

Current Week's Data at a Glance: May 11—17, 2014 (Week 20)

Oregon Influenza-Like Illness (ILI) Activity Level¹	Minimal
Oregon Influenza Activity Geographic Spread²	Sporadic
Percent of outpatient visits for ILI	0.47%
Positive influenza tests³	0
Influenza-associated hospitalizations⁴	0
Reported ILI/Influenza outbreaks	0
Influenza-associated pediatric mortality	0
Respiratory Syncytial Virus (RSV) activity⁵	6%

¹Levels are determined by CDC. Based on proportion of outpatient visits— levels include minimal, low, moderate, and high.

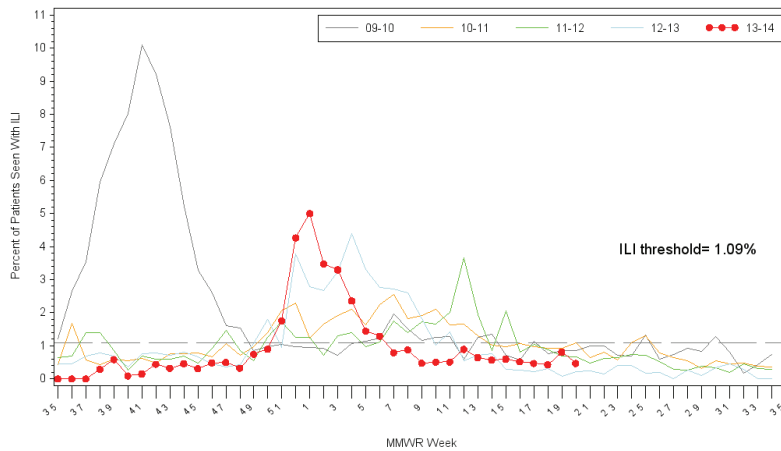
²Levels for geographic spread include no activity, sporadic, local, regional, and widespread.

³Reported by state public health lab (OSPHL) from outbreaks, tri-county hospitalizations, and sentinel ILI surveillance; includes only current week positive tests.

⁴Based on hospitalization surveillance in Clackamas, Multnomah, and Washington counties only.

⁵Percent positivity based on data from Oregon's RSV Laboratory Surveillance System.

Oregon Outpatient Influenza-Like Illness Surveillance Network (ILINet) 22MAY14
Percent of Outpatients with Influenza-like Illness (ILI)
2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014

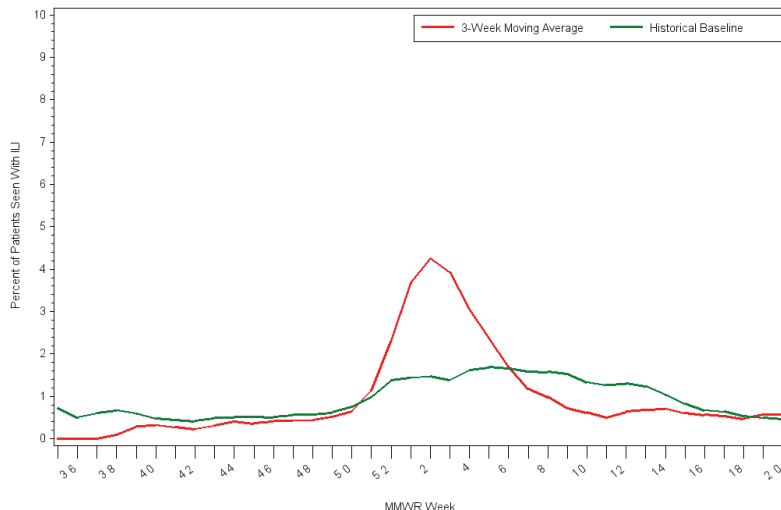


ILINet: Oregon's Outpatient Influenza-like Illness Surveillance Network: Oregon's outpatient influenza-like illness (ILI) network comprises 24 voluntary healthcare providers from across Oregon who report the number of patients with influenza-like illness as well as total number of patient visits for each week during the surveillance season. **The percent of outpatients seen with ILI for week 20 of 2014 was 0.47% which is below Oregon's seasonal threshold of 1.09%.***

Note: ILI is defined as fever ($\geq 100^{\circ}\text{F}$) and cough or sore throat. *The ILI baseline (threshold) is calculated as the mean percentage of visits for ILI during non-influenza weeks (weeks 21-39) with two standard deviations, and is based on the three previous years of data.

Surveillance weeks run from Sunday through Saturday
Sentinel providers report the number of patients seen with influenza-like illness as well as total patients seen each week.

Oregon Health Authority, Acute and Communicable Disease Prevention 22MAY14
Oregon Outpatient Influenza-Like Illness Surveillance Network (ILINet)
3-Week Moving Average of Percent of Outpatients with Influenza-like Illness (ILI)



The 3-week moving average for percent of outpatients seen with ILI is 0.57%, which is slightly higher than the historical moving average baseline for this week.

The 3-week moving average does not show actual weekly % ILI, but an average that includes the current week and preceding 2 weeks, and is used to smooth out fluctuations in the data. The historical baseline is the average 3-week moving averages over the preceding four flu seasons.

All FluBites data provided are preliminary, and may change as additional reports are received.

Laboratory Surveillance. The Oregon State Public Health Laboratory (OSPHL) is performing influenza typing and sub-typing by PCR on specimens from the following groups of patients:

- Patients seen by Oregon Sentinel providers from ILINet.
- Patients hospitalized with influenza-like illness in the Portland Tri-County area (Multnomah, Clackamas and Washington counties) as part of the CDC-funded study, The Influenza Hospitalization Network (FluSurv-NET).
- Patients identified as part of an outbreak of respiratory illness. Please report clusters of respiratory illness to the on-call ACDP epidemiologist at (971-673-1111), who will then make decisions about the need for testing at the OSPHL.

Tables 1 and 2 show the current week and cumulative totals (**since Oct. 1, 2013**) for influenza and other respiratory virus specimens tested at OSPHL.

Table 1. Oregon State Public Health Laboratory Influenza Specimen Type and Subtype, 2013-14.

	Current Week	Cumulative
Influenza A	0	455 (76%)
2009 H1N1	0	437 (73%)
Seasonal A H3	0	18 (3%)
Not subtyped	0	0
Influenza B	0	5 (<1%)
Undetected	2 (100%)	137 (23%)
Total Tested	0	597

Table 2. Oregon State Public Health Laboratory Non-Influenza Respiratory Viruses, 2013-14 .

	Current Week	Cumulative
Adenovirus	0	22 (15%)
Parainfluenza type 1	0	7 (5%)
Parainfluenza type 2	0	0
Parainfluenza type 3	0	1 (<1%)
Human Metapneumovirus	0	3 (2%)
RSV	0	0
Total Tested	2	148

Hospitalizations: In total, 623 hospitalizations were reported this season, October 1, 2013 through April 30, 2014 for Clackamas, Multnomah, and Washington counties.

Outbreaks: No ILI/influenza outbreaks were reported for week 20. Seventeen total ILI/influenza outbreaks have been reported since October 1 (8 of which were confirmed influenza).