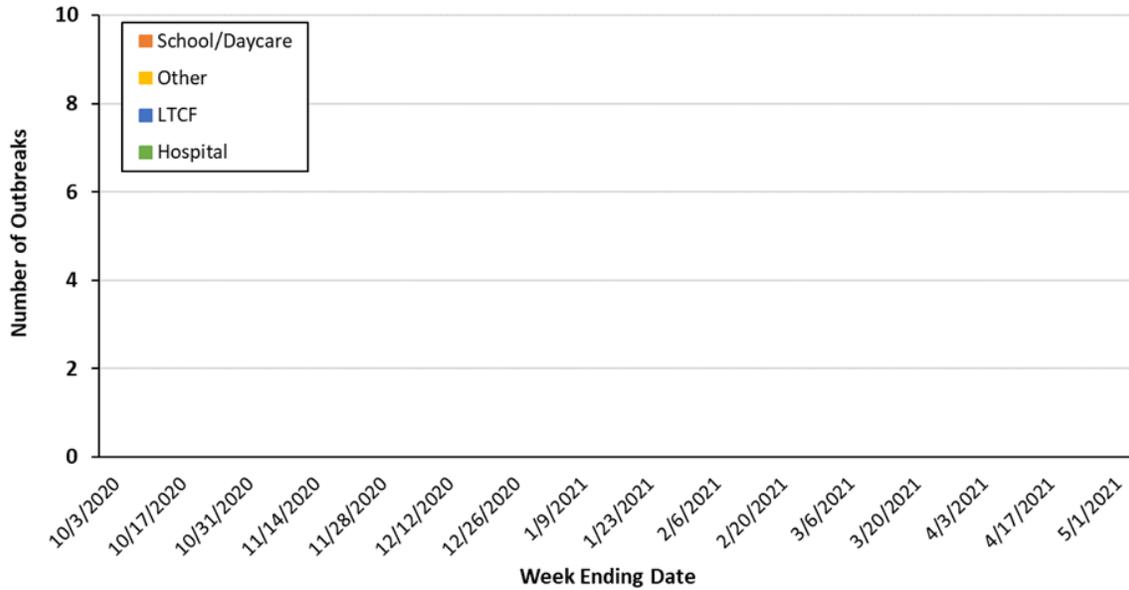
Portland Tri-County COVID-19 Hospitalizations: There were 77 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 51 of 2020. A total of 1,465 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



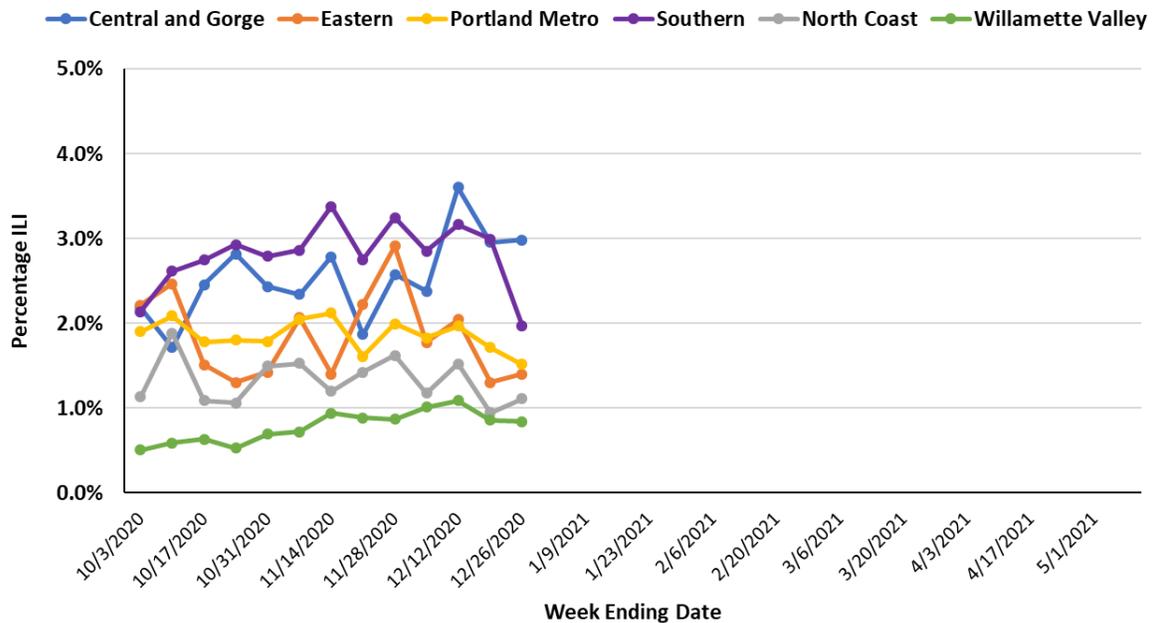
Influenza Outbreaks: There were no influenza outbreaks reported during Week 52, 2020 and none yet reported during in the 2020-2021 influenza season.

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 52 of 2020 was 1.5%. Regionally, the percent was highest in the Central/Gorge region areas (3.0%) and lowest in the Willamette Valley (0.8%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: Through Dec. 26th, (week 52), the rate of new weekly influenza immunizations in Oregon continues to decline in the manner observed in prior seasons. Whether there will be a spike upward in influenza immunizations in January is uncertain at this point. To date, Oregon's ALERT Immunization Information System (ALERT IIS) has received reports of 1.5 million seasonal influenza immunizations given to Oregonians. Among adults age 18 to 64, to date 60% of influenza immunizations this season have been given to women. Whether this gender difference will apply to future COVID immunization is an open question, As a caveat the ALERT IIS receives influenza immunization reports from most, but not all, Oregon immunization providers.

Figure 7: 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

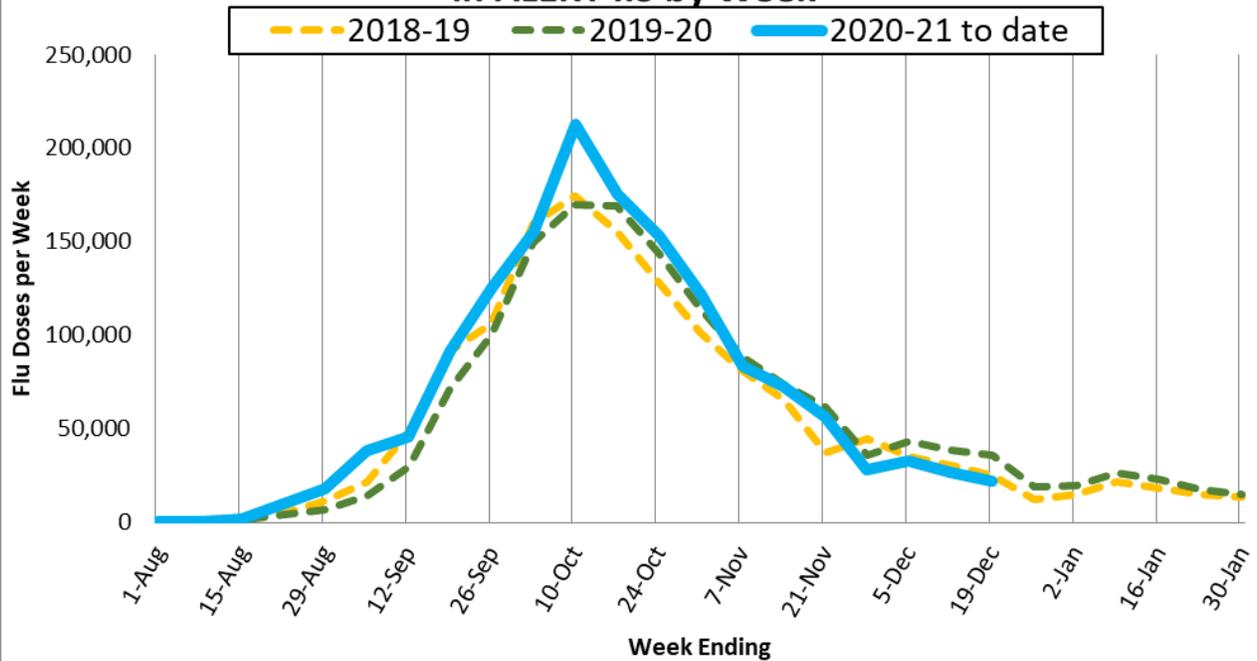
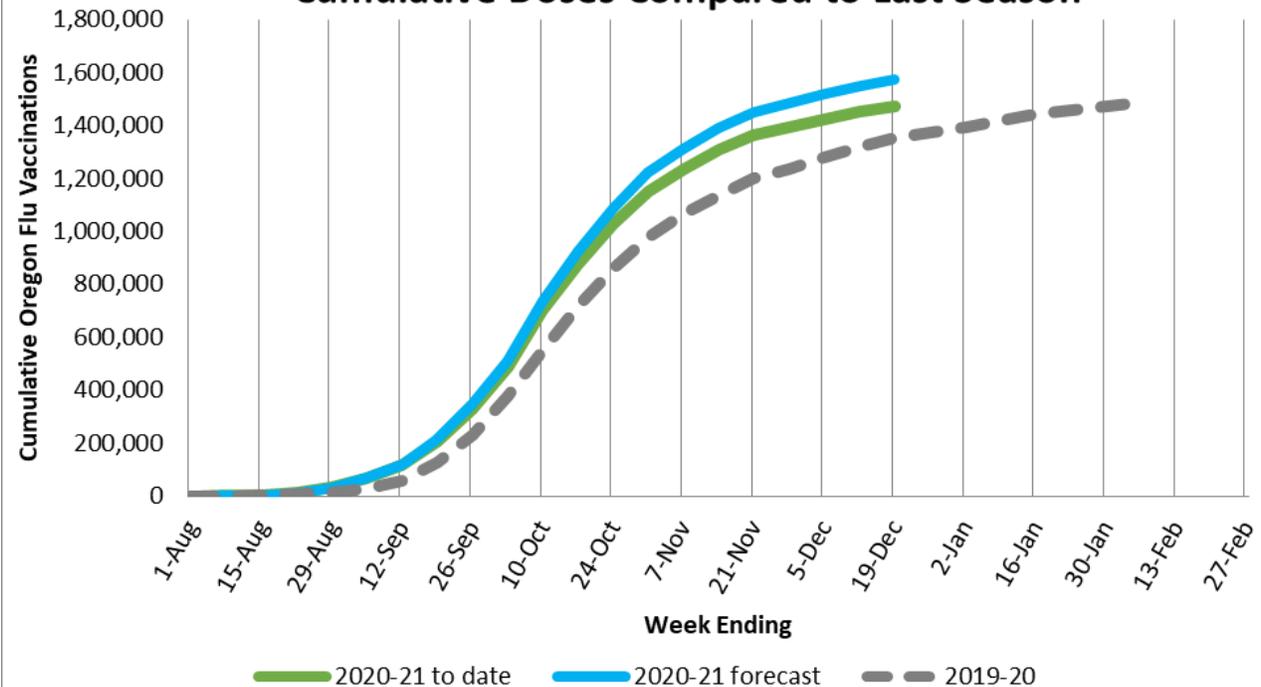


Figure 8: 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.3% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains much lower than normal despite a higher than normal number of tests performed.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

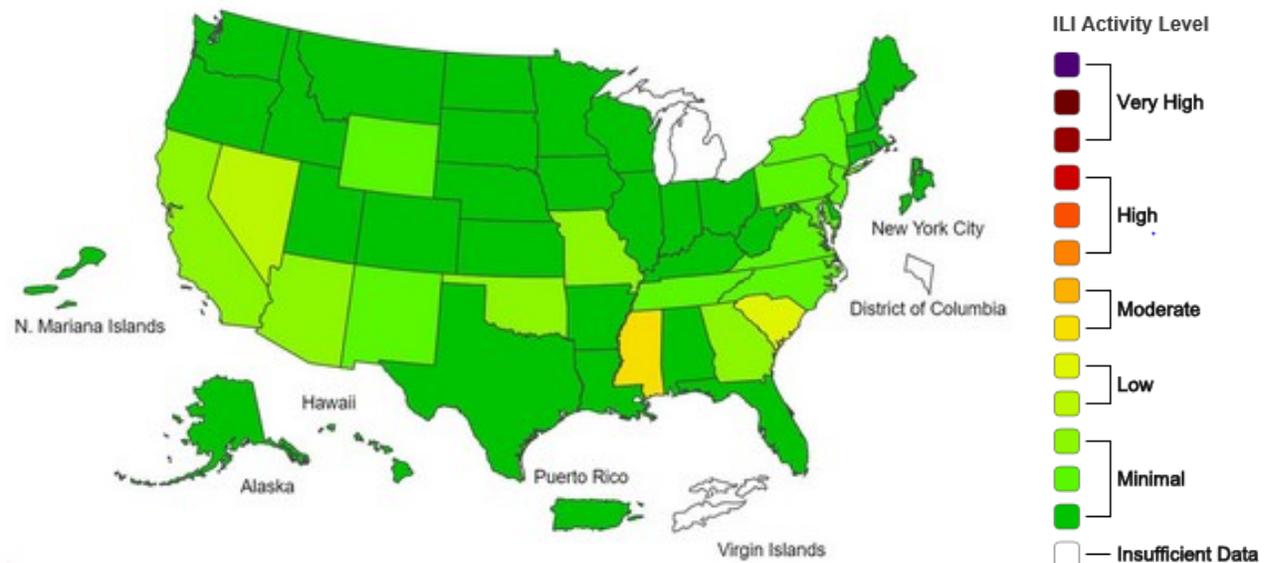
Illness

- **ILINet Outpatient Illness:** The percentage of visits to a health care provider for influenza-like illness (ILI) is at 1.6%, similar to week 51 (change $\leq 0.1\%$). This is below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week one jurisdiction experienced moderate ILI activity, two jurisdictions experienced low activity, and the remaining jurisdictions experienced minimal ILI activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be presented once case counts increase to a level that produces stable rates; in the interim, case counts will be reported each week.
- **P&I Mortality:** 13.6% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.8%. The majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 52—Ending December 26, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance December 13—December 19, 2020 (Week 51)

	Current Week (51)	Previous Week (50)
Percentage of emergency department visits for ILI ¹	0.9%	1.1%
Percentage positive influenza tests ²	<0.1%	0.2%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	132	146
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.1%

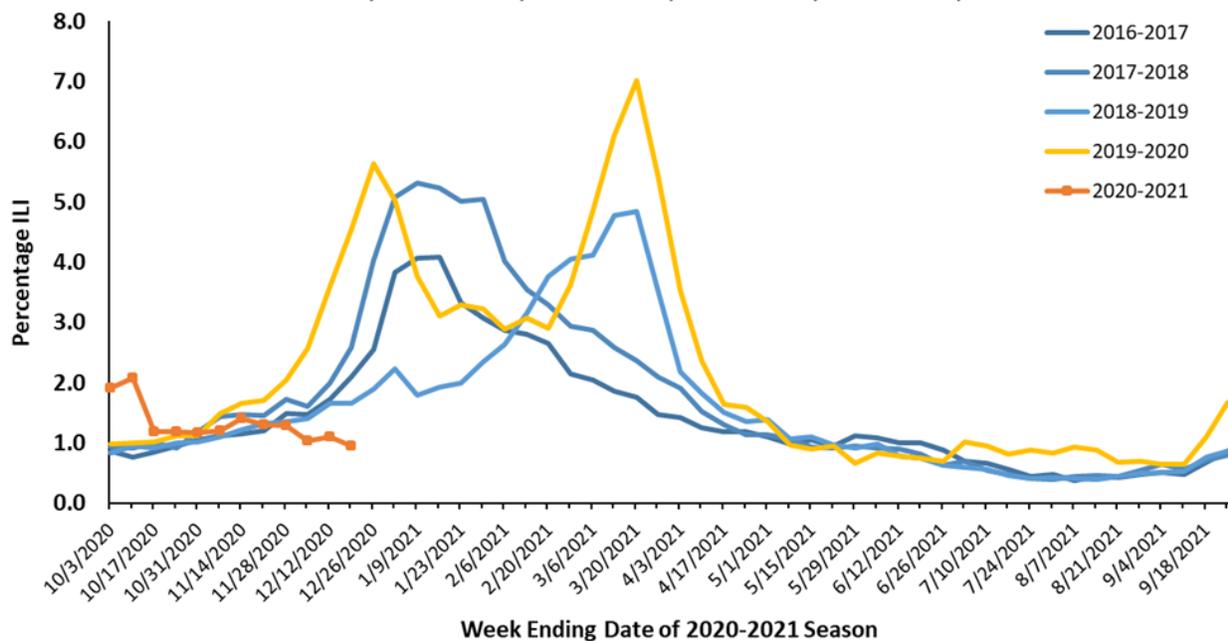
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 0.9% during week 51, 2020.

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 <0.1% of specimens tested at Oregon labs were positive for influenza during week 51, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

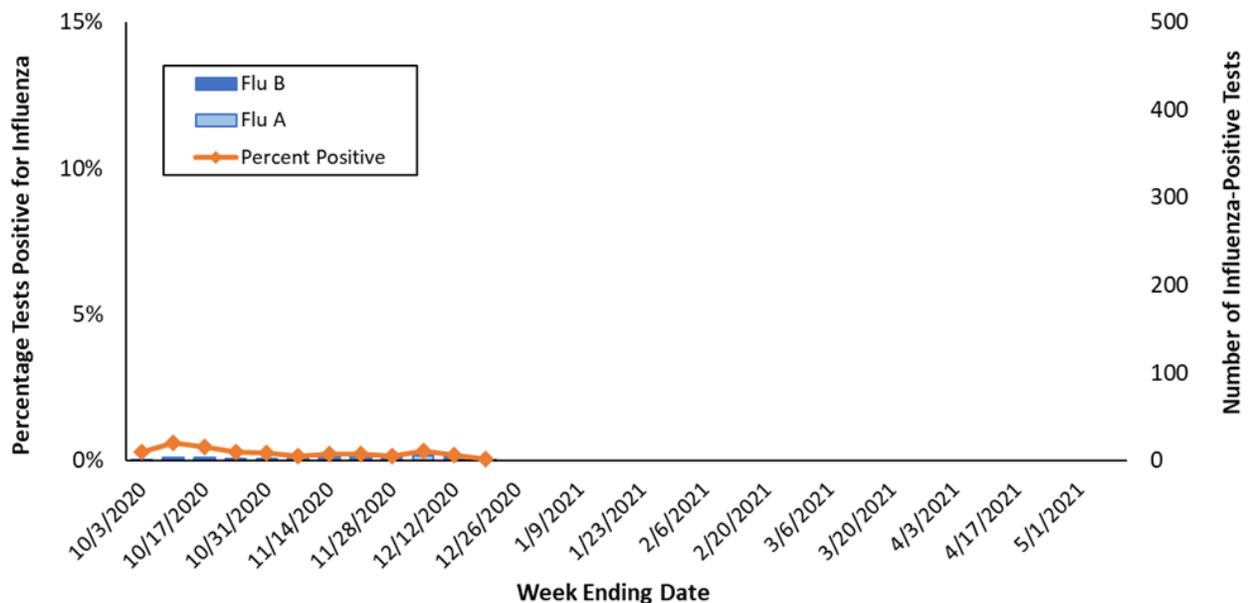
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

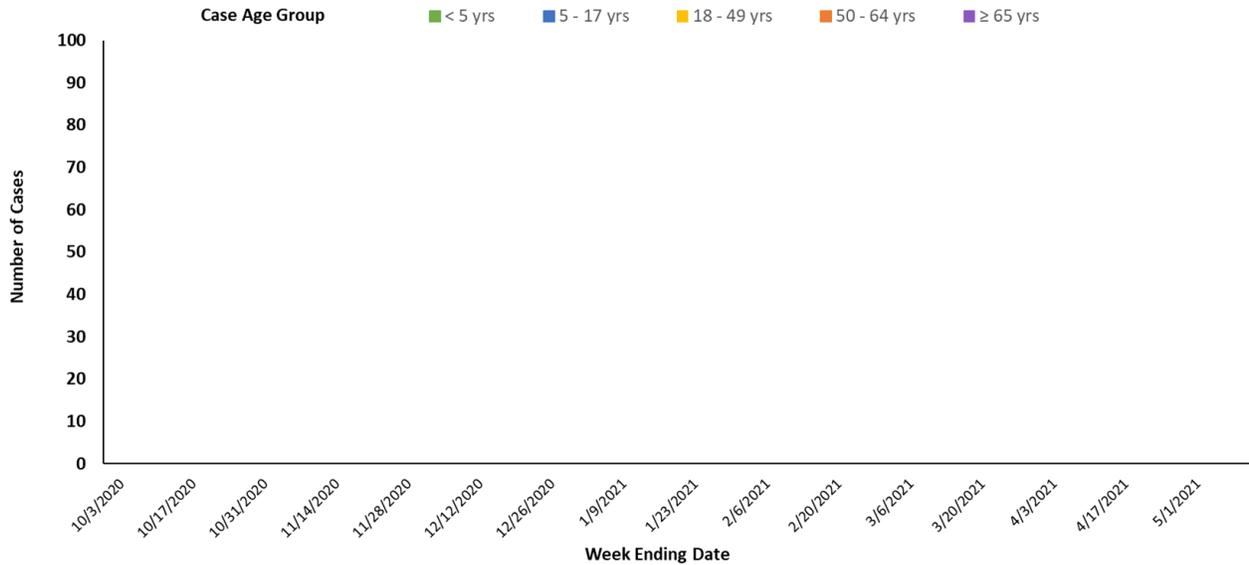
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1748	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	375	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	65	1	1.5%	0	0.0%	1	0.0%
Central Oregon	427	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	98	0	0.0%	0	0.0%	0	0.0%
State Total	2713	1	0.0%	0	0.0%	1	100.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



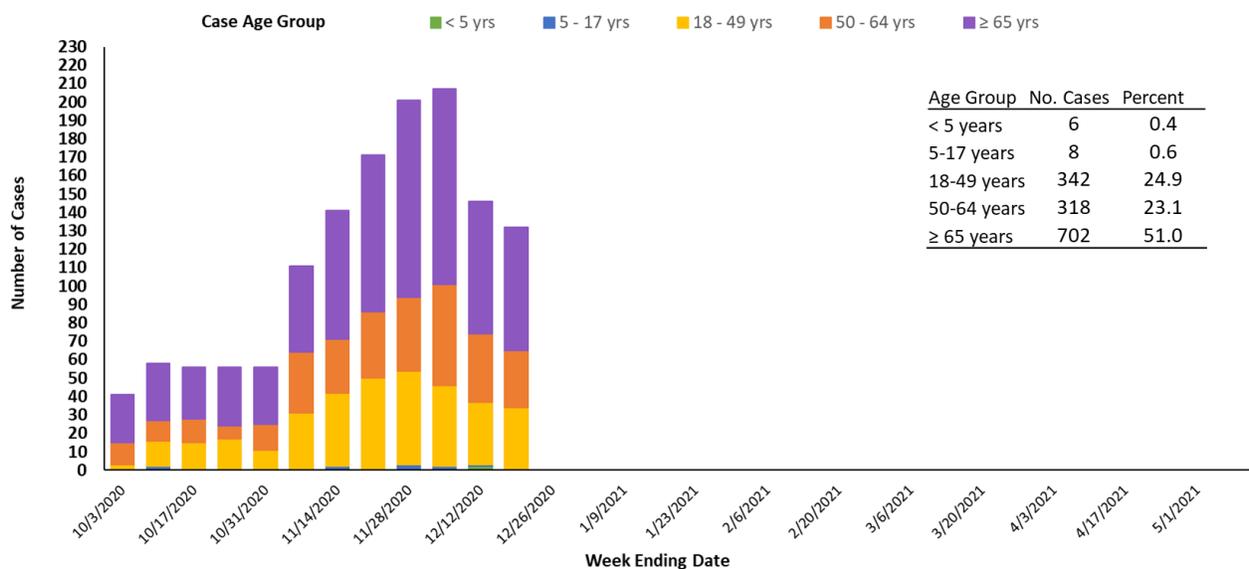
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 51 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



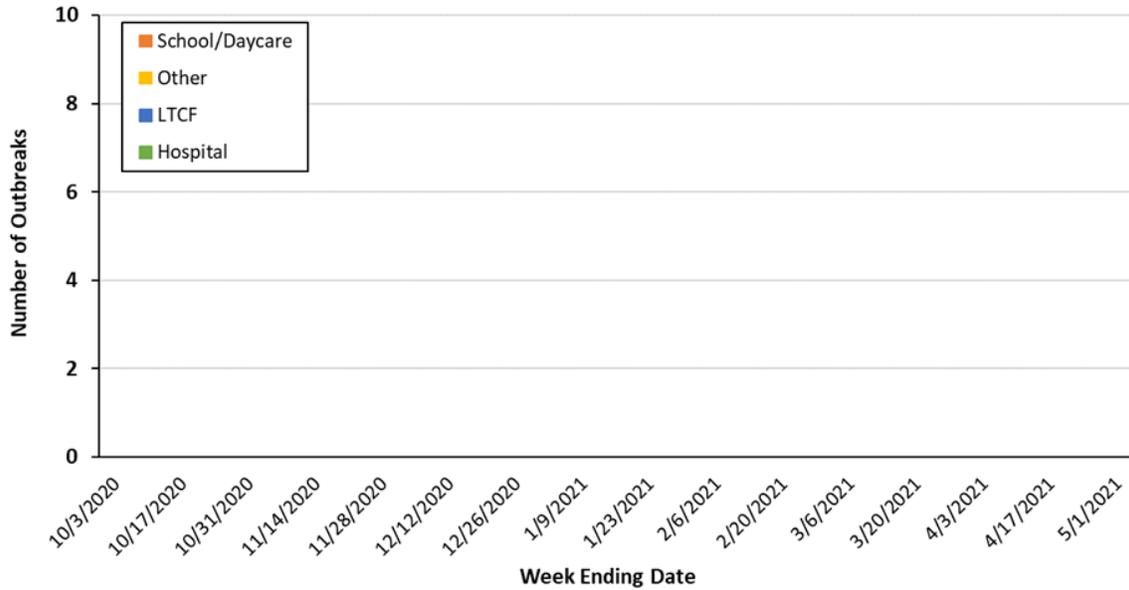
Portland Tri-County COVID-19 Hospitalizations: There were 132 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 51 of 2020. A total of 1,376 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



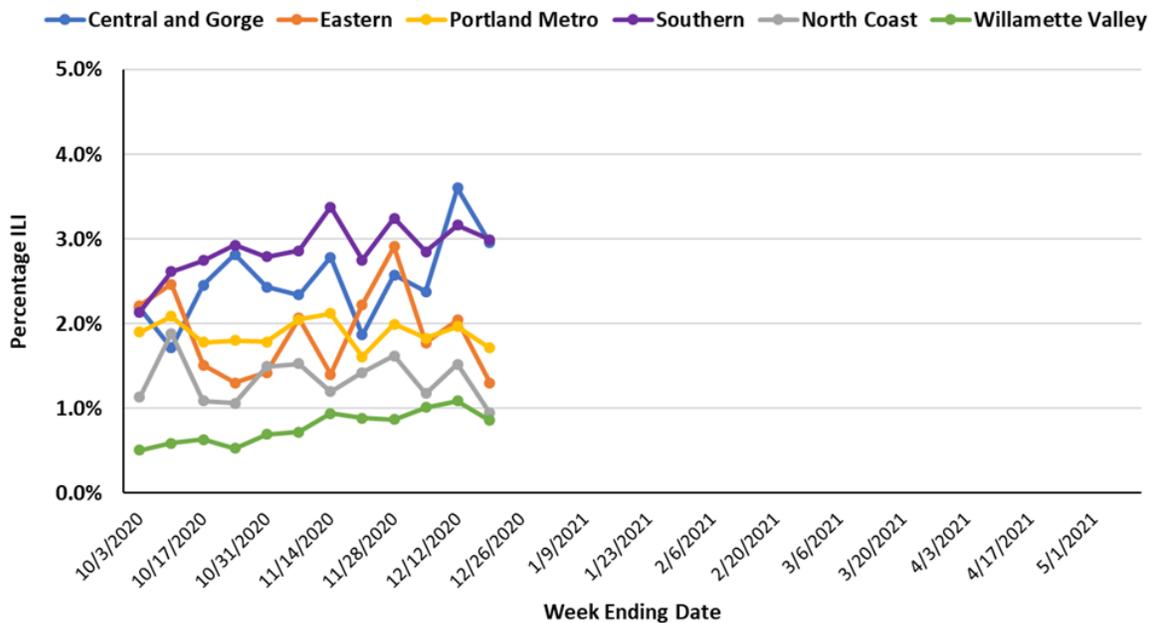
Influenza Outbreaks: There were no influenza outbreaks reported during Week 51, 2020 and none yet reported during in the 2020-2021 influenza season.

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 51 of 2020 was 1.8%. Regionally, the percent was highest in the Southern and Central/Gorge regions (3.0%) and lowest in the North Coast and Willamette Valley regions (0.9%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: Through Dec. 19th (week 51), the rate of new weekly influenza immunizations in Oregon continues to run slightly below last season. To date, Oregon’s ALERT Immunization Information System (ALERT IIS) has received reports of 1.5 million seasonal influenza immunizations given to Oregonians. As a caveat, the ALERT IIS receives influenza immunization reports from most, but not all, Oregon immunization providers. Non-reported immunizations include those given to veterans at Veteran’s Administration sites in Oregon.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

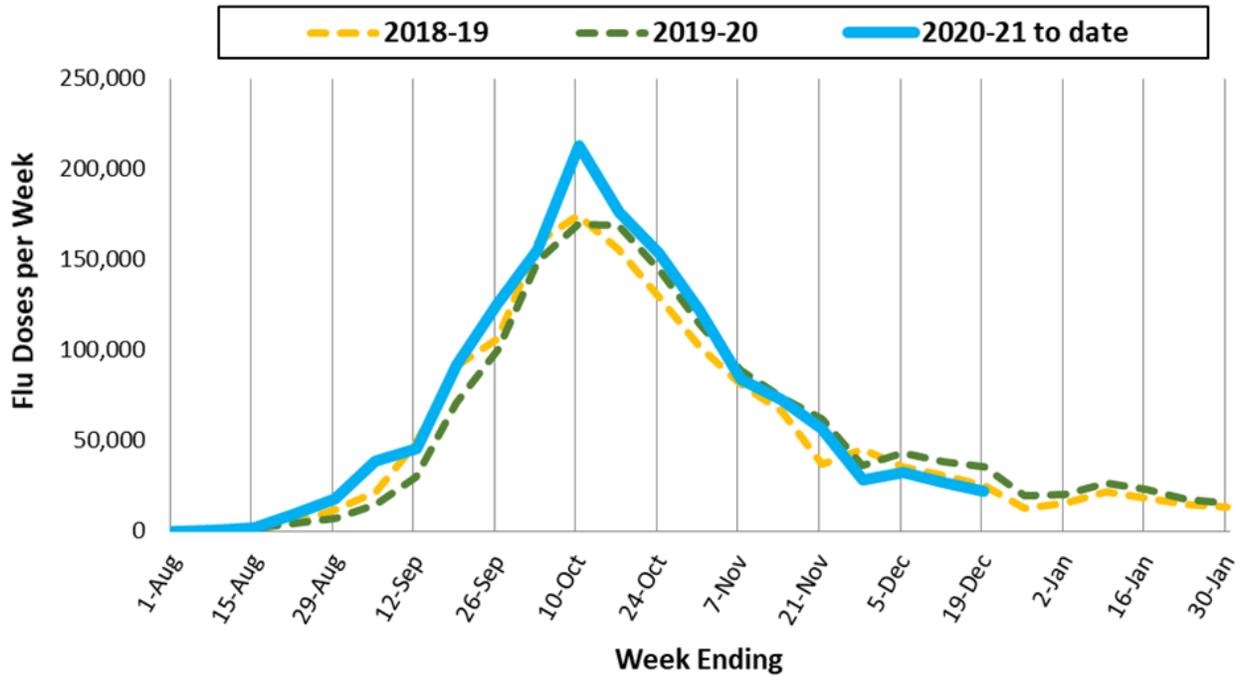
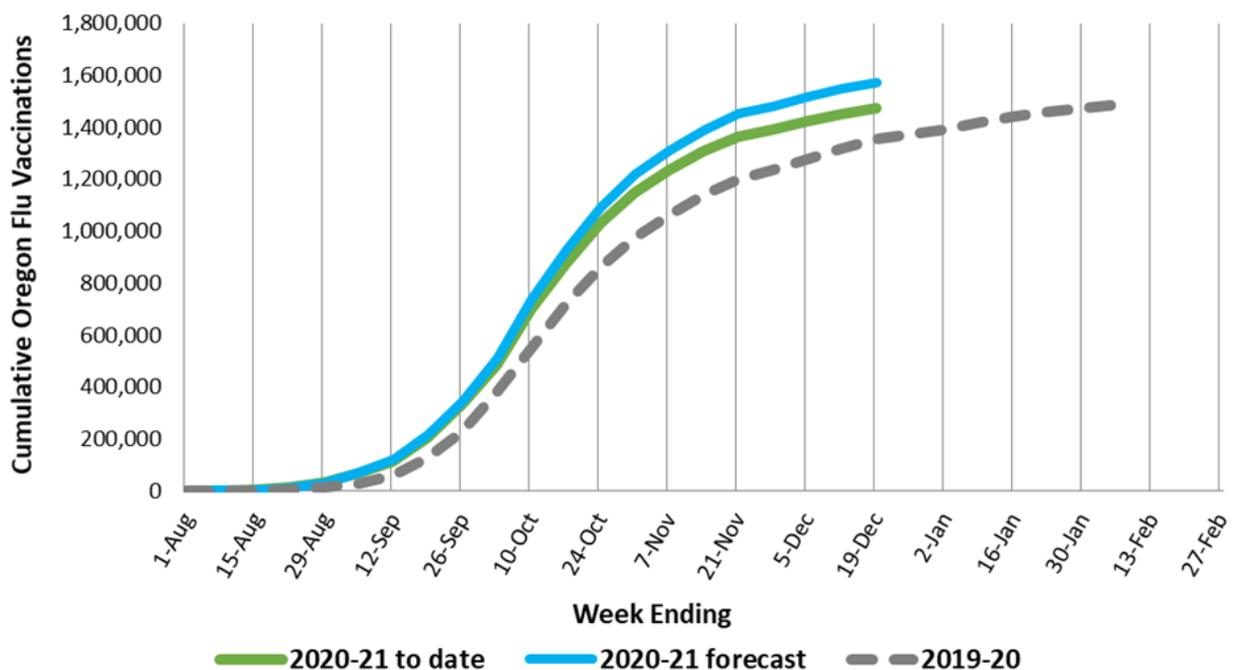


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** The number of influenza positives reported by public health labs remains much lower than normal despite a higher than normal number of tests performed.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

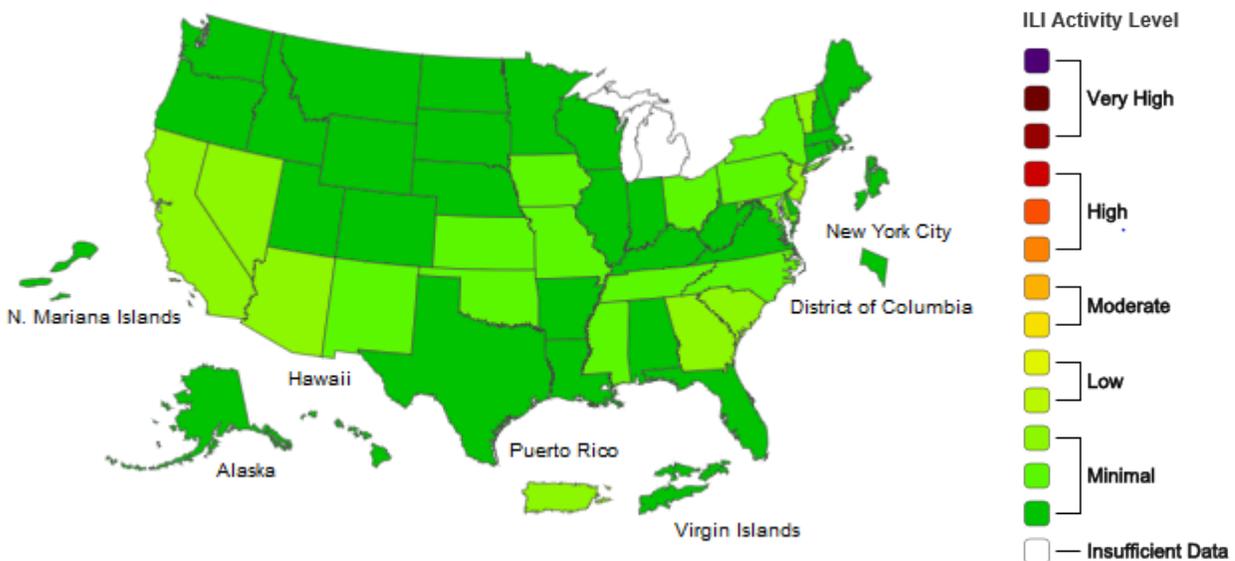
Illness

- **ILINet Outpatient Illness:** The percentage of visits to a health care provider for influenza-like illness (ILI) is at 1.5%, similar to week 50 (change $\leq 0.1\%$). This is below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week all jurisdictions experienced minimal ILI activity and the remaining jurisdictions experienced minimal ILI activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be presented once case counts increase to a level that produces stable rates; in the interim, case counts will be reported each week.
- **P&I Mortality:** 13.0% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.7%. The majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 51—Ending December 19, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance December 6—December 12, 2020 (Week 50)

	Current Week (50)	Previous Week (49)
Percentage of emergency department visits for ILI ¹	1.1%	1.0%
Percentage positive influenza tests ²	0.2%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	130	192
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.1%	0.1%

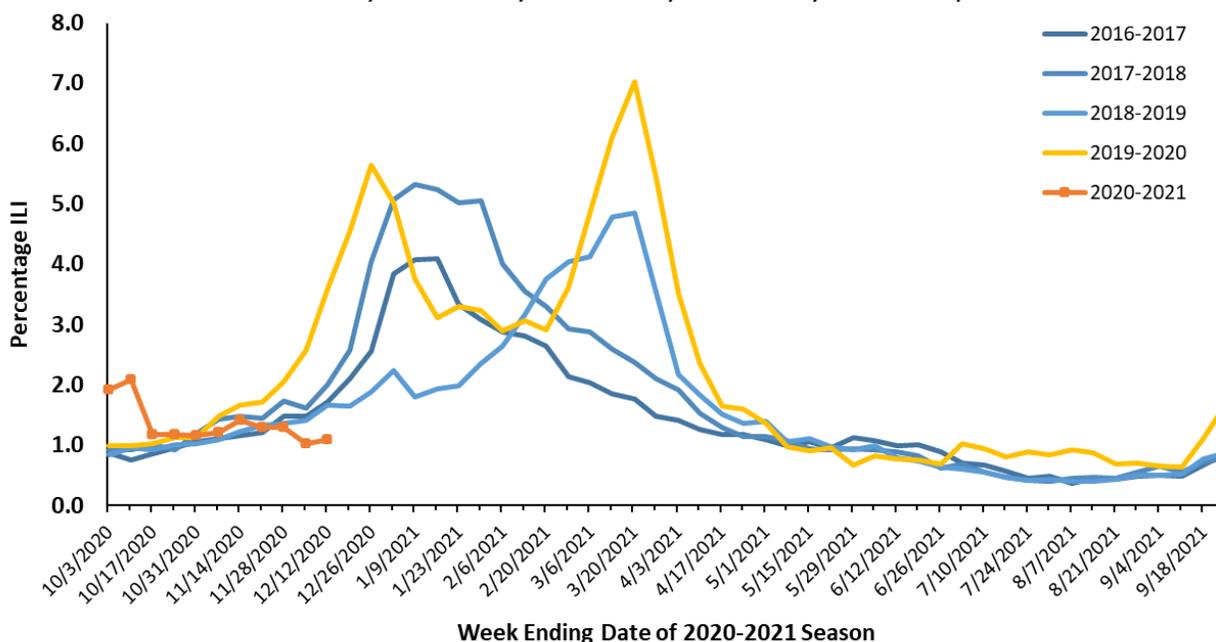
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 1.1% during week 50, 2020.

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 0.2% of specimens tested at Oregon labs were positive for influenza during week 50, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

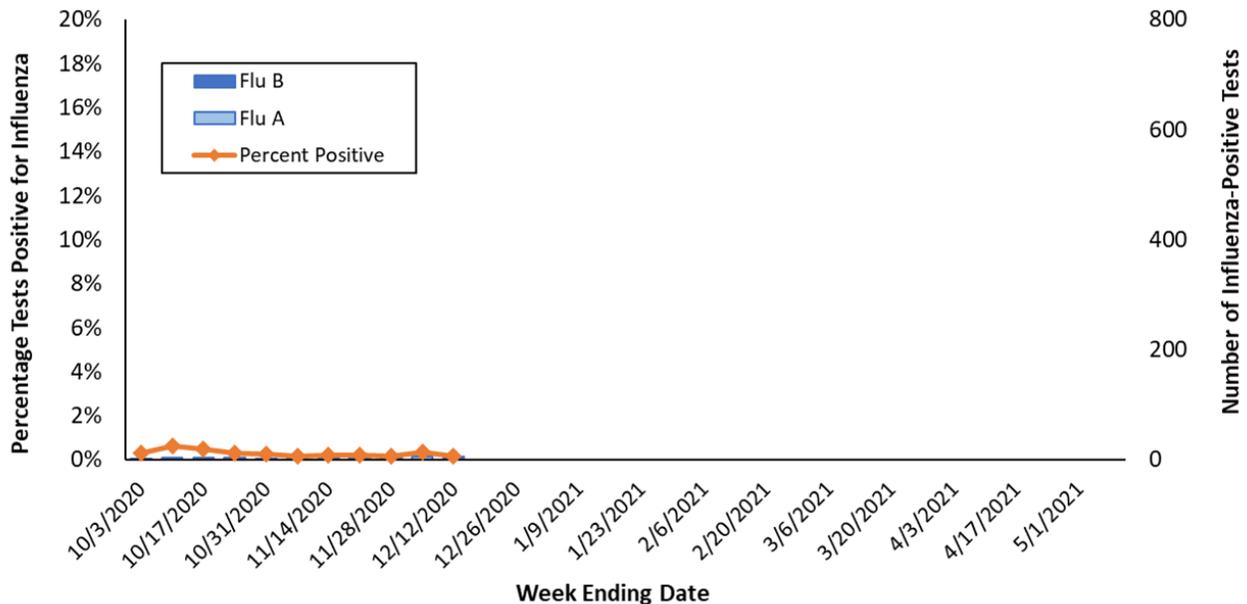
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

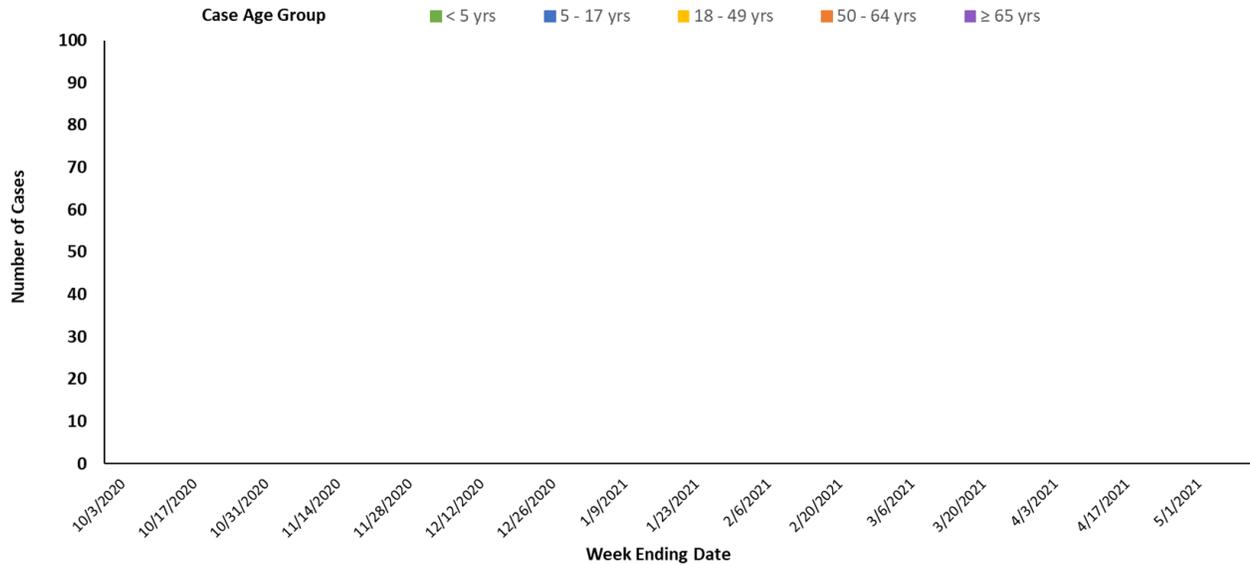
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1923	1	0.1%	0	0.0%	1	100.0%
Southern Oregon	405	4	1.0%	1	25.0%	3	75.0%
Columbia Gorge	31	0	0.0%	0	0.0%	0	0.0%
Central Oregon	410	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	24	0	0.0%	0	0.0%	0	0.0%
State Total	2793	5	0.2%	1	20.0%	4	80.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



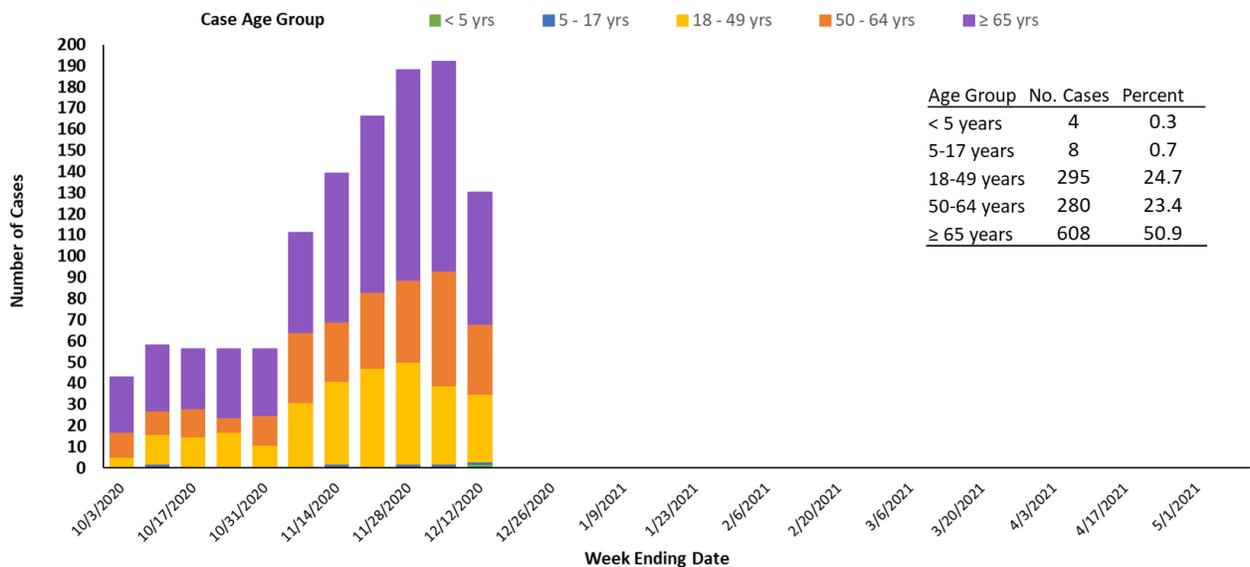
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 50 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



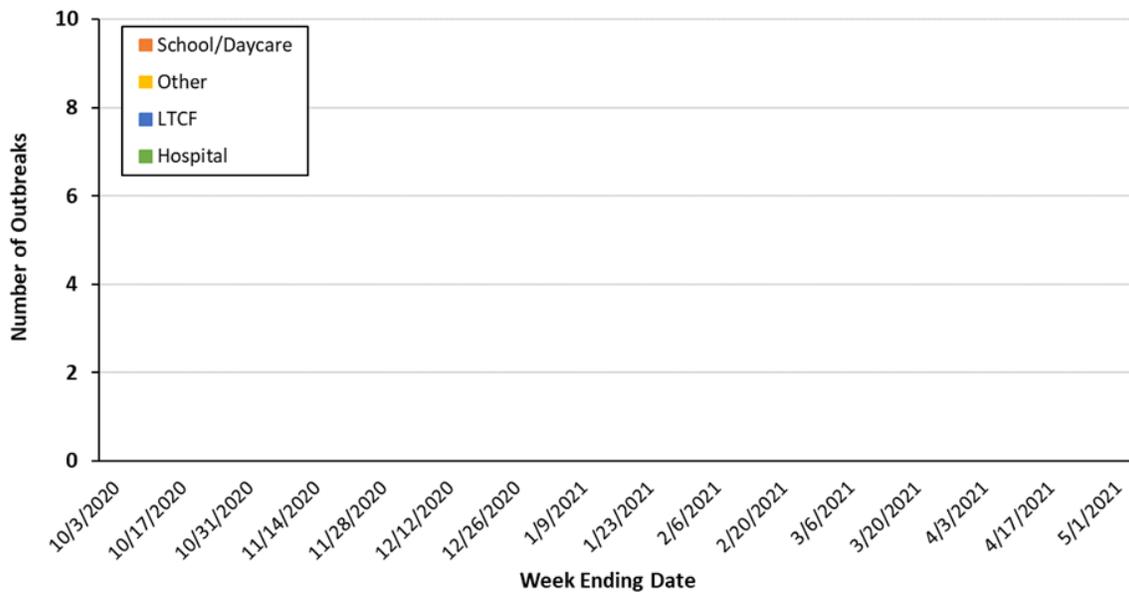
Portland Tri-County COVID-19 Hospitalizations: There were 130 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 50 of 2020. A total of 1,195 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



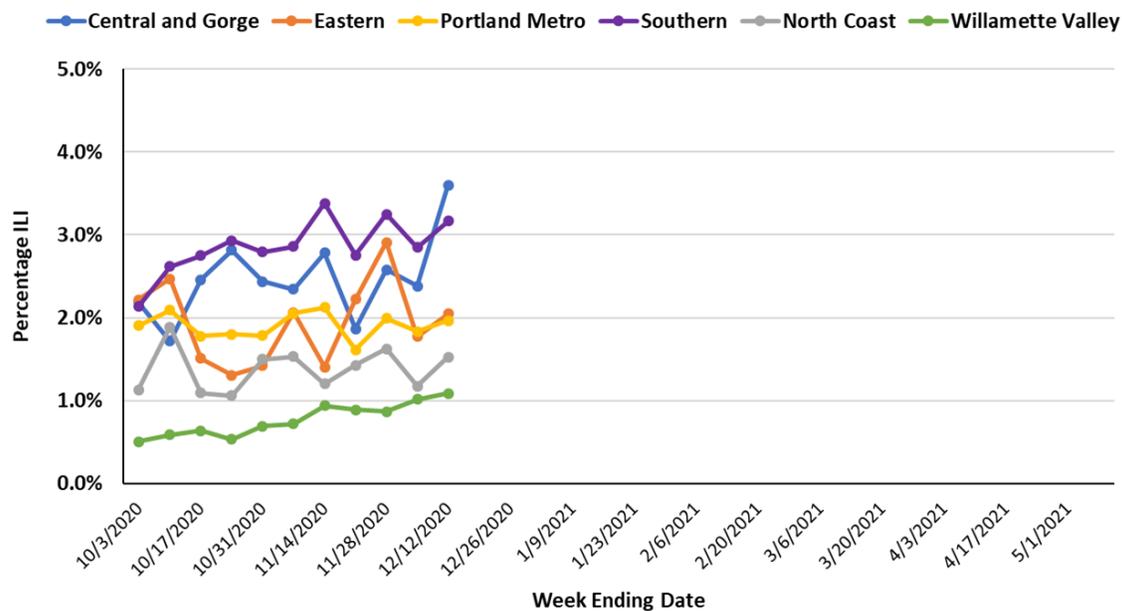
Influenza Outbreaks: There were no influenza outbreaks reported during Week 50, 2020 and none yet reported during in the 2020-2021 influenza season.

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 50 of 2020 was 2.1%. Regionally, the percent was highest in the Southern region areas (3.2%) and lowest in the Willamette Valley (1.1%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: As of Dec. 12th, (Week 50), weekly influenza immunization volumes remain low if consistent with prior seasons. There is no evidence yet of any significant December surges in influenza immunizations. Total influenza immunizations for this season continue to be above last season at this time. However, if low levels of new weekly influenza immunization totals continue, it is possible that this season will end up matching closely to last season. For last influenza season, the CDC estimated that 48.2% of Oregon adults received an influenza immunization. For last season, based on the ALERT IIS, OHA estimates that 47.2% of adult Oregonians received an influenza immunization, and is currently projecting that for this season 50% of adult Oregonians will receive an influenza immunization.

Last season, Latino adults in Oregon had a substantially lower rate of influenza immunization than other adults. Latino adult populations are younger than the general adult population in Oregon; however controlling for this difference in adult age, OHA estimated the gap in influenza immunization rates for Latino adults as 17%. A goal of OHA is to reduce this equity gap by increasing Latino adult influenza immunizations. This season, both Latino and non-Latino adults have experienced similar increases in influenza immunizations, and without any further change, it is estimated that the age-adjusted gap will remain at 17%.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

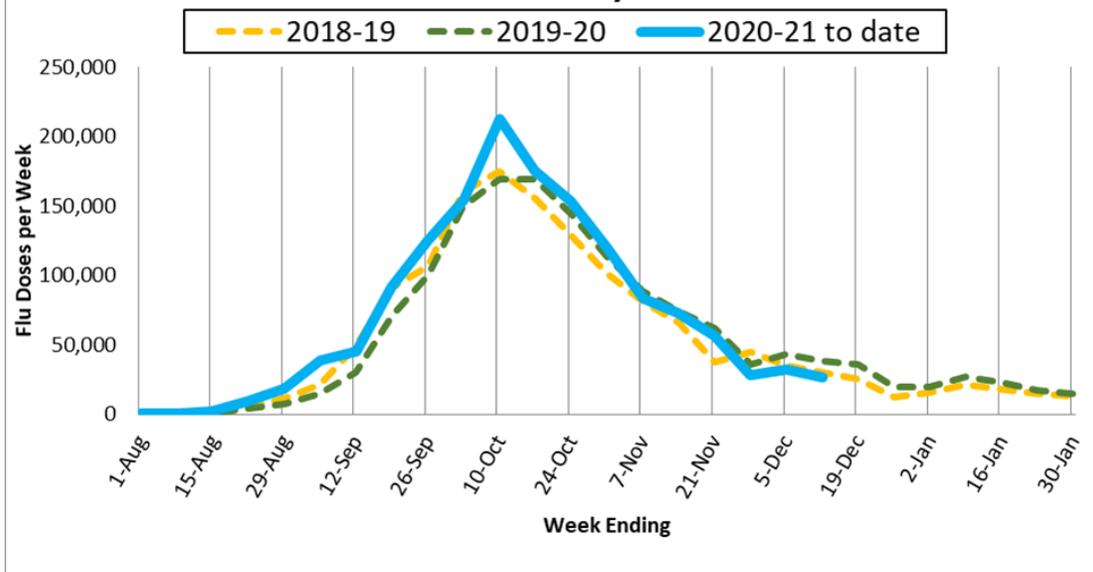
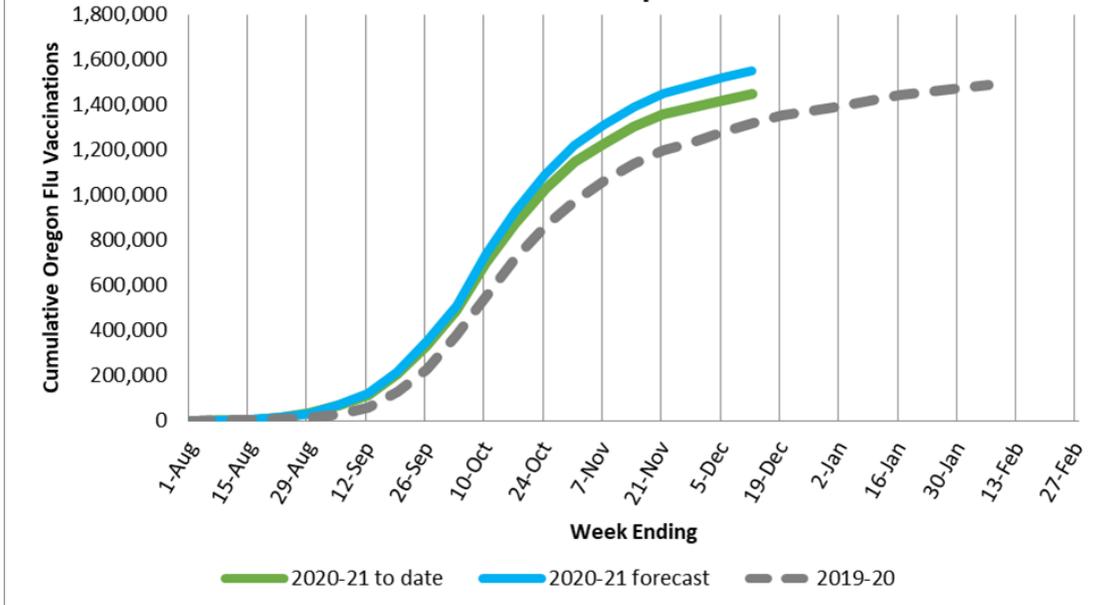


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.3% this week.
- **Public Health Labs:** Influenza activity was low over the summer months and few specimens have tested positive in the public health labs during recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

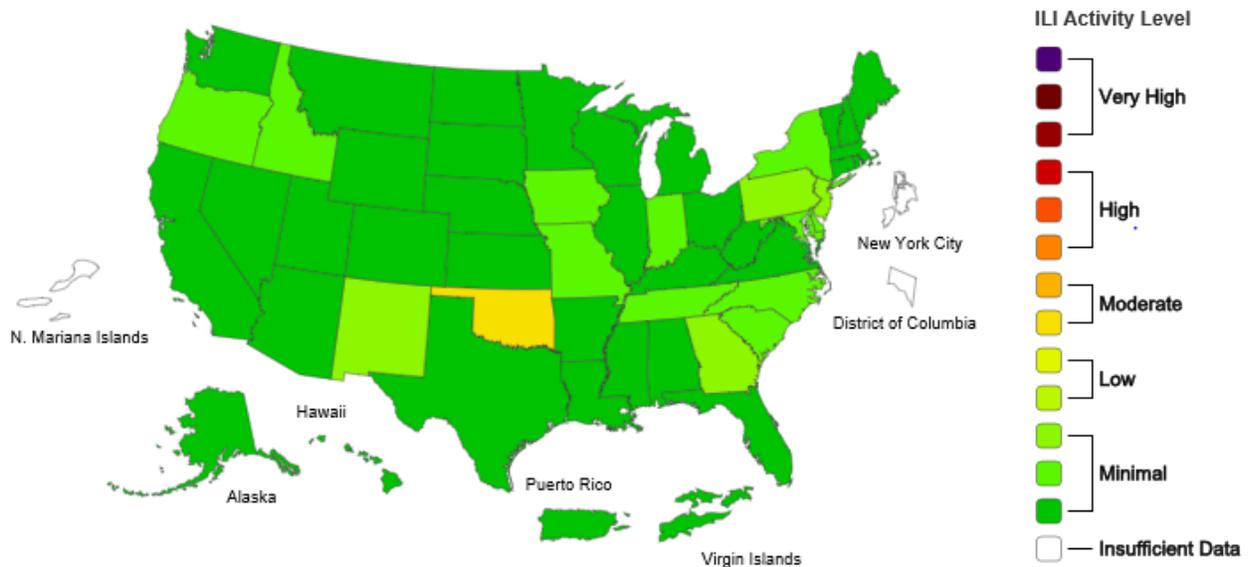
Illness

- **ILINet Outpatient Illness:** The percentage of visits to a health care provider for influenza-like illness (ILI) remained at 1.6% for the fourth consecutive week. This is below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week, one jurisdiction experienced moderate ILI activity and the remaining jurisdictions experienced minimal ILI activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be presented once case counts increase to a level that produces stable rates; in the interim, case counts will be reported each week.
- **P&I Mortality:** 13.3% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.6%. The majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** No new influenza-associated pediatric deaths were reported to CDC this week. The total for the 2020-2021 season is one.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 50—Ending December 12, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance November 29—December 5, 2020 (Week 49)

	Current Week (49)	Previous Week (48)
Percentage of emergency department visits for ILI ¹	1.0%	1.3%
Percentage positive influenza tests ²	0.3%	0.2%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	166	182
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.1%	0.0%

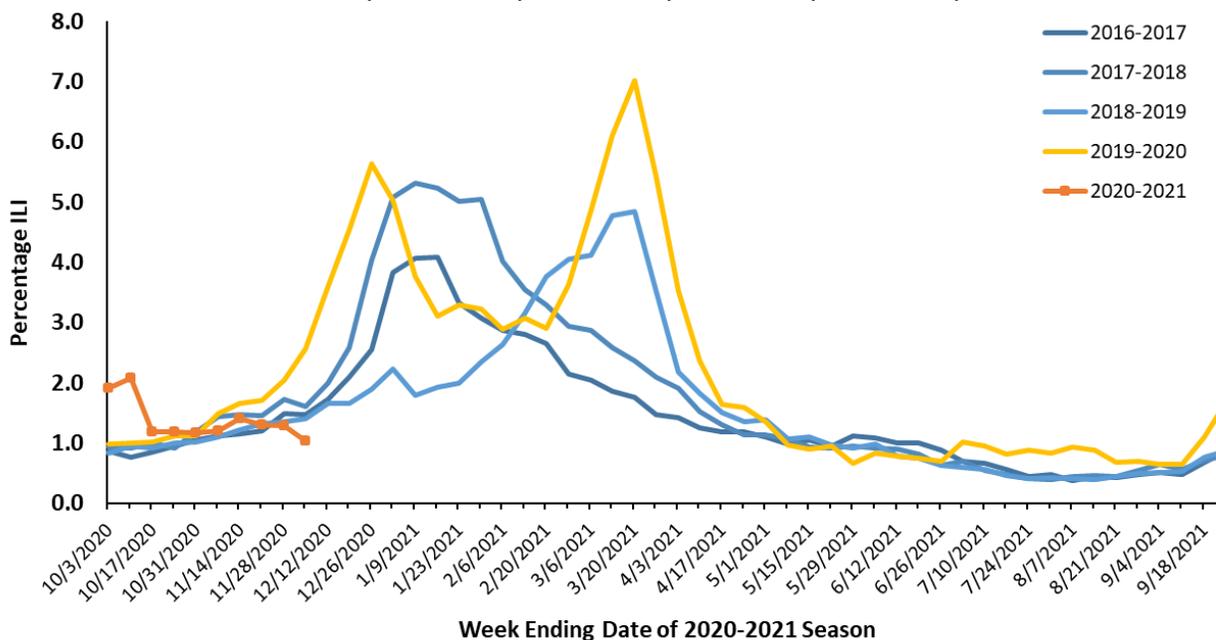
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 1.0% during week 49, 2020.

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 49, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

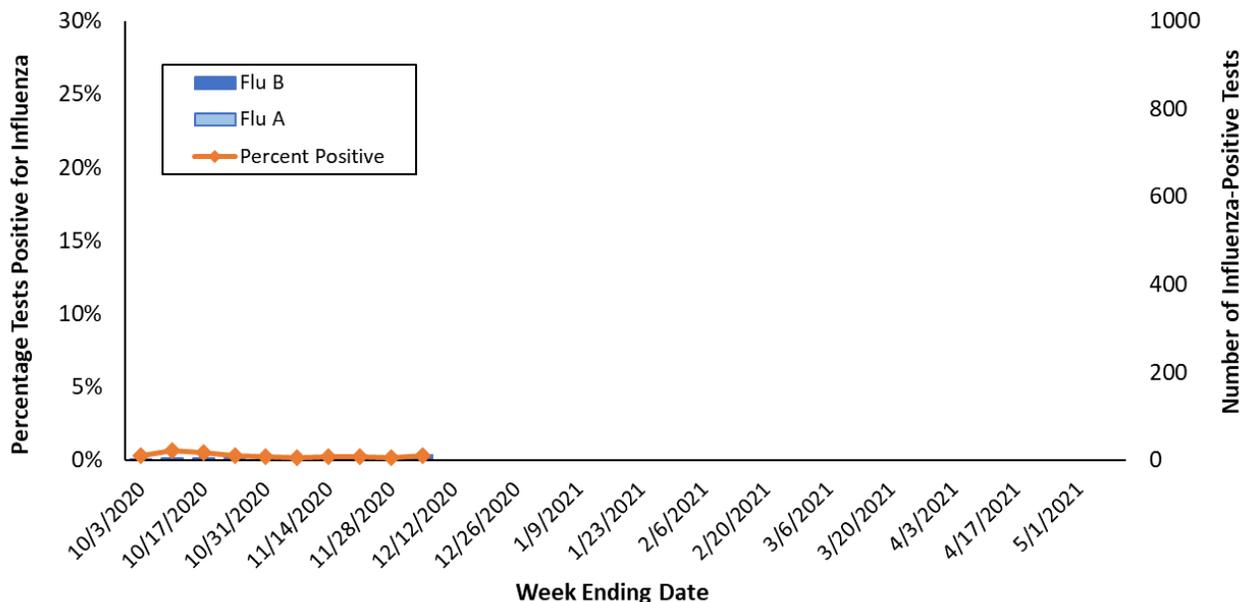
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

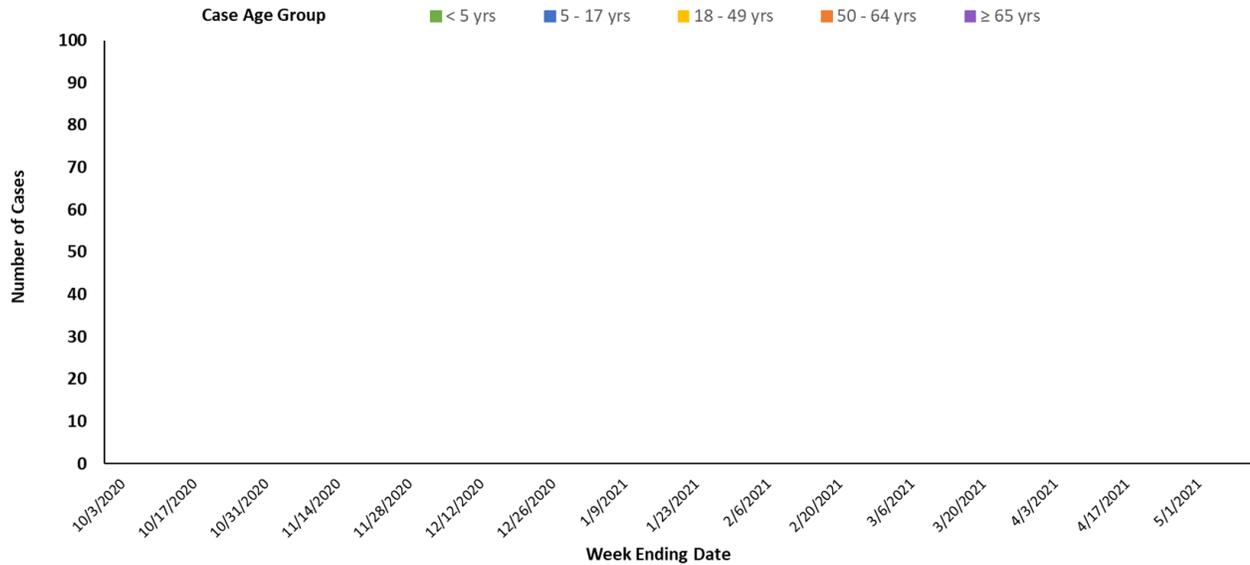
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	2051	4	0.2%	2	50.0%	2	50.0%
Southern Oregon	408	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	85	6	7.1%	3	50.0%	3	50.0%
Central Oregon	452	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	83	0	0.0%	0	0.0%	0	0.0%
State Total	3079	10	0.3%	5	50.0%	5	50.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



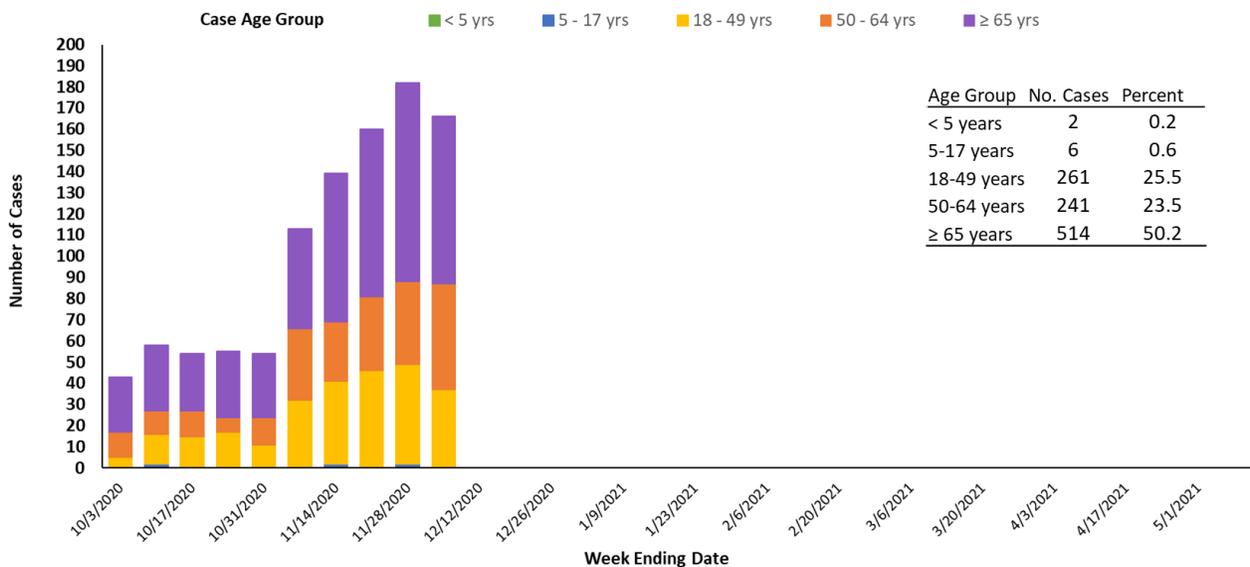
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 49 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



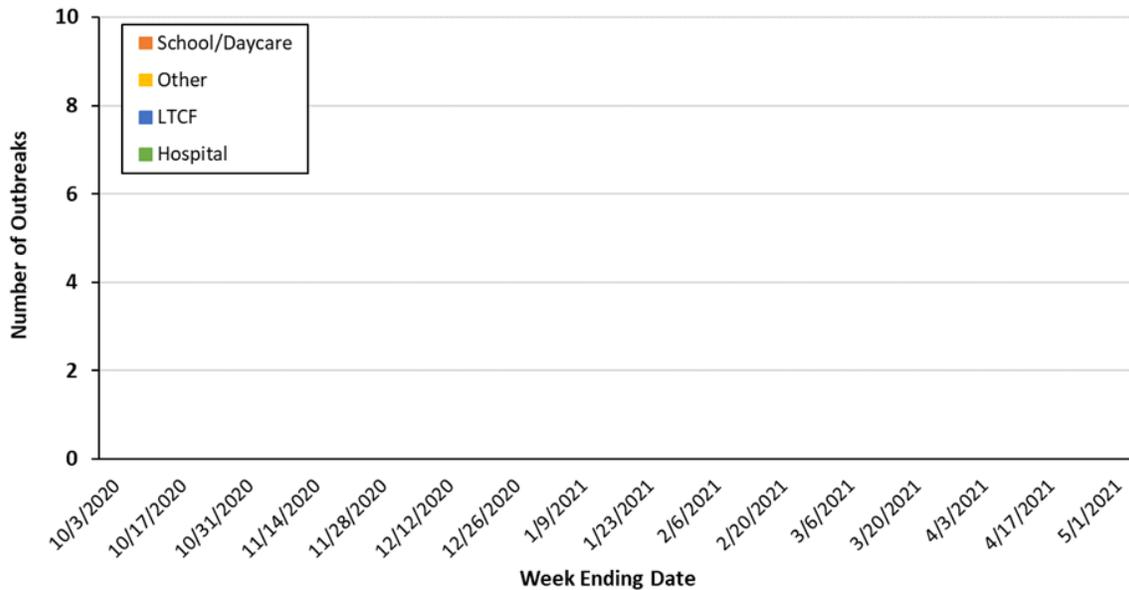
Portland Tri-County COVID-19 Hospitalizations: There were 166 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 49 of 2020. A total of 1,024 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



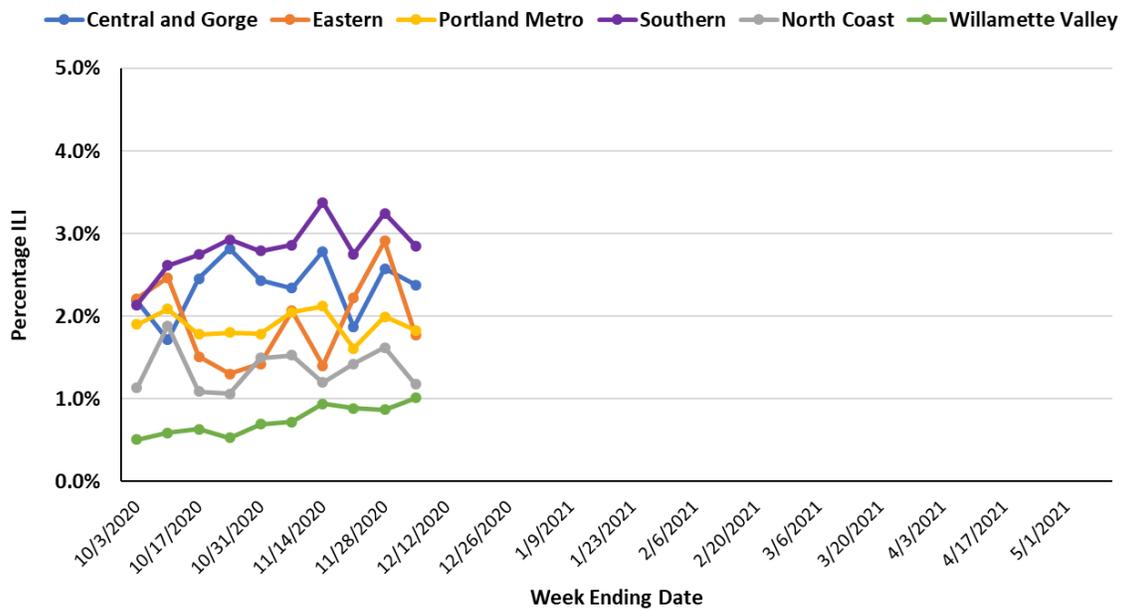
Influenza Outbreaks: There were no influenza outbreaks reported during Week 49, 2020 and none yet reported during in the 2020-2021 influenza season.

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 49 of 2020 was 1.9%. Regionally, the percent was highest in the Southern region areas (2.8%) and lowest in the Willamette Valley (1.0%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: As of Dec. 5th, (Week 49), the weekly total of new influenza immunizations in Oregon remains low but consistent with prior seasons at this time. While waiting for the arrival of COVID-19 vaccines, we need to continue reminding the public that it is not too late to get an influenza immunization.

This season has featured an increase in adult influenza immunizations compared to prior seasons. Regardless of amount of immunizations however, a concern is with the equity of influenza immunizations in Oregon. In prior seasons, Latino adults in Oregon had substantially lower rates of influenza immunization. In this season, both Latino and other adult populations have shown strong increases in their amount of influenza immunizations- but has the gap between them decreased? For this week, we are presenting county-level estimates of the gap in influenza immunizations for Latino adults, comparing last season to current season forecasts. Overall, this gap has not decreased. The current season is marked by small increases in this immunization rate gap in many metropolitan counties contrasted against moderated decreases in the gap in many non-urban counties.

Figure 7. 2020-21 Season Oregon Influenza Vaccine Doses in ALERT IIS by Week

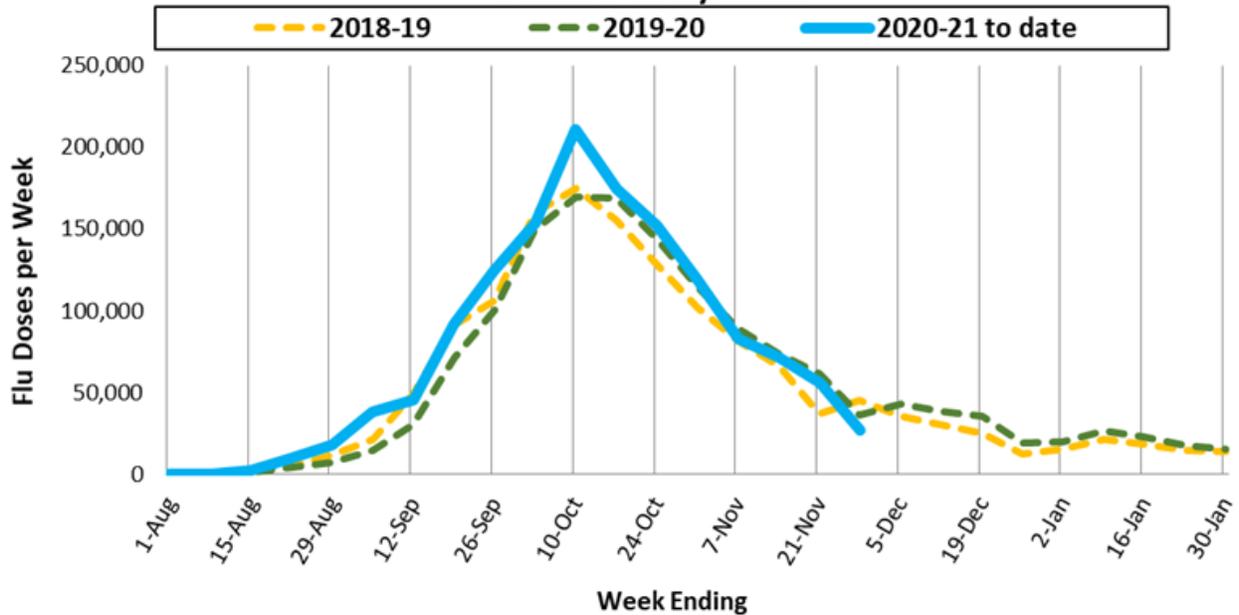
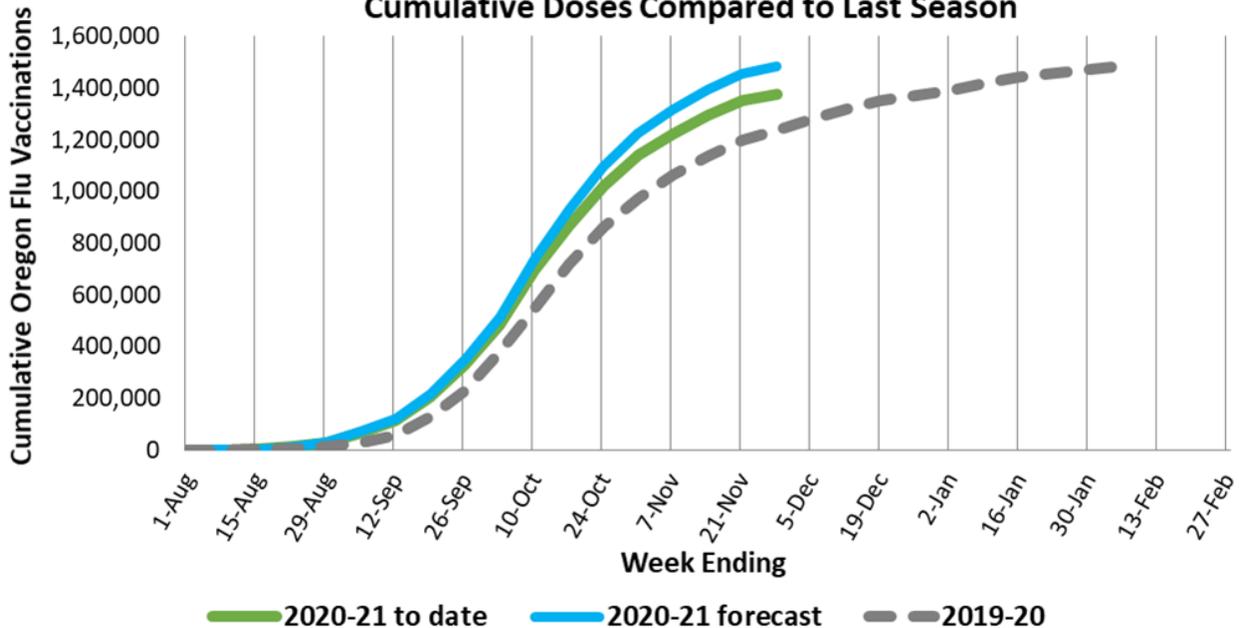


Figure 8. 2020-21 Influenza Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.2% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months and few specimens have tested positive in the public health labs during recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

Illness

- **ILINet Outpatient Illness:** 1.6% of visits to a health care provider were for ILI for a third consecutive week. This is below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week, four jurisdictions experienced low ILI activity and the remaining jurisdictions experienced minimal ILI activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be presented once case counts increase to a level that produces stable rates; in the interim, case counts will be reported each week.
- **P&I Mortality:** 14.3% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.5%. The majority of PIC deaths are due to COVID-19.
- **Pediatric Deaths:** The first influenza-associated pediatric death occurring during the 2020-2021 season was reported to CDC this week.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 49—Ending December 5, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance November 22—November 28, 2020 (Week 48)

	Current Week (48)	Previous Week (47)
Percentage of emergency department visits for ILI ¹	1.3%	1.3%
Percentage positive influenza tests ²	0.2%	0.2%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	125	150
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

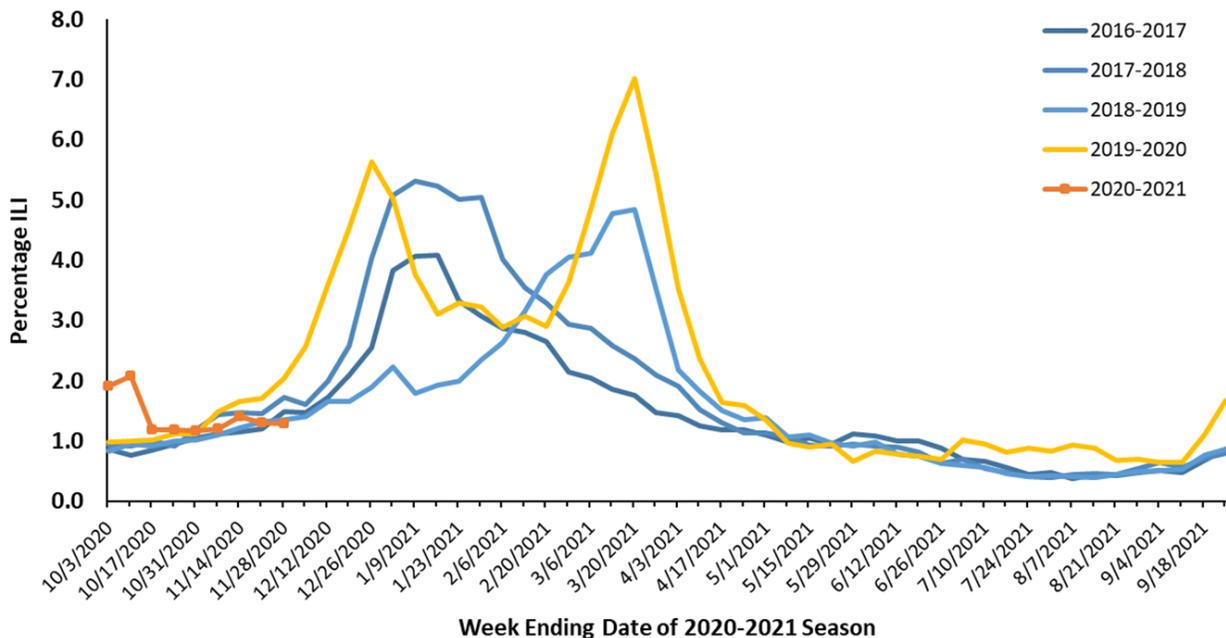
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 48, 2020.

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 0.2% of specimens tested at Oregon labs were positive for influenza during week 48, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

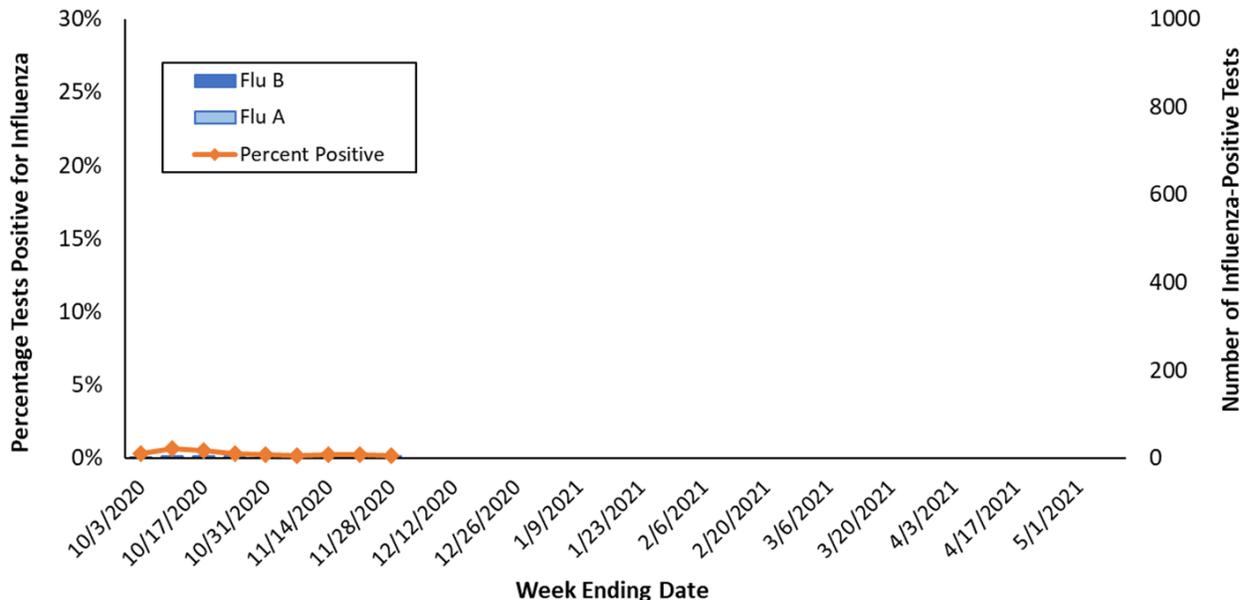
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

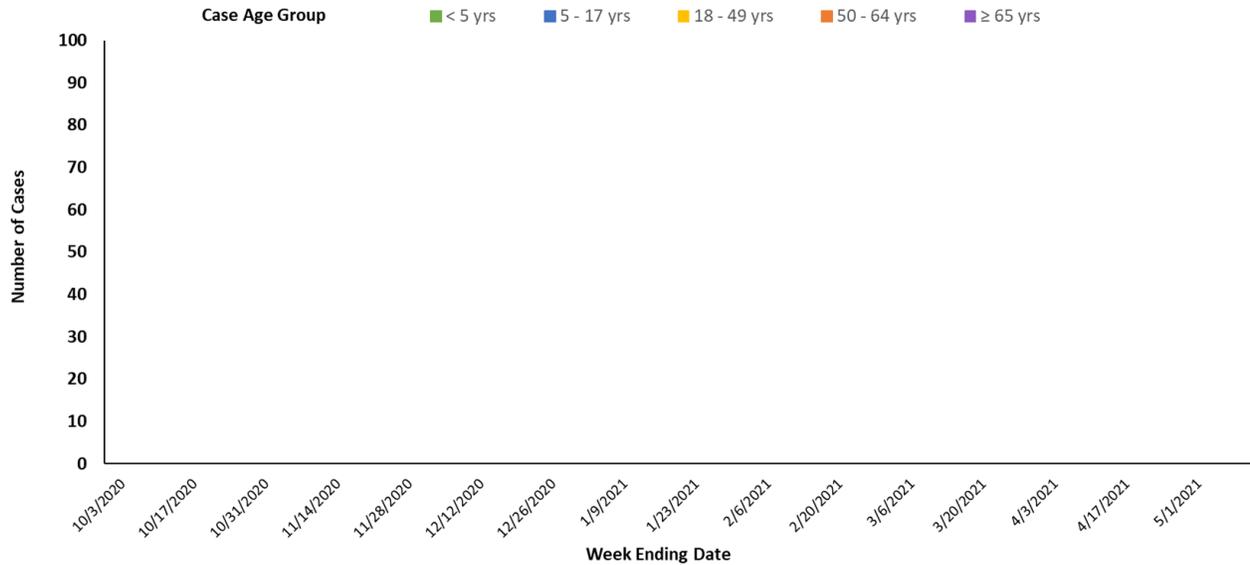
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1477	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	416	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	90	5	5.6%	1	20.0%	4	80.0%
Central Oregon	419	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	121	0	0.0%	0	0.0%	0	0.0%
State Total	2523	5	0.2%	1	20.0%	4	80.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



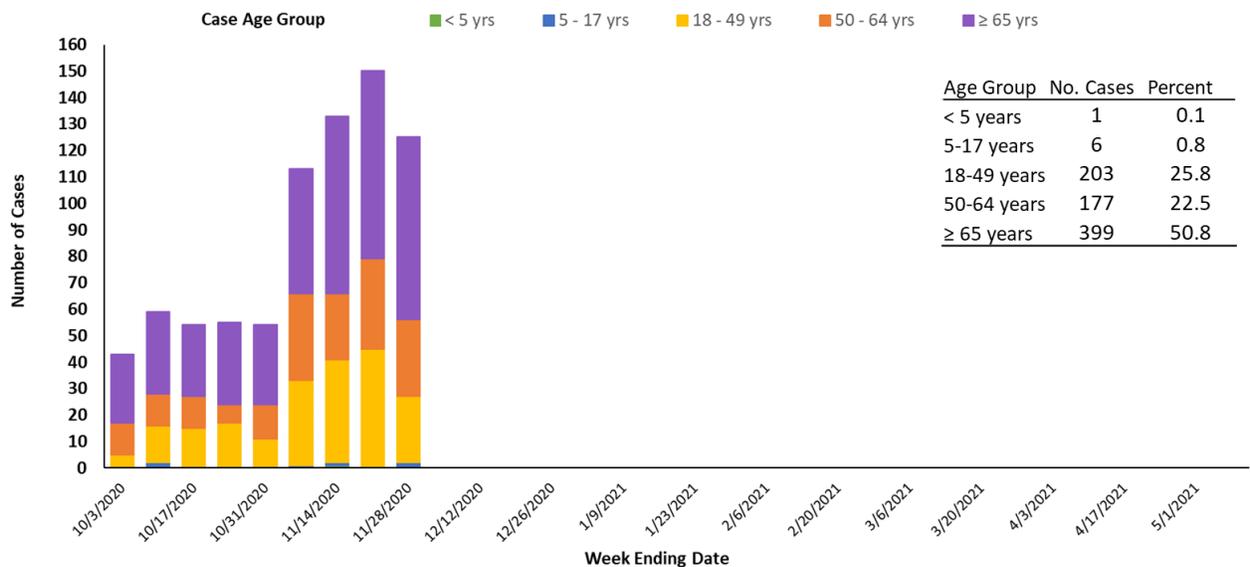
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 48 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



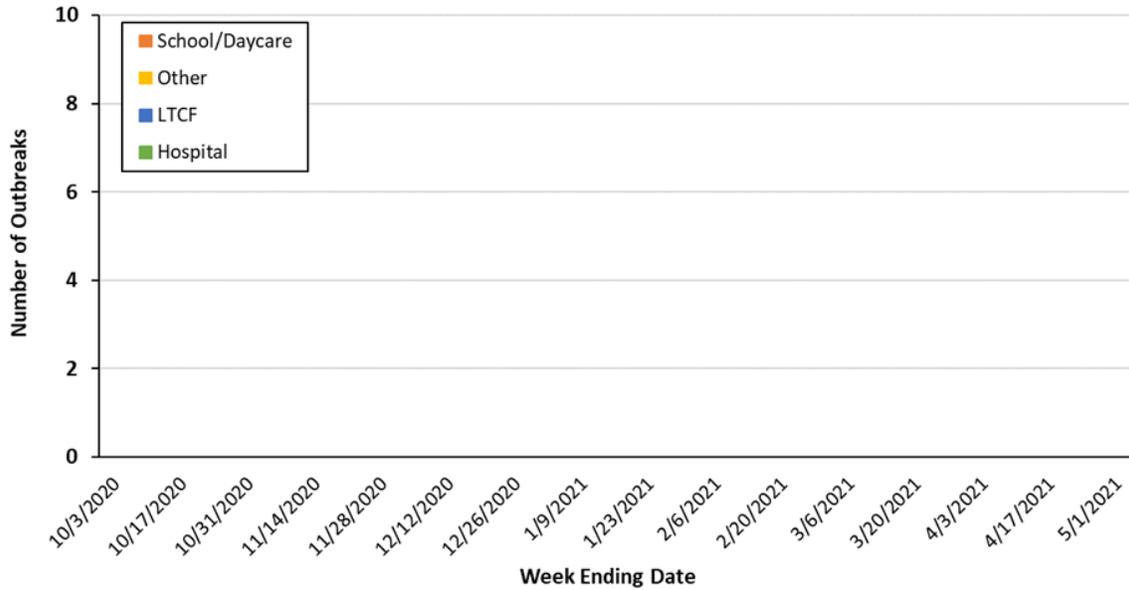
Portland Tri-County COVID-19 Hospitalizations: There were 125 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 48 of 2020. A total of 786 hospitalizations have been reported since Week 40 of 2020. Please note that data are preliminary and may be revised as more reports are received.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



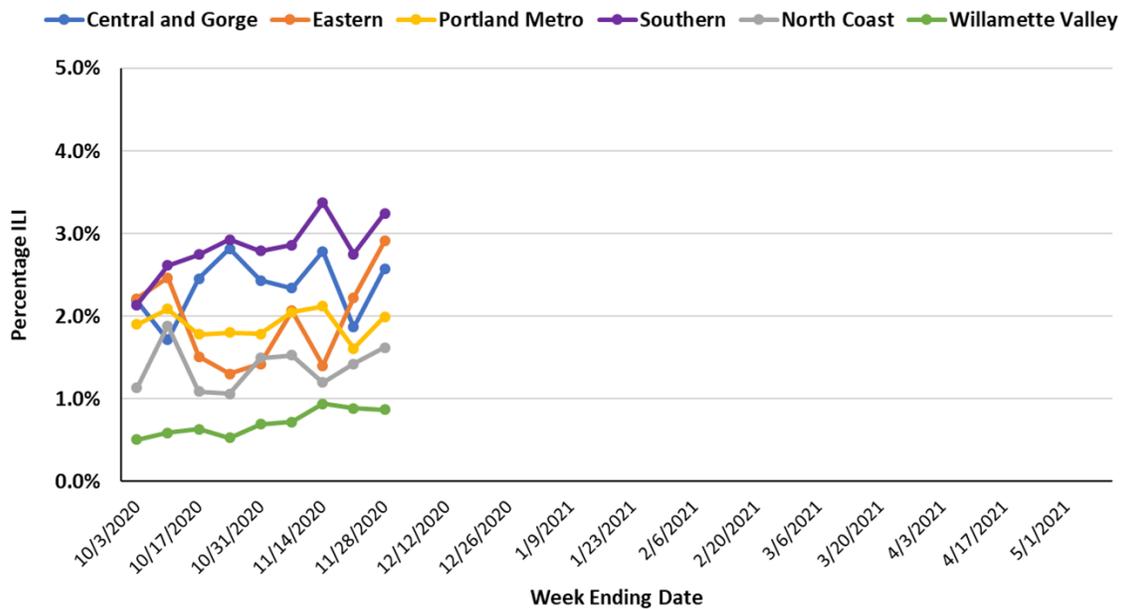
Influenza Outbreaks: There were no influenza outbreaks reported during Week 48, 2020 and none yet reported during in the 2020-2021 influenza season.

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 48 of 2020 was 2.1%. Regionally, the percent was highest in the Southern region areas (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, 2020-2021



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, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza season.

Vaccination Information: As of Nov. 28th (Epi Week 48), the pattern of new influenza immunizations in Oregon continues to closely follow last season. Typically, immunization seeking is low over Thanksgiving week, followed by a mild rebound into December. This season, National Influenza Vaccination Week (NIVW) starts on Dec. 6th and is expected to help drive new influenza immunizations in Oregon.

As a data note for this week, in all past seasons a strong gender difference has been observed in adult, non-senior influenza immunizations. Last season, 577,000 non senior adult influenza immunizations were reported to ALERT IIS by Thanksgiving week, with women receiving 60% of these immunizations. By Thanksgiving week this season, ALERT IIS had received reports of 642,000 influenza immunizations among non-senior adults, for an 11% increase in volume. For this season, the percentage of influenza immunizations given to non-senior women has not substantially changed at 59%, despite the increase in adult immunization volume.

Figure 7. 2020-21 Season Oregon Influenza Vaccine Doses in ALERT IIS by Week

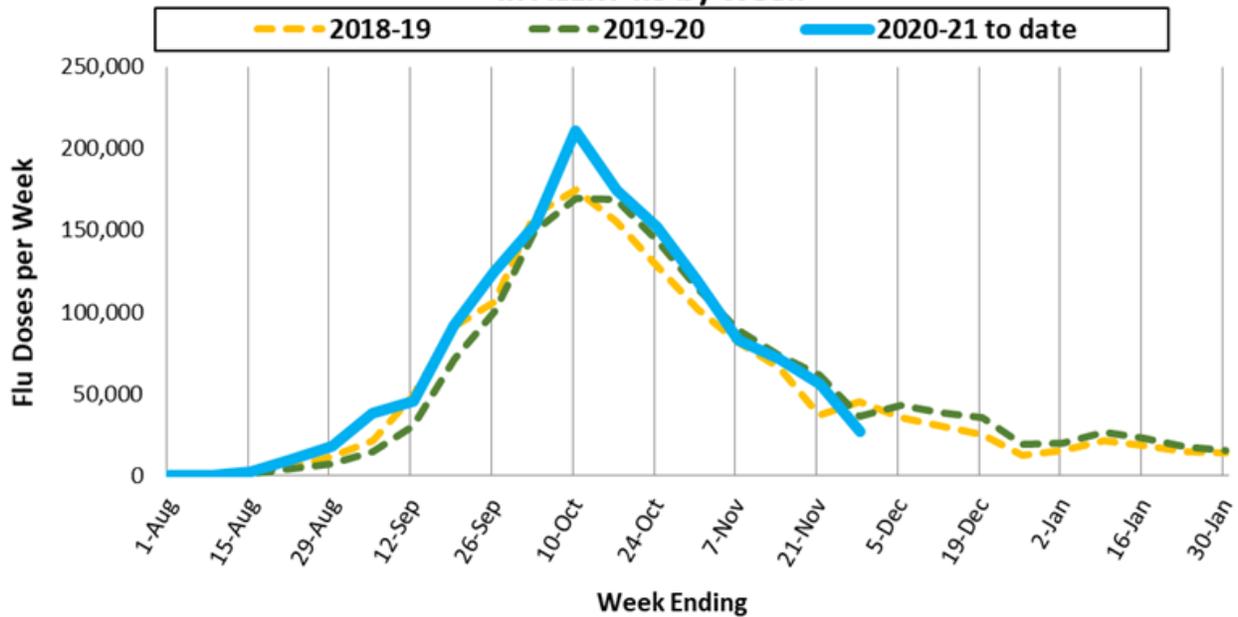
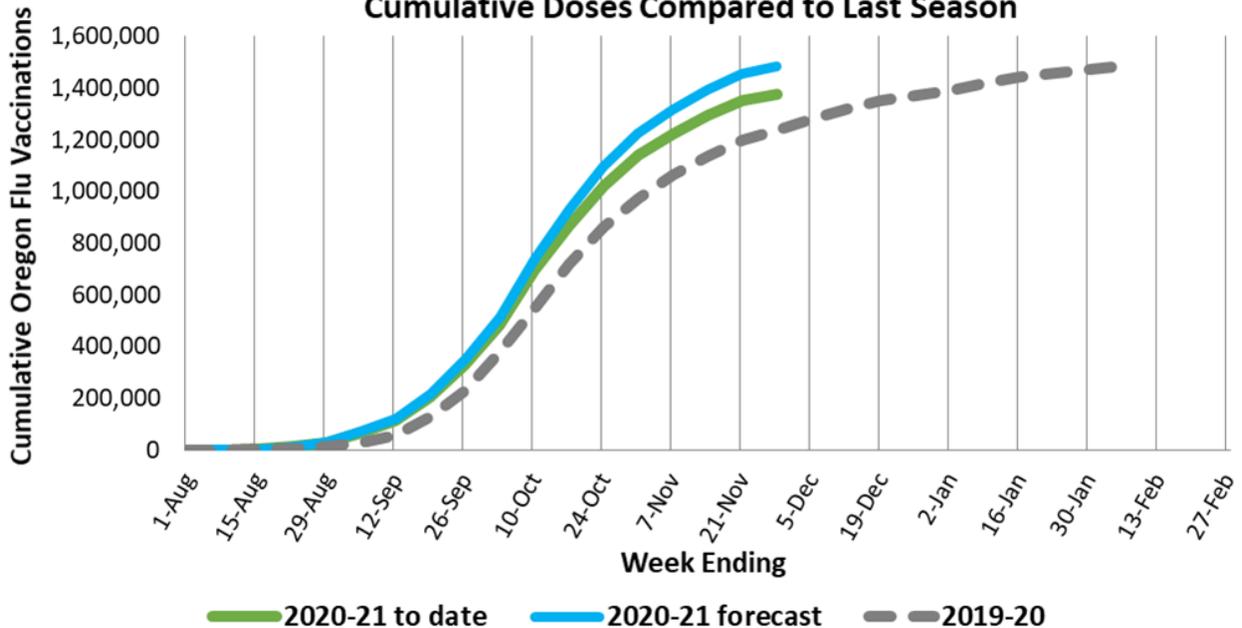


Figure 8. 2020-21 Influenza Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months and few specimens have tested positive in the public health labs during recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

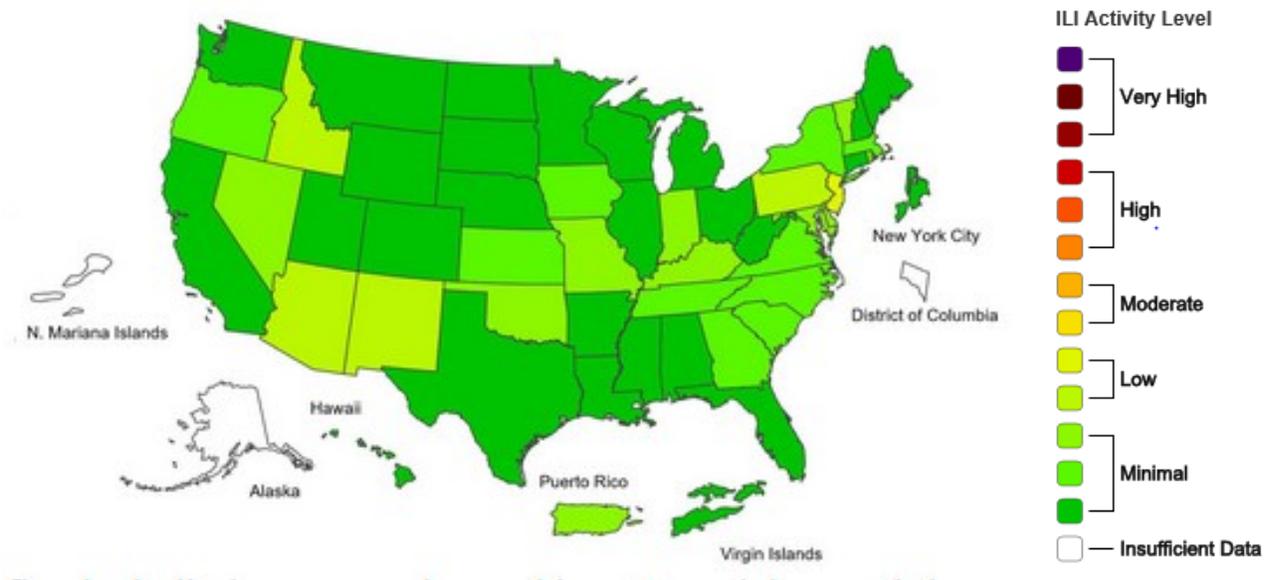
Illness

- **ILINet Outpatient Illness:** 1.6% of visits to a health care provider were for ILI, similar to the previous week (1.6%). ILI activity remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week, five jurisdictions experienced low ILI activity and the remaining jurisdictions experienced minimal ILI activity. ILI activity levels may be impacted by the COVID-19 pandemic and should be interpreted with caution.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 12.8% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.4%.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2020-21 season were reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 48—Ending November 28, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance November 15—November 21, 2020 (Week 47)

	Current Week (47)	Previous Week (46)
Percentage of emergency department visits for ILI ¹	1.3%	1.4%
Percentage positive influenza tests ²	0.2%	0.2%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	127	122
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

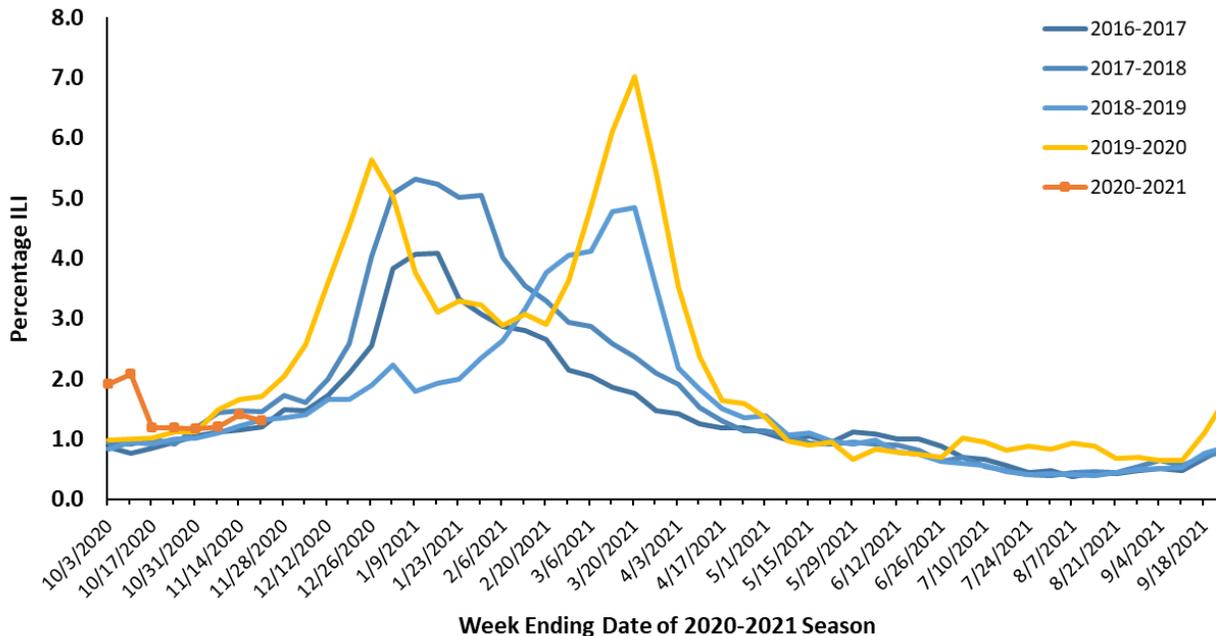
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 three influenza seasons. The percent of ED visits for ILI in all of Oregon was 1.3% during week

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 0.2% of specimens tested at Oregon labs were positive for influenza during week 47, and the bar chart displays the number of influenza-positive tests by influenza type and percent positivity.

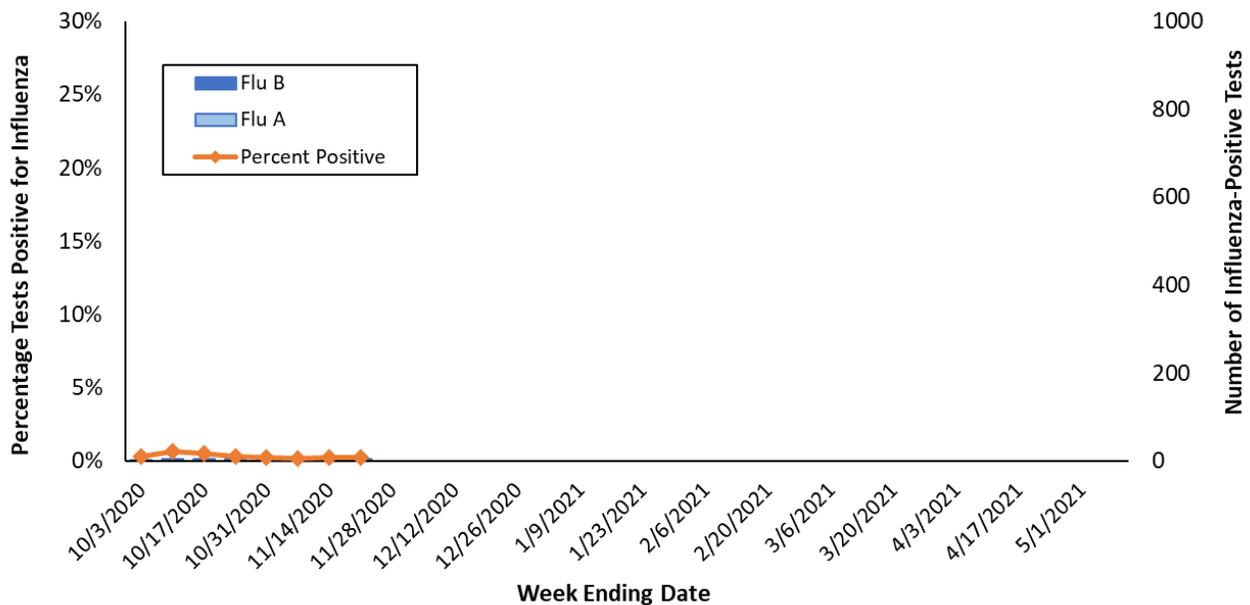
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

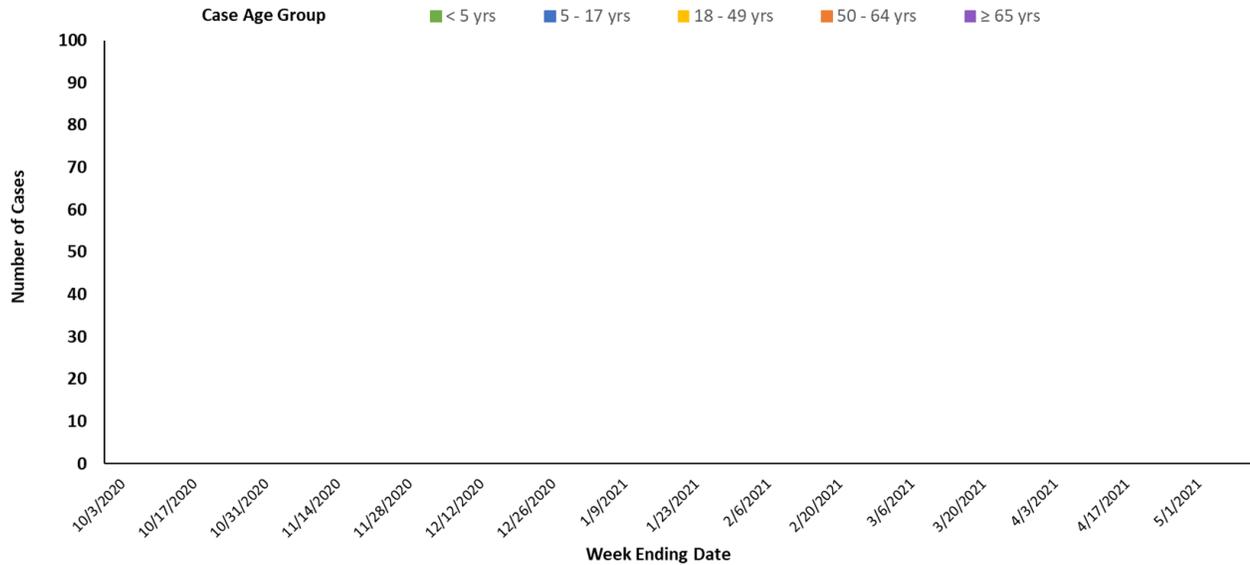
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1477	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	416	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	90	5	5.6%	1	20.0%	4	80.0%
Central Oregon	419	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	121	0	0.0%	0	0.0%	0	0.0%
State Total	2523	5	0.2%	1	20.0%	4	80.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



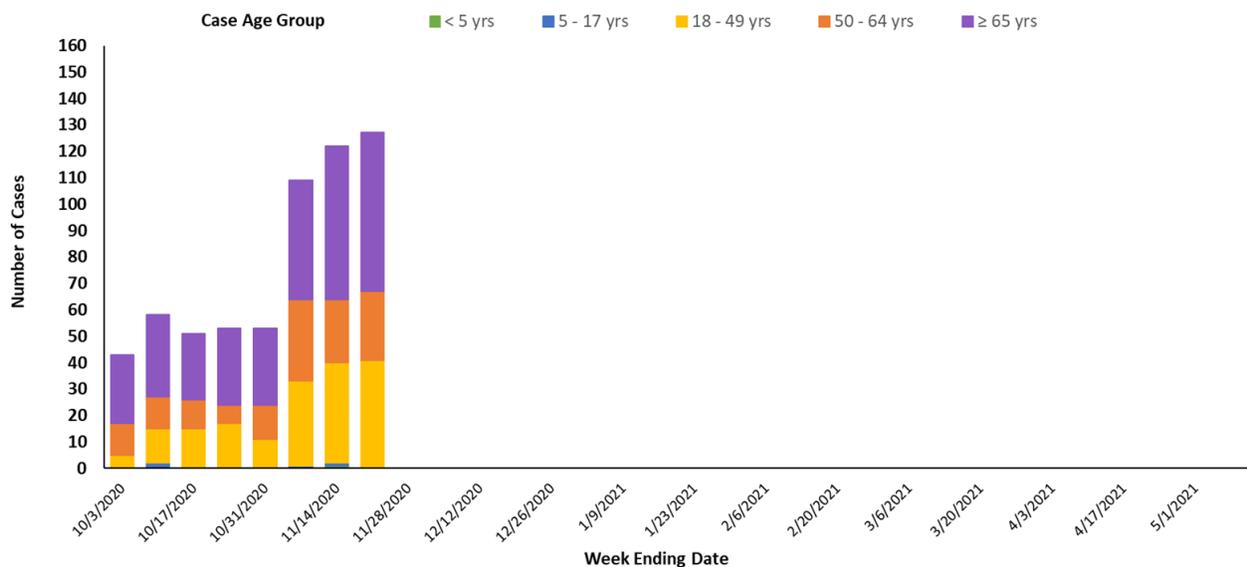
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 47 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



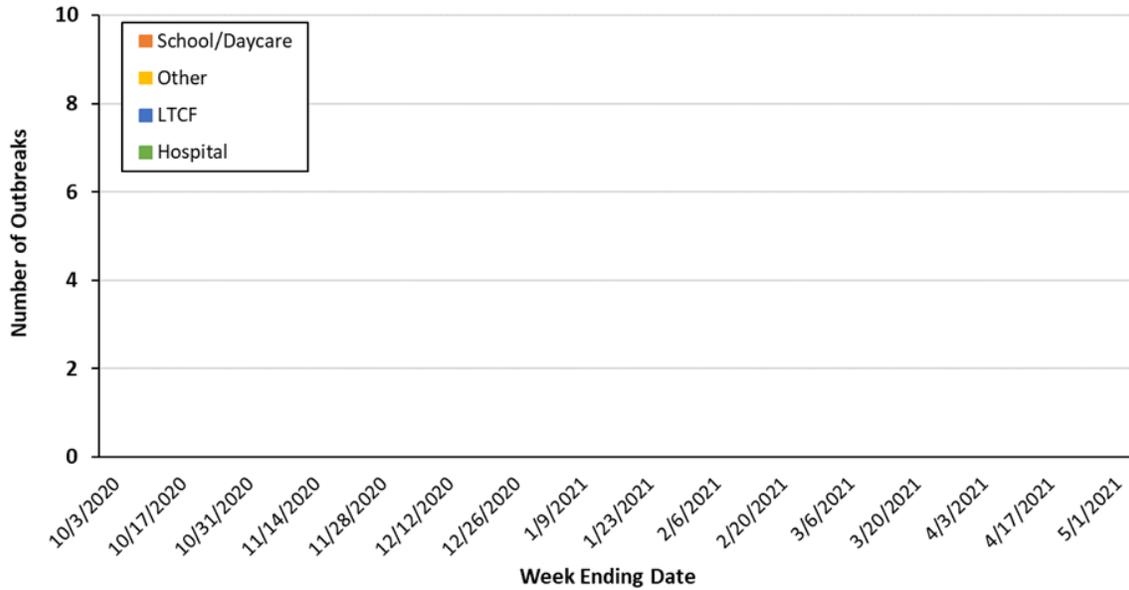
Portland Tri-County COVID-19 Hospitalizations: There were 127 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 47 of 2020. A total of 616 hospitalizations have been reported since Week 40 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



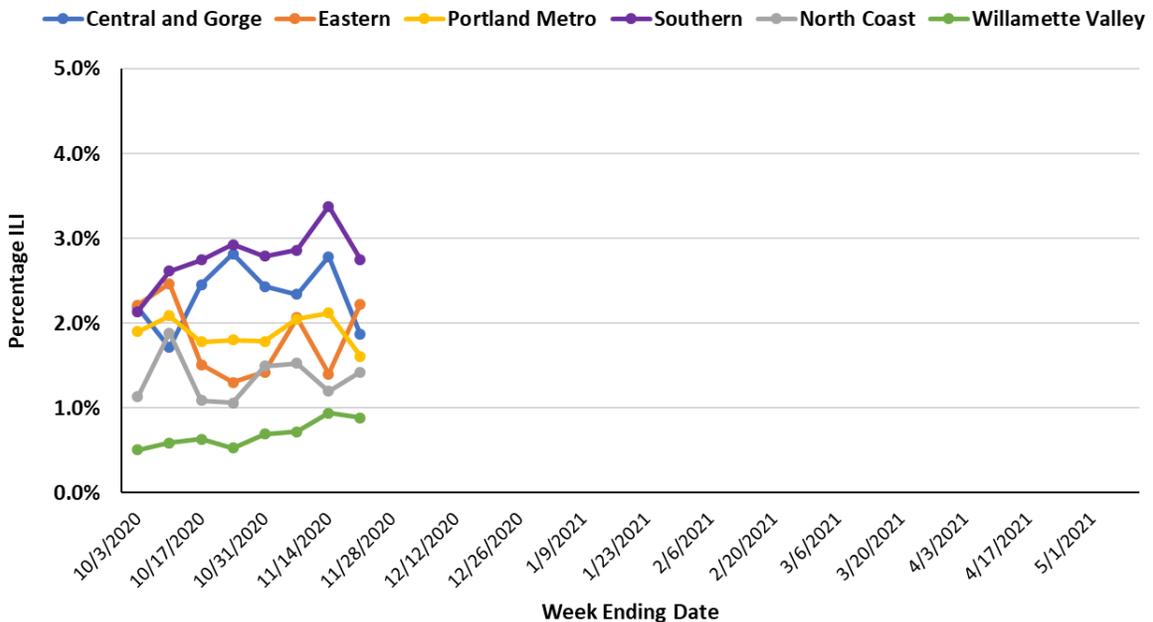
Influenza Outbreaks: There were no influenza outbreaks reported during Week 47, 2020 and none yet reported during in the 2020-2021 influenza season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2020-2021 Season



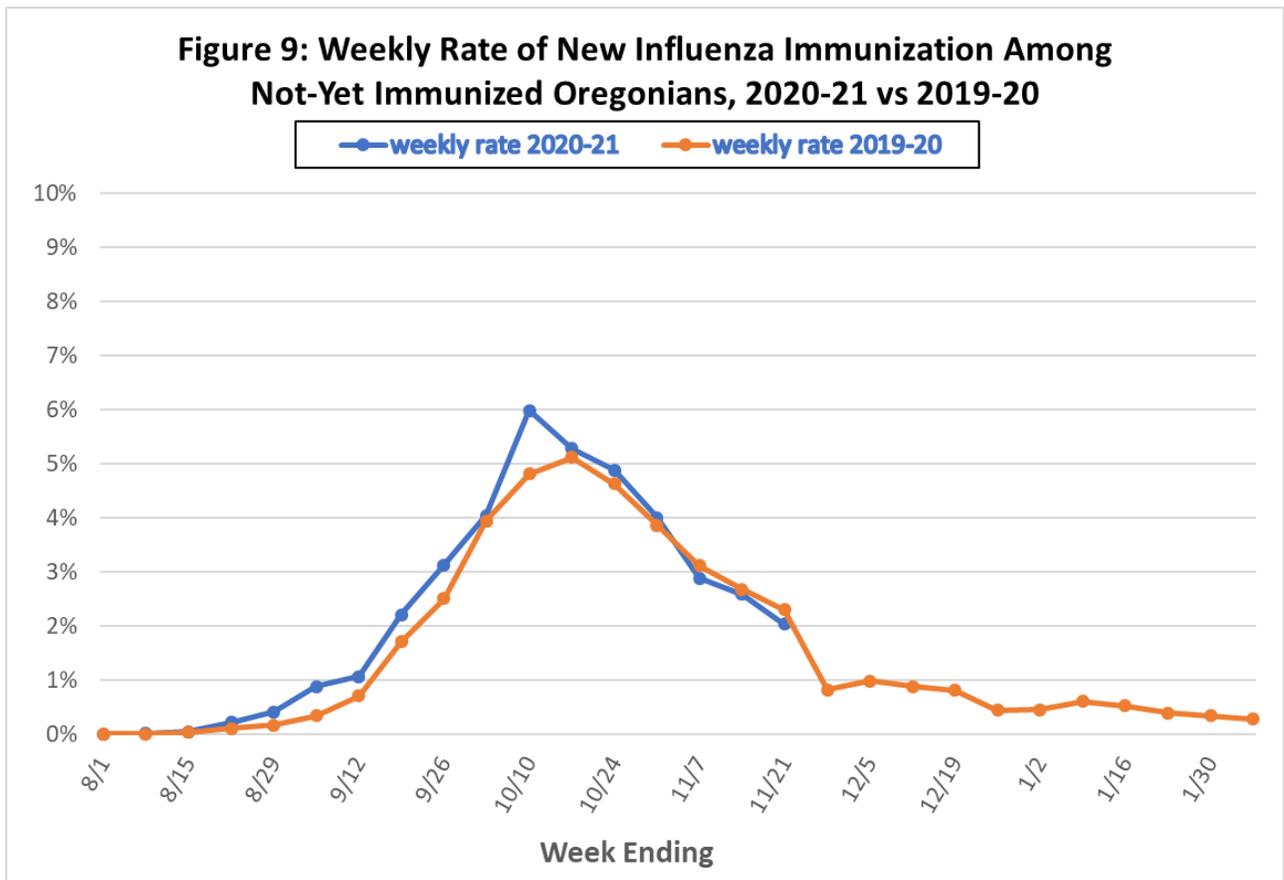
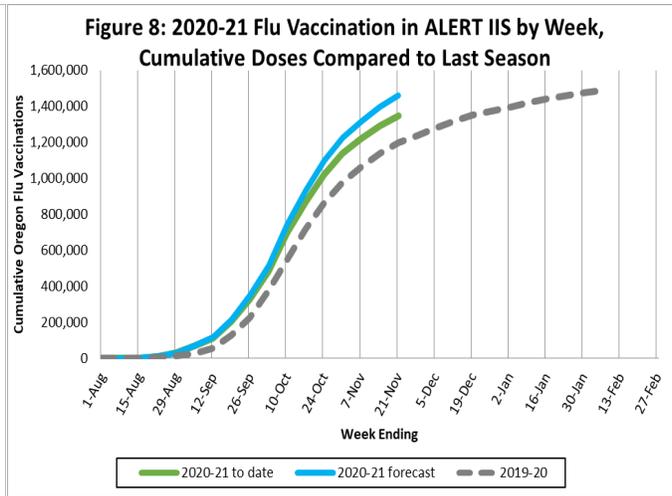
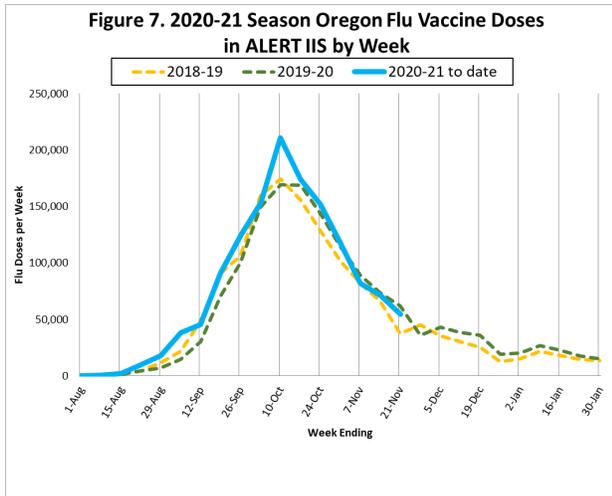
Outpatient Influenza-like Illness Surveillance: Oregon’s outpatient influenza-like illness (ILI) surveillance comprises 16 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 47 of 2020 was 1.7%. Regionally, the percent was highest in the Southern region areas (2.8%) and lowest in the Willamette Valley (0.9%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



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, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 influenza

Vaccination Information: As of Nov 21st, 2020, almost 1.5 million influenza immunizations have been reported this season to the ALERT Immunization Information System. Starting in late October, weekly totals for new influenza immunizations closely matched to the prior season totals. In prior seasons, the rate of new influenza immunizations per week among the unimmunized population drops from Thanksgiving into December to around 1% per week. A challenge this season for providers, with National Influenza Immunization Week upcoming (Dec 6th-13th) is keep new influenza immunization rates up through December.



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.2% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months and few specimens have tested positive in the public health labs during weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

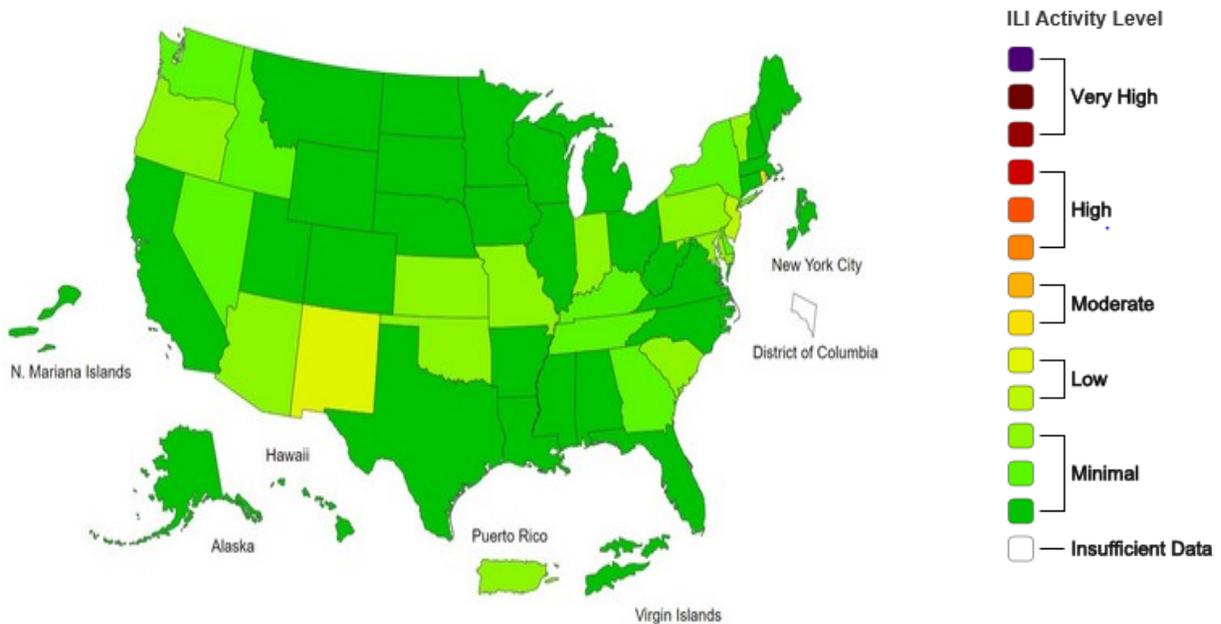
Illness

- **ILINet Outpatient Illness:** 1.6% of visits to a health care provider were for ILI, similar to the previous week (1.5%). ILI activity remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week, one jurisdiction experienced moderate ILI activity, two jurisdictions experienced low activity, and the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 11.3% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.3%.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2020-21 season were reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 47—Ending November 21, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 influenza within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

Data at a Glance November 8—November 14, 2020 (Week 46)

	Current Week (46)	Previous Week (45)
Percentage of emergency department visits for ILI ¹	1.4%	1.2%
Percentage positive influenza tests ²	0.2%	0.1%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	95	106
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

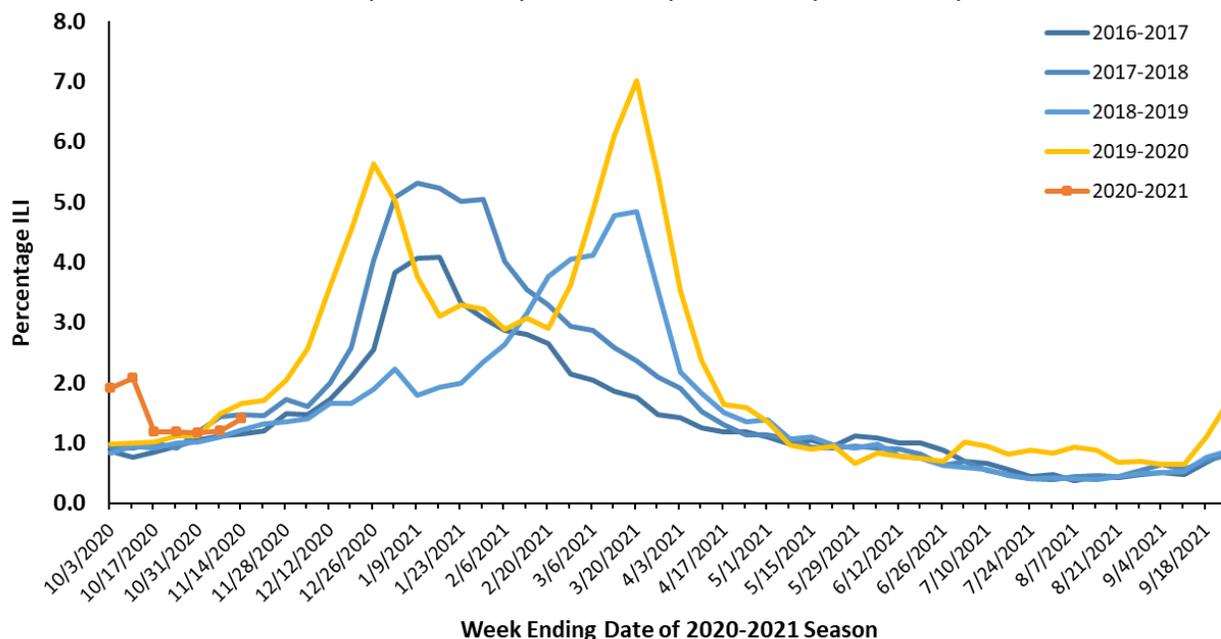
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 1.4% during week 46, 2020.

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 0.2% of specimens tested at Oregon labs were positive for influenza during week 46, and the bar chart displays the number of influenza-positive tests by flu type and percent positivity.

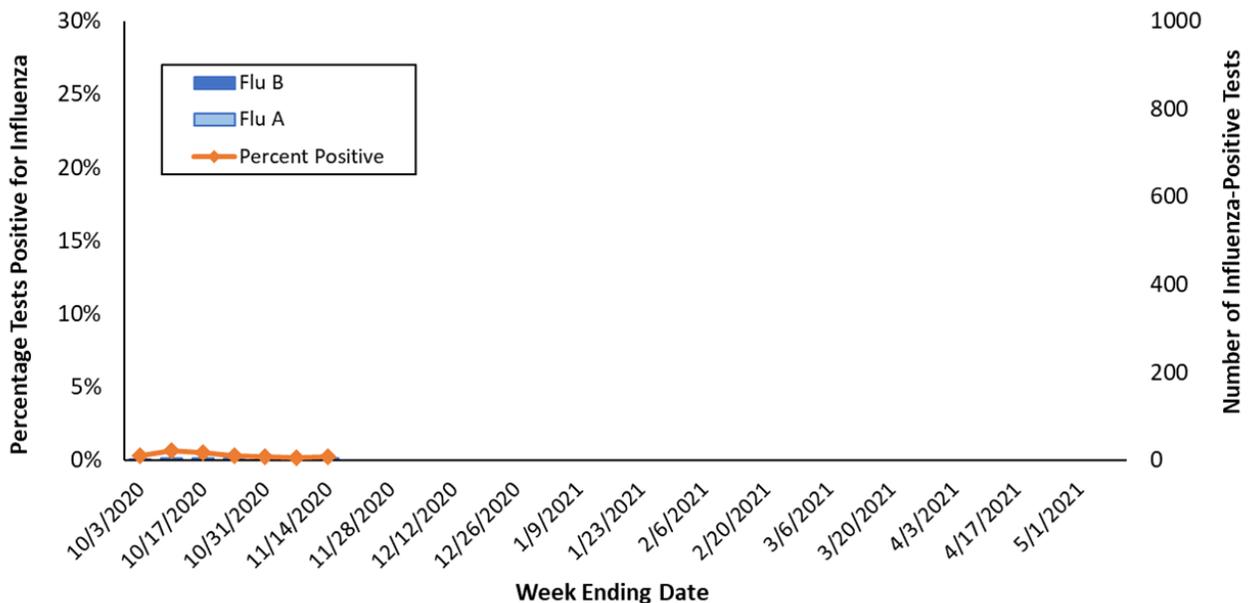
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

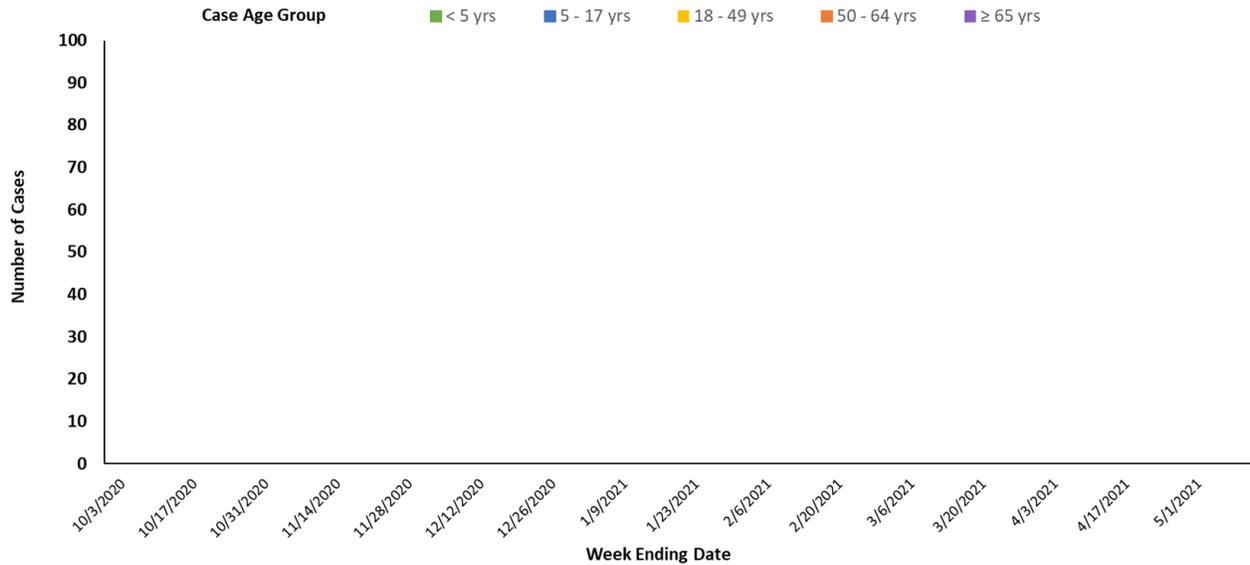
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	1188	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	261	2	0.8%	1	0.0%	1	0.0%
Columbia Gorge	73	0	0.0%	0	0.0%	0	0.0%
Central Oregon	317	1	0.3%	0	0.0%	1	0.0%
Willamette Valley	112	1	0.9%	0	0.0%	1	0.0%
State Total	1951	4	0.2%	1	25.0%	3	75.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



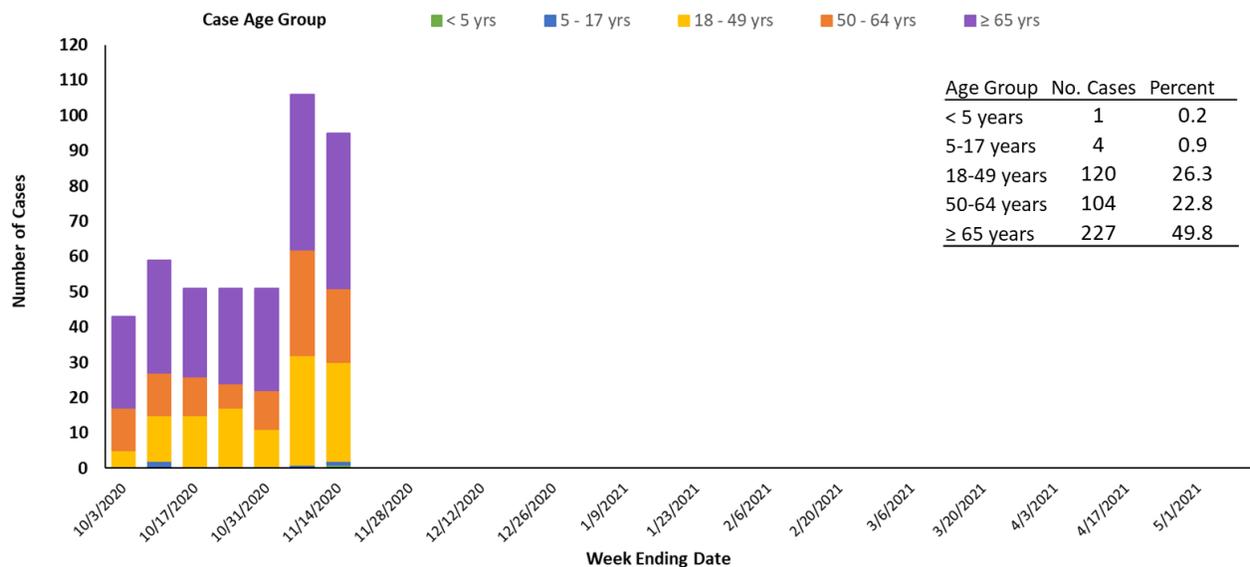
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 46 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



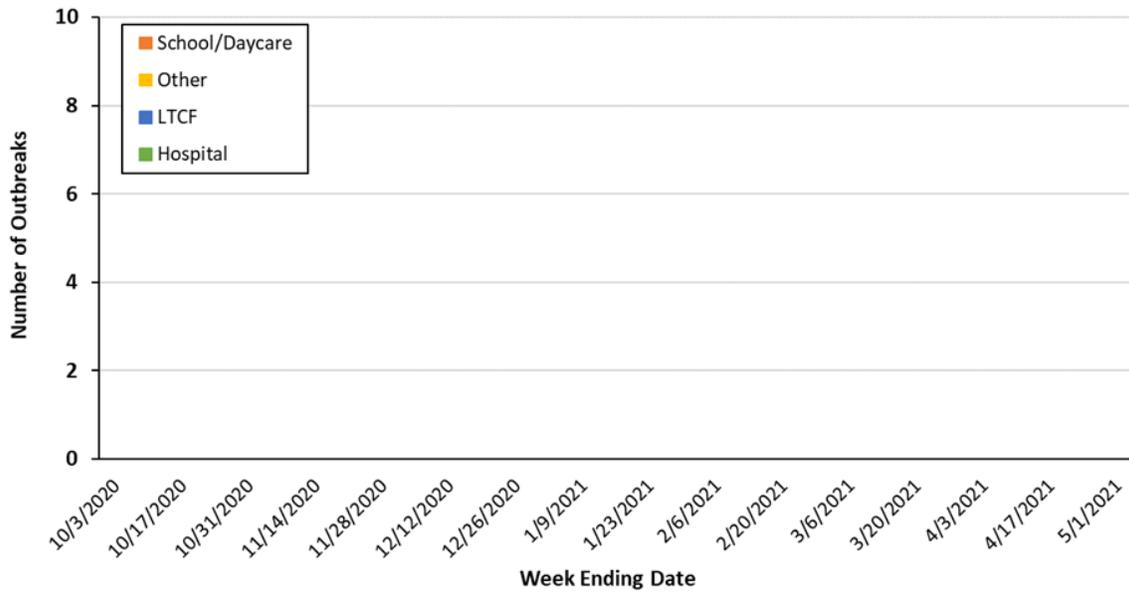
Portland Tri-County COVID-19 Hospitalizations: There were 95 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 46 of 2020. A total of 456 hospitalizations have been reported since Week 40 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



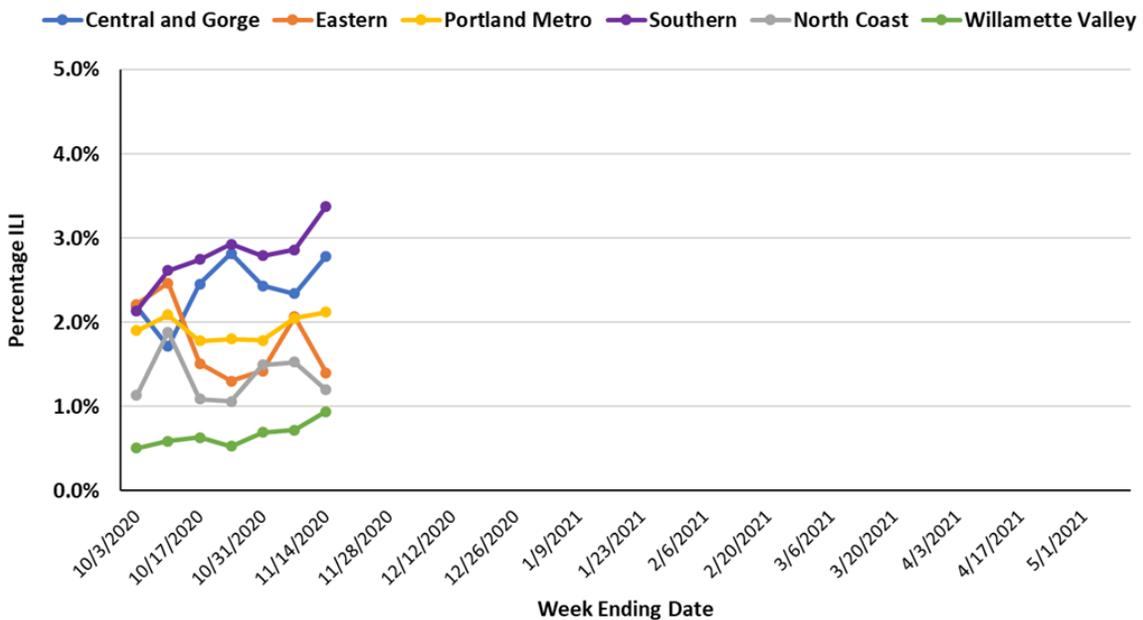
Influenza Outbreaks: There were no influenza outbreaks reported during Week 46, 2020 and none yet reported during in the 2020-2021 flu season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2020-2021 Season



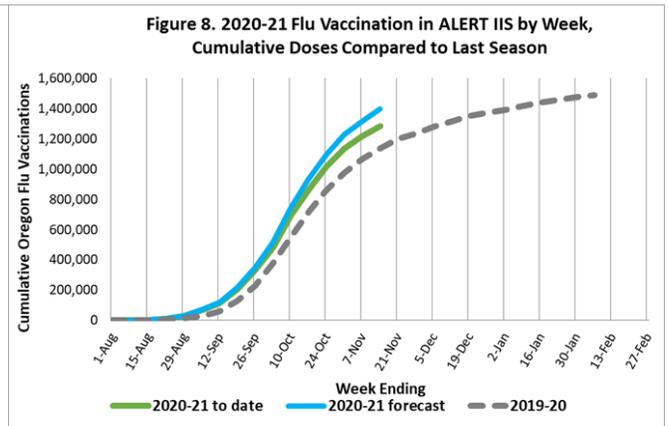
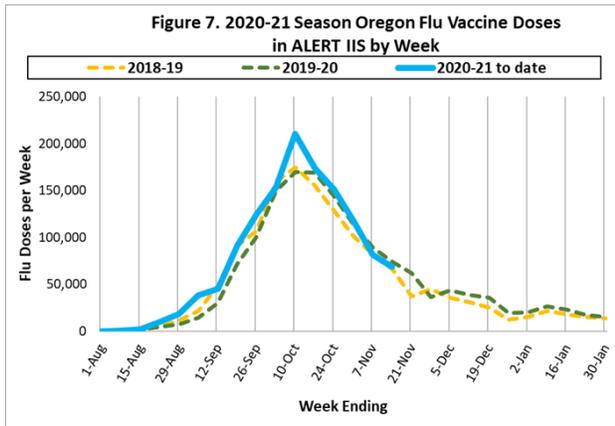
Outpatient Influenza-like Illness Surveillance: Oregon’s outpatient influenza-like illness (ILI) surveillance comprises 17 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 46 of 2020 was 2.1%. Regionally, the percent was highest in the Southern region areas (3.4%) and lowest in the Willamette Valley (0.9%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021

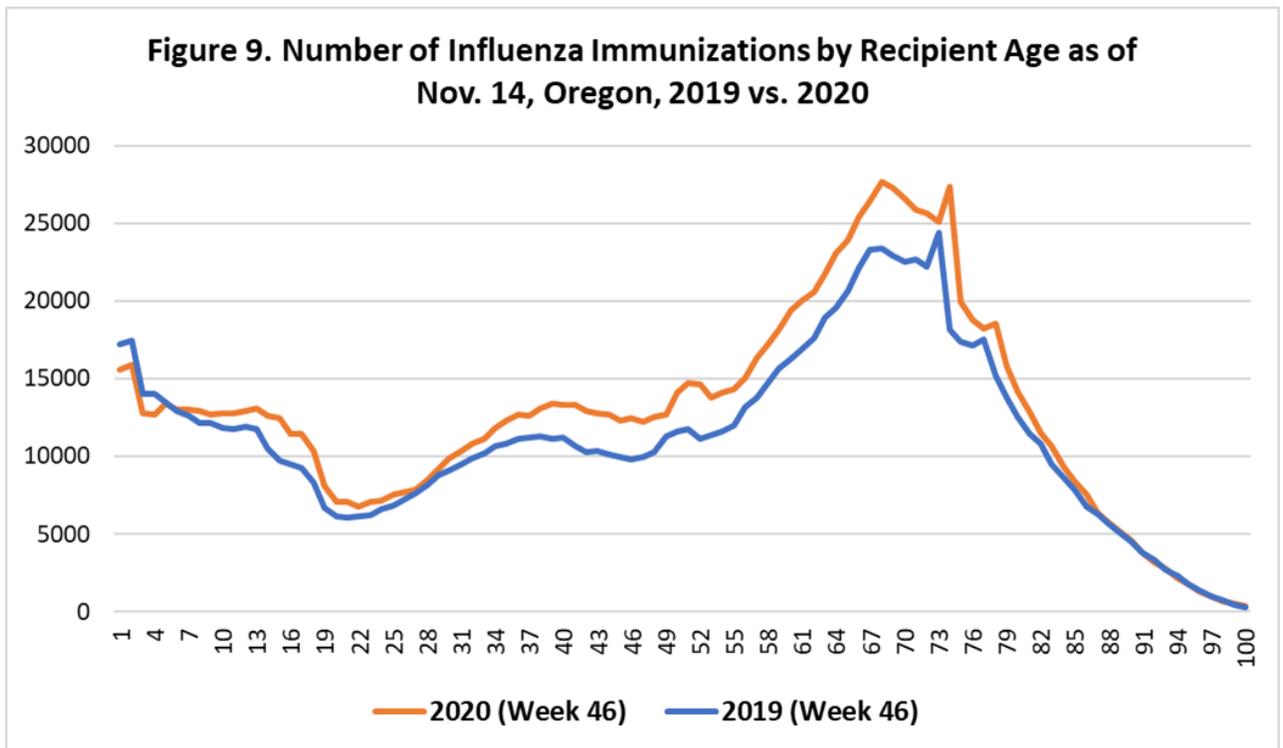


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 45, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: As of Nov 14th, 2020 (Epi Week 46), weekly influenza immunizations are declining into the Thanksgiving holiday as observed in past seasons. It is expected that weekly influenza immunizations will decline through November, and then increase again in early December.



This week we are including a chart comparing the number of influenza immunizations given this season to last season at this time, by year of age. So far there is a strong increase for seniors and middle-aged adults compared to last season. Older children and adolescents also have increased the number of influenza immunizations received, aided by a higher use of pharmacies for immunizations. Influenza immunizations for younger children however have declined compared to last season. This early childhood decline is consistent with an overall drop in early childhood immunization visits to clinics post-COVID-19 that the Oregon Immunization has tracked since March of 2020.



US Data (from CDC FluView): Seasonal influenza activity in the United States remains lower than usual for this time of year.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.2% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months and few specimens have tested positive in the public health labs during weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

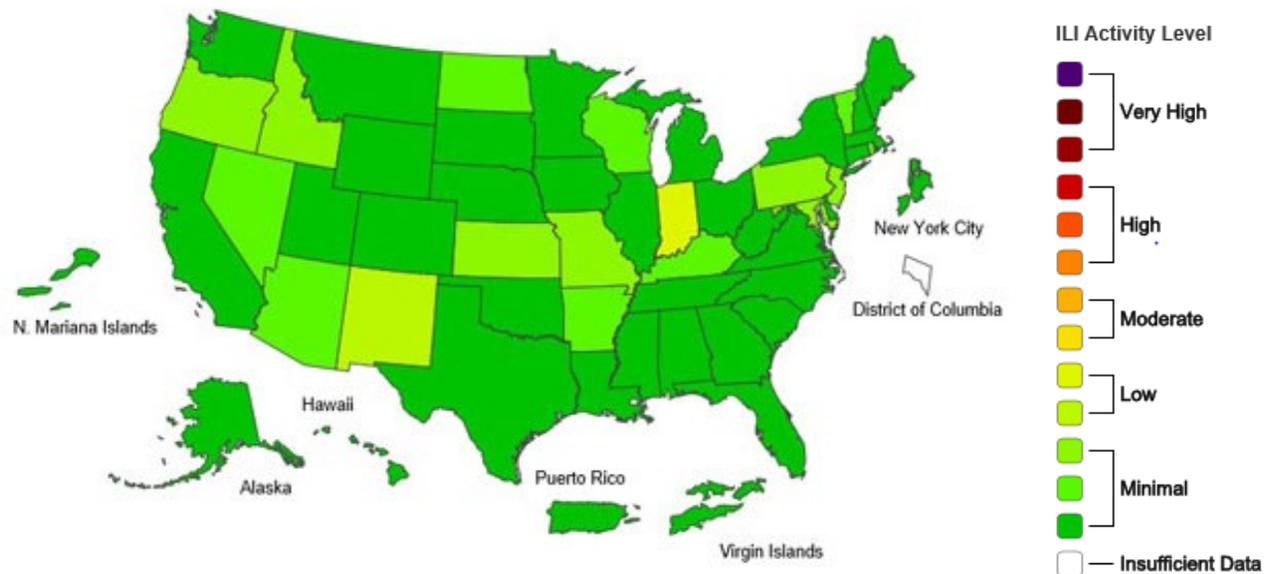
Illness

- **ILINet Outpatient Illness:** 1.5% of visits to a health care provider were for ILI, the same as the previous week (1.5%). ILI activity remains below the national baseline of 2.6%. ILI surveillance may be impacted by the COVID-19 pandemic and should be interpreted with caution.
- **ILINet Activity Map:** This week, one jurisdiction experienced very high ILI activity, four experienced low activity, and the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 8.9% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.1%.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2019-20 season were reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 46—Ending November 14, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 November 1—November 7, 2020 (Week 45)

	Current Week (45)	Previous Week (44)
Percentage of emergency department visits for ILI ¹	1.2%	1.2%
Percentage positive influenza tests ²	0.1%	0.2%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	60	53
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.0%

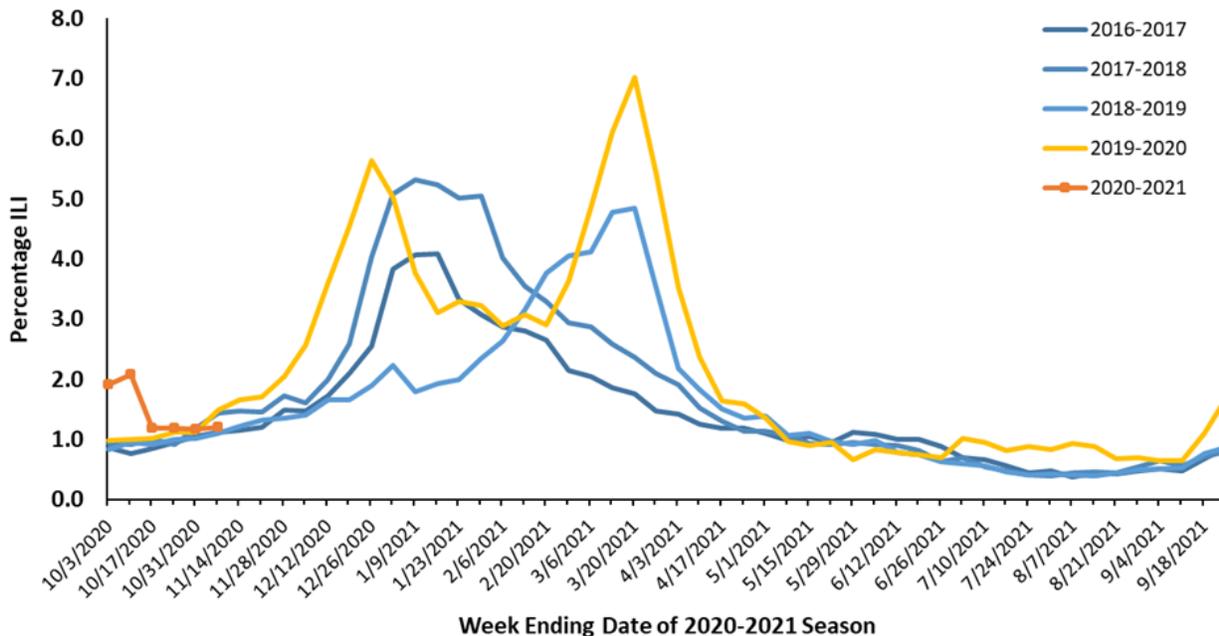
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 1.2% during week 45, 2020.

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 0.1% of specimens tested at Oregon labs were positive for influenza during week 45, and the bar chart displays the number of influenza-positive tests by flu type and percent positivity.

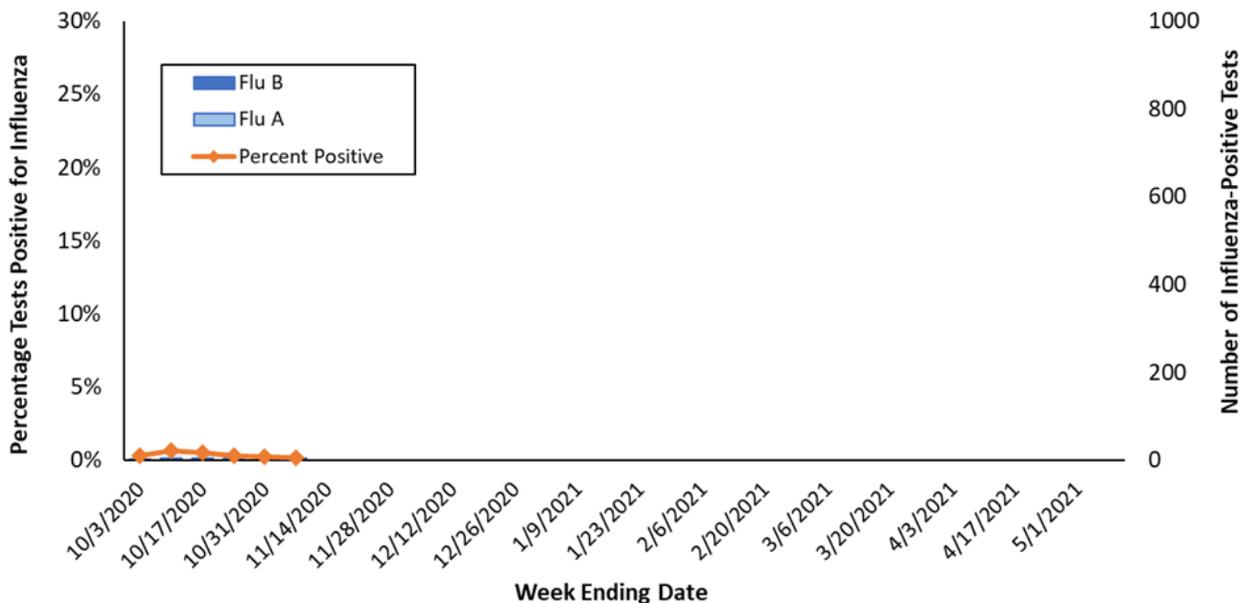
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

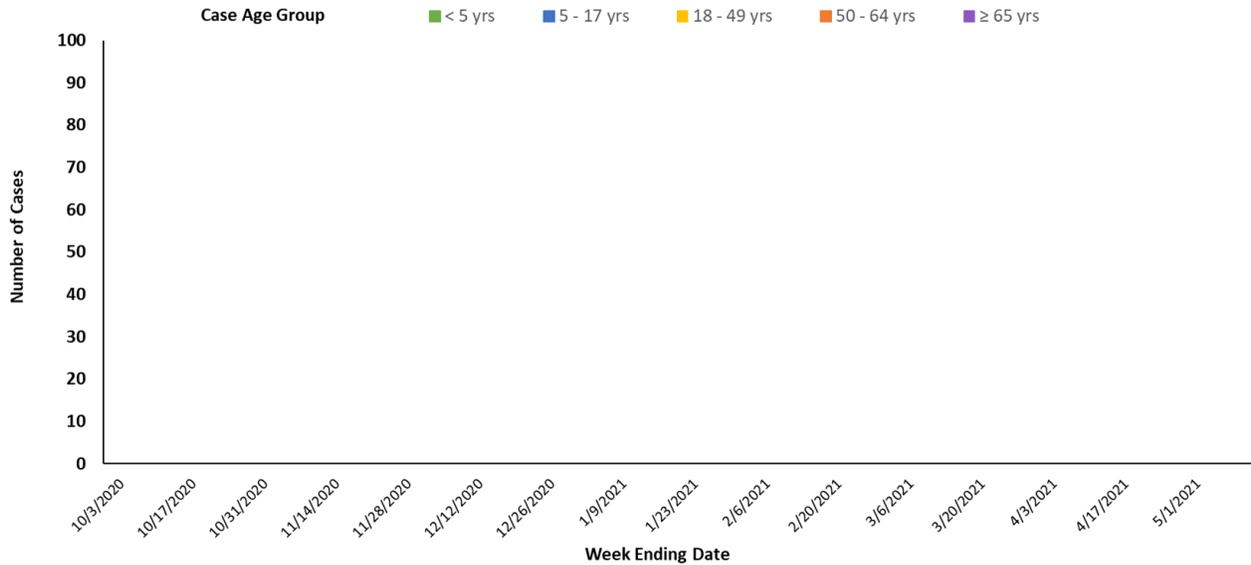
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	893	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	224	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	47	0	0.0%	0	0.0%	0	0.0%
Central Oregon	140	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	90	2	2.2%	1	0.0%	1	0.0%
State Total	1394	2	0.1%	1	50.0%	1	50.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



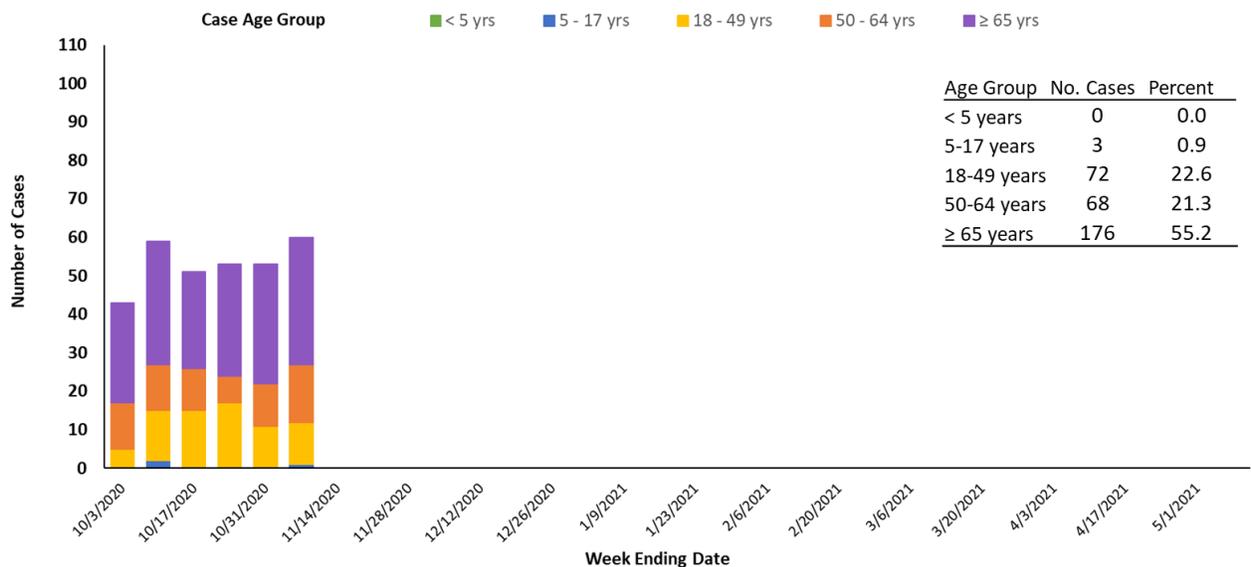
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 45 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



Portland Tri-County COVID-19 Hospitalizations: There were 60 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 45 of 2020. A total of 319 hospitalizations have been reported since Week 40 of 2020.

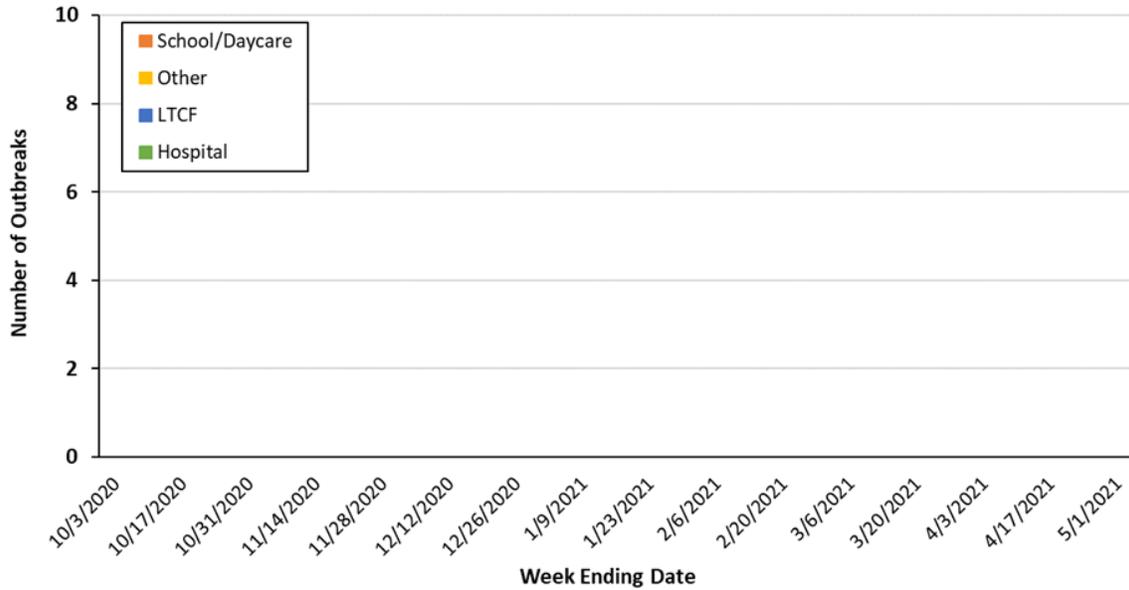
Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



Age Group	No. Cases	Percent
< 5 years	0	0.0
5-17 years	3	0.9
18-49 years	72	22.6
50-64 years	68	21.3
≥ 65 years	176	55.2

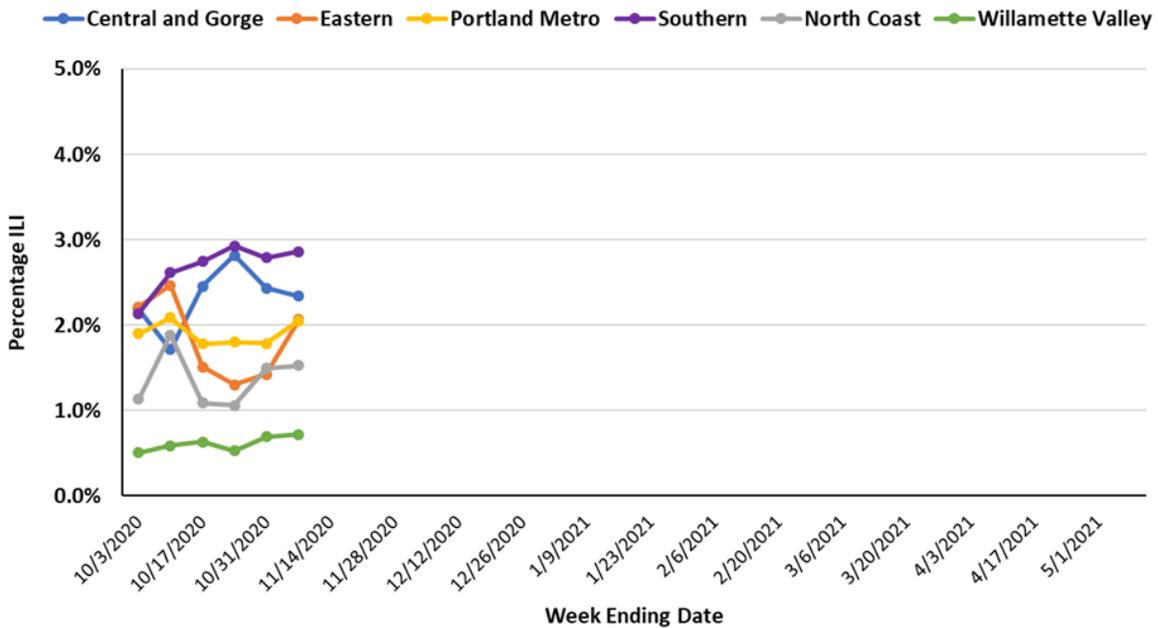
Influenza Outbreaks: There were no influenza outbreaks reported during Week 45, 2020 and none yet reported during in the 2020-2021 flu season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2020-2021 Season



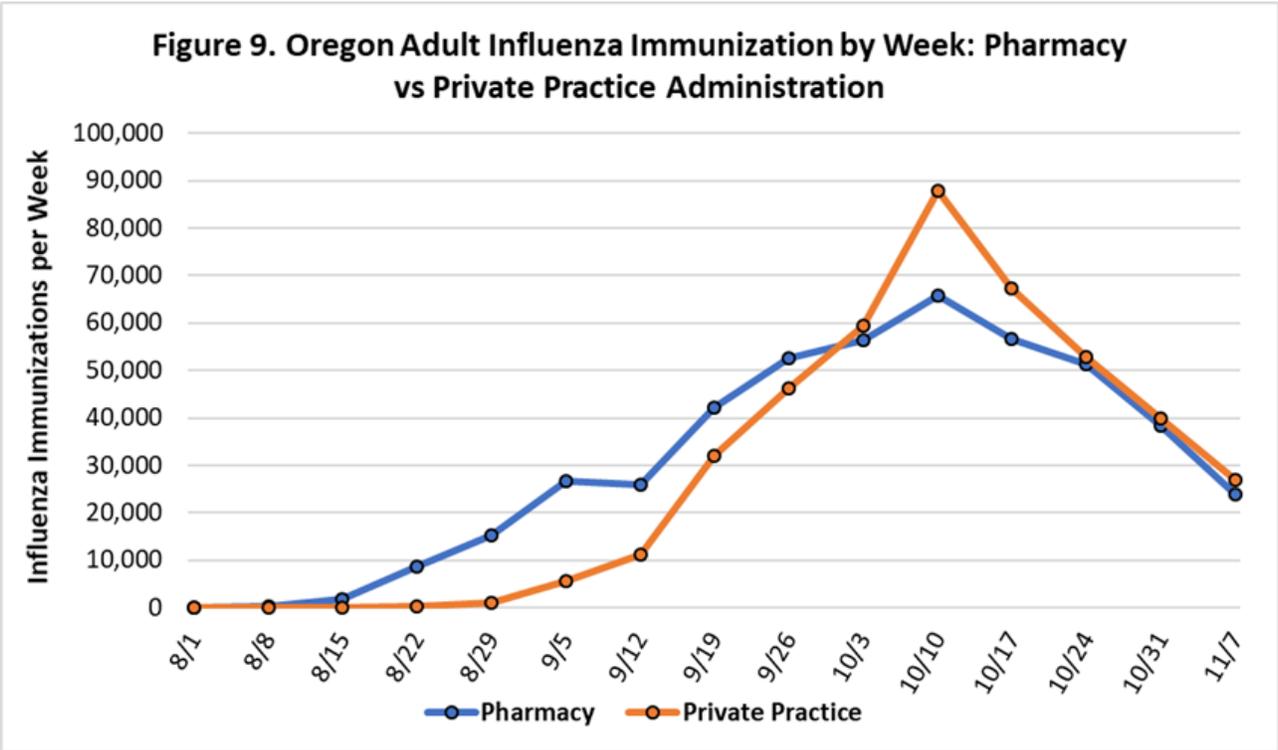
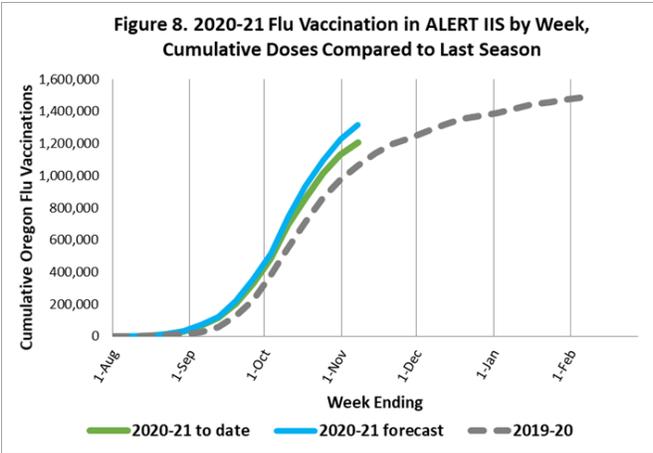
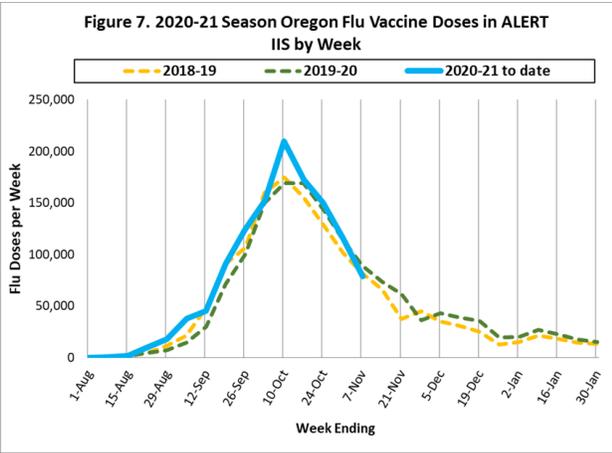
Outpatient Influenza-like Illness Surveillance: Oregon’s outpatient influenza-like illness (ILI) surveillance comprises 17 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 45 of 2020 was 2.0%. Regionally, the percent was highest in the Southern region areas (2.9%) and lowest in the Willamette Valley (0.7%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 45, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: As of November 7, 2020 (Epi Week 45), the pattern of new influenza immunizations in Oregon is closely following that of last season. In the early season, substantially more influenza immunizations were given than last season. To date, the Oregon ALERT Immunization Information System has received reports for almost 1.3 million influenza immunizations. For this week, we are including a chart of adult pharmacy vs private practice usage for influenza immunization. Pharmacies had a strong role in early-season influenza immunization, while private practices (as doctor's offices & clinics) contributed more to the October peak of immunization.



Data at a Glance October 25—October 31, 2020 (Week 44)

	Current Week (44)	Previous Week (43)
Percentage of emergency department visits for ILI ¹	1.2%	1.2%
Percentage positive influenza tests ²	0.2%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	50	51
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.2%

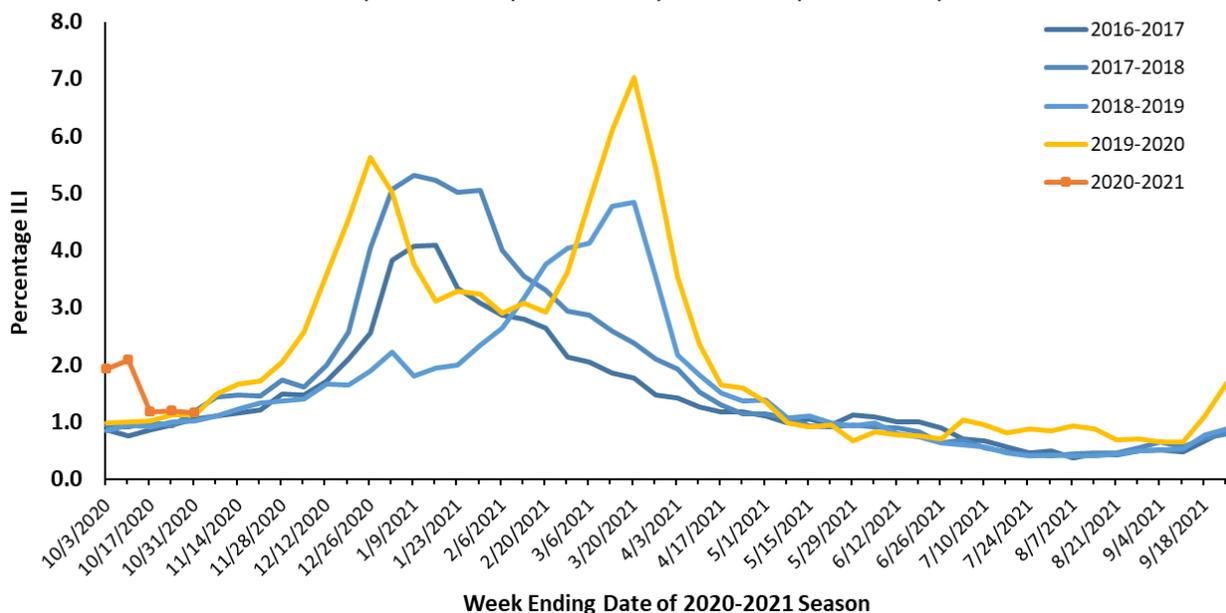
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 1.2% during week 44, 2020.

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 0.2% of specimens tested at Oregon labs were positive for influenza during week 44, and the bar chart displays the number of influenza -positive tests by flu type and percent positivity.

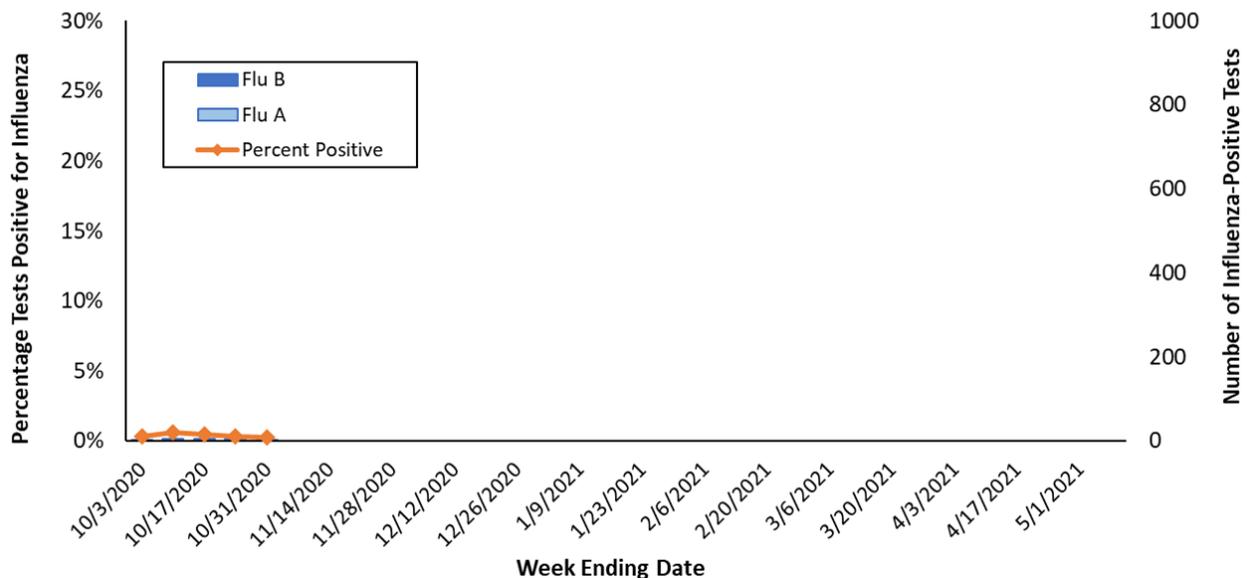
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

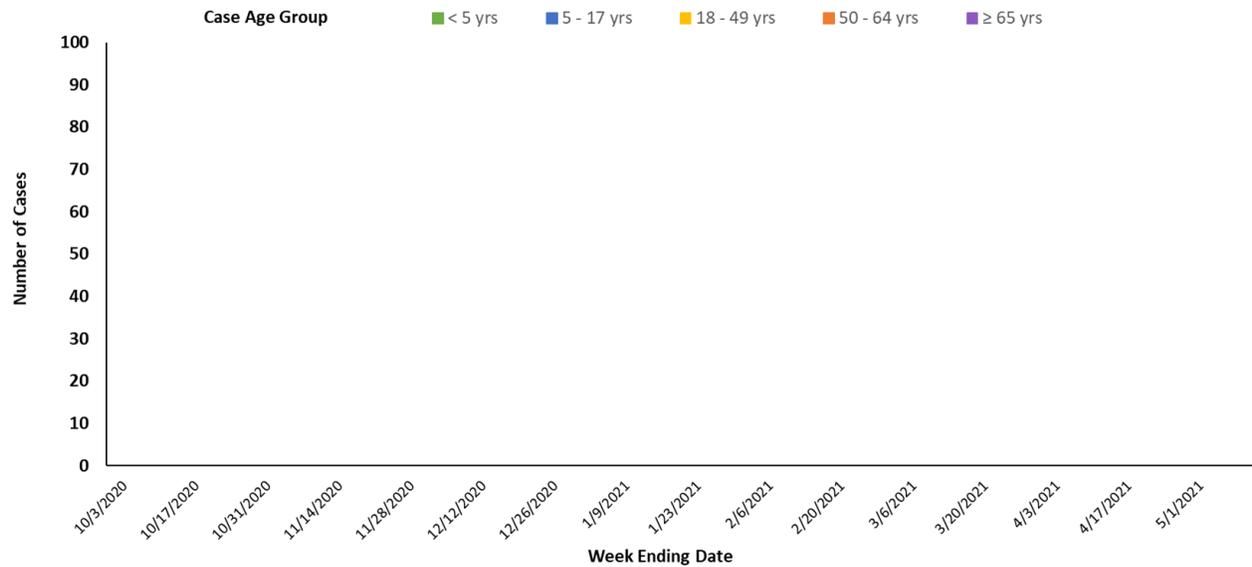
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	414	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	191	1	0.5%	0	0.0%	1	0.0%
Columbia Gorge	58	1	0.0%	0	0.0%	1	0.0%
Central Oregon	118	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	63	0	0.0%	0	0.0%	0	0.0%
State Total	844	2	0.2%	0	0.0%	2	100.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



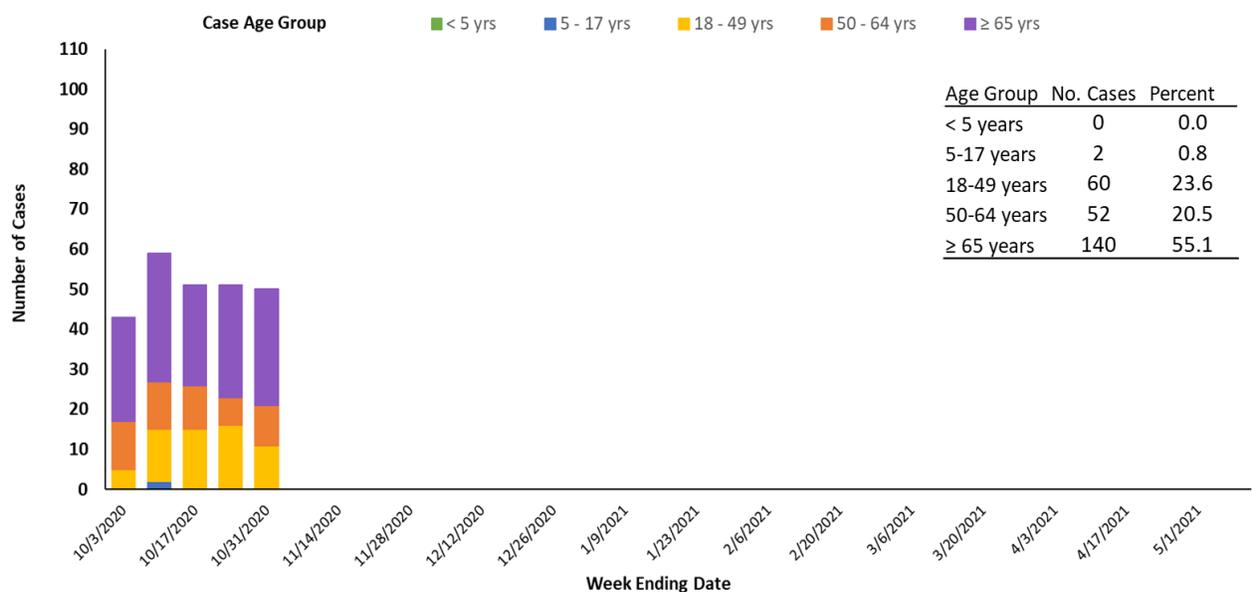
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 44 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



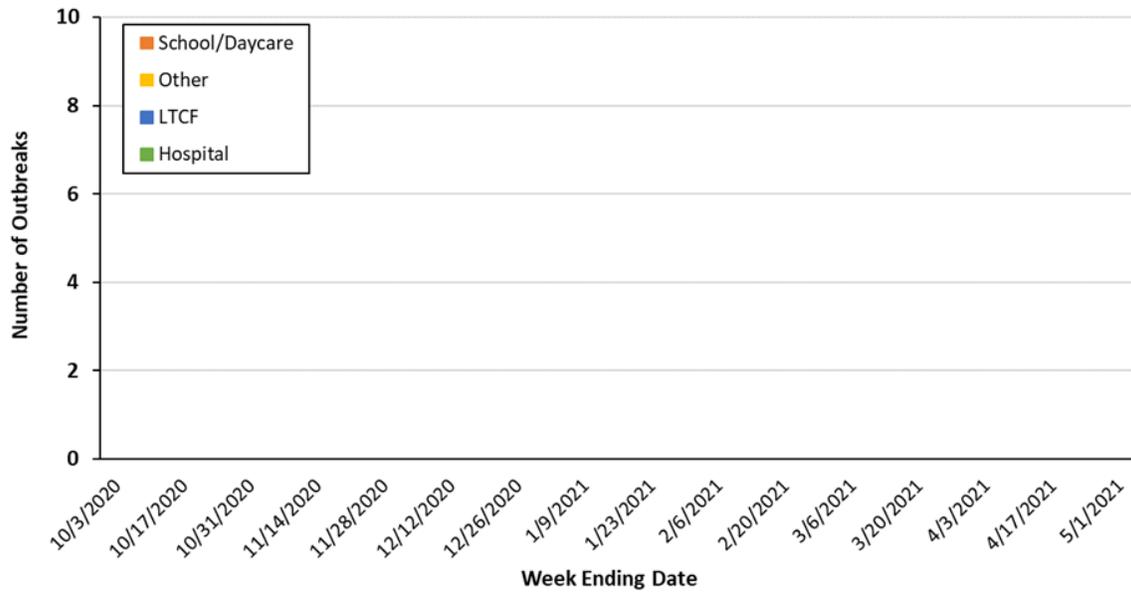
Portland Tri-County COVID-19 Hospitalizations: There were 50 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 44 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



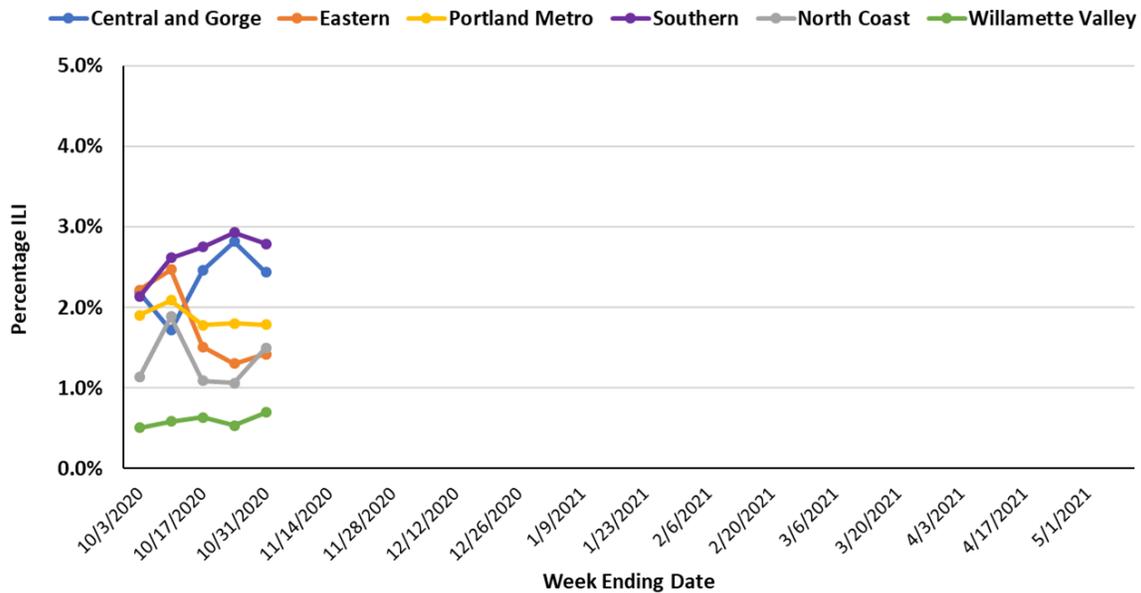
Influenza Outbreaks: There were no influenza outbreaks reported during Week 44, 2020 and none reported yet reported during in the 2020-2021 flu season.

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 17 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 2020 was 1.8%. Regionally, the percent was highest in the Southern region areas (2.8%) and lowest in the Willamette Valley (0.7%).

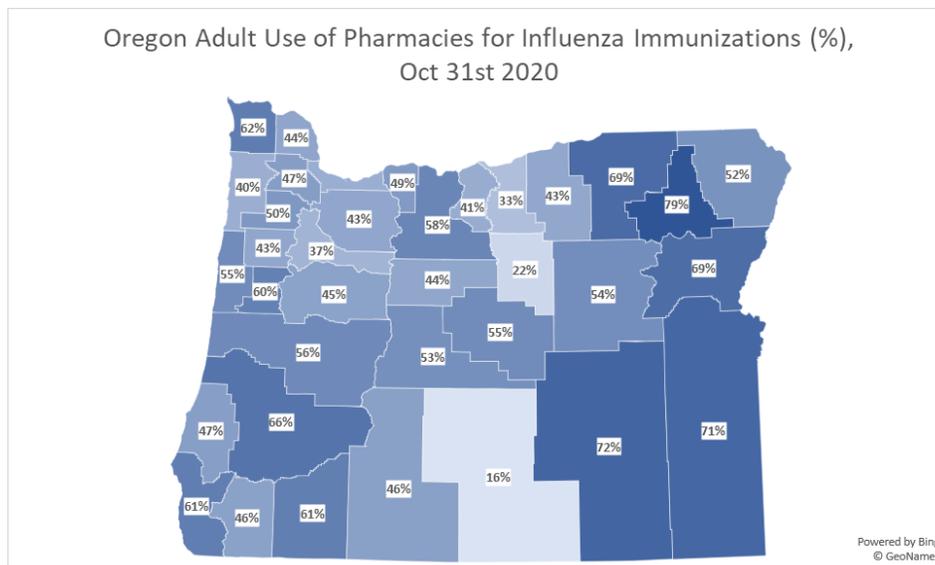
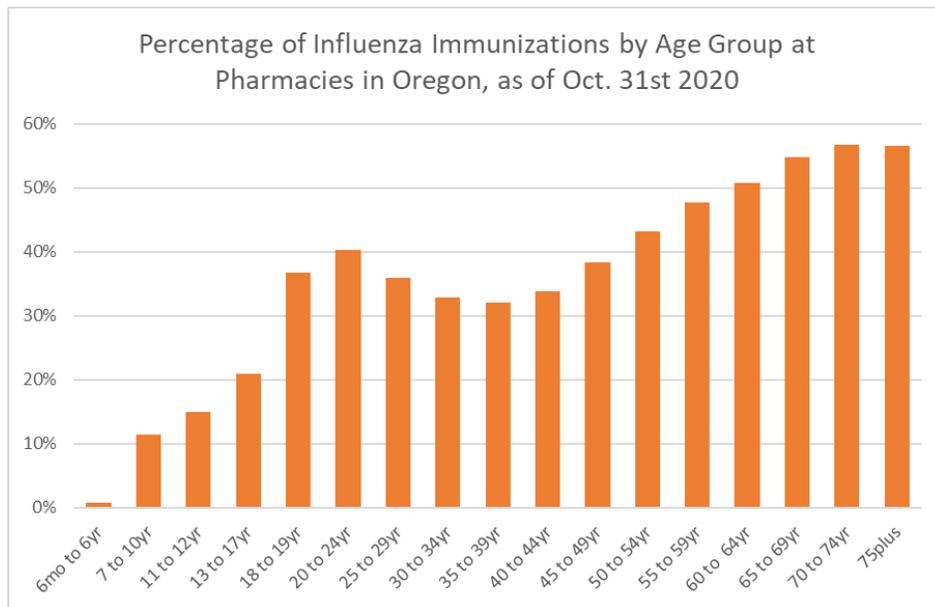
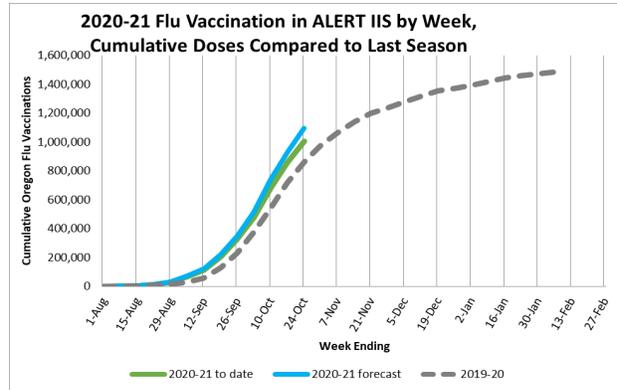
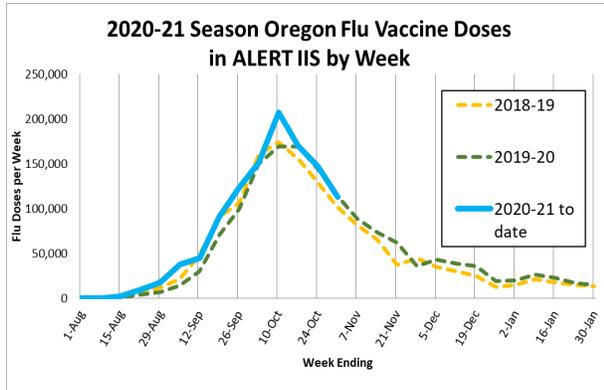
Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 44, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: After an early-season surge, levels of new weekly influenza immunizations in Oregon are closely following last season's patterns. To date over 1.2 million influenza immunization doses have been reported to the ALERT Immunization Information for this season.

Pharmacies continue to be an important site for influenza immunization, with increased usage this year due to COVID. For this week, we are including data on the percentage of influenza immunizations given at pharmacies so far this season. In Oregon, pharmacists are allowed to immunize children age seven and up without a prescription.



US Data (from CDC FluView): Seasonal influenza activity remains **low** in the United States.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.1% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months. Few specimens have tested positive in the public health labs during the most recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

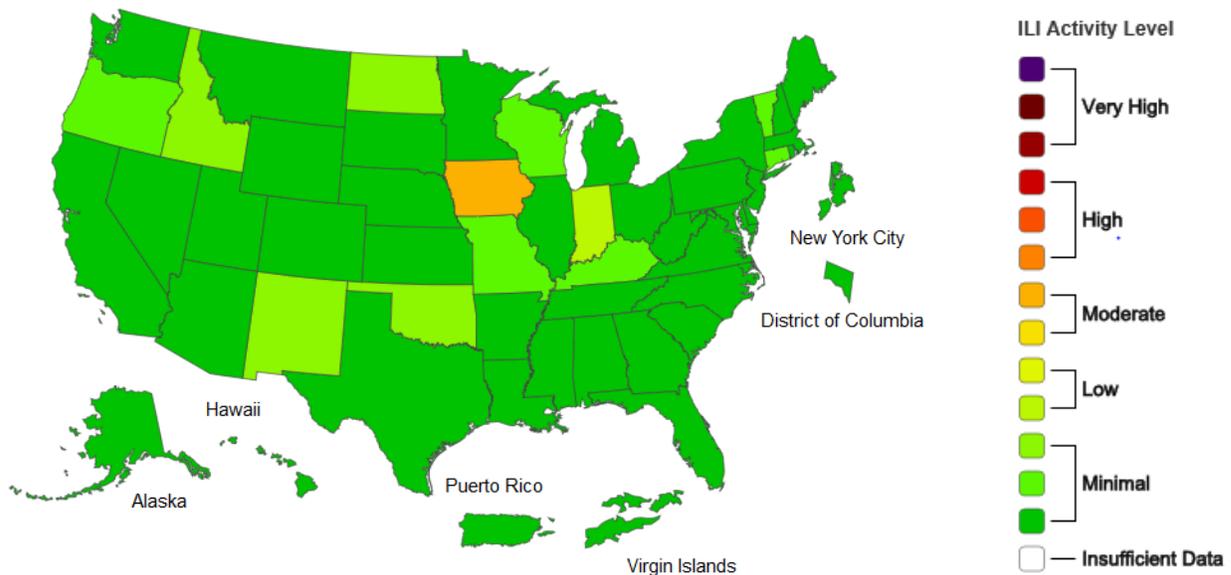
Illness

- **ILINet Outpatient Illness:** 1.3% of visits to a health care provider were for ILI, which is a slight increase from the previous week (1.2%). ILI activity remains below the national baseline of 2.6%.
- **ILINet Activity Map:** This week, one jurisdiction experienced moderate activity, one experienced low activity, and the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 8.1% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 6.0%.
- **Pediatric Deaths:** One influenza-associated pediatric death occurring during the 2019-20 season was reported to CDC, bringing the total for that season to 195. No pediatric deaths occurring during the 2020-21 season were reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 44—Ending October 25, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 18—October 24, 2020 (Week 43)

	Current Week (43)	Previous Week (42)
Percentage of emergency department visits for ILI ¹	1.2%	1.2%
Percentage positive influenza tests ²	0.3%	0.5%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	50	52
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.2%	0.0%

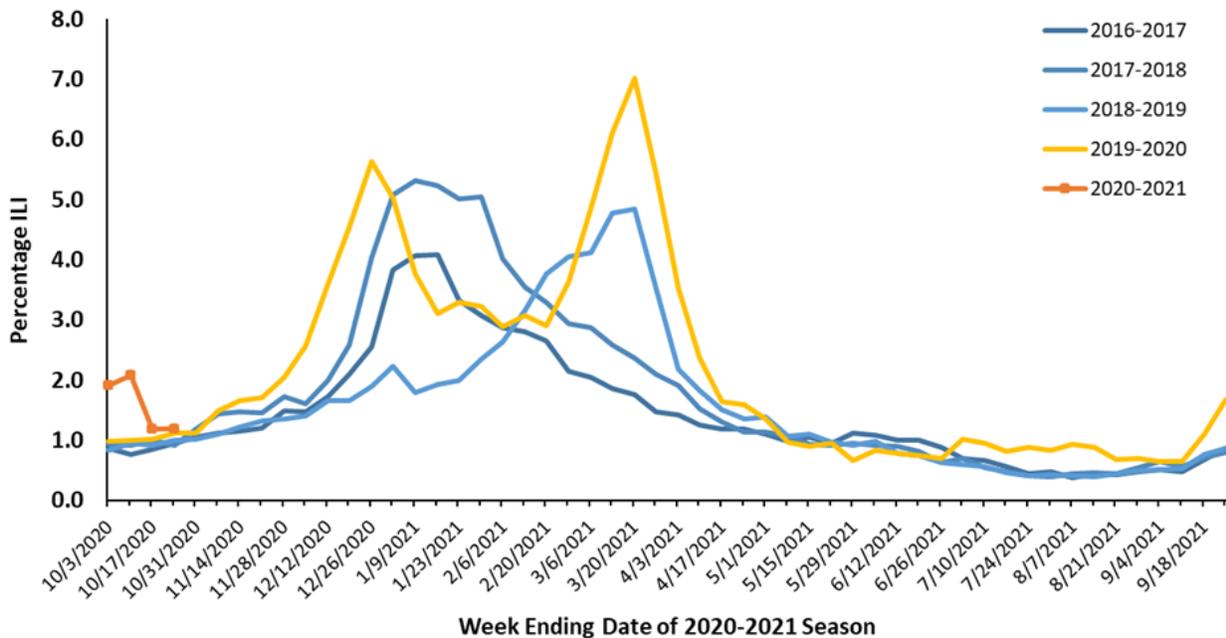
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 1.2% during week 43, 2020.

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 flu type and percent positivity.

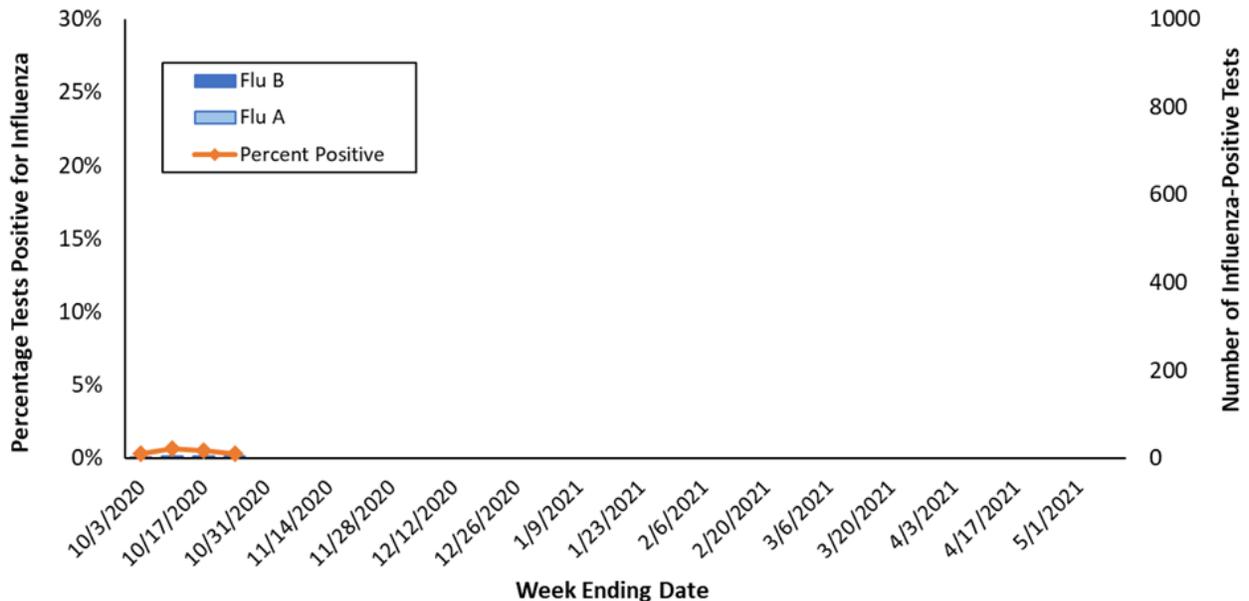
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

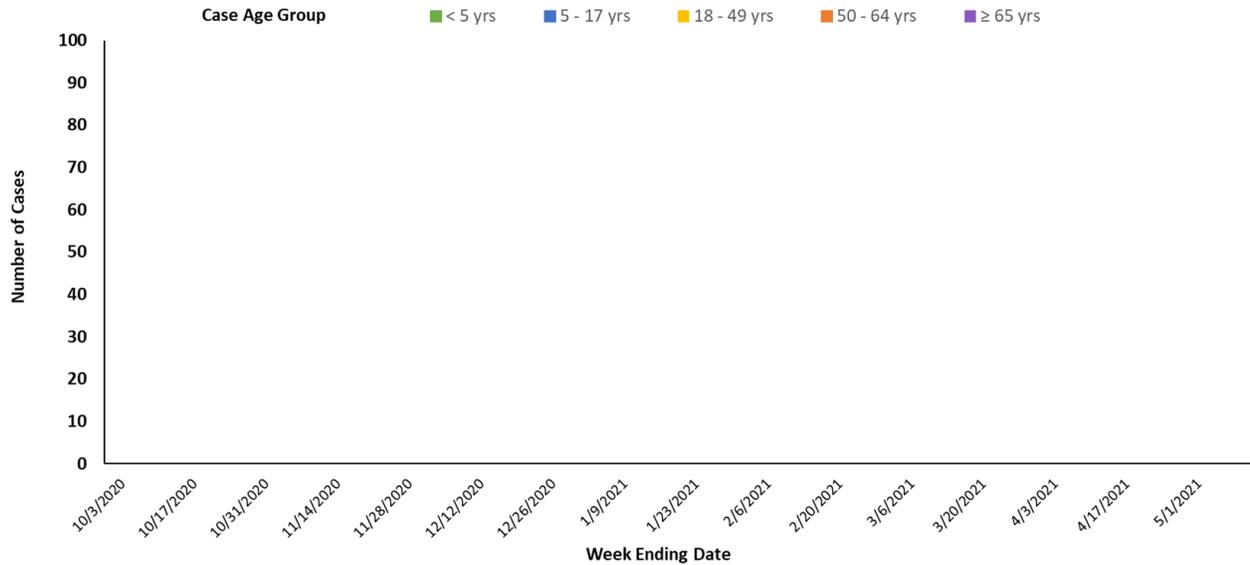
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	293	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	169	2	1.2%	1	0.0%	1	0.0%
Columbia Gorge	33	0	0.0%	0	0.0%	0	0.0%
Central Oregon	113	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	63	0	0.0%	0	0.0%	0	0.0%
State Total	671	2	0.3%	1	50.0%	1	50.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



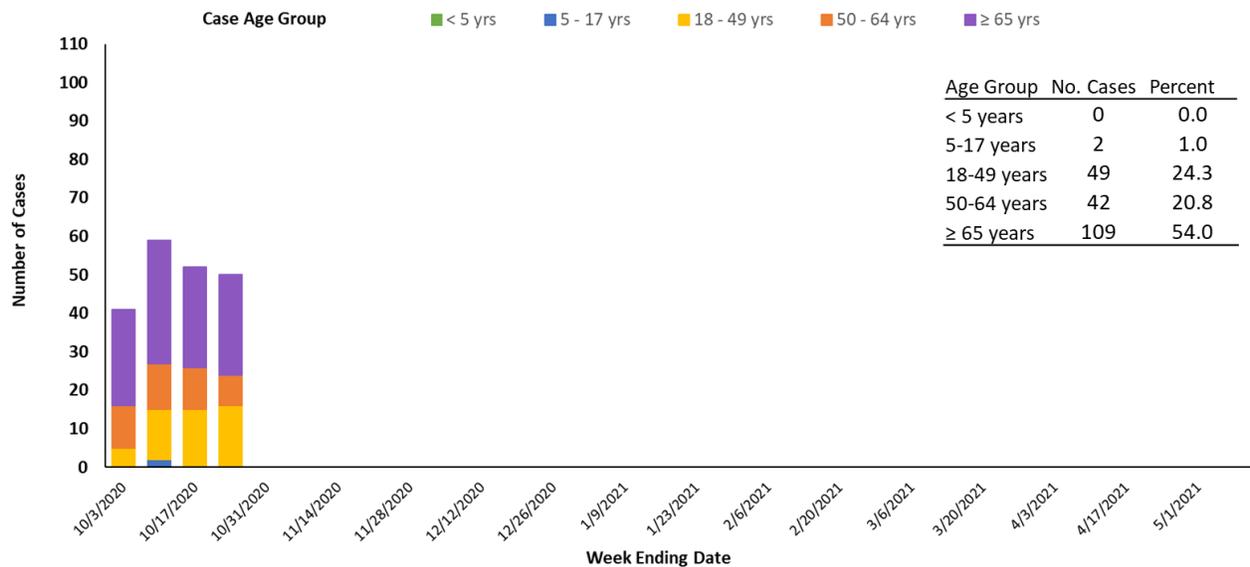
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 43 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



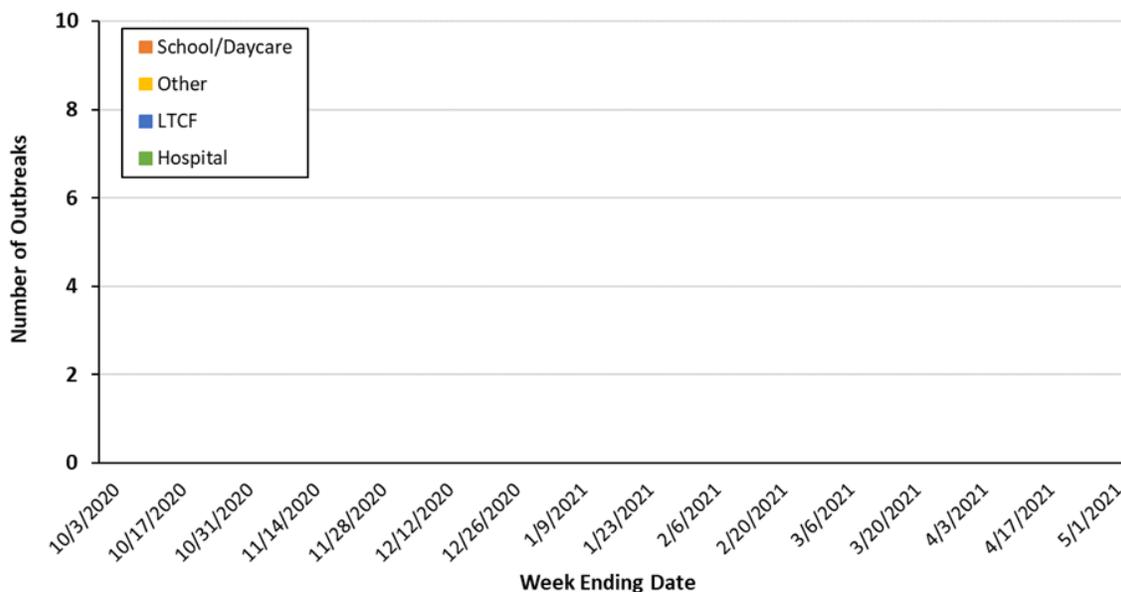
Portland Tri-County COVID-19 Hospitalizations: There were 50 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 43 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



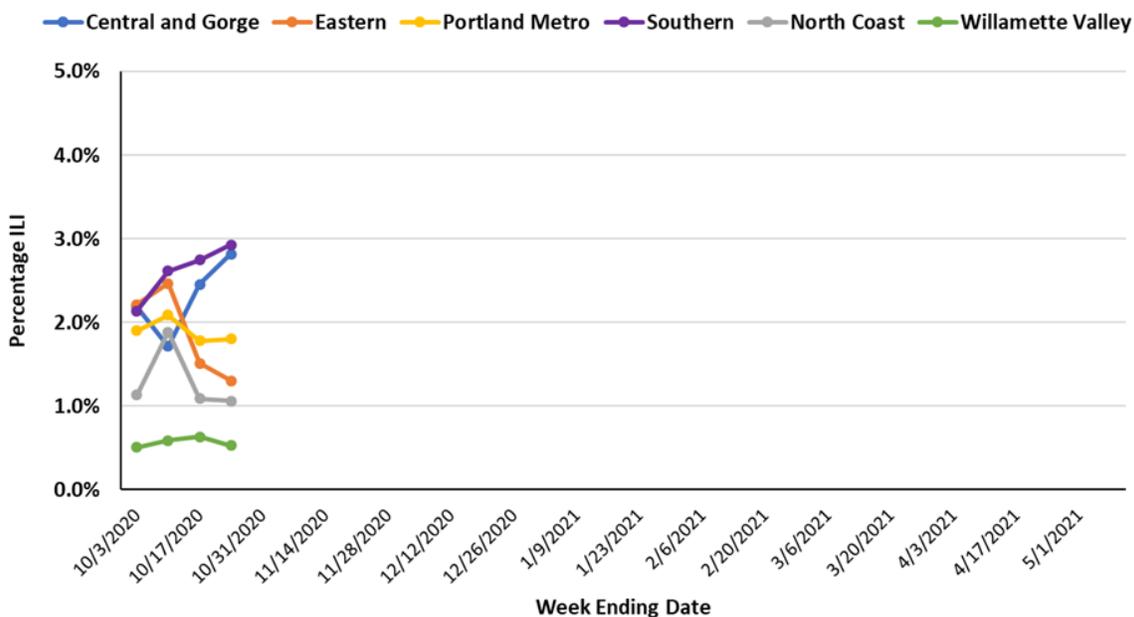
Influenza Outbreaks: There were no influenza outbreaks reported during Week 43, 2020 and none reported yet reported during in the 2020-2021 flu season.

Figure 5. Number of Influenza Outbreaks in Oregon by Setting, 2020-2021 Season



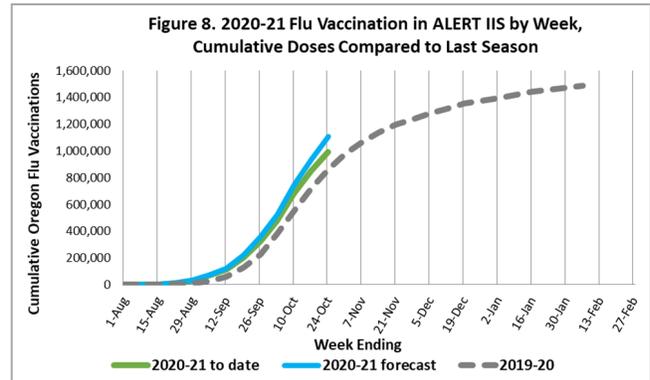
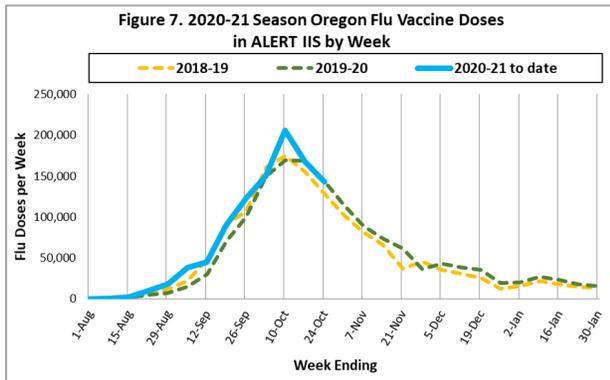
Outpatient Influenza-like Illness Surveillance: Oregon’s outpatient influenza-like illness (ILI) surveillance comprises 17 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 150 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 43 of 2020 was 1.8%. Regionally, the percent was highest in the Southern region areas (2.9%) and lowest in the Willamette Valley (0.5%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021

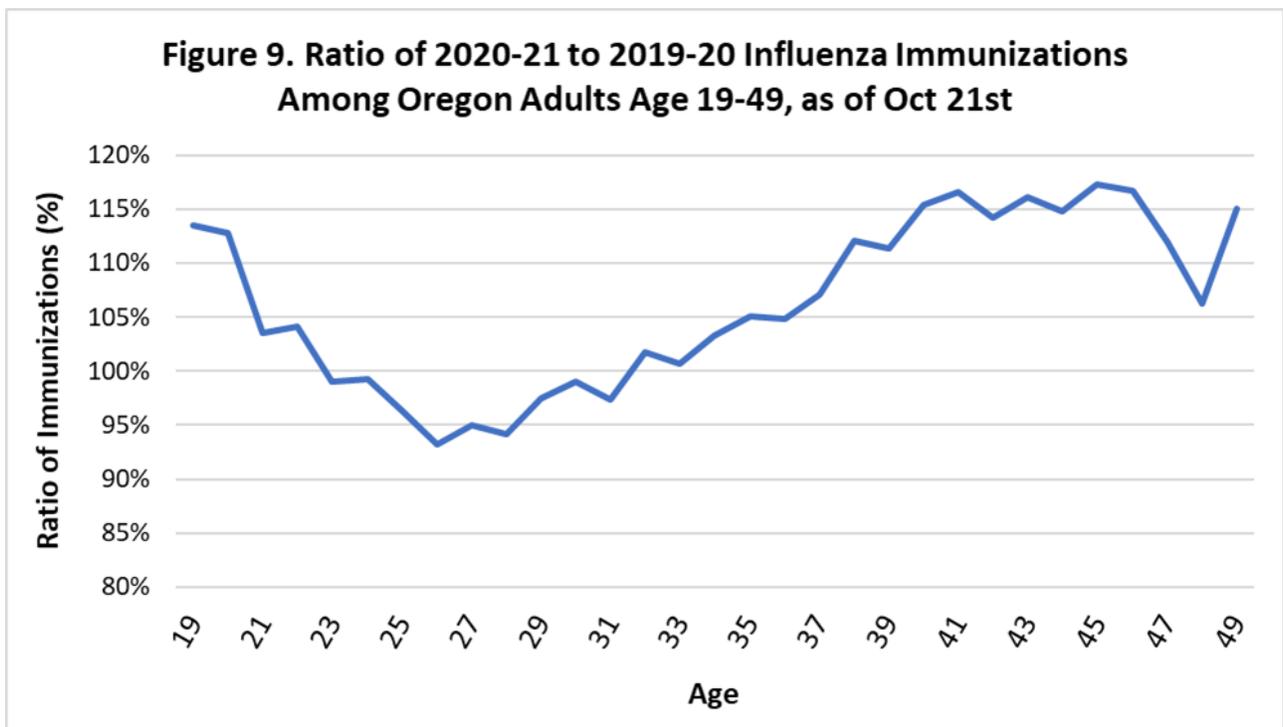


Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 43, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: For this season, the peak week for influenza immunization was the week ending on October 10th (Epi Week 41 of 2020). The volume of influenza immunization in this peak week was 18% higher than last season. After this peak week, weekly immunizations are continuing to follow the trajectory of past seasons.



Overall this season, reported influenza immunizations have increased by 12% over last season at this time. For infants and young children less than 6 years of age, there has been no change in influenza immunizations over prior seasons. All other age groups have seen substantial increases, in large part associated with greater use of pharmacies for immunization. Among adults, influenza immunizations for those ages 18 to 49 have increased by 7% over last season, with increases of 15% among those ages 50 to 64 and 16% for seniors ages 65 and up. If the rest of this season continues to follow the trajectory of past seasons, by the end of the season seniors in Oregon will experience an increase of 12% in influenza immunization volumes, for an expected increase in influenza immunization rates of 8%. Among younger adults, the increase in influenza immunizations this season is uneven across years of age. For those ages 23 to 31, influenza immunization-seeking has declined this season compared to last.



US Data (from CDC FluView): Seasonal influenza activity remains **low** in the United States.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.2% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months. Few specimens have tested positive in the public health labs during the most recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

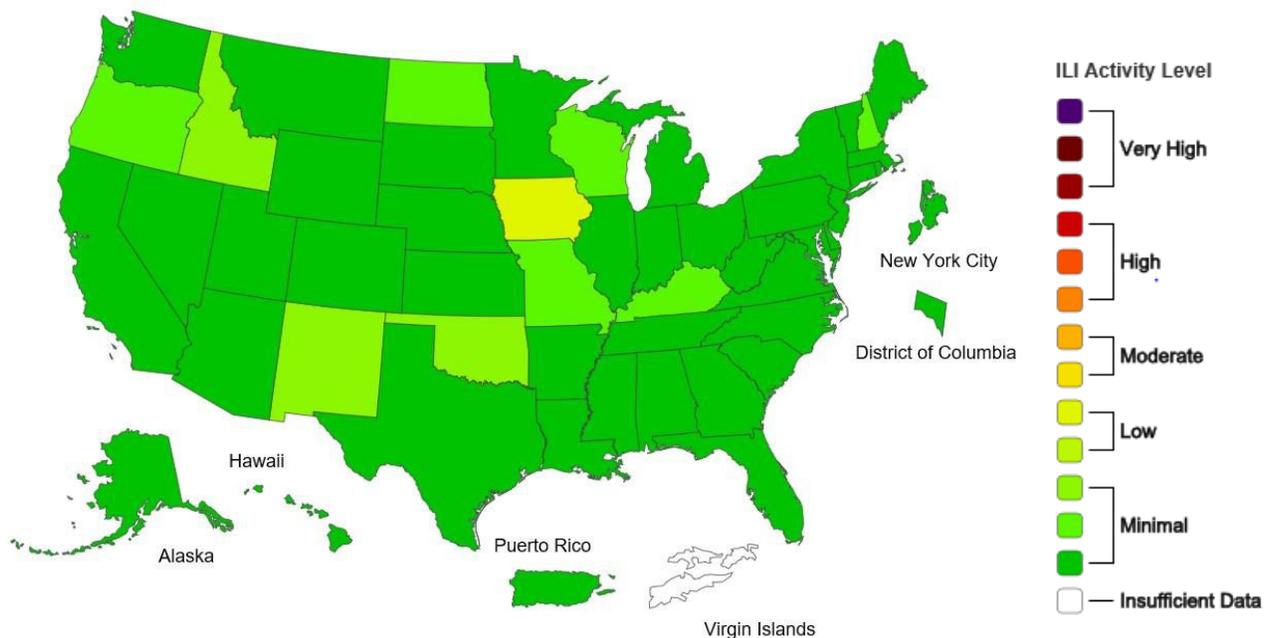
Illness

- **ILINet Outpatient Illness:** 1.2% of visits to a health care provider were for ILI, which is a slight increase from the previous week (1.1%). ILI activity remains below the national baseline of 2.6%.
- **ILINet Activity Map:** This week, one jurisdiction experienced low activity, while the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 8.2% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 5.9%.
- **Pediatric Deaths:** No pediatric deaths occurring during the 2020-21 season were reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 43—Ending October 24, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 11—October 17, 2020 (Week 42)

	Current Week (42)	Previous Week (41)
Percentage of emergency department visits for ILI ¹	1.2%	2.1%
Percentage positive influenza tests ²	0.5%	0.6%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	49	58
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	0.3%

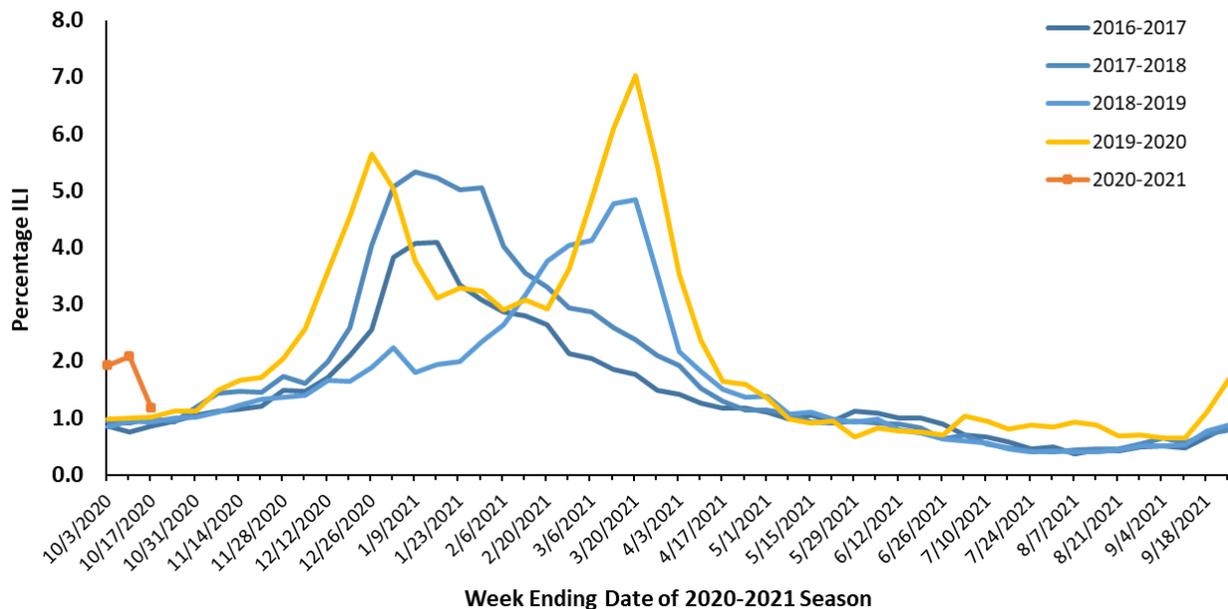
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 1.2% during week 42, 2020.

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 0.5% of specimens tested at Oregon labs were positive for influenza during week 42, and the bar chart displays the number of influenza -positive tests by flu type and percent positivity.

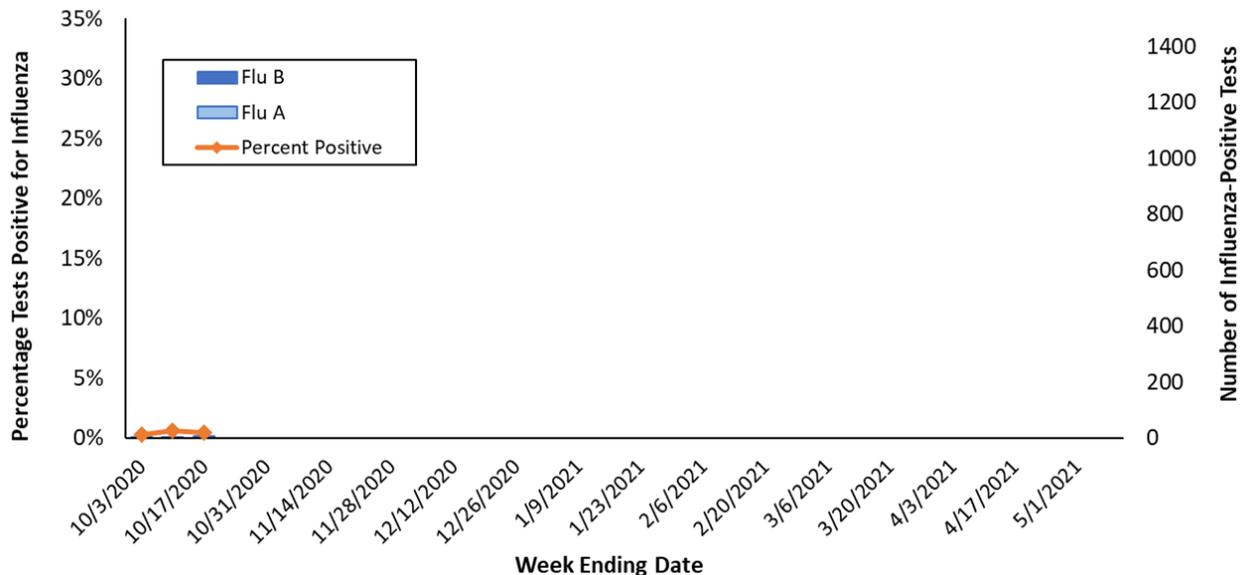
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

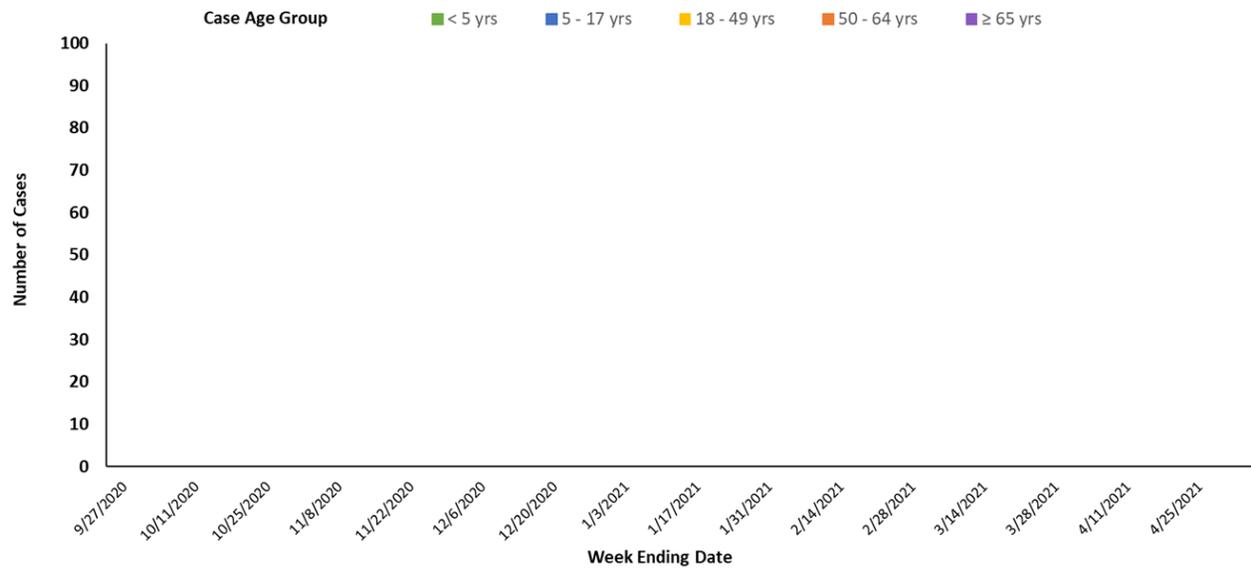
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	270	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	130	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	51	0	0.0%	0	0.0%	0	0.0%
Central Oregon	117	3	2.6%	2	0.0%	1	0.0%
Willamette Valley	65	0	0.0%	0	0.0%	0	0.0%
State Total	633	3	0.5%	2	66.7%	1	33.3%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



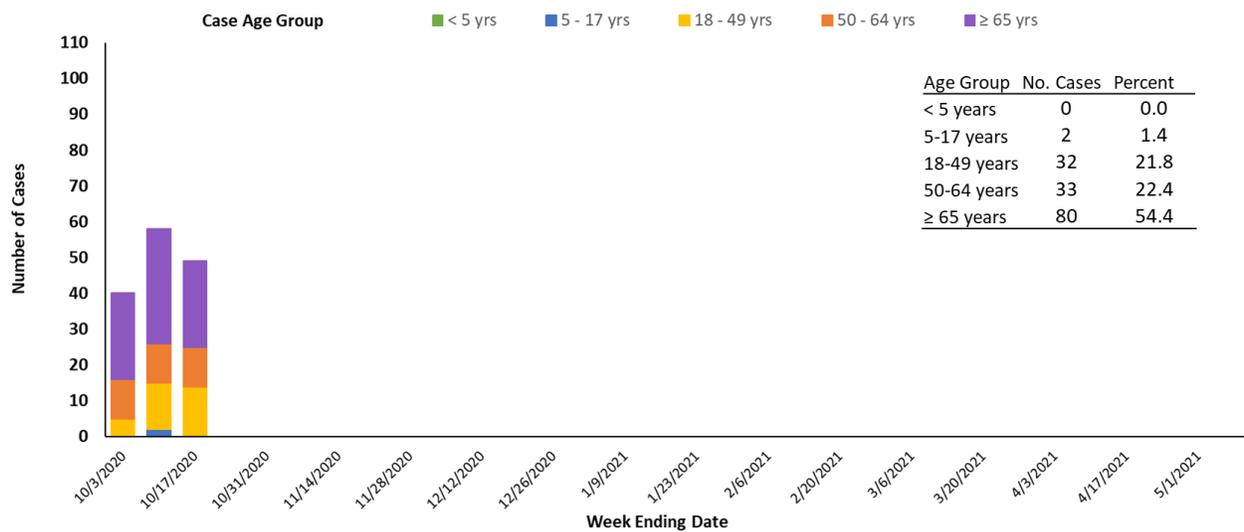
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 42 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



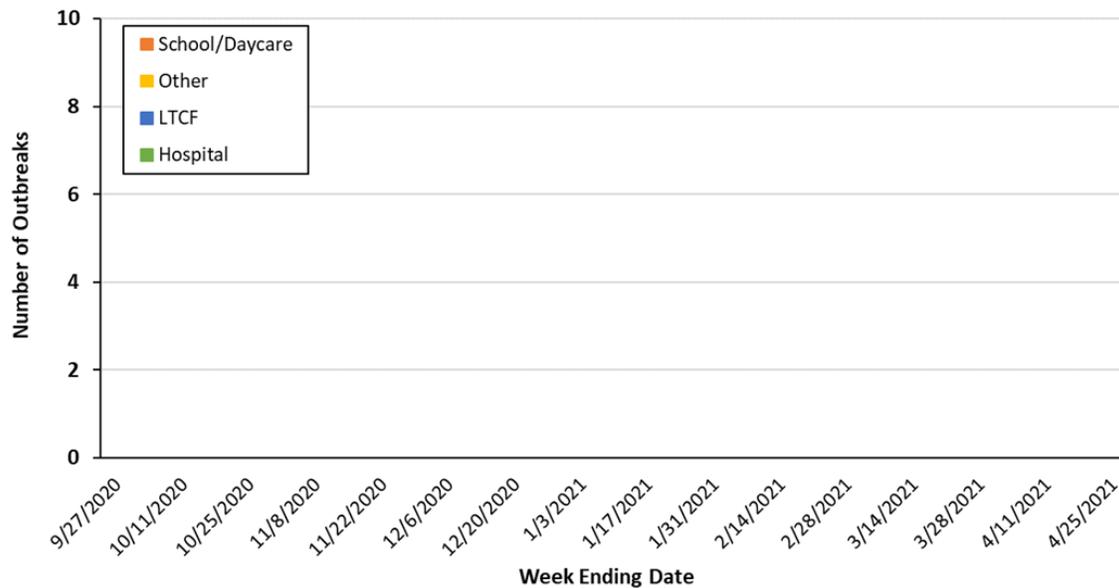
Portland Tri-County COVID-19 Hospitalizations: There were 49 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 42 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



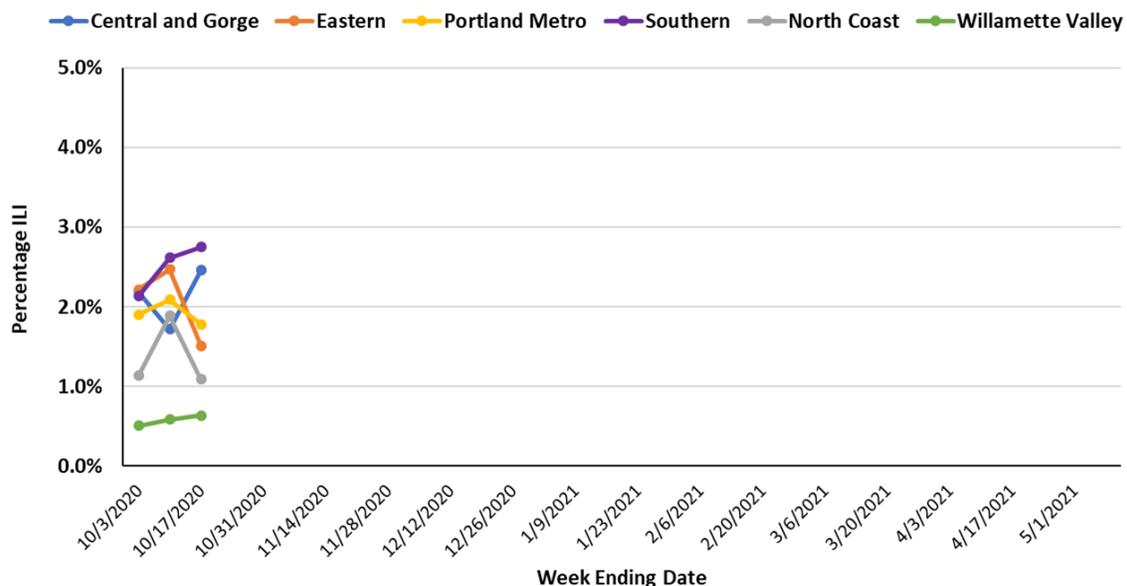
Influenza Outbreaks: There were no influenza outbreaks reported during Week 42, 2020 and none reported yet reported during in the 2020-2021 flu season.

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 17 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 175 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 42 of 2020 was 1.8%. Regionally, the percent was highest in the Southern region areas (2.7%) and lowest in the Willamette Valley (0.6%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 42, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: As of Oct 21st, the ALERT Immunization Information System has received over 800,000 reports of administered influenza immunizations for the 2020-21 season. This season, influenza immunization levels have peaked both early and strongly. Overall influenza immunizations continue to run substantially above prior seasons.

Figure 7. 2020-21 Season Oregon Influenza Immunizations in ALERT IIS by Week

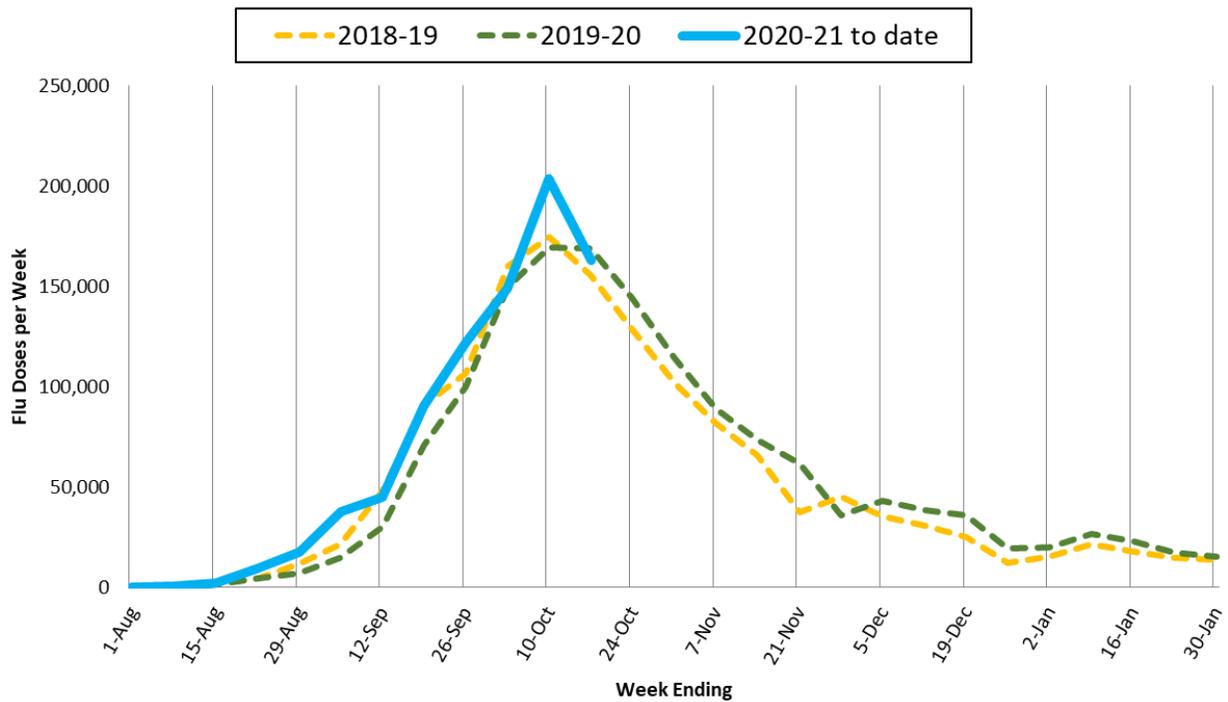
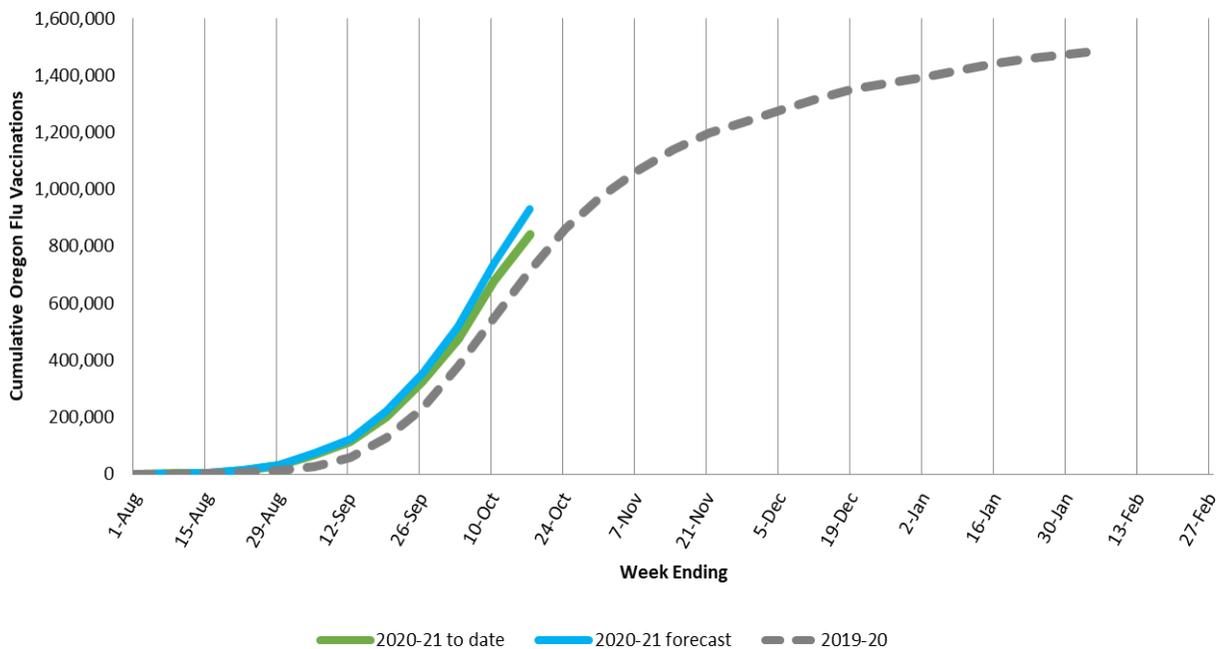


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity remains **low** in the United States.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.3% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months. Few specimens have tested positive in the public health labs during the most recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

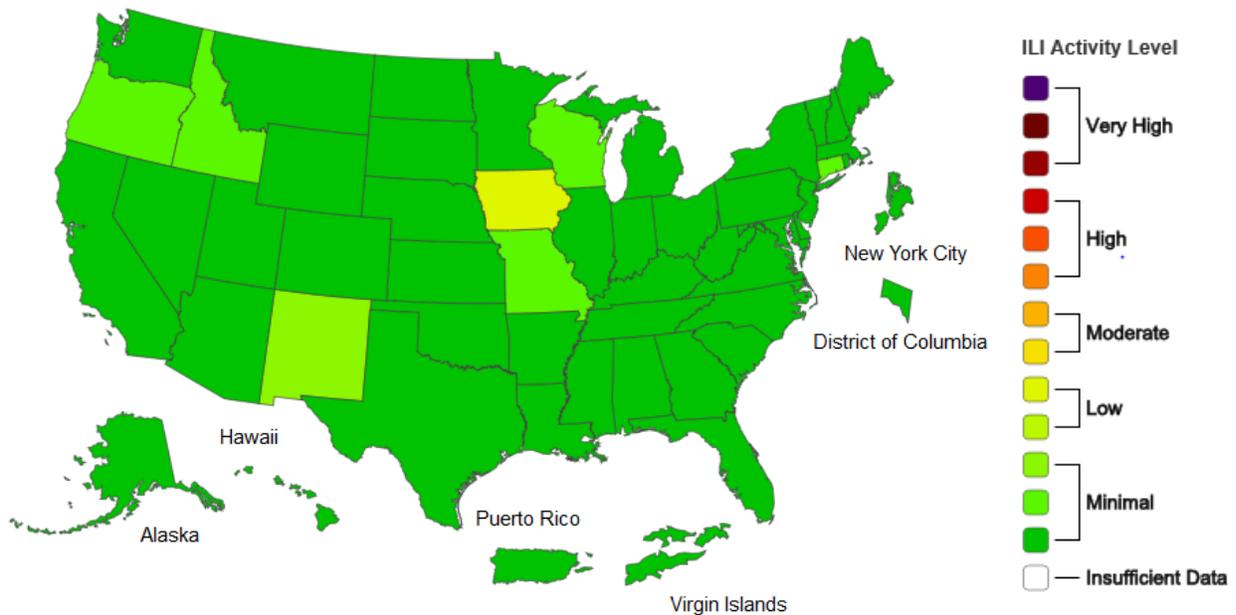
Illness

- **ILINet Outpatient Illness:** 1.2% of visits to a health care provider were for ILI. ILI activity remains below the national baseline of 2.6% and remained the same as the previous week.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced low activity, while the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 7.6% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 5.8%.
- **Pediatric Deaths:** Two influenza-associated pediatric deaths occurring during the 2020-21 season have been reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 42—Ending October 17, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 4—October 10, 2020 (Week 41)

	Current Week (41)	Previous Week (40)
Percentage of emergency department visits for ILI ¹	2.1%	1.9%
Percentage positive influenza tests ²	0.6%	0.3%
Portland tri-county influenza-associated hospitalizations ³	0	0
Portland tri-county COVID-19-associated hospitalizations ³	40	40
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.3%	0.0%

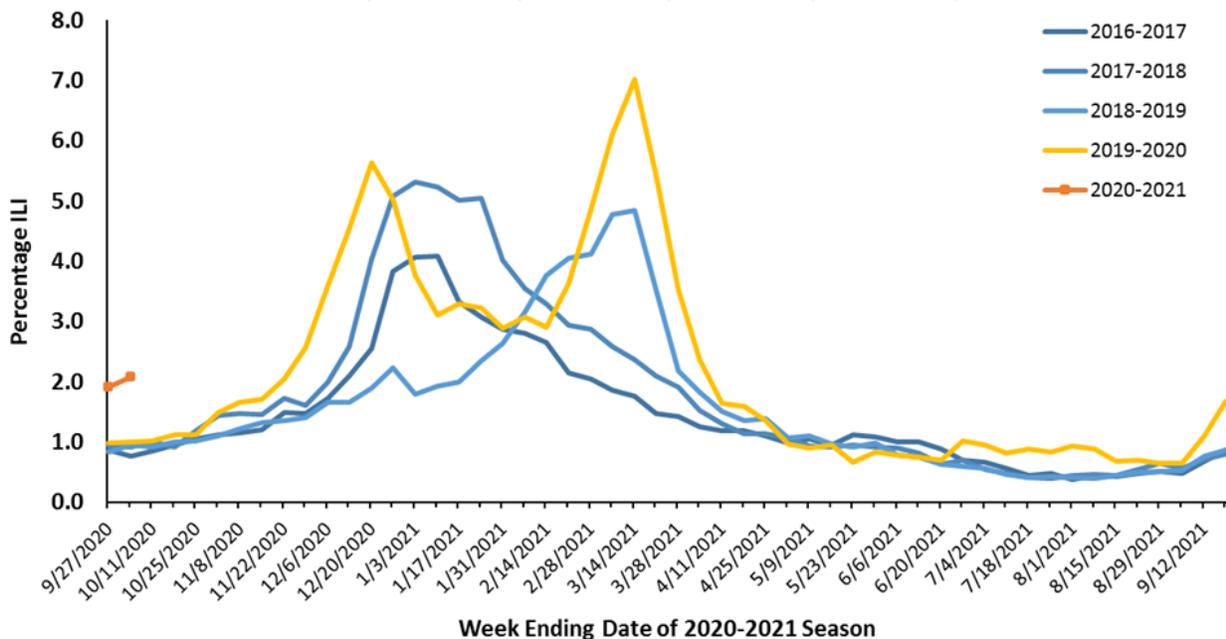
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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, 2016–2017, 2017–2018, 2018-2019, 2019-2020, 2020-2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 2.1% during week 41, 2020.

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 0.6% 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 flu type and percent positivity.

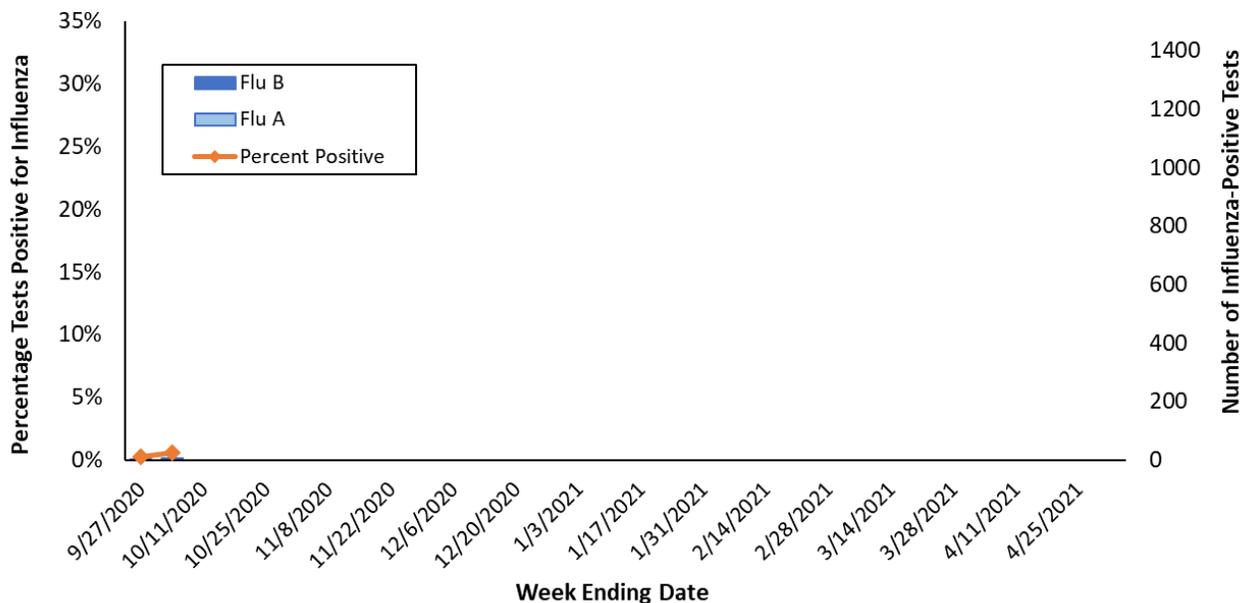
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

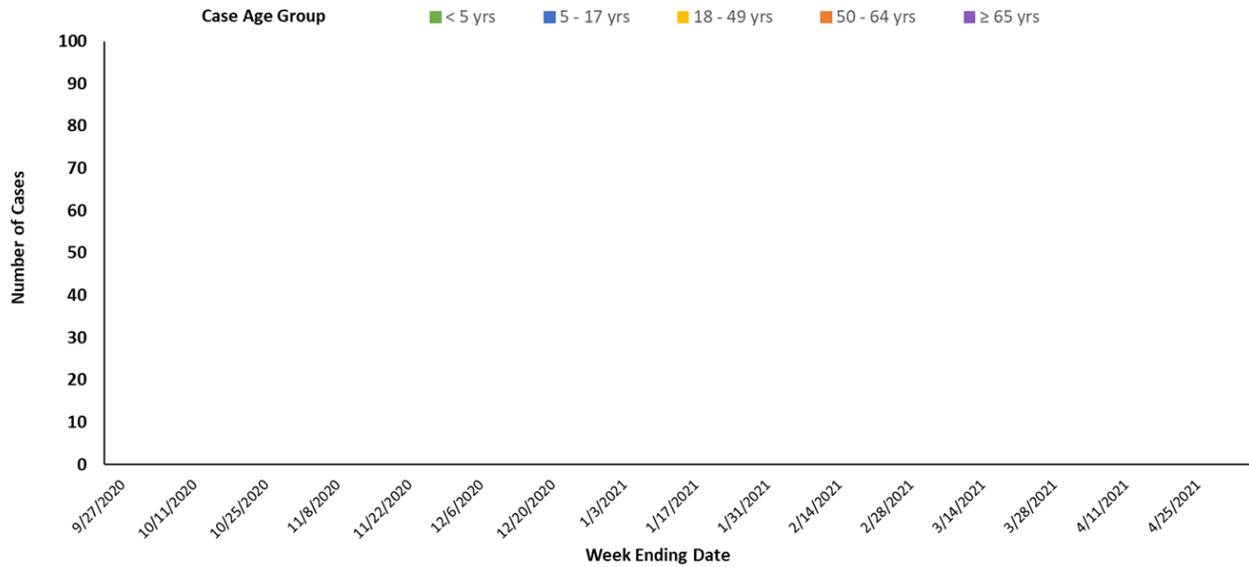
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	210	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	141	0	0.0%	0	0.0%	0	0.0%
Columbia Gorge	29	0	0.0%	0	0.0%	0	0.0%
Central Oregon	57	1	1.8%	0	0.0%	1	0.0%
Willamette Valley	55	2	3.6%	1	0.0%	1	0.0%
State Total	492	3	0.6%	1	33.3%	2	66.7%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



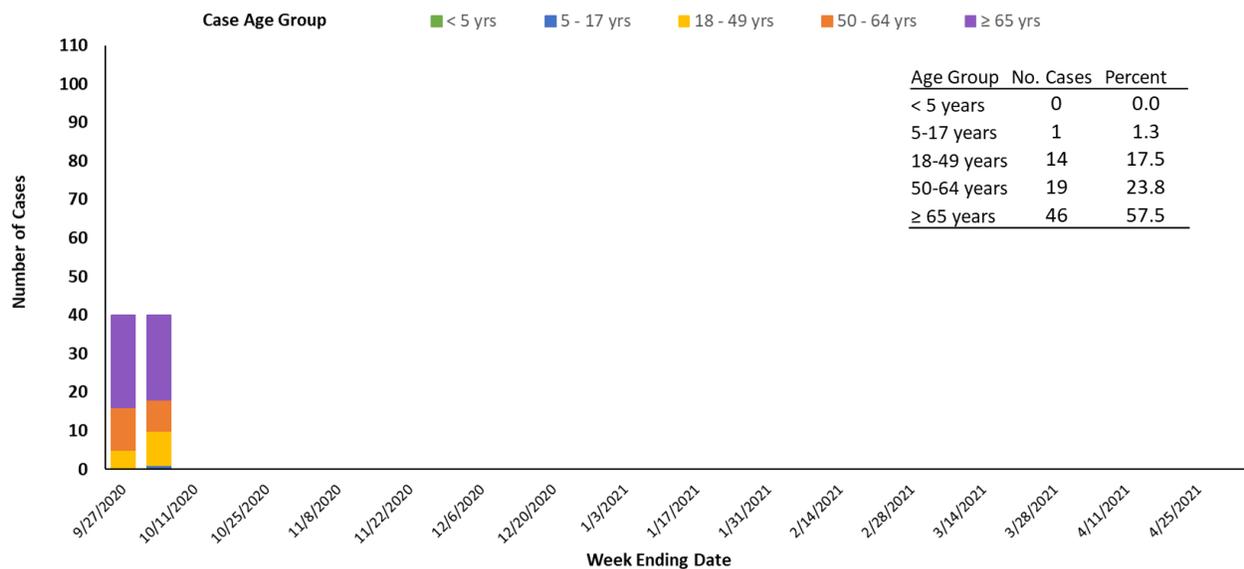
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 41 of 2020 and none yet reported during the 2020-2021 season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



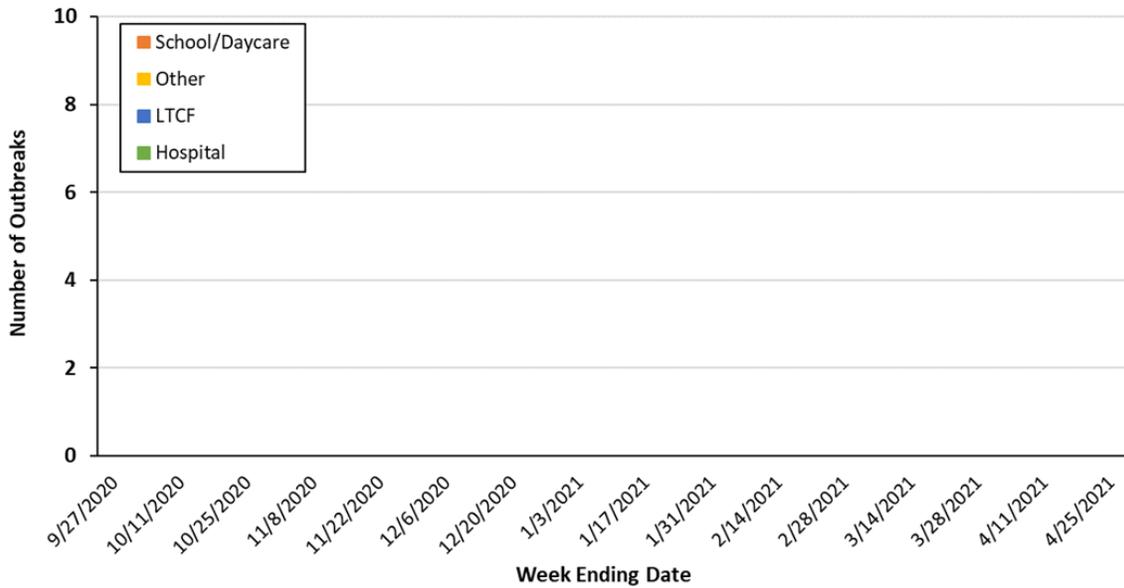
Portland Tri-County COVID-19 Hospitalizations: There were 40 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 41 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



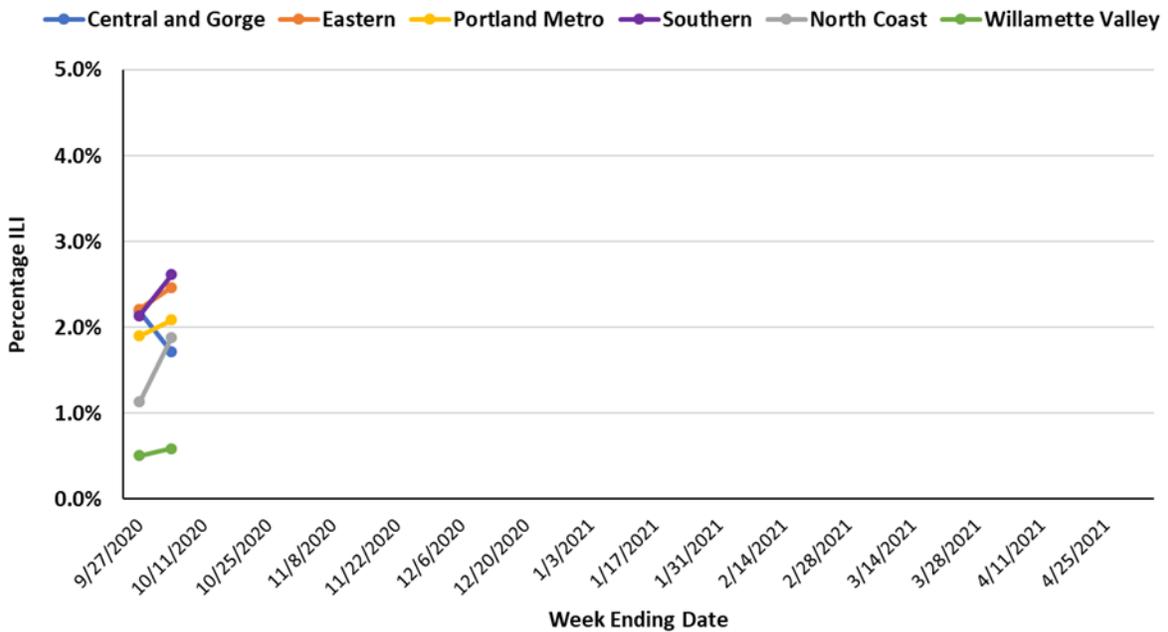
Influenza Outbreaks: There were no influenza outbreaks reported during Week 41, 2020 and none reported yet reported during in the 2020-2021 flu season.

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 17 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 175 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 41 of 2020 was 1.9%. Regionally, the percent was highest in the Southern region areas (2.6%) and lowest in the Willamette Valley (0.6%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 41, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: The number of influenza immunizations given to Oregonians this season is presently showing a strong increase when compared to prior seasons. This increase is occurring largely among middle-aged and older adults. Influenza immunization volumes are also higher among children and teenagers as well. The largest gap in increases is among adults age 19 to 39. This younger adult cohort typically has lower influenza immunization rates than other age groups and is currently immunizing at the same levels as in prior seasons. Based on assessing providers who gave influenza immunizations in both last season and this one, the largest factor in the increase for adults is an increase in pharmacy use for immunizations. Overall, 80% of the increase in adult influenza immunizations as of this date is due to increases in pharmacy usage.

Figure 7. 2020-21 Season Oregon Influenza Immunizations in ALERT IIS by Week

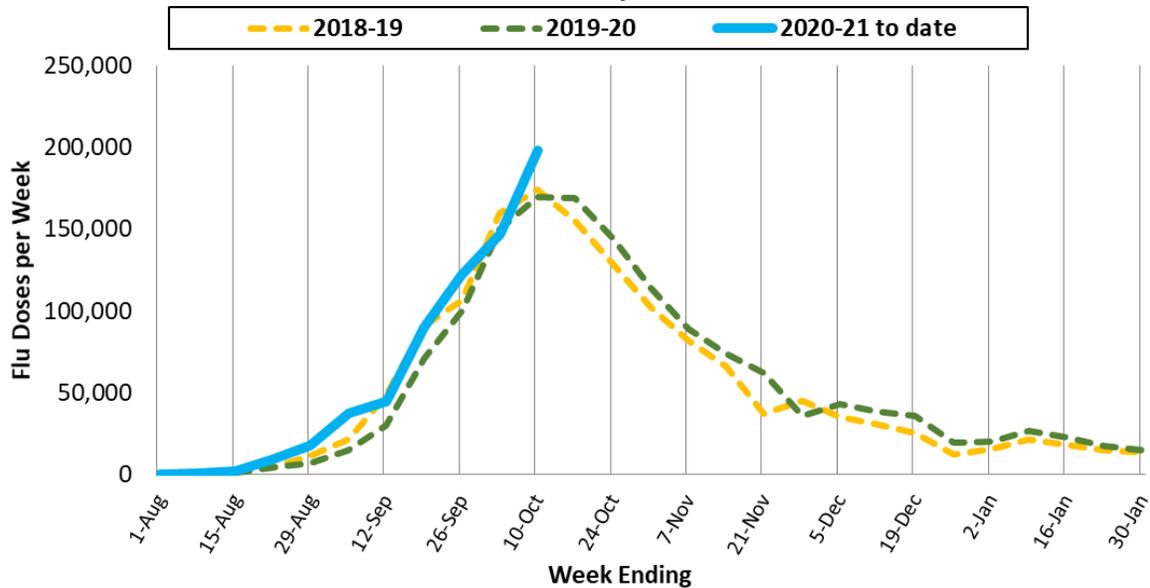
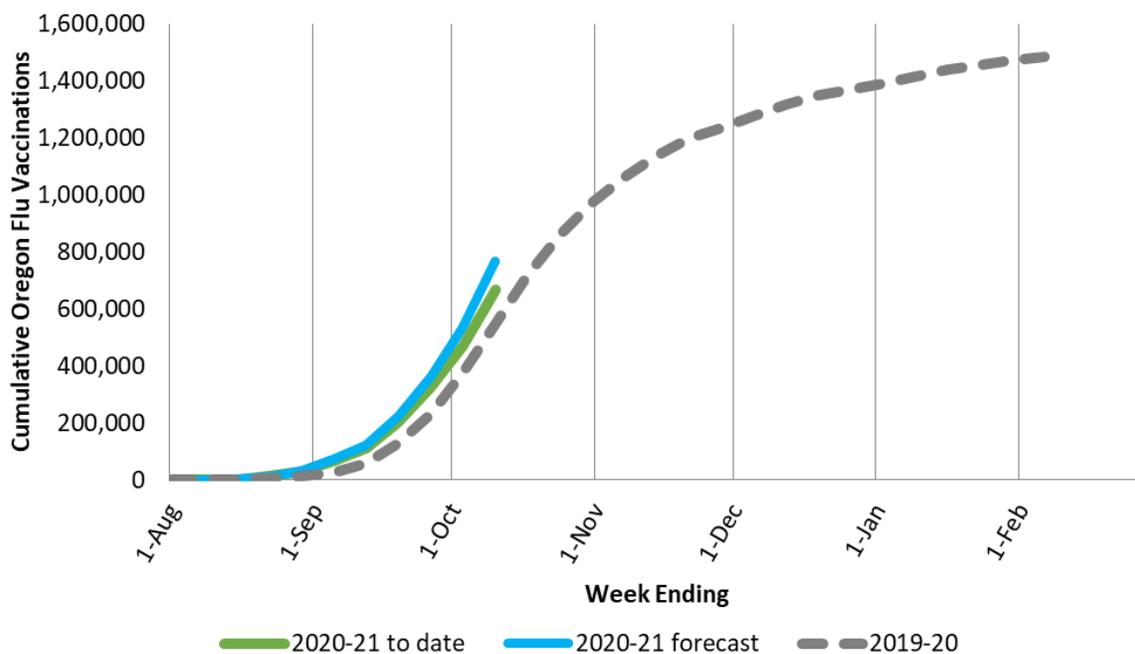


Figure 8. 2020-21 Flu Vaccination in ALERT IIS by Week, Cumulative Doses Compared to Last Season



US Data (from CDC FluView): Seasonal influenza activity remains **low** in the United States.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.3% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months. Few specimens have tested positive in the public health labs during the most recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

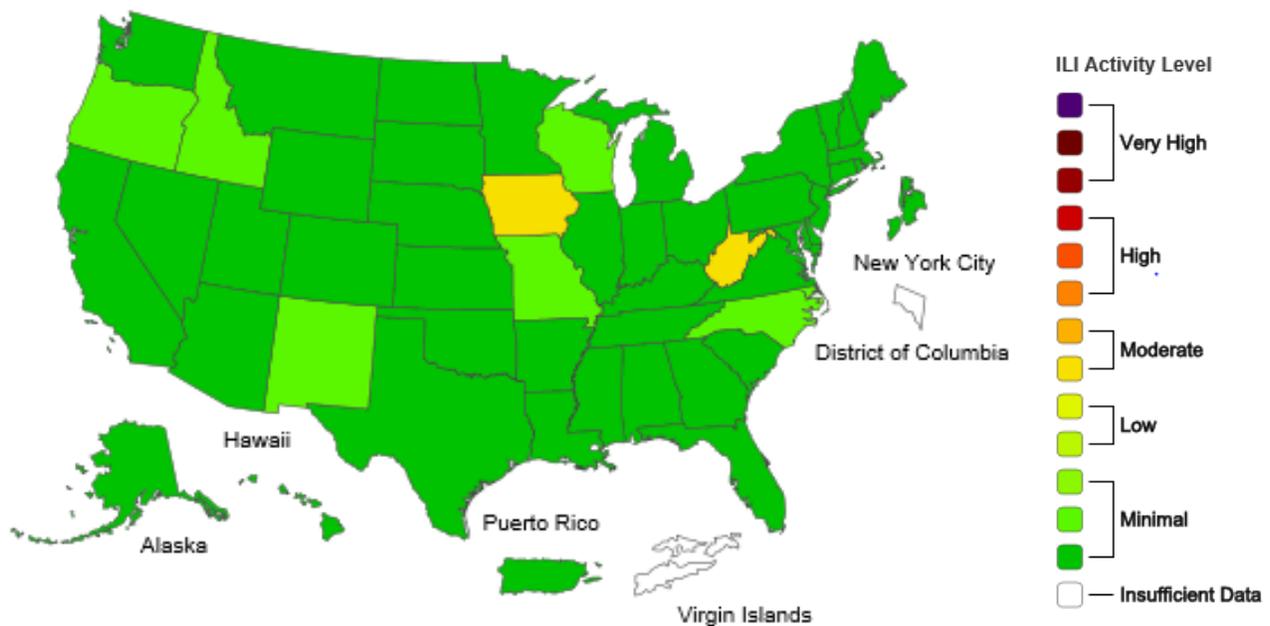
Illness

- **ILINet Outpatient Illness:** 1.2% of visits to a health care provider were for ILI. ILI activity remains below the national baseline of 2.6% and remained the same as the previous week.
- **ILINet Activity Map:** This week, 2 jurisdictions experienced moderate activity, while the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 7.2% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 5.7%.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2020-21 season have been reported to CDC.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 41—Ending October 10, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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 September 27—October 3, 2020 (Week 40)

	Current Week (40)	Previous Week (39)
Percentage of emergency department visits for ILI ¹	1.9%	1.7%
Percentage positive influenza tests ²	0.3%	—
Portland tri-county influenza-associated hospitalizations ³	0	—
Portland tri-county COVID-19-associated hospitalizations ³	38	62
Reported influenza outbreaks	0	0
Influenza-associated pediatric mortality	0	0
Respiratory Syncytial Virus (RSV) activity ⁴	0.0%	—

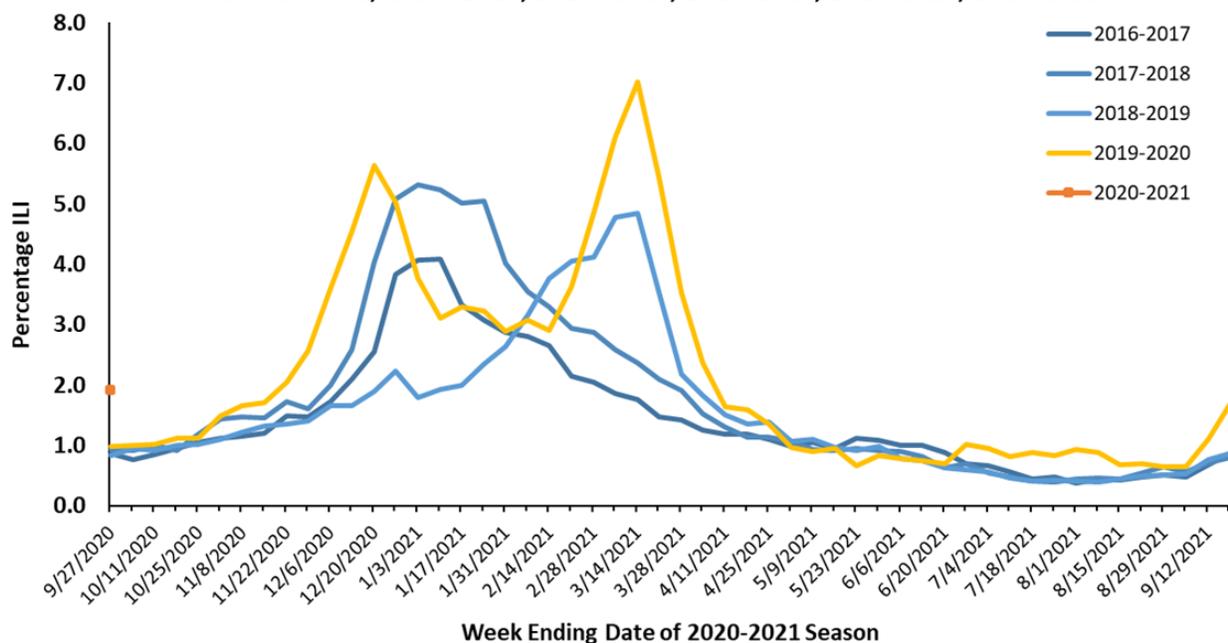
¹Based on Oregon ESSENCE Syndromic Surveillance. Data represent statewide aggregate percent.

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

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, 2016–2017, 2017–2018, 2018–2019, 2019–2020, 2020–2021



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 flu season compared with the previous three flu seasons. The percent of ED visits for ILI in all of Oregon was 1.9% during week 40, 2020.

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 40, and the bar chart displays the number of influenza -positive tests by flu type and percent positivity.

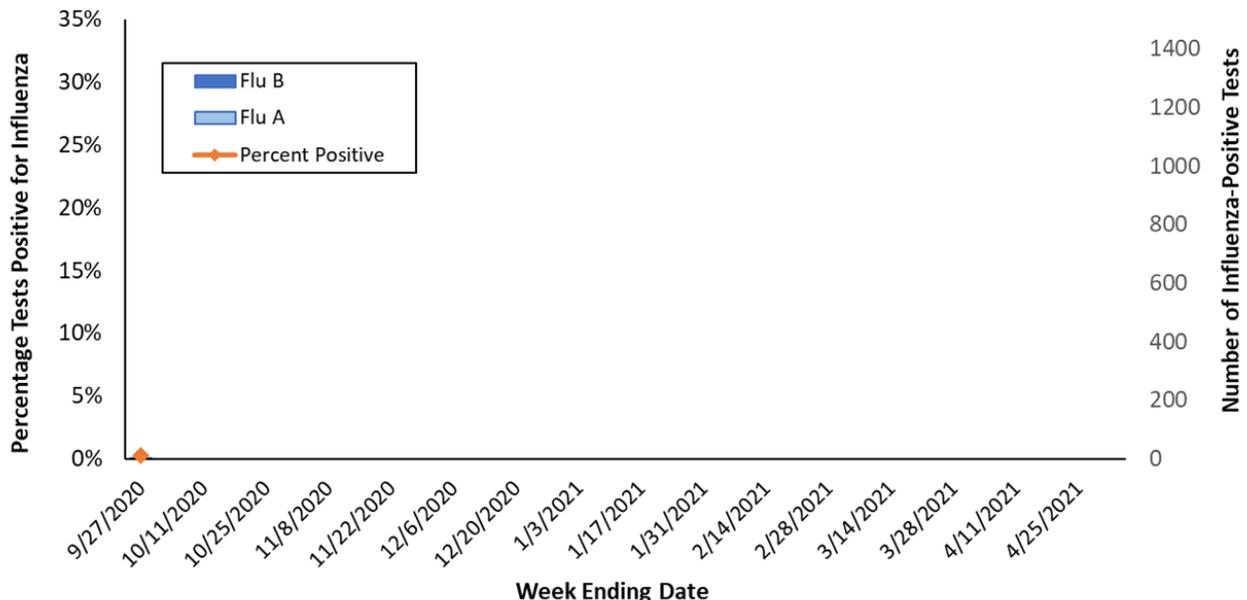
Participation by laboratories is voluntary. Current labs participating in NREVSS in Oregon include:

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, 2020–2021 Season

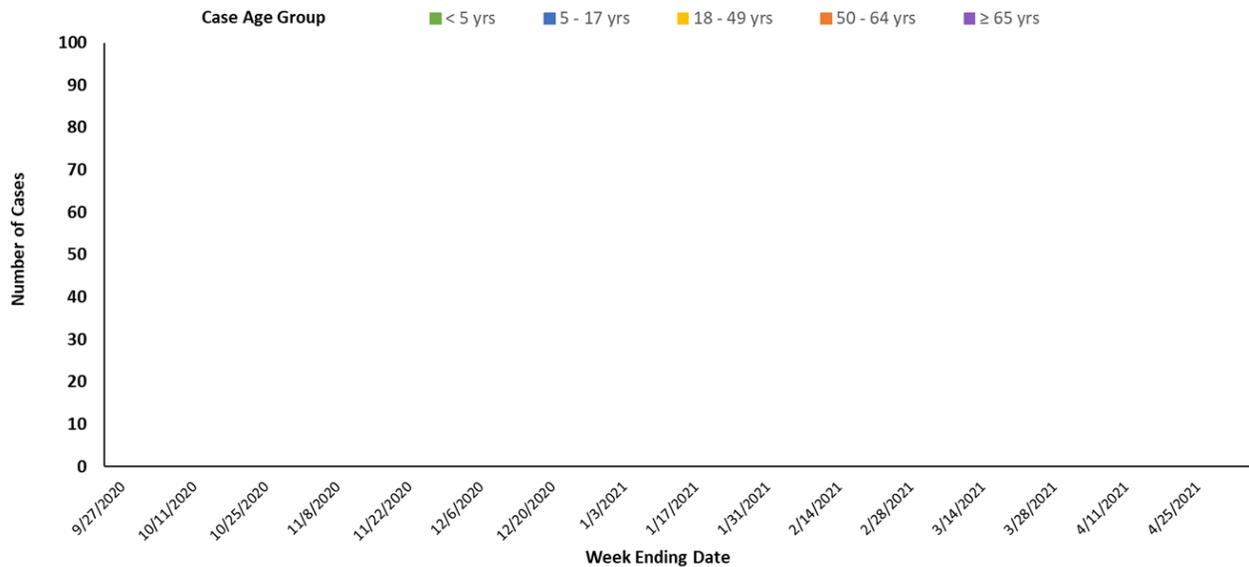
Region	Total Tests	Positive		Flu A		Flu B	
		No.	(%)	No.	(%)	No.	(%)
Portland Metro	130	0	0.0%	0	0.0%	0	0.0%
Southern Oregon	91	1	1.1%	0	0.0%	1	0.0%
Columbia Gorge	24	0	0.0%	0	0.0%	0	0.0%
Central Oregon	51	0	0.0%	0	0.0%	0	0.0%
Willamette Valley	41	0	0.0%	0	0.0%	0	0.0%
State Total	337	1	0.3%	0	0.0%	1	100.0%

**Figure 2. Oregon Influenza Laboratory Surveillance
Percent Positive Influenza Tests by Week, NREVSS, 2020-2021 Season**



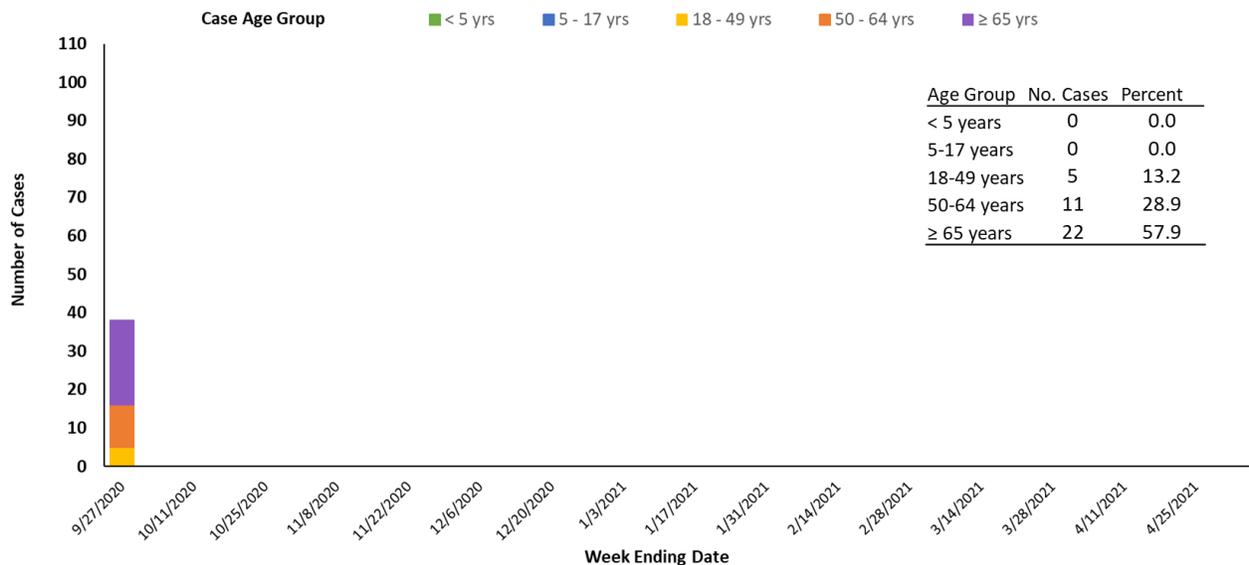
Portland Tri-County Influenza Hospitalizations: In Clackamas, Multnomah, and Washington counties there were no influenza-associated hospitalizations reported during week 40 of 2020, the first week of surveillance this season.

Figure 3. Portland Metro Area Influenza-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



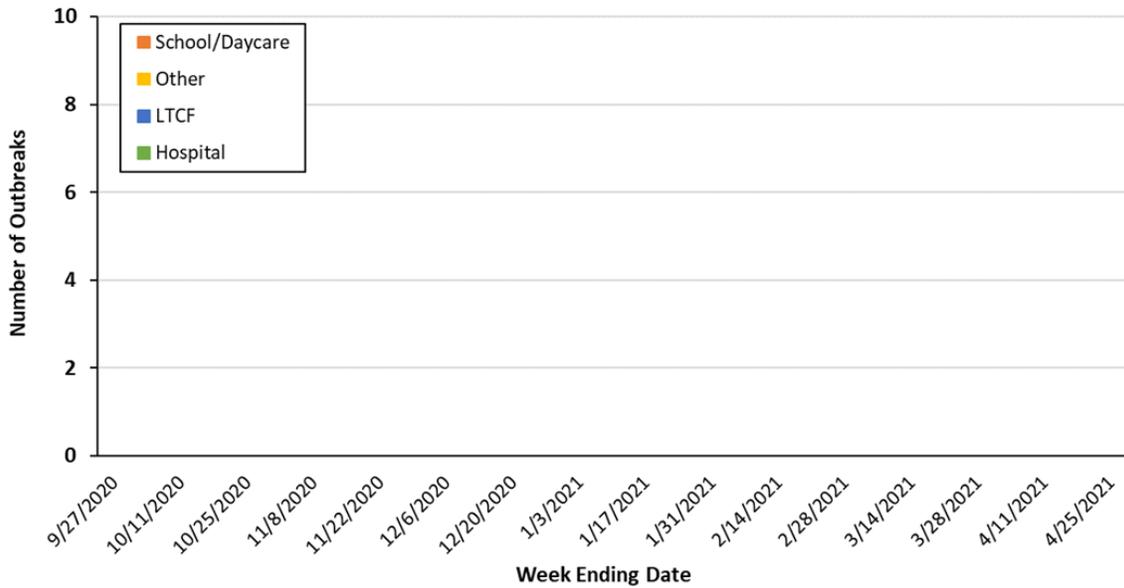
Portland Tri-County COVID-19 Hospitalizations: There were 38 COVID-19-associated hospitalizations among residents of Clackamas, Multnomah, and Washington counties reported during week 40 of 2020.

Figure 4. Portland Metro Area COVID-19-Associated Hospitalizations by Week and Age Group, 2020-2021 Season



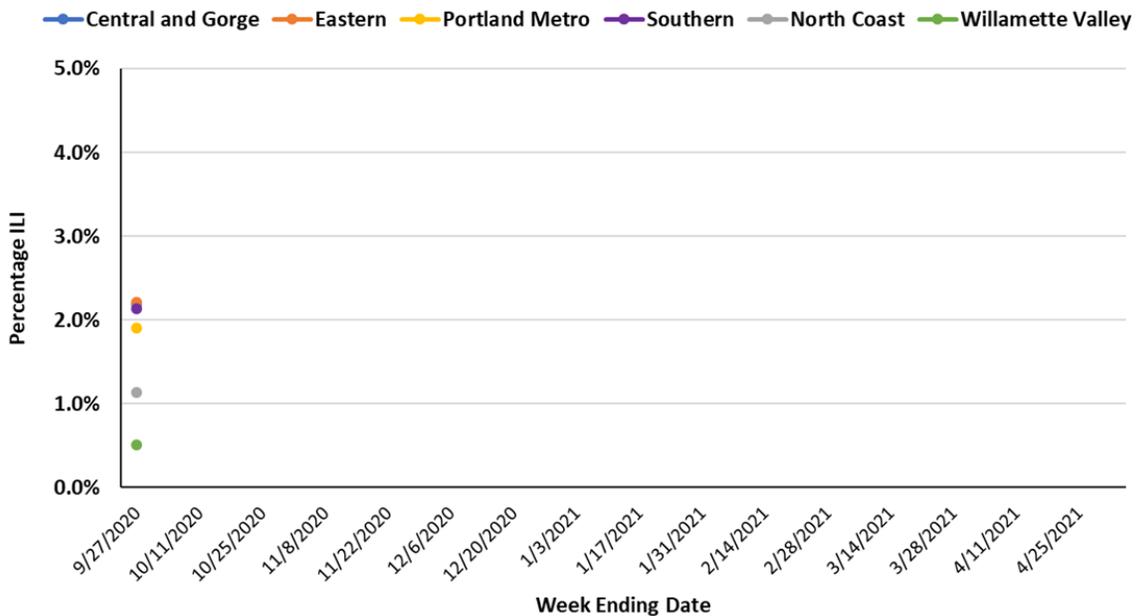
Influenza Outbreaks: There were no influenza outbreaks reported during Week 40, 2020 and none reported yet reported during in the 2020-2021 flu season.

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 17 voluntary reporting outpatient providers, 64 emergency departments and urgent care clinics reporting to ESSENCE, and 175 OCHIN clinics from across Oregon. The percent of outpatients seen with ILI across the state during week 40 of 2020 was 1.7%. Regionally, the percent was highest in the Eastern Oregon and Central Oregon and Gorge areas (2.2% in each) and lowest in the Willamette Valley (0.5%).

Figure 6. Percentage of Visits for ILI at Outpatient Clinics & Emergency Departments, by Oregon Region, 2020-2021



Influenza-Associated Pediatric Mortality Surveillance: Influenza-associated deaths in children 17 years of age and younger are nationally notifiable. There were no pediatric flu deaths in Oregon reported during week 40, 2020 and none yet reported to the Oregon Health Authority in the 2020—2021 flu season.

Vaccination Information: As of October 7th, Oregon’s ALERT Immunization Information System has received over 530,000 reports of influenza immunizations given to Oregon residents. While this season’s influenza immunization patterns are following last season, we are seeing increases in early immunization in many populations and regions. Seniors, middle-aged adults, and teenagers have all shown an increase in influenza immunization seeking compared to last year at this time. Unfortunately, no increase in immunization-seeking is evident for younger adult populations.

Figure 7. 2020-21 Season Oregon Flu Vaccine Doses in ALERT IIS by Week

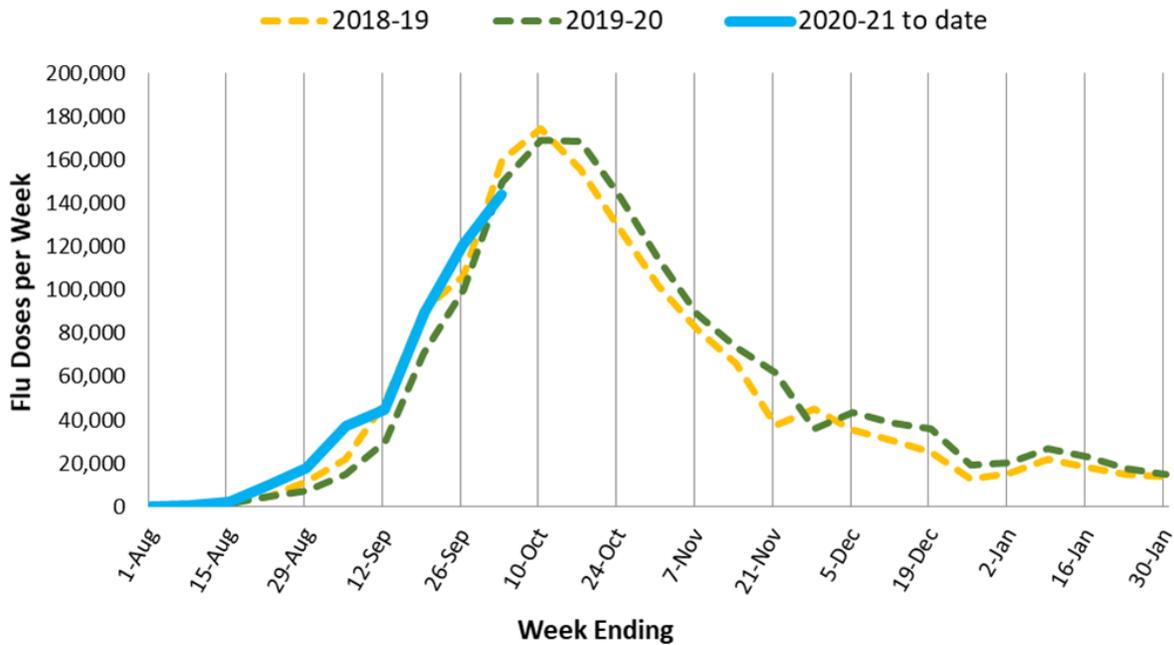
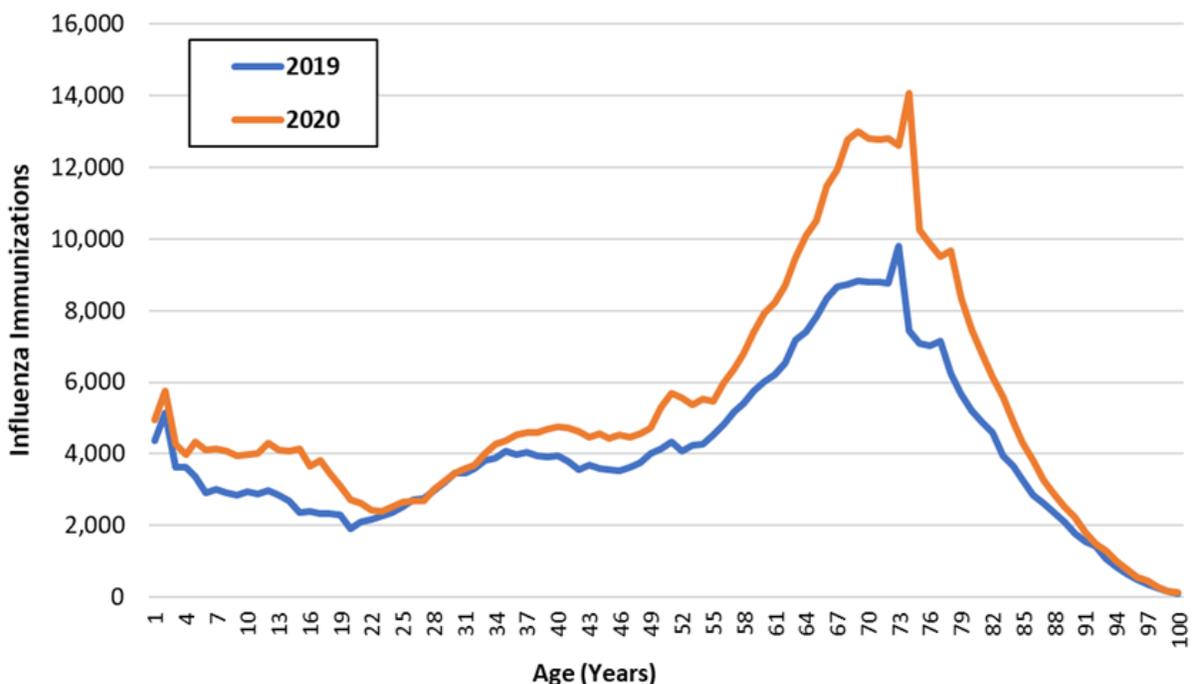


Figure 8. Seasonal Influenza Immunizations in Oregon by Age, As of Oct. 7th, 2020 vs 2019



US Data (from CDC FluView): Seasonal influenza activity remains **low** in the United States.

Viruses

- **Clinical Labs:** The percentage of respiratory specimens testing positive for influenza at clinical laboratories is 0.21% this week.
- **Public Health Labs:** Influenza activity has been low over the summer months. Few specimens have tested positive in the public health labs during the most recent weeks.
- **Virus Characterization:** Influenza virus characterization information will be updated weekly starting later this season.

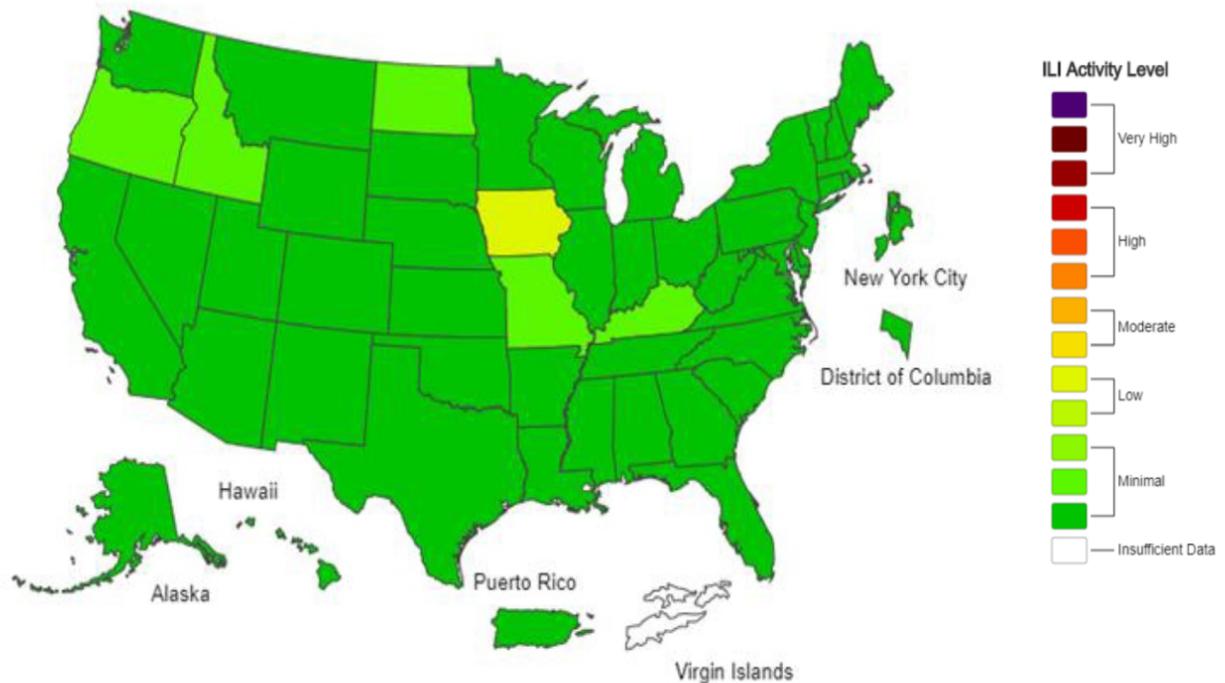
Illness

- **ILINet Outpatient Illness:** 1.1% of visits to a health care provider were for ILI. ILI activity remains below the national baseline of 2.6% but increased slightly from the previous week.
- **ILINet Activity Map:** This week, 1 jurisdiction experienced low activity while the remaining jurisdictions experienced minimal activity.

Severe Disease

- **Hospitalizations:** Hospitalization rates will be updated weekly starting later this season.
- **P&I Mortality:** 7.0% of deaths were attributed to pneumonia, influenza, or COVID-19 (PIC). This is above the epidemic threshold of 5.6%.
- **Pediatric Deaths:** No influenza-associated pediatric deaths occurring during the 2020-21 season have been reported to CDC. 189 deaths occurring during the 2019-20 season have been reported.

**Influenza-like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2020-2021 Influenza Season Week 40— October 3, 2020**



Map above: This map uses the proportion of outpatient visits to ILINet sentinel 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.