



# Whatcom County 2018-19 Influenza Report

## Week 2, January 6-12, 2019

Published by: WCHD Communicable Disease & Epidemiology Division

### Summary

During week 2 there were fifteen positive influenza A tests reported by Quest Diagnostics at PeaceHealth. Five positive influenza A tests were reported by Family Care Network. There were three hospitalizations related to influenza-like-illness. No deaths related to influenza were reported during week 2. Of the number of people presenting at the emergency department during week 2, twenty-eight had influenza-like illnesses. There were no new influenza outbreaks reported by long term care facilities in Whatcom County. Twenty-five schools in Whatcom County reported elevated absenteeism rates during week 2. The outpatient sentinel clinics reported fourteen ILI (influenza-like illness) visits.

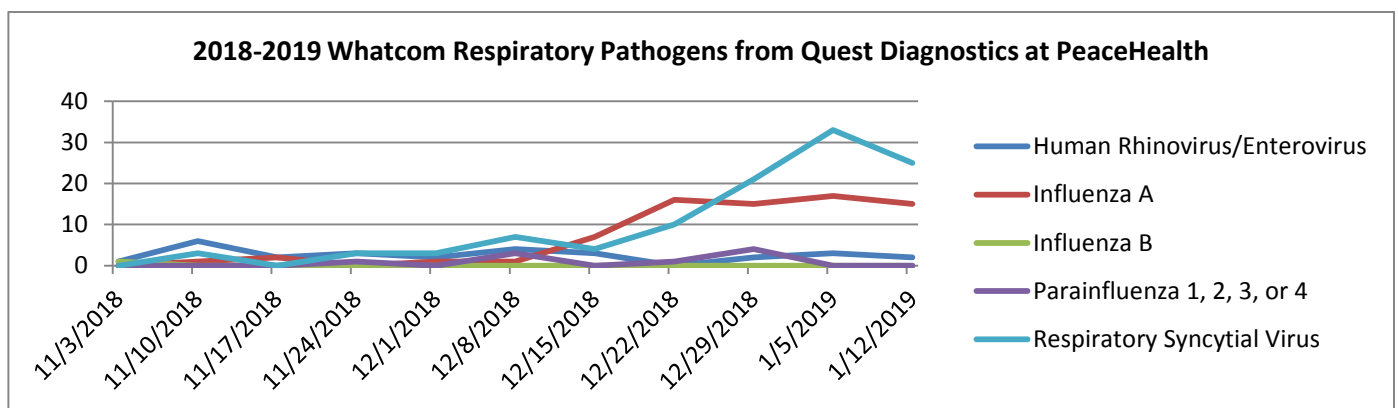
There have been 0 lab confirmed, influenza-related deaths reported in Whatcom County to date this flu season.

### Laboratory Data

The total number of influenza A and Influenza B tests and the percentage positive is an indicator of influenza activity in the community. Respiratory pathogen data can provide an indicator of other causes of viral respiratory illness in the community. The information in the first table is from Quest Diagnostics at PeaceHealth. The information in the second table is from Family Care Network's Point of Care Testing.

#### Quest Diagnostics at PeaceHealth

CDC Week	49	50	51	52	1	2
End date	12/8/2018	12/15/2018	12/22/2018	12/29/2018	01/05/2019	01/12/2019
<b>Influenza</b>						
Total tests	101	122	162	187	188	181
N(%) Positive A	1(1.0%)	7(5.7%)	16(9.9%)	15(8.0%)	17(9.0%)	15(8.3%)
N(%) Positive B	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)



## Family Care Network's Point of Care Testing

Date Range	12/1/2018-12/7/2018	12/8/2018-12/14/2018	12/5/2018-12/21/2018	12/22/2018-12/28/2018	12/29/2018-1/4/2019	1/5/2019-1/11/2019
<b>Influenza</b>						
Total tests	11	17	31	24	32	23
N(%) Positive A	0(0%)	0(0%)	7(22.6%)	1(4.2%)	6(18.8%)	5(21.7%)
N(%) Positive B	0(0%)	0(0%)	2(6.5%)	0(0%)	0(0%)	0(0%)

## Syndromic Surveillance Data

The Whatcom County Health Department monitors emergency department visits at PeaceHealth St. Joseph Medical Center through the National Syndromic Surveillance Program. Of the number of people presenting at the emergency department during week 2, twenty-eight had influenza-like illnesses. This is down from thirty-three people with influenza-like illnesses during week 1.

## Nursing Homes

Influenza reporting requirements include outbreaks of influenza-like-illness in institutional settings such as long term care facilities. Because some elderly people with influenza may not have a prominent fever, outbreaks are defined as either more acute febrile respiratory illnesses (>2 cases within 72 hours of each other) within the facility, or any resident testing positive for influenza. There were no new influenza outbreaks reported by long term care facilities in Whatcom County during week 2.

## School Absenteeism

All seven Whatcom County school districts report school absenteeism to the Washington School Information Processing Center. This data included both excused and unexcused absences. Although there may be an association between absences and illness, it is not possible to determine causation from this dataset. Twenty-five schools (out of fifty-three schools reporting) in Whatcom County reported at least one day during week 2 on which their absenteeism rate exceeded 10%.

## Outpatient Clinic Visits

Two Whatcom County medical practices are CDC Sentinel Influenza Surveillance sites and report weekly the number of patients seen and number of those with influenza-like-illness (ILI). ILI is defined as fever 100 degrees F or 37.8 degrees C (oral or equivalent) or higher AND cough and/or sore throat [in the absence of a known cause other than influenza].

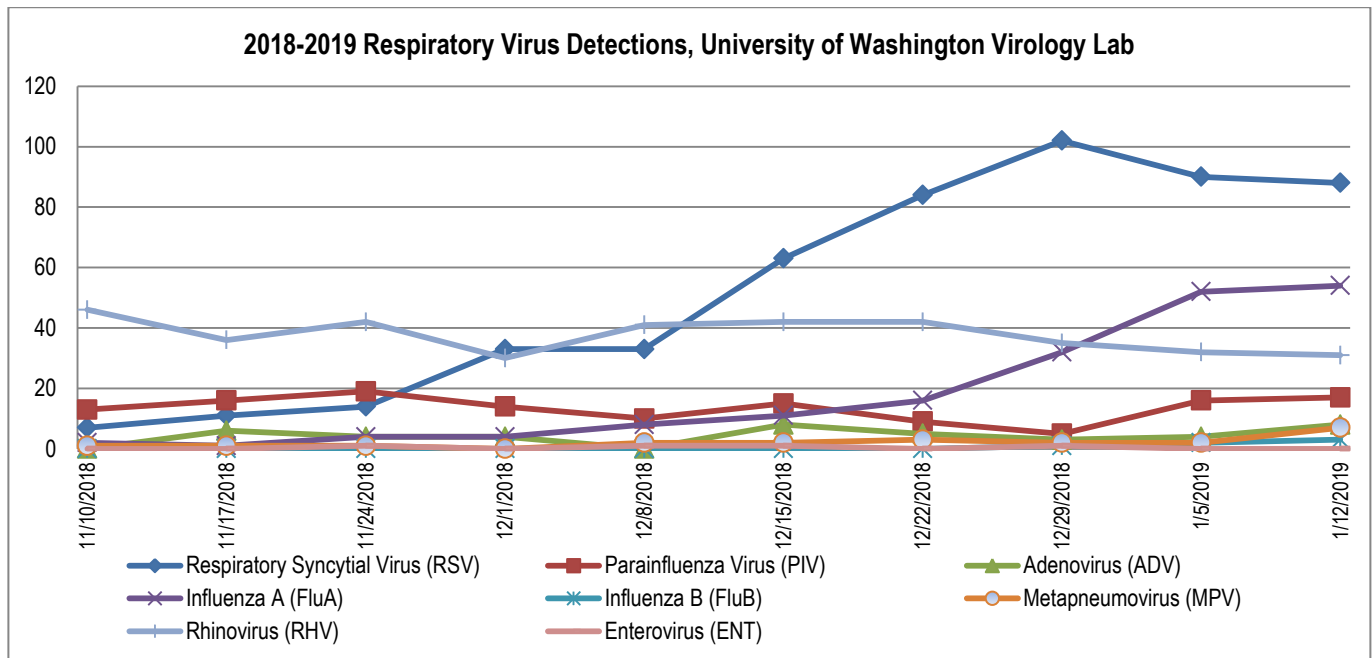
	CDC Week	49	50	51	52	1	2
End date		12/8/2018	12/15/2018	12/22/2018	12/29/2018	1/5/2019	1/12/2019
Clinic A							
	Total visits	372	251	0	0	0	309
	% ILI	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)	0(0%)
Clinic B							
	Total visits	56	67	25	0	40	97
	% ILI	2(3.6%)	0(0%)	0(0%)	0(0%)	1(2.5%)	14(14.4%)

## Washington State News

According to the Washington State Department of Health's most recent influenza update, flu activity was elevated during week 1 in Washington. Ten influenza-like illness outbreaks in long term care facilities have been reported for the 2018-2019 season to date. During week 1, 1.4 percent of visits among Influenza-like illness Network participants were for influenza-like illness, above the baseline of 1.1 percent. During week 1, 9.7 percent of specimens tested by WHO/NREVSS collaborating laboratories in Washington were positive for influenza. Influenza A and Influenza B were reported during week 1. Fifteen lab-confirmed influenza deaths have been reported for the 2018-2019 season to date.

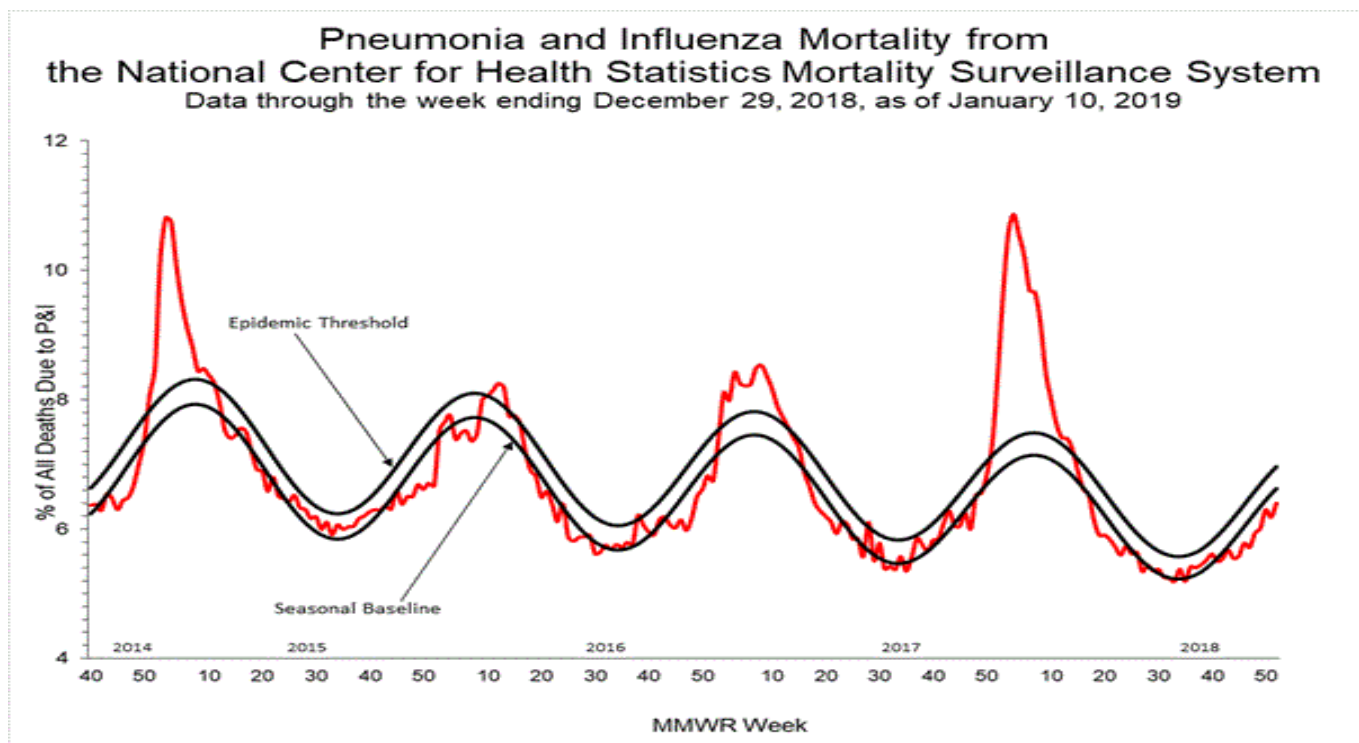
## University of Washington

According to the University of Washington's most recent Virology Laboratory Respiratory Virus Detection report, there were fifty-four positive influenza A tests, and three positive influenza B tests, during CDC week 2.



## Pneumonia and Influenza Mortality Surveillance

The most current National Center for Health Statistics (NCHS) mortality surveillance data is included below for reference. Of the deaths occurring during the week ending December 29, 2018 (week 52), 6.4% were due to pneumonia and influenza. This percentage is below the epidemic threshold of 7.0% for week 52.



## Links to other influenza reports

[WA State Department of Health Weekly Influenza Updates](#)

[BC Centre for Disease Control](#)

[Centers for Disease Control Weekly Flu View](#)

[University of Washington Respiratory & Enteric Viruses](#)

[World Health Organization Influenza Page](#)

[HealthMap](#)



The mission of the Whatcom County Health Department is to lead the community in promoting health and preventing disease.

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