Public Health - Seattle & King County Summary of Influenza Syndromic and Laboratory Surveillance

Influenza Update: June 13, 2020

During the week ending June 13, 2020:

• There were no new influenza-related deaths and no new outbreaks reported this week. Thirty-nine 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 June 13th, 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. 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.

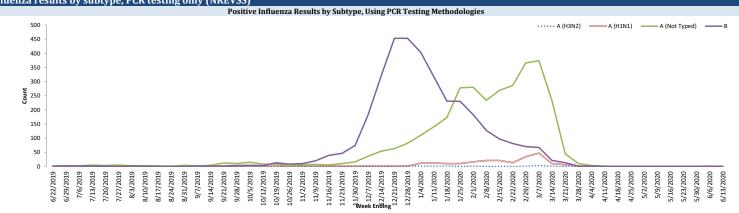
At a glance			
	<u>Week Ending</u> 06/13/2020	Since 09/29/2019	5-Year Average to Date
Laboratory-confirmed influenza deaths	0	39	48.6
Respiratory disease outbreaks at long-term care facilities (LTCFs)	0	25	57
Percentage positive influenza tests by PCR ¹	0%	Season Peak 25.1	%
Number of labs reporting	5	Weekly Average 10	
Number of specimens tested	96	Weekly Average 125	5
Percentage of emergency department (ED) visits for ILI ²	0.40%	Season Peak 6.93	3% 5-Year Average to Date 2.75%

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 ending	# Labs reporting	A (H1N1)	A (H3N2)	A (Not typed)	В	# Tested	% Flu positive							
5/23/2020	21	0	0	0	0	211	0%							
5/30/2020	9	0	0	0	0	201	0%							
6/6/2020	8	0	0	0	1	110	0.9%							
6/13/2020	5	0	0	0	0	96	0%							
	Week ending 5/23/2020 5/30/2020 6/6/2020	Week ending # Labs reporting 5/23/2020 21 5/30/2020 9 6/6/2020 8	Week ending # Labs reporting A (H1N1) 5/23/2020 21 0 5/30/2020 9 0 6/6/2020 8 0	Week ending # Labs reporting A (H1N1) A (H3N2) 5/23/2020 21 0 0 5/30/2020 9 0 0 6/6/2020 8 0 0	Week ending # Labs reporting A (H1N1) A (H3N2) A (Not typed) 5/23/2020 21 0 0 0 5/30/2020 9 0 0 0 6/6/2020 8 0 0 0	Week ending # Labs reporting A (H1N1) A (H3N2) A (Not typed) B 5/23/2020 21 0 0 0 0 5/30/2020 9 0 0 0 0 6/6/2020 8 0 0 0 1	Week ending # Labs reporting A (H1N1) A (H3N2) A (Not typed) B # Tested 5/23/2020 21 0 0 0 0 211 5/30/2020 9 0 0 0 201 6/6/2020 8 0 0 0 110							

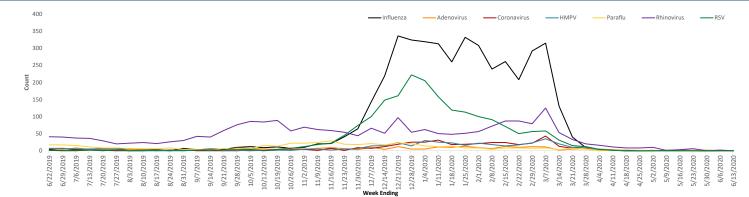
Influenza results by subtype, PCR testing only (NREVSS)



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	6/22/2019 6/29/2019	7/6	7/13/201	7/27/2019	8/3/2019	8/10/2019	8/17/201	8/24/2019	8/31/201	9/14/2019	9/21/201	9/28/2019	102/21/01	10/19/201	10/26/201	11/2/201	11/9/201	/23	/30	at 2/7/2019	/14	12/21/2019	/28/2019	1/4/2020	/18	1/25/2020	2/1/2020	2/8/2020	02 02/21/21 /2 2/22 /20 20	2/29/2020	3/7/2020	3/14/2020	3/21/2020	4/4/2020	4/11/2020	4/18/2020	4/25/2020	5/2/2020	5/9/2020	5/23	/30	6/6 5/13	
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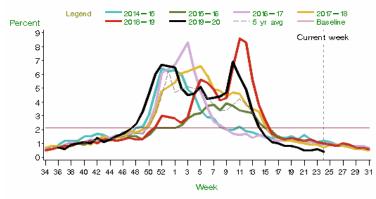
Public Health - Seattle & King County Summary of Influenza Syndromic and Laboratory Surveillance





King County syndromic surveillance

Weekly Percent of ED Visits for ILI by Year



All ages

Note: The change from ICD-9 to ICD-10 codes in October 2015 may impact trends. Last updated Jun 14, 2020 ; 'current week' is week ending Jun 13, 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.

By Age Group \leq 2 yrs 2 to 4 yrs 5 to 17 vrs Percent Legend _ _ 45 to 64 yrs 30 18 to 44 yrs 65+ yrs 20 10 TTTT 06/20/2020 06/20/2020 06/20/2020 06/20/2020 06/20/2020 02/28/2020 02/28/2020 02/28/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 02/18/2020 03/14/2020 Week Ending

Weekly Percent of ED Visits for Influenza-Like Ilhess

ALLHOSPITALS, Last Updated Jun 17, 2020

National data from CDC **FLU**VIEW

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 23 ending Jun 06, 2020



Please report any of the following:

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

Additional Resources:

Additional King County Flu Information, Resources, and Surveillance UW Virology Laboratory Respiratory Virus Surveillance Washington State Influenza Surveillance Update

Reporting Timeframe Within 3 business days Immediatelv Immediately

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

presented by the state likely being the more complete



Report updated on 6/17/2020

CDC

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Incufficient Data

National Influenza Update

Global Influenza Update

*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

Pacular on initiation and accurate on the whole state. "Data displayed in this image 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



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Public Health - Seattle & King County Summary of Influenza Deaths and Long-Term Care Facility (LTCF) Influenza Outbreaks

Confirm	ned cas	es as o	f wee	ek 24 (endi	ng 06	/13/	20)							
	201	9-2020	2018	8-2019	2017	7-2018	2016	5-2017	201	5-2016	2014	-2015	5-yea	ar avg	
Influenza Deaths in Week 24		0		0		0		0		0		1	0).2	
Influenza deaths, season to date (since 9/29/2019)		39	!	51		50	8	83		16	4	13	48	8.6	
LTCF Outbreaks in Week 24		0		0		0		0		0		0	0	.0	
LTCF Outbreaks, season to date (since 9/29/2019)		25	4	43		68		92		17	6	53	56	5.6	
	201	9-2020	2018	8-2019	2017	7-2018	2016	5-2017	201	5-2016	2014	-2015	5-yea	ar avg	
Total Seasonal LTCF Outbreaks		25	4	43		68	9	92		18	6	55	57	7.2	
<u>Flu type:</u>															
A	12	48%	37	86%	15	22%	62	67%	7	39%	49	75%	34	59%	
В	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%	
	201	0 2020	2010	2010	201	7 2010	2010	2017	201	5 2010	2014	2015	F		
	201	9-2020	2018	8-2019	2017	7-2018	2016	5-2017	201	5-2016	2014	-2015	5-yea	ar avg	
Total Seasonal Influenza Deaths		39	52		!	50	1	84		16	4	13	4	19	
Flu type:															
A	23	59%	48	92%	33	66%	75	89%	10	63%	40	93%	41.2	84%	
H1/H1N1	8	21%	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)	14	36%	32	62%	26	52%	56	67%	3	19%	33	77%	30	61%	
В	16	41%	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%	
<u>Sex:</u>															
Male	20	51%	27	52%	17	34%	41	49%	7	44%	17	40%	21.8	44%	
Female	19	49%	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	10%	1	2%	0	0%	1	1%	3	19%	1	2%	1.2	2%	
45 - 64	5	13%	13	25%	7	14%	5	6%	5	31%	6	14%	7.2	15%	
65+ years	28	72%	38	73%	43	86%	78	93%	8	50%	36	84%	40.6	83%	
Average		57.9	7.	3.6	8	1.1	8.	1.9	6	4.9				5.6	
Race:															
White	25	64%	35	67%	33	66%	54	64%	12	75%	35	81%	33.8	69%	
Asian	2	5%	5	10%	2	4%	13	15%	2	13%	1	2%	4.6	9%	
Black	1	3%	1	2%	3	4 <i>%</i>	4	5%	2	13%	5	12%	3	5% 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	18%	8	15%	9	18%	9	11%	0	0%	0	0%	5.2	11%	
Flu vaccine status															
Up to date	14	36%	16	31%	26	52%	39	46%	6	38%	21	49%	21.6	44%	
Not up to date	15	38%	19	37%	10	20%	20	24%	8	50%	5	12%	12.4	25%	
Unknown	10	26%	17	33%	14	28%	25	30%	2	13%	17	40%	15	31%	
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