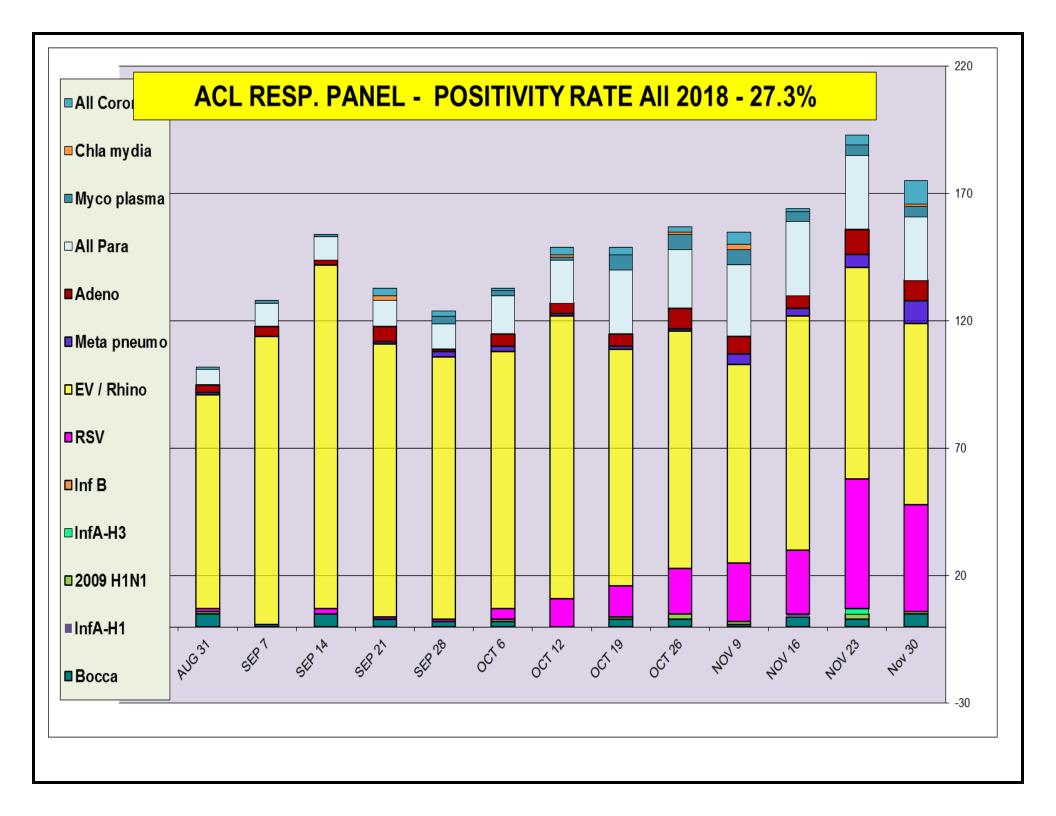
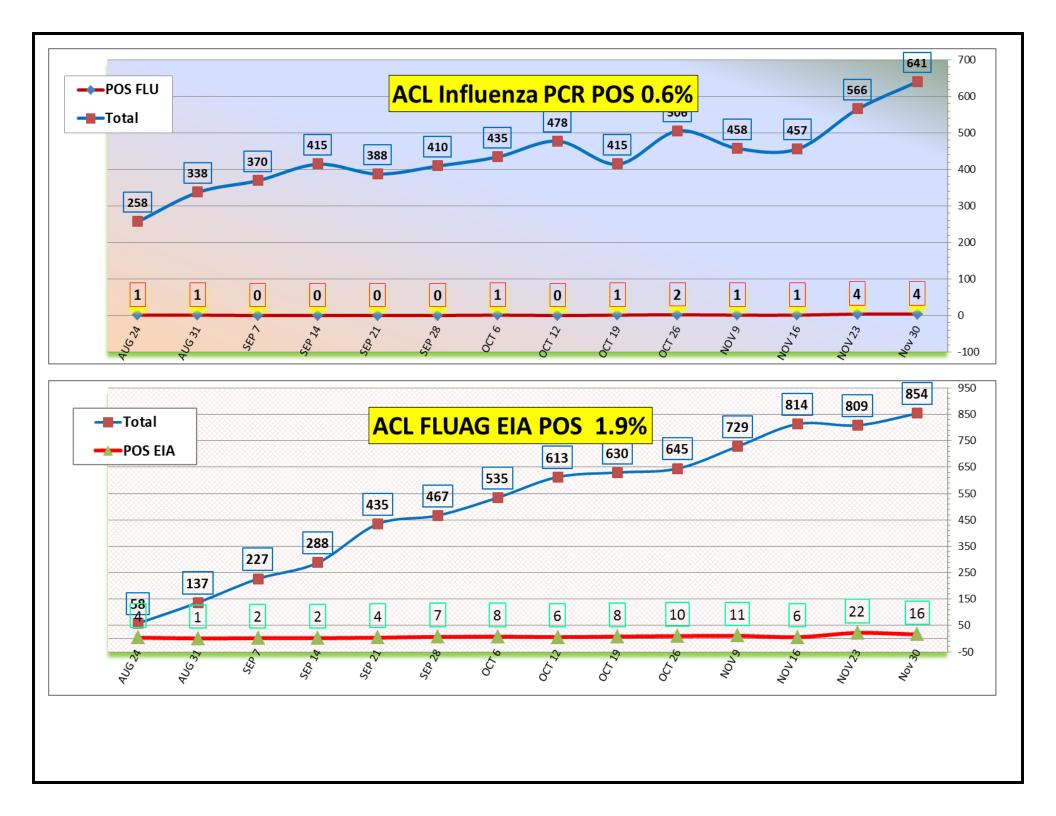
		Respiratory Pathogens Data Aug 24 - Nov 30 2018																		
Week Beginning	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	All Para	EV/ Rhino	Meta pneumo	Adeno	All Corona	Восса	Myco plasma	Chla mydia	Total Pos	POS FLU	Total	ACL %FLU	US %FLU	IL/WI PCR	Sofia EIA
Nov 30	0	0	1	0	42	25	71	9	8	9	5	4	1	175	4	641	0.6	n/a	n/a	1.9
NOV 23	0	2	2	0	51	29	83	5	10	4	3	4	0	193	4	566	0.7	2.4	1.6	2.7
NOV 16	1	0	0	0	25	29	92	3	5	1	4	4	0	164	1	457	0.2	1.7	1.5	Flu
NOV 9	0	0	1	0	23	28	78	4	7	5	1	6	2	155	1	458	0.2	1.2	0.9	% R
OCT 26	0	0	2	0	18	23	93	1	8	2	3	6	1	157	2	506	0.4	0.9	0.7	1.6
OCT 19	0	0	1	0	12	25	93	1	5	3	3	6	0	149	1	415	0.2	0.8	0.5	1.3
OCT 12	0	0	0	0	11	17	111	1	4	3	0	1	1	149	0	478	0.0	0.6	0.4	1.0
OCT 6	0	0	1	0	4	15	101	2	5	1	2	2	0	133	1	435	0.2	0.8	0.5	1.5
SEP 28	0	0	0	0	1	10	103	2	1	2	2	3	0	124	0	410	0.0	0.9	0.6	1.5
SEP 21	0	0	0	0	1	10	107	1	6	3	3	0	2	133	0	388	0.0	0.8	0.9	0.9
SEP 14	0	0	0	0	2	9	135	0	2	0	5	1	0	154	0	415	0.0	0.7	1.0	0.7
SEP 7	0	0	0	0	0	9	113	0	4	0	1	1	0	128	0	370	0.0	1.7	0.5	0.9
AUG 31	0	0	1	0	1	6	84	1	3	1	5	0	0	102	1	338	0.3	1.8	0.7	0.7
AUG 24	0	1	0	0	1	3	67	1	0	0	2	0	0	75	1	258	0.4	1.6	0.2	6.9





### Correlation between RPPNL (FLU PCR) and Sofia (FLUAG)

### Accuracy for the beginning of the season is 99.2%

In the last seven weeks 630 samples were tested by both methods most of them negative, 8 samples were positive by EIA and 4 of them were confirmed by PCR.

Oct 14 2018 to Nov 30 2018										
FLUAG (Sofia) vs RPPNL (PCR) correlation										
		+	•	Total						
FluAG	+	4	4	8						
	-	0	622	622						
			Total	630						
%										
100.0	<b>Clinical Sensit</b>	ivity								
99.4	<b>Clinical Specif</b>									
50.0	Positive Predictive Value (PPV)									
100.0	Negative Predicative Value (NPV)									
99.4	Accuracy									
	two of of p	ositive samples w	ere run 72 h apa	rt						



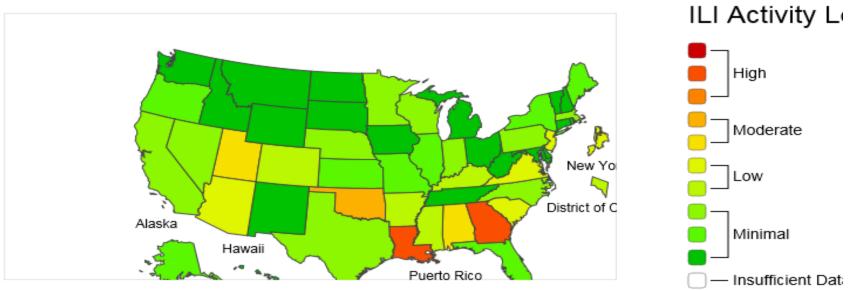
# A Weekly Influenza Surveillance Report Prepared by the Influenza Division



Influenza-Like Illness (ILI) Activity Level Indicator Determined by

Data Reported to ILINet

### 2018-19 Influenza Season Week 47 ending Nov 24, 2018



\*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.

\*For the data download you can use Activity Level for the number and Activity Level Label for the text description.

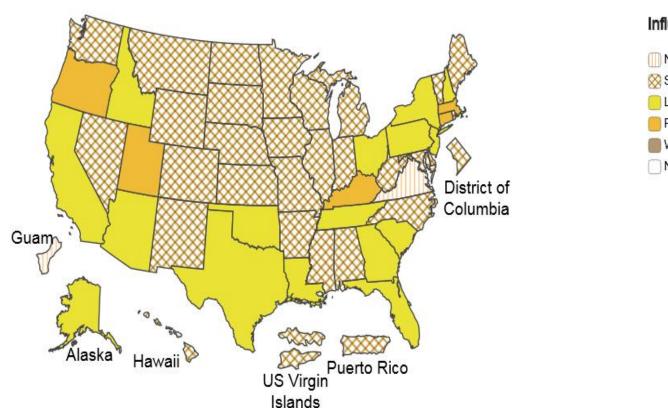
## FLUVIEW



### A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\*

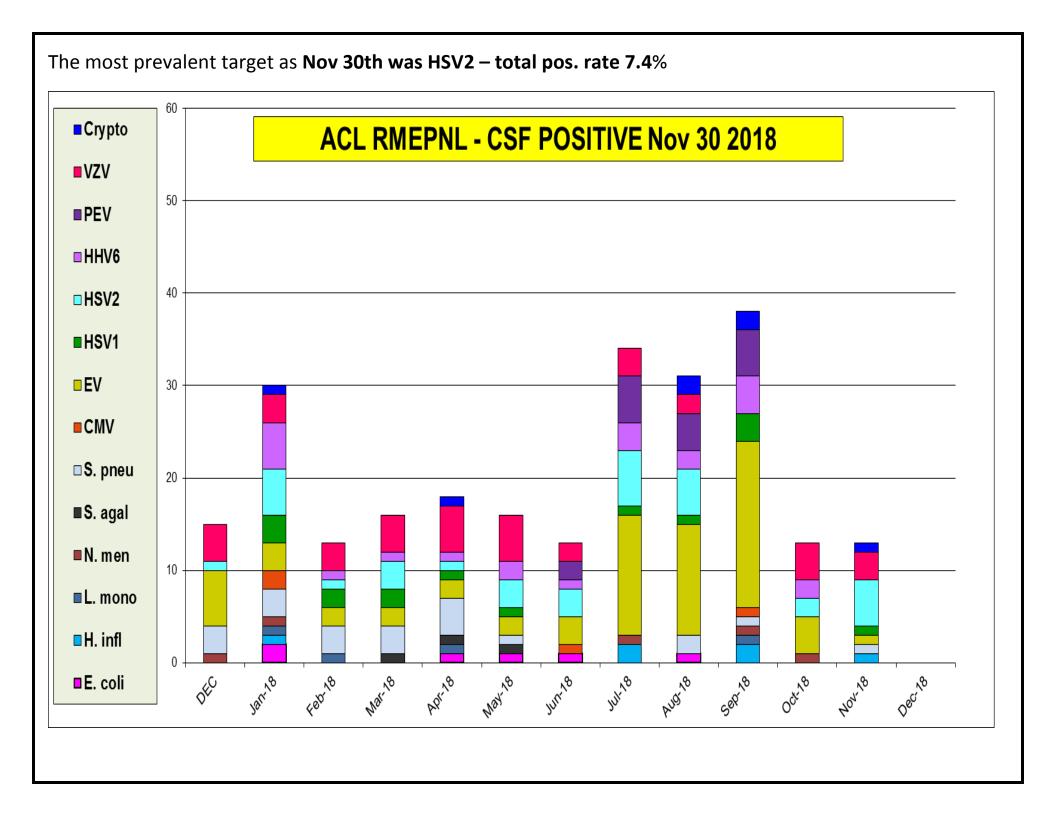
Week Ending Nov 24, 2018 - Week 47

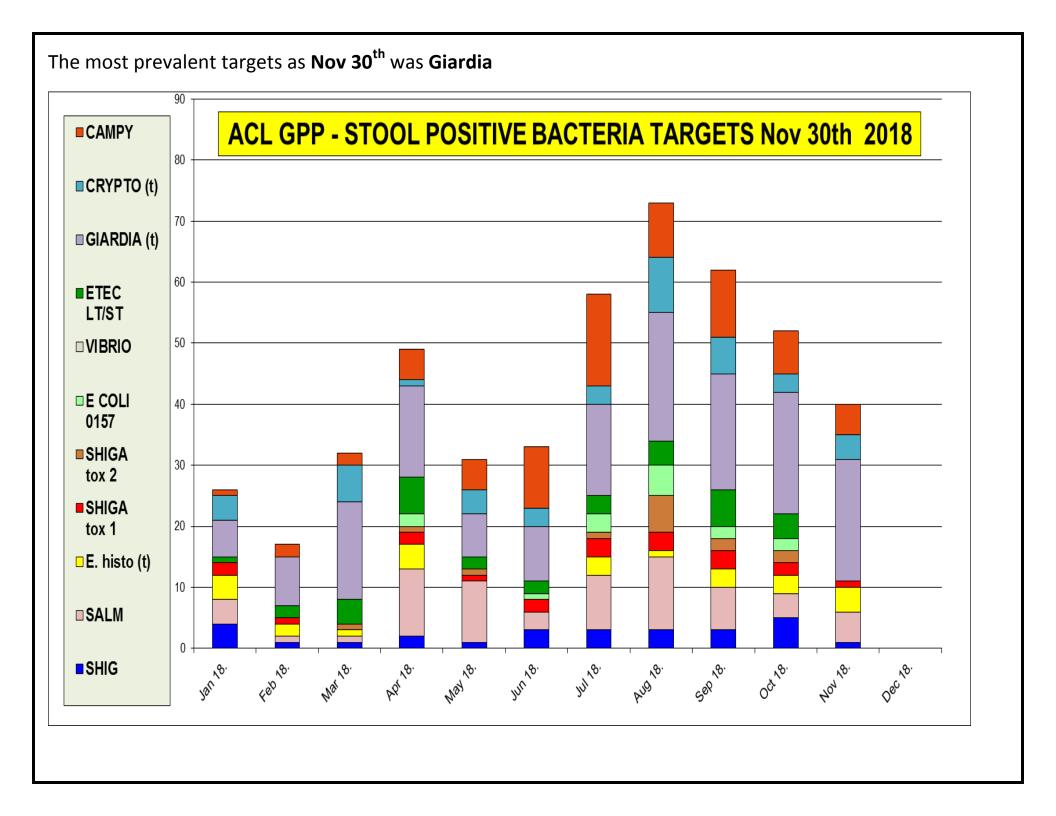


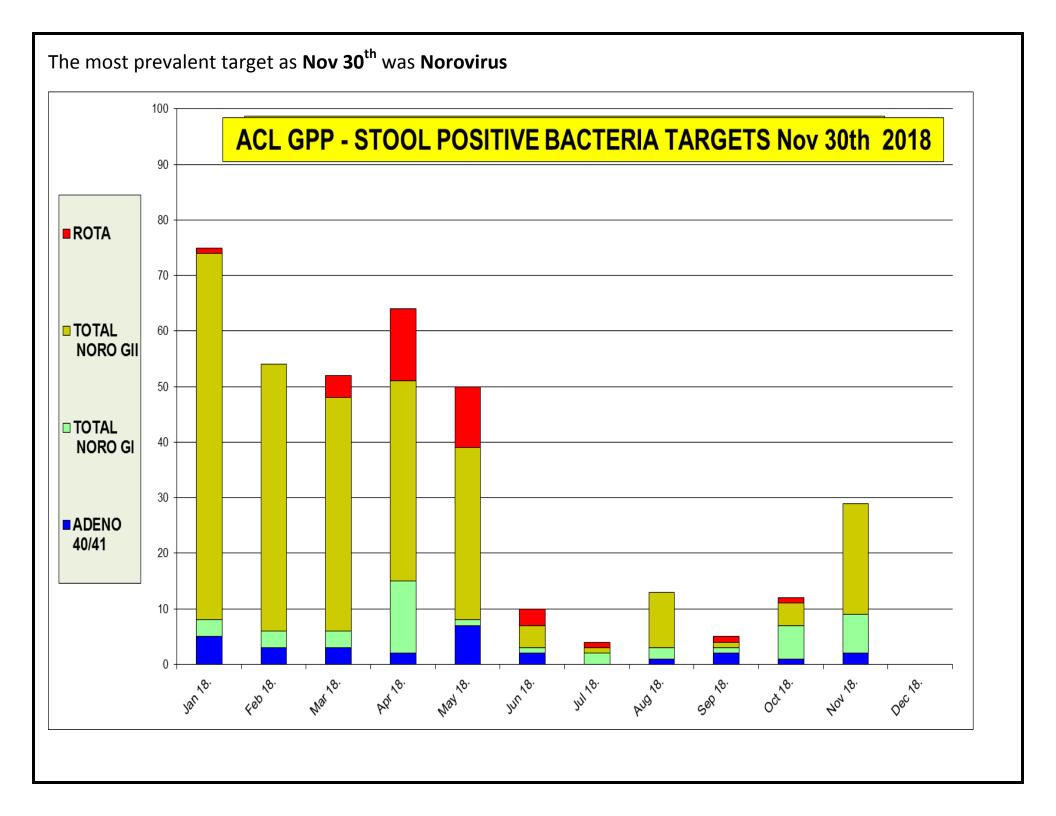
#### Influenza Activity Estimates



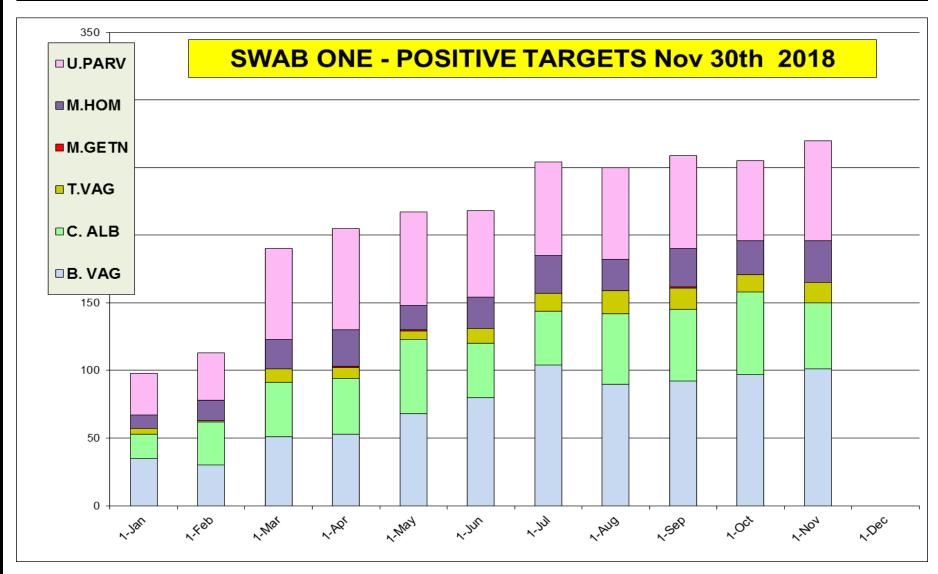
\*This map indicates geographic spread and does not measure the severity of influenza activity.







	BV-Bacterial vagionosis	Candida albicans	Candida galbrata	Candida kruzei	T. vaginalis	M. genitalium	M. hominis	U. parvum	TOTAL % POS
% pos	21.7	13.0	1.9	0.3	3.1	0.1	6.8	18.4	65.4



### Neuraminidase Inhibitors Resistance in Samples Collected – May 20- Nov 24, 2018,

Per CDC website	Oselt	amivir	Zana	mivir	Peramivir		
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	
Influenza A (H1N1)pdm09	72	0	72	0	72	0	
Influenza A (H3N2)	57	0	57	0	57	0	
Influenza B	44	0	44	0	44	0	