

# Influenza Update: May 9, 2020

## During the week ending May 9, 2020:

- There were no new influenza-related deaths and no new outbreaks reported this week. Thirty-six deaths and 25 outbreaks at long-term care facilities have been reported this season (since 9/29/2019).
- The percent of positive tests for respiratory viral pathogens at King County laboratories was below levels observed this time of year and below peak levels observed during the previous five seasons. COVID-19 testing is not currently included in laboratory reporting of respiratory pathogens.
- During the week ending May 9th, the percent of emergency department (ED) visits for influenza-like illness (ILI) was below baseline levels among all ages combined, and among each individual age group. The percent of ED ILI visits was on a downward trend for eight weeks following a peak in week 10, and has plateaued over the past week. Among every age group except for adults ages 65 years and older, the percent of ED ILI visits overall this season is higher than observed during each of the previous five influenza seasons. The percent of ED ILI visits has been highest among pediatric age groups, peaking at or above four of the previous five influenza seasons. This season, the percent of admissions for influenza has been highest among adults ages 65 years and older, but below levels observed during each of the previous five influenza seasons.

## At a glance

	<u>Week Ending</u> <u>05/09/2020</u>	<u>Since 09/29/2019</u>	<u>5-Year Average to Date</u>	
Laboratory-confirmed influenza deaths	0	36	47.2	
Respiratory disease outbreaks at long-term care facilities (LTCFs)	0	25	56	
Percentage positive influenza tests by PCR <sup>1</sup>	0%	Season Peak	25.1%	
Number of labs reporting	5	Weekly Average	8	
Number of specimens tested	133	Weekly Average	1413	
Percentage of emergency department (ED) visits for ILI <sup>2</sup>	0.76%	Season Peak	6.93%	5-Year Average to Date 3.03%

<sup>1</sup>Based on King County hospital laboratory and sentinel provider submissions to CDC's National Respiratory and Enteric Virus Surveillance System (NREVSS).

NREVSS data not available for all previous seasons due to change in reporting procedures. Changes in facilities reporting to NREVSS may impact counts.

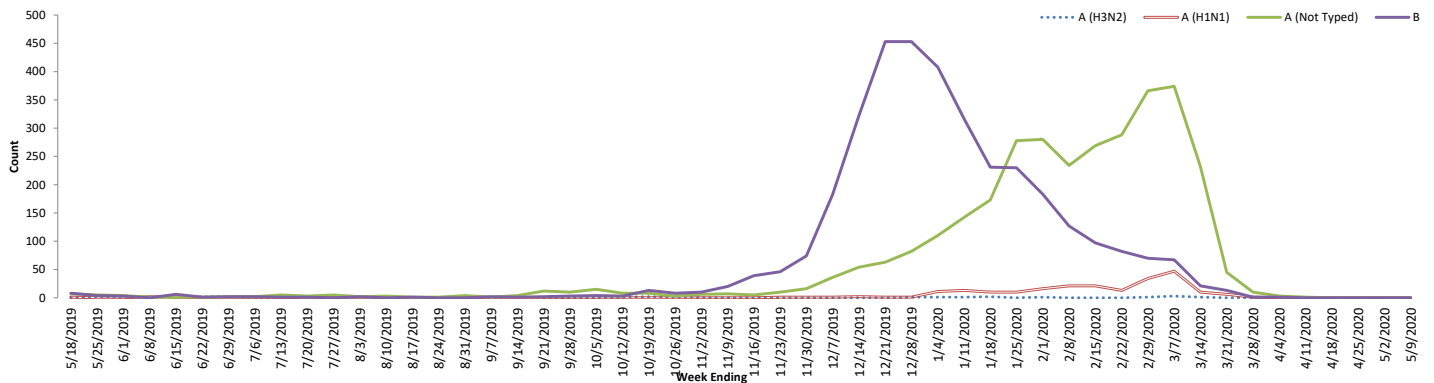
<sup>2</sup>Based on Public Health - Seattle & King County's syndromic surveillance data representing aggregate percent of visits to King County EDs.

## Submissions to NREVSS by King County labs, PCR testing only

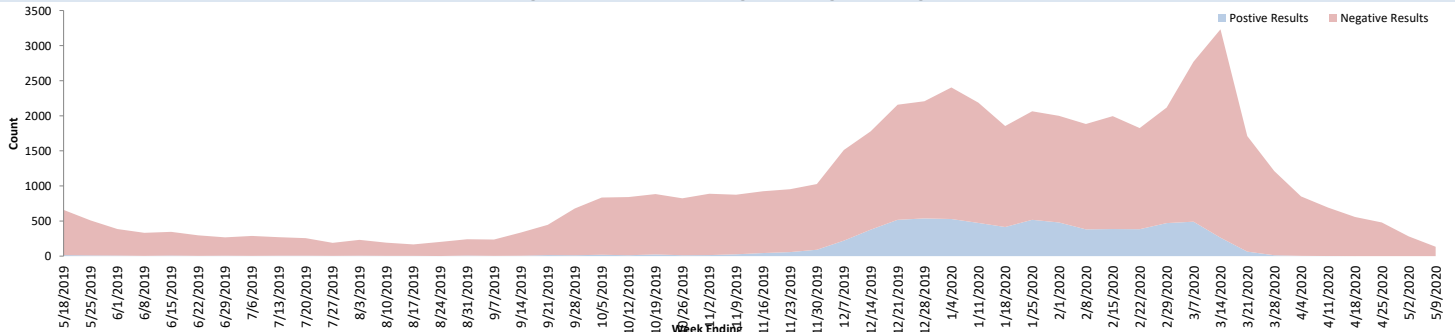
Week #	Week ending	# Labs reporting	A (H1N1)	A (H3N2)	A (Not typed)	B	# Tested	% Flu positive
16	4/18/2020	8	0	0	0	0	558	0%
17	4/25/2020	8	0	0	0	0	479	0%
18	5/2/2020	7	0	0	0	0	282	0%
19	5/9/2020	5	0	0	0	0	133	0%

## Influenza results by subtype, PCR testing only (NREVSS)

Positive Influenza Results by Subtype, Using PCR Testing Methodologies



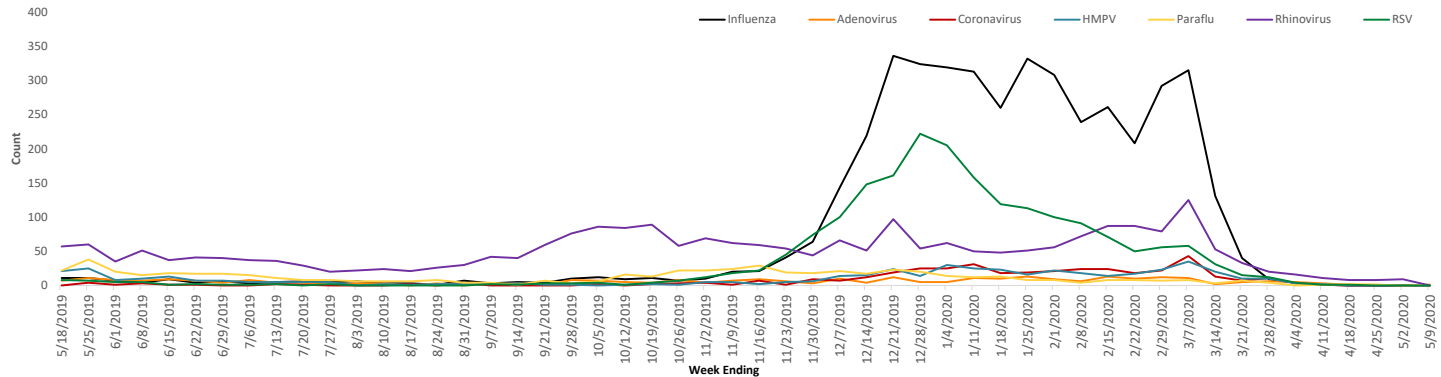
Positive and Negative Influenza Results, Using PCR Testing Methodologies



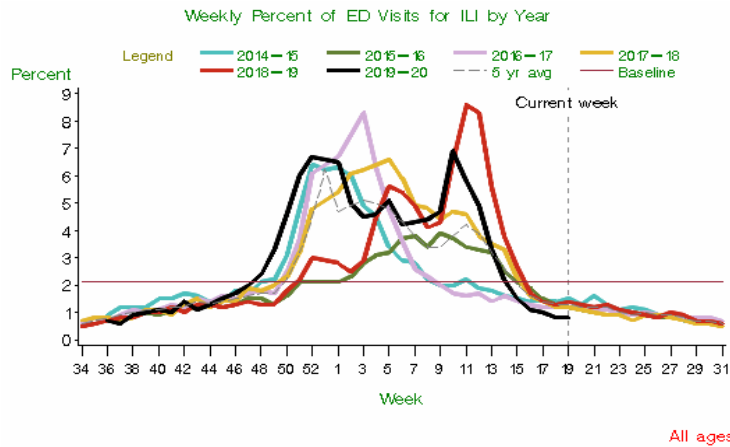
# Public Health - Seattle & King County

## Summary of Influenza Syndromic and Laboratory Surveillance

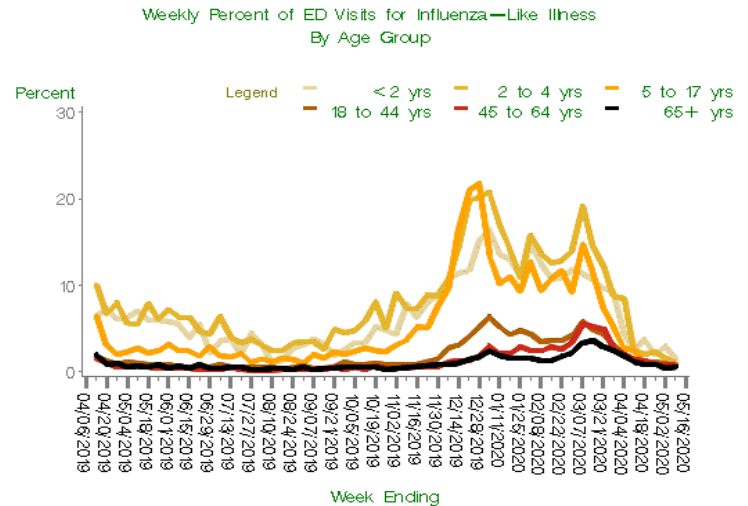
### Influenza and other respiratory pathogens, PCR testing only (NREVSS)



### King County syndromic surveillance



Note: The change from ICD-9 to ICD-10 codes in October 2015 may impact trends.  
 Last updated May 10, 2020 ; 'current week' is week ending May 9, 2020  
 Baseline: Mean % ILI during non-flu weeks for previous three seasons, adding two standard deviations.  
 A non-flu week is a period of 2+ consecutive weeks where each one accounted for <2% of the season's total number of specimens that tested positive for influenza by PCR.

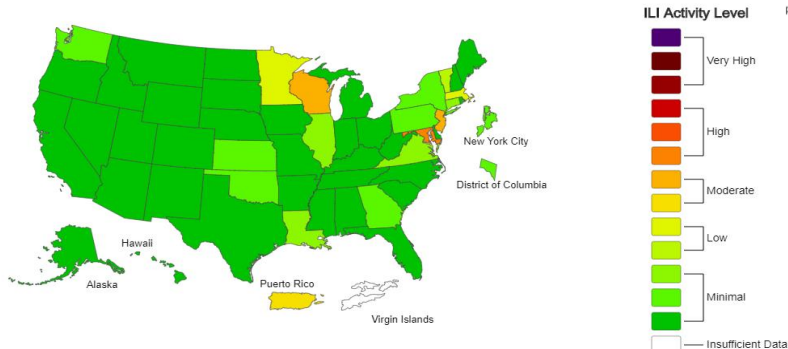


ALLHOSPITALS, Last Updated May 12, 2020

### National data from CDC



A Weekly Influenza Surveillance Report Prepared by the Influenza Division  
 Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet  
 2019-20 Influenza Season Week 18 ending May 02, 2020



\*This map uses the proportion of outpatient visits to healthcare providers for influenza-like illness to measure the ILI activity level within a state. It does not, however, measure the extent of geographic spread of flu within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.  
 \*Data collected in ILINet may disproportionately represent certain populations within a state, and therefore may not accurately depict the full picture of influenza activity for the whole state.  
 \*Data displayed in this map are based on data collected in ILINet, whereas the State and Territorial flu activity map are based on reports from state and territorial epidemiologists. The data presented in this map is preliminary and may change as more data is received.  
 \*Differences in the data presented by CDC and state health departments likely represent differing levels of data completeness with data presented by the state likely being the more complete.

### Please report any of the following:

- Laboratory-Confirmed influenza-associated deaths
- Patients with novel or unsubtypeable influenza viruses
- Outbreaks of influenza-like illness in a long-term care facility

### Reporting Timeframe

Within 3 business days  
 Immediately  
 Immediately

### Contact Information

Phone: (206) 296-4774  
 Fax: (206) 296-4803

Public Health  
 Seattle & King County



### Additional Resources:

[Additional King County Flu Information, Resources, and Surveillance](#)  
[UW Virology Laboratory Respiratory Virus Surveillance](#)  
[Washington State Influenza Surveillance Update](#)

[National Influenza Update](#)  
[Global Influenza Update](#)

Report updated on 5/13/2020

# Public Health - Seattle & King County

## Summary of Influenza Deaths and Long-Term Care Facility (LTCF) Influenza Outbreaks

Confirmed cases as of week 19 (ending 05/09/20)													
	2019-2020		2018-2019		2017-2018		2016-2017		2015-2016		2014-2015		5-year avg
Influenza Deaths in Week 19	0		0		3		0		0		0		0.6
Influenza deaths, season to date (since 9/29/2019)	36		51		45		83		16		41		47.2
LTCF Outbreaks in Week 19	0		0		1		0		0		0		0.2
LTCF Outbreaks, season to date (since 9/29/2019)	25		43		66		92		17		61		55.8
	2019-2020		2018-2019		2017-2018		2016-2017		2015-2016		2014-2015		5-year avg
Total Seasonal LTCF Outbreaks	25		43		68		92		18		65		57.2
Flu type:													
A	12	48%	37	86%	15	22%	62	67%	7	39%	49	75%	34 59%
B	4	16%	0	0%	6	9%	3	3%	7	39%	4	6%	4 7%
A and B	2	8%	1	2%	5	7%	4	4%	0	0%	2	3%	2.4 4%
Info not available	7	28%	5	12%	42	62%	23	25%	4	22%	10	15%	16.8 29%
	2019-2020		2018-2019		2017-2018		2016-2017		2015-2016		2014-2015		5-year avg
Total Seasonal Influenza Deaths	36		52		50		84		16		43		49
Flu type:													
A	22	61%	48	92%	33	66%	75	89%	10	63%	40	93%	41.2 84%
H1/H1N1	8	22%	11	21%	1	2%	1	1%	6	38%	0	0%	3.8 8%
H3	1	3%	5	10%	6	12%	18	21%	1	6%	7	16%	7.4 15%
A (not typed)	13	36%	32	62%	26	52%	56	67%	3	19%	33	77%	30 61%
B	14	39%	2	4%	11	22%	7	8%	6	38%	3	7%	5.8 12%
Not typed	0	0%	2	4%	6	12%	1	1%	0	0%	0	0%	1.8 4%
Sex:													
Male	19	53%	27	52%	17	34%	41	49%	7	44%	17	40%	21.8 44%
Female	17	47%	25	48%	33	66%	43	51%	9	56%	26	60%	27.2 56%
Age:													
Under 5 years	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%
5 - 17	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0 0%
18 - 44	4	11%	1	2%	0	0%	1	1%	3	19%	1	2%	1.2 2%
45 - 64	4	11%	13	25%	7	14%	5	6%	5	31%	6	14%	7.2 15%
65+ years	26	72%	38	73%	43	86%	78	93%	8	50%	36	84%	40.6 83%
Average	67.9		73.6		81.1		81.9		64.9		81.7		76.6
Race:													
White	22	61%	35	67%	33	66%	54	64%	12	75%	35	81%	33.8 69%
Asian	2	6%	5	10%	2	4%	13	15%	2	13%	1	2%	4.6 9%
Black	1	3%	1	2%	3	6%	4	5%	2	13%	5	12%	3 6%
Amer Indian	1	3%	1	2%	0	0%	0	0%	0	0%	0	0%	0.2 0%
Hispanic/Latino	3	8%	2	4%	2	4%	3	4%	0	0%	1	2%	1.6 3%
Other	0	0%	0	0%	1	2%	1	1%	0	0%	1	2%	0.6 1%
Unknown	7	19%	8	15%	9	18%	9	11%	0	0%	0	0%	5.2 11%
Flu vaccine status													
Up to date	14	39%	16	31%	26	52%	39	46%	6	38%	21	49%	21.6 44%
Not up to date	15	42%	19	37%	10	20%	20	24%	8	50%	5	12%	12.4 25%
Unknown	7	19%	17	33%	14	28%	25	30%	2	13%	17	40%	15 31%
Report updated on 5/13/2020													