

Influenza Update: October 12, 2019

During the week ending October 12, 2019:

- There were no new influenza-related deaths and no new outbreaks reported this week. One death and two outbreaks at long-term care facilities have been reported this season (since 9/29/2019).
- Based on data from King County laboratories, rhinovirus was the most commonly identified respiratory pathogen, followed by influenza. The percent of positive tests for respiratory viral pathogens was comparable to or below rates observed this time of year and below peak levels observed during the previous five seasons.
- The percent of visits to King County emergency departments (ED) for influenza-like illness (ILI) was below baseline levels, and below peak levels observed during the previous 5 influenza seasons. The magnitude of ED ILI visits relative to the total number of ED visits was highest among the pediatric population, but comparable to trends observed at this time of the year during each of the past 5 seasons.

At a glance

	Week Ending 10/12/2019	Since 09/29/2019	5-Year Average to Date
Laboratory-confirmed influenza deaths	0	1	0.2
Respiratory disease outbreaks at long-term care facilities (LTCFs)	0	2	1
Percentage positive influenza tests by PCR ¹	2%	Season Peak	2.3%
Number of labs reporting	3	Weekly Average	5
Number of specimens tested	298	Weekly Average	568
Percentage of emergency department (ED) visits for ILI ²	0.96%	Season Peak	1.06%
		5-Year Average to Date	1.05%

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

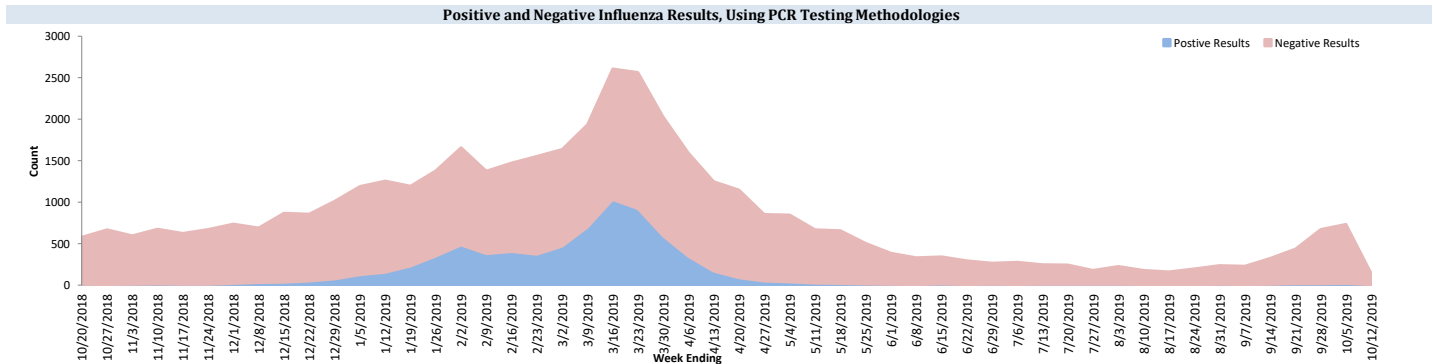
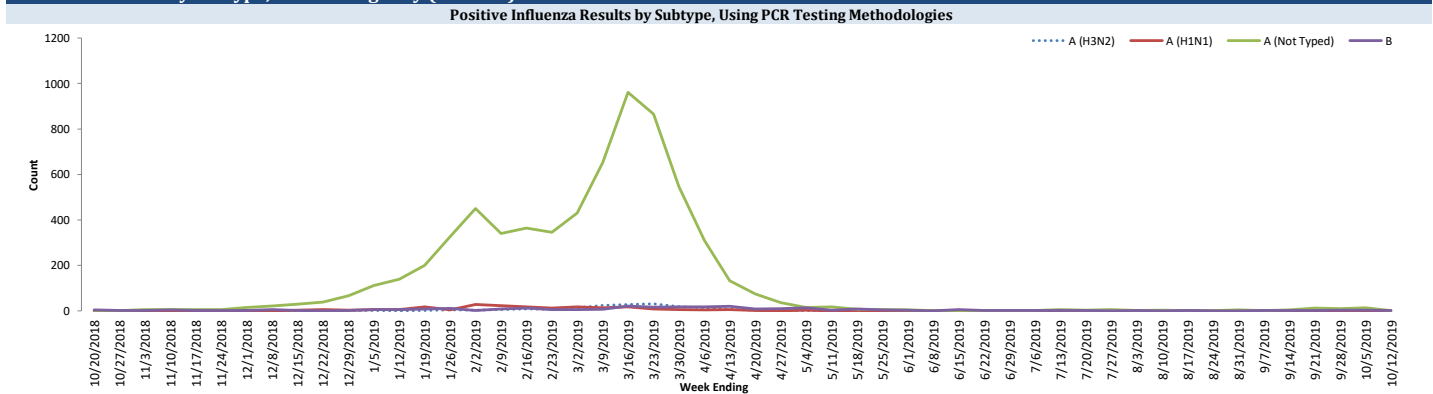
NREVSS data not available for all previous seasons due to change in reporting procedures. Changes in facilities reporting to NREVSS may impact counts.

²Based 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

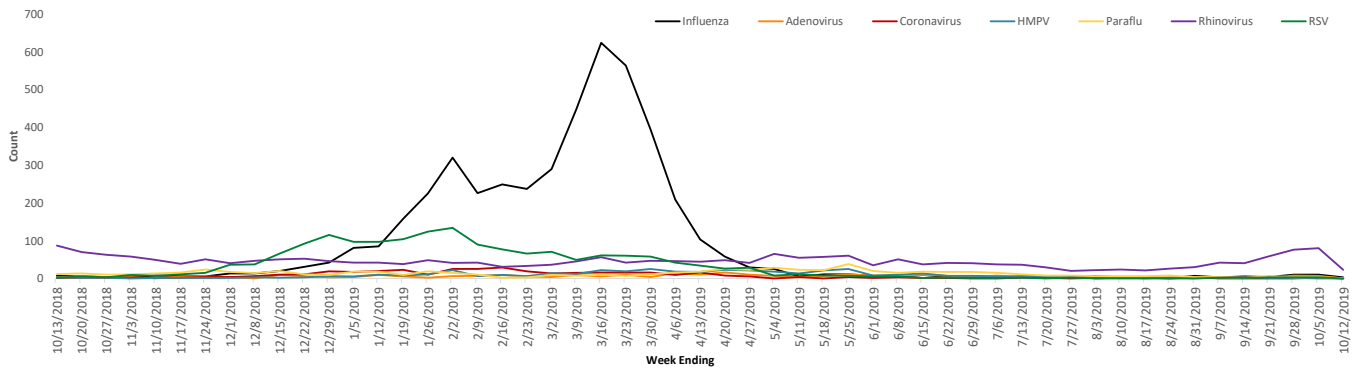
Week #	Week ending	# Labs reporting	A (H1N1)	A (H3N2)	A (Not typed)	B	# Tested	% Flu positive
38	9/21/2019	5	0	0	9	2	411	2.7%
39	9/28/2019	7	0	0	10	3	673	1.9%
40	10/5/2019	6	0	0	14	3	734	2.3%
41	10/12/2019	3	0	0	3	3	298	2%

Influenza results by subtype, PCR testing only (NREVSS)

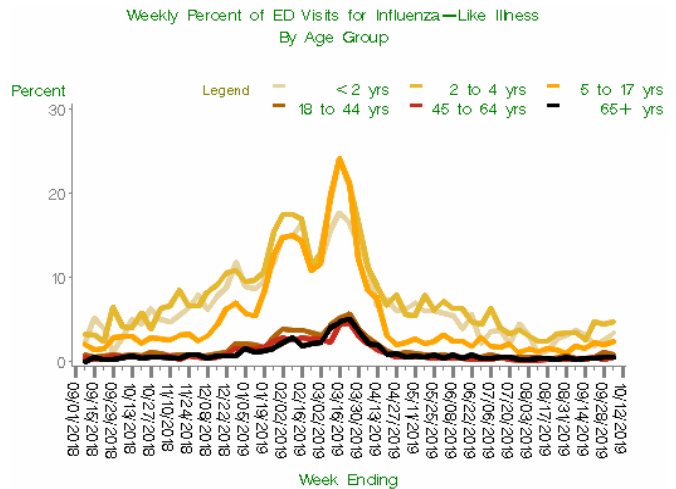
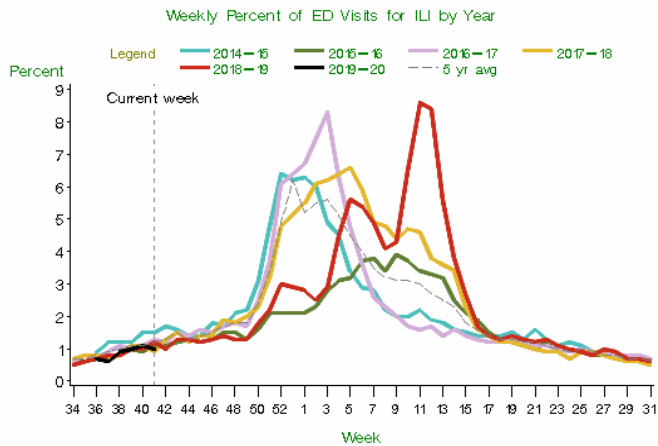


Public Health - Seattle & King County

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



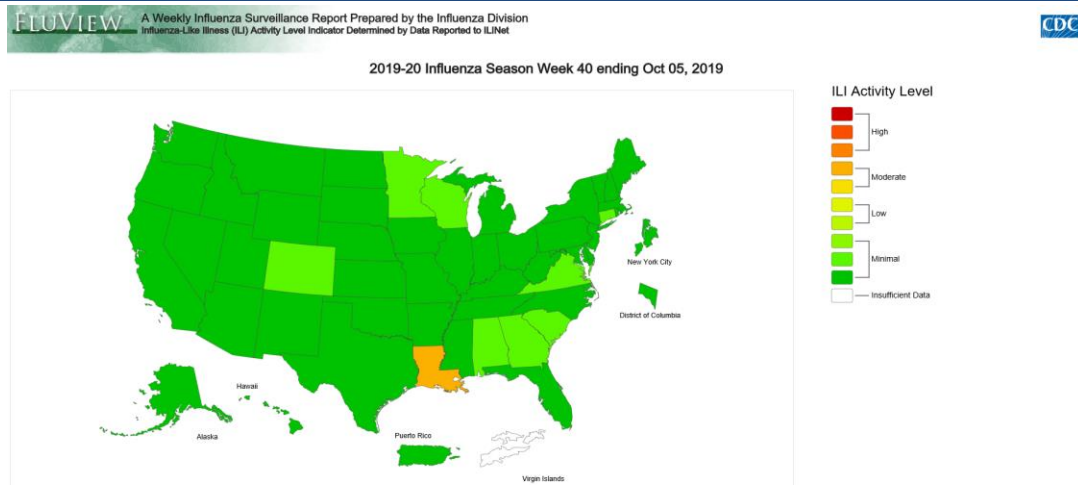
King County syndromic surveillance



Note: The change from ICD-9 to ICD-10 codes in October 2015 may impact trends.
Last updated Oct 13, 2019 ; 'current week' is week ending Oct 12, 2019

ALL-HOSPITALS, Last Updated Oct 12, 2019

National data from CDC



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 10/16/2019

Public Health - Seattle & King County

Confirmed cases as of week 41 (ending 10/12/19)														
	2019-2020		2018-2019		2017-2018		2016-2017		2015-2016		2014-2015		5-year avg	
Influenza Deaths in Week 41	0		0		0		1		0		0		0.2	
Influenza deaths, season to date (since 9/29/2019)	1		0		0		1		0		0		0.2	
LTCF Outbreaks in Week 41	0		0		0		2		1		0		0.6	
LTCF Outbreaks, season to date (since 9/29/2019)	2		1		0		4		1		0		1.2	
	2019-2020		2018-2019		2017-2018		2016-2017		2015-2016		2014-2015		5-year avg	
Total Seasonal LTCF Outbreaks	2		43		68		92		18		65		57.2	
Flu type:														
A	1	50%	37	86%	15	22%	62	67%	7	39%	49	75%	34	59%
B	0	0%	0	0%	6	9%	3	3%	7	39%	4	6%	4	7%
A and B	0	0%	1	2%	5	7%	4	4%	0	0%	2	3%	2.4	4%
Info not available	1	50%	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	1		52		50		84		16		43		49	
Flu type:														
A	1	100%	48	92%	33	66%	75	89%	10	63%	40	93%	41.2	84%
H1/H1N1	0	0%	11	21%	1	2%	1	1%	6	38%	0	0%	3.8	8%
H3	0	0%	5	10%	6	12%	18	21%	1	6%	7	16%	7.4	15%
A (not typed)	1	100%	32	62%	26	52%	56	67%	3	19%	33	77%	30	61%
B	0	0%	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	1	100%	27	52%	17	34%	41	49%	7	44%	17	40%	21.8	44%
Female	0	0%	25	48%	33	66%	43	51%	9	56%	26	60%	27.2	56%
Age:														
Under 5 years	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
5 - 17	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
18 - 44	0	0%	1	2%	0	0%	1	1%	3	19%	1	2%	1.2	2%
45 - 64	0	0%	13	25%	7	14%	5	6%	5	31%	6	14%	7.2	15%
65+ years	1	100%	38	73%	43	86%	78	93%	8	50%	36	84%	40.6	83%
Average	85		73.6		81.1		81.9		64.9		81.7		76.6	
Race:														
White	1	100%	35	67%	33	66%	54	64%	12	75%	35	81%	33.8	69%
Asian	0	0%	5	10%	2	4%	13	15%	2	13%	1	2%	4.6	9%
Black	0	0%	1	2%	3	6%	4	5%	2	13%	5	12%	3	6%
Amer Indian	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	0.2	0%
Hispanic/Latino	0	0%	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	0	0%	8	15%	9	18%	9	11%	0	0%	0	0%	5.2	11%
Flu vaccine status														
Up to date	0	0%	16	31%	26	52%	39	46%	6	38%	21	49%	21.6	44%
Not up to date	1	100%	19	37%	10	20%	20	24%	8	50%	5	12%	12.4	25%
Unknown	0	0%	17	33%	14	28%	25	30%	2	13%	17	40%	15	31%
Report updated on 10/16/2019														