

FLU BITES

Oregon's Weekly Surveillance Report for Influenza and other Respiratory Viruses

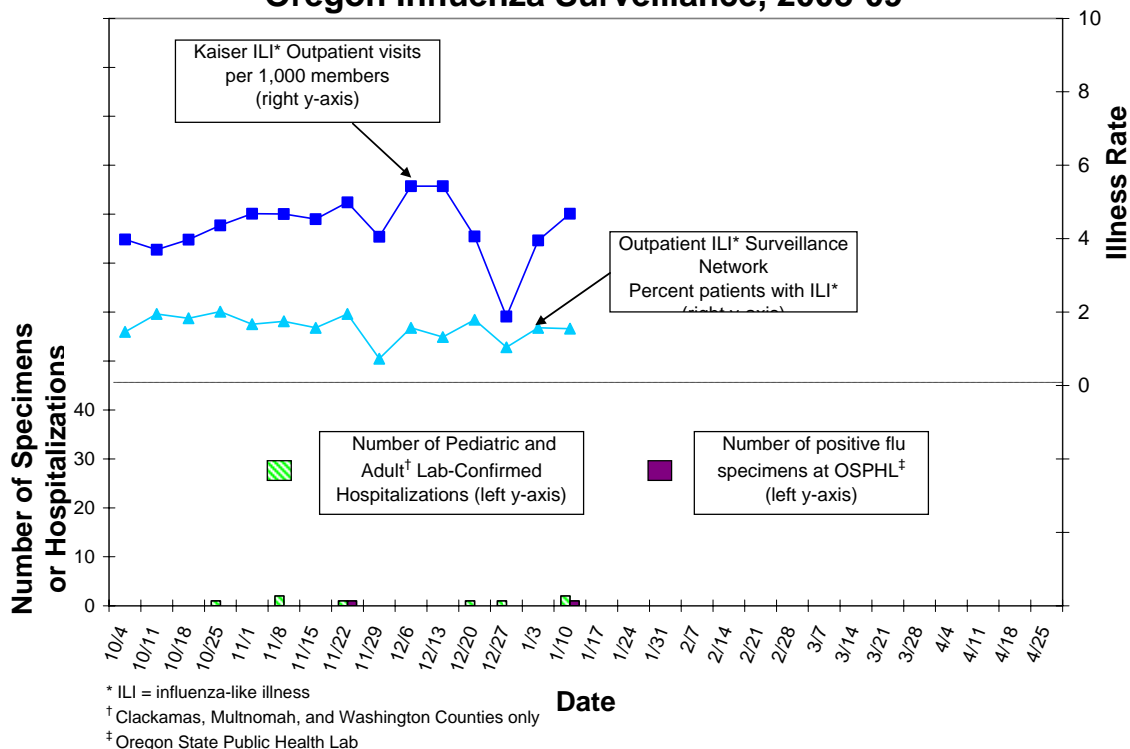
**For Week 15 of the 2008-09 Influenza Season
Ending January 10th, 2009 (calendar week 1)**



Summary

Four influenza A positives by culture were reported for week 15. One pediatric and one adult lab-confirmed influenza-associated hospitalization occurred during week 15. Kaiser Syndrome Surveillance and Oregon's Outpatient Influenza-like Illness (ILI) Surveillance activity was not increased. Other respiratory virus activity is beginning to appear in Oregon. The Oregon State Public Health Laboratory has detected respiratory syncytial virus (RSV), adenovirus and parainfluenza type 2, as well as influenza, in recent weeks.

Oregon Influenza Surveillance, 2008-09



Laboratory Surveillance (Culture and PCR)

This surveillance integrates virologic data from four reference labs in Oregon that conduct culture or PCR for influenza and other respiratory viruses; Legacy Health System Lab, Kaiser Permanente Northwest Lab, Providence Health & Services Lab, and Oregon State Public Health Lab (OSPHL).

Four influenza A specimens were detected during week 15 (Kaiser, Providence and Oregon State Public Health laboratories). A total of 17 specimens have been identified by culture or

PCR to date by Oregon reference labs; 3 influenza B and 14 influenza A. At this time we do not have information regarding influenza A subtypes that are circulating in Oregon.

OSPHL has also identified one adenovirus during week 15. More OSPHL data is available at <http://egov.oregon.gov/DHS/ph/acd/flu/labflu.shtml#stats>.

Laboratory-Confirmed Influenza Associated Hospitalizations

Laboratory-confirmed influenza-associated hospitalizations for all ages are reported for the Portland metropolitan area (Clackamas, Multnomah, and Washington counties). Patients must be admitted to the hospital and have tested positive for influenza by rapid test, direct or indirect fluorescent antibody test, culture, or PCR.

One pediatric hospitalization and one adult hospitalization were reported for week 15. A total of 6 adult hospitalizations have been reported so far this season occurring during weeks 4, 6, 8, 13, and 15. Two pediatric hospitalizations have been reported for weeks 52 and 2.

Kaiser Syndromic Surveillance

Oregon Public Health Division receives discharge diagnoses data for Kaiser Permanente Northwest member outpatient visits. Due to clinic closures during the snowstorm and holidays, outpatient visits for influenza-like-illness were severely decreased over the past few weeks and are now returning to normal levels.

For more information regarding this surveillance system please visit <http://egov.oregon.gov/DHS/ph/acd/flu/kaiserflu.shtml>.

Oregon Outpatient Influenza-like Illness Surveillance Network

Oregon's outpatient influenza-like-illness network is comprised of 21 voluntary healthcare providers from all across Oregon who report the number of patients with influenza-like-illness (ILI) as well as total number of patient visits for each week during the surveillance season. Influenza-like-illness (ILI) is defined as fever ($\geq 100^{\circ}\text{F}$) and cough and/or sore throat. The number of patient visits and the percent of patients with ILI for the last 3 weeks are presented below.

	Number of Patients Visits	Percent Patients with ILI	No. of Provider Reports
Week 15 (ended Jan 10 th)	772	1.55	8
Week 14 (ended Jan 3 rd)	892	1.57	10
Week 13 (ended Dec 27 th)	577	1.04	8

For more information on this surveillance network please visit: <http://egov.oregon.gov/DHS/ph/acd/flu/flusurv.shtml>.

Additional Resources: CDC Weekly Surveillance Report: <http://www.cdc.gov/flu/weekly/>