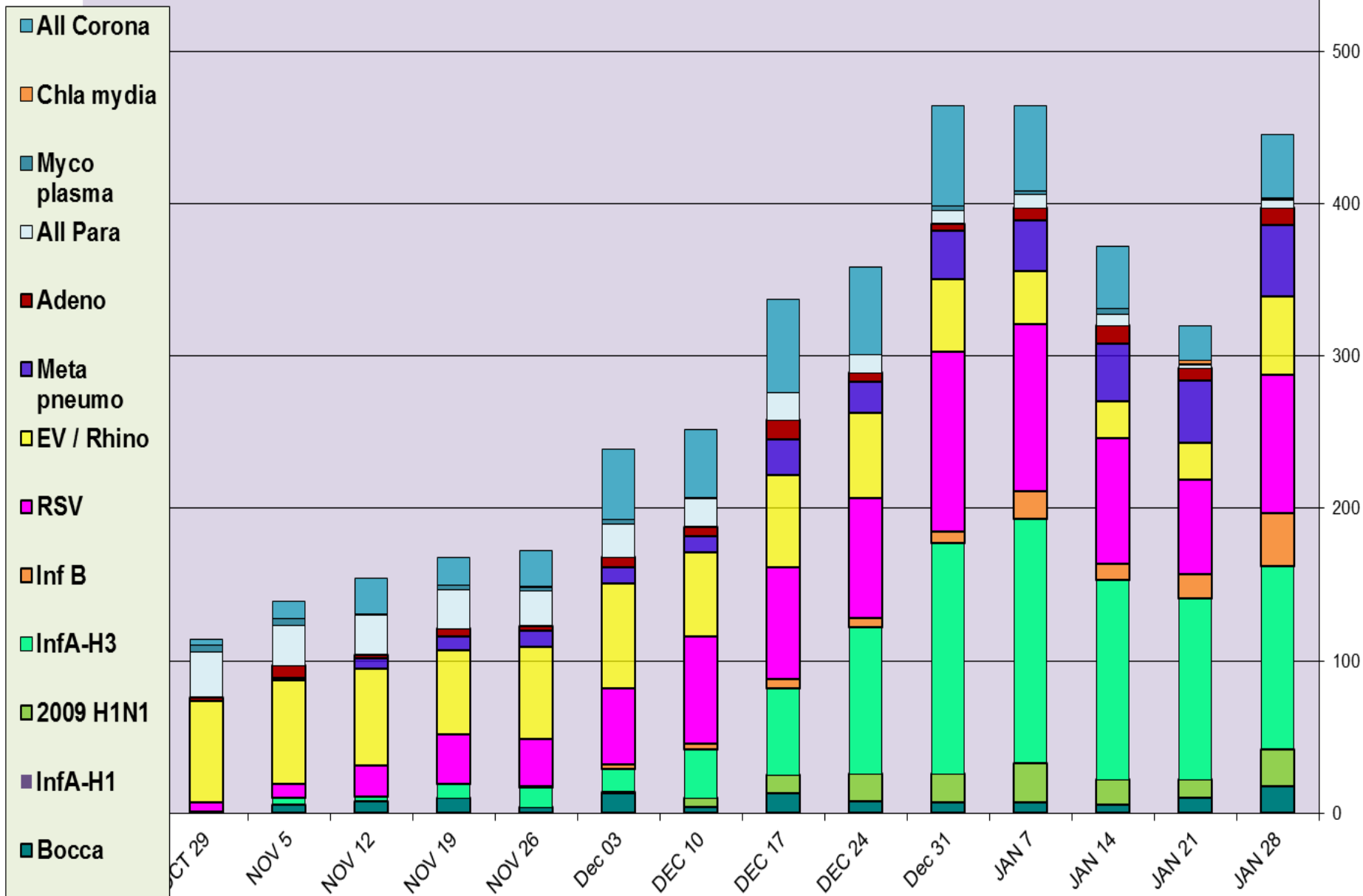


Respiratory Pathogens Data Oct 22 2017 - Feb 3 2018

Week Beginning	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	All Para	EV / Rhino	Meta pneumo	Adeno	All Corona	Bocca	Myco plasma	Chla mydia	Total Pos	POS FLU	Total	ACL %FLU	US %FLU	IL/M PCR	Sofia EIA
JAN 28	0	120	24	35	91	5	51	47	11	41	18	1	1	445	179	872	20.5	n/a	n/a	33.4
JAN 21	0	119	12	16	62	2	24	41	8	23	10	1	2	320	147	1039	14.1	26.1	30.3	31.0
JAN 14	0	131	16	11	82	7	24	38	12	41	6	4	0	372	158	876	18.0	26.7	27.5	29.5
JAN 7	0	160	26	18	110	9	35	33	8	56	7	2	0	464	204	964	21.2	25.6	26.1	29.5
Dec 31	0	151	19	8	118	8	47	32	5	66	7	3	0	464	178	898	19.8	24.7	24.7	29.3
DEC 24	0	96	18	6	79	12	56	20	6	57	8	0	0	358	120	708	16.9	25.5	20.7	29.5
DEC 17	0	57	12	6	73	18	61	23	13	61	13	0	0	337	75	590	12.7	22.4	14.5	24.2
DEC 10	0	32	6	4	70	18	55	11	6	45	4	1	0	252	42	587	7.2	14.0	9.2	16.5
Dec 03	0	15	1	3	50	22	69	10	7	46	13	3	0	239	19	532	3.6	8.4	5.6	12.4
NOV 26	0	13	0	1	31	23	60	11	3	23	4	2	1	172	14	423	3.3	6.7	3.9	9.2
NOV 19	0	9	0	0	33	26	55	9	5	18	10	3	0	168	9	362	2.5	7.2	2.7	7.1
NOV 12	0	3	0	0	20	26	64	7	2	23	8	1	0	154	3	421	0.7	4.4	1.2	2.6
NOV 5	0	4	0	0	9	26	68	2	8	11	6	5	0	139	4	390	1.0	4.4	1.2	2.8
OCT 29	0	0	0	0	6	30	67	0	2	4	1	4	0	114	0	333	0.0	3.4	1.0	1.4
OCT 22	0	1	0	0	3	35	79	1	1	12	3	0	0	135	1	360	0.3	2.9	0.9	1.1

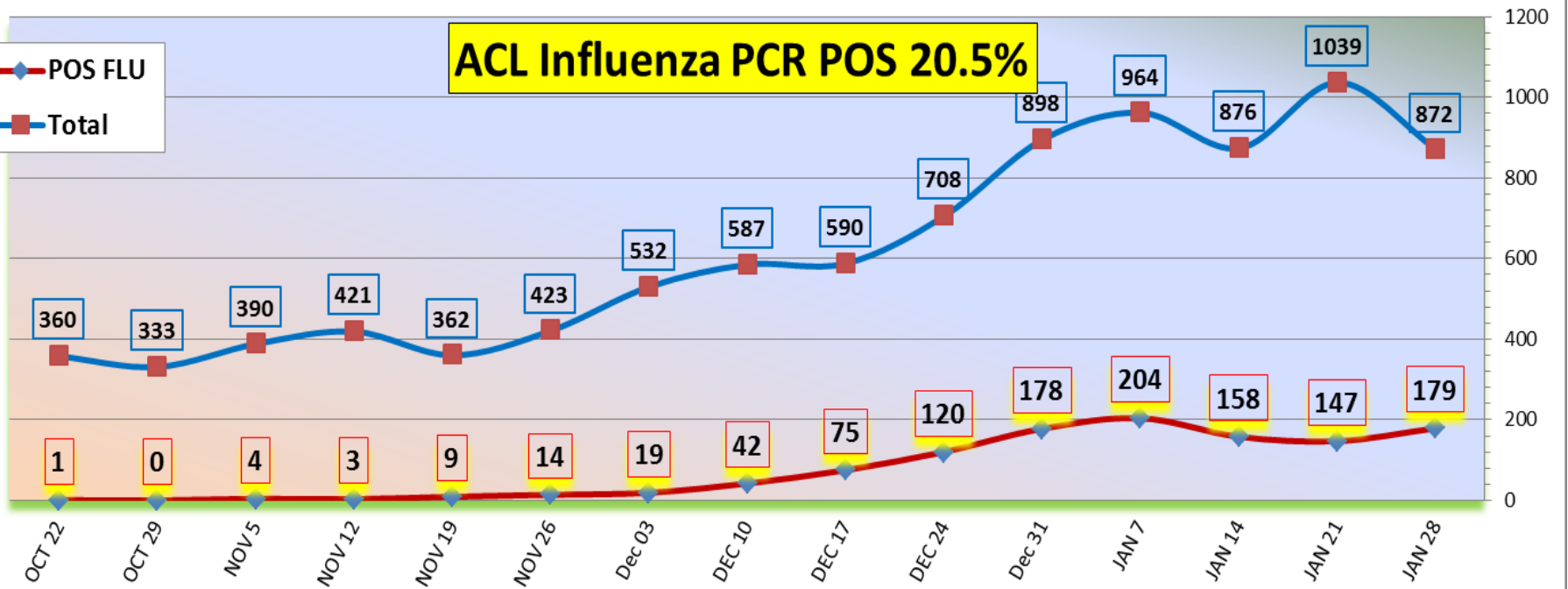
Flu PCR
% Rate

ACL RESP. PANEL - POSITIVITY RATE All targets 51.0%



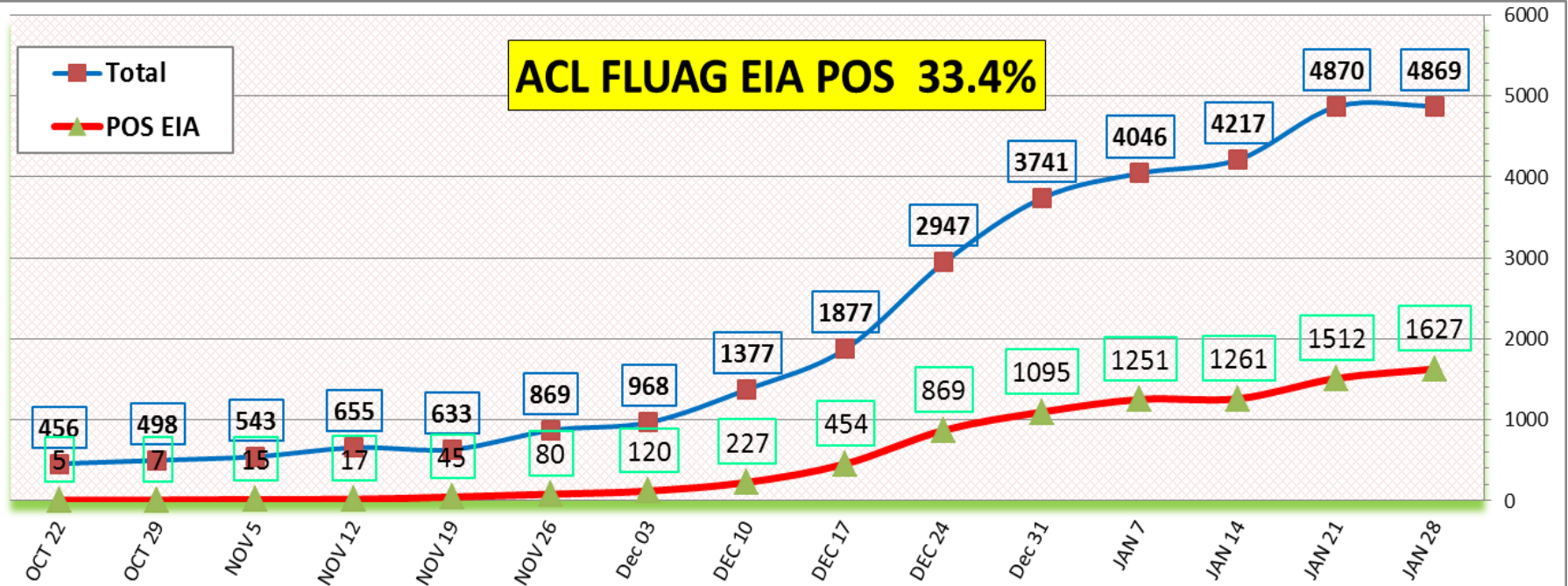
ACL Influenza PCR POS 20.5%

◆ POS FLU
 ■ Total



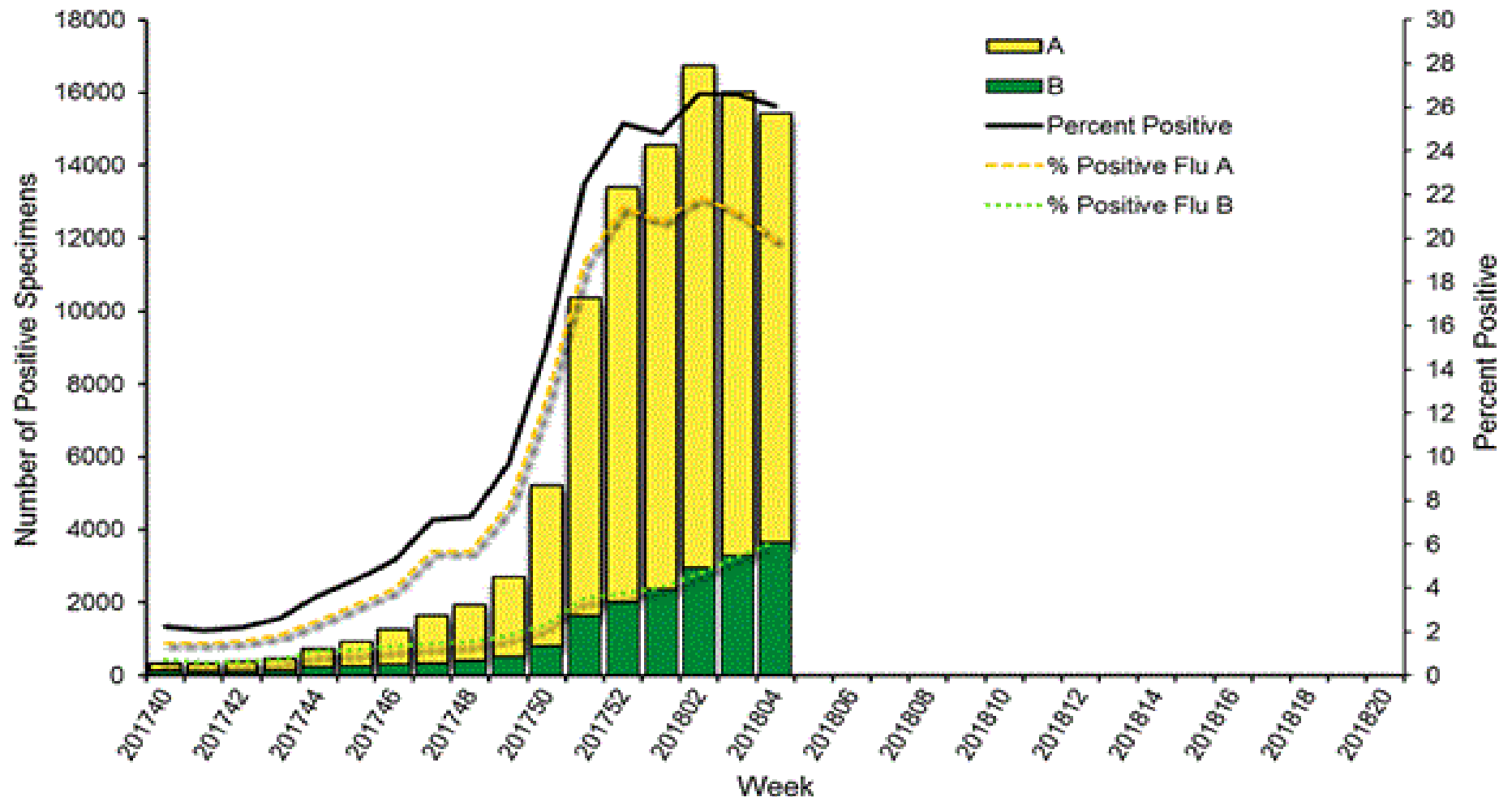
ACL FLUAG EIA POS 33.4%

■ Total
 ▲ POS EIA

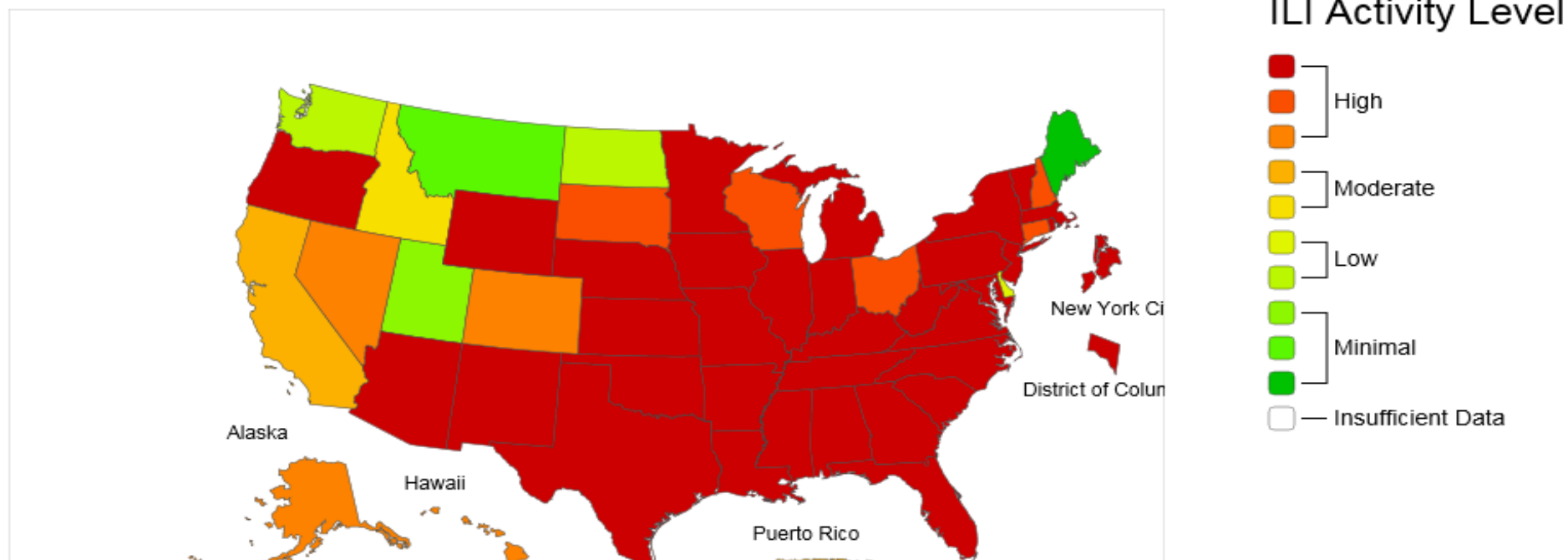


CDC Jan 27, 2018 **Positivity rate 26.1%** - Flu A – 76% (2009 H1N1 -15% , seasonal H3 -80%) Flu B – 24.0%

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2017-2018 Season



2017-18 Influenza Season Week 4 ending Jan 27, 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.

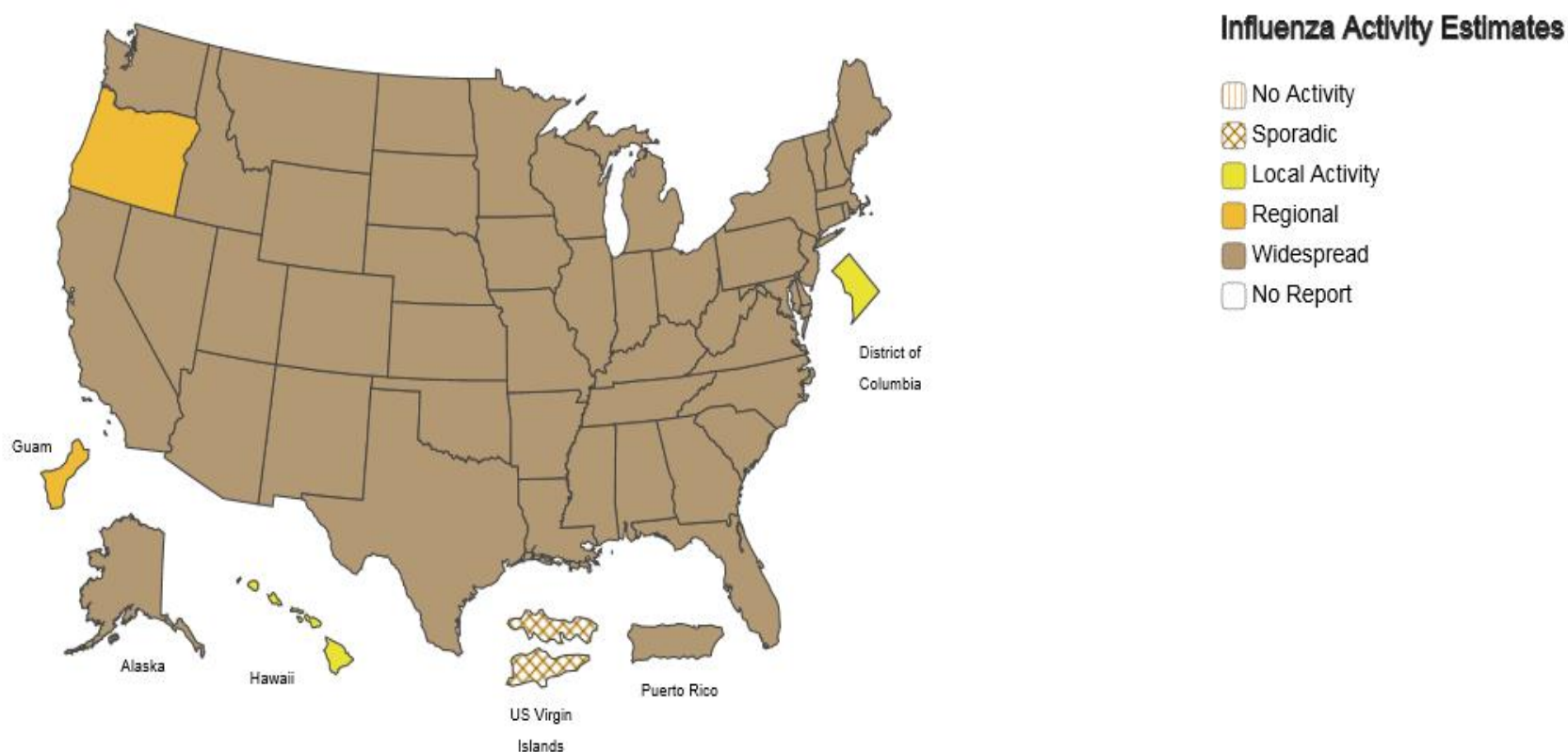
*Differences in the data presented by CDC and state health departments likely represent differing levels of data completeness with data presented by the state likely being the more complete.

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

A Weekly Influenza Surveillance Report Prepared by the Influenza Division

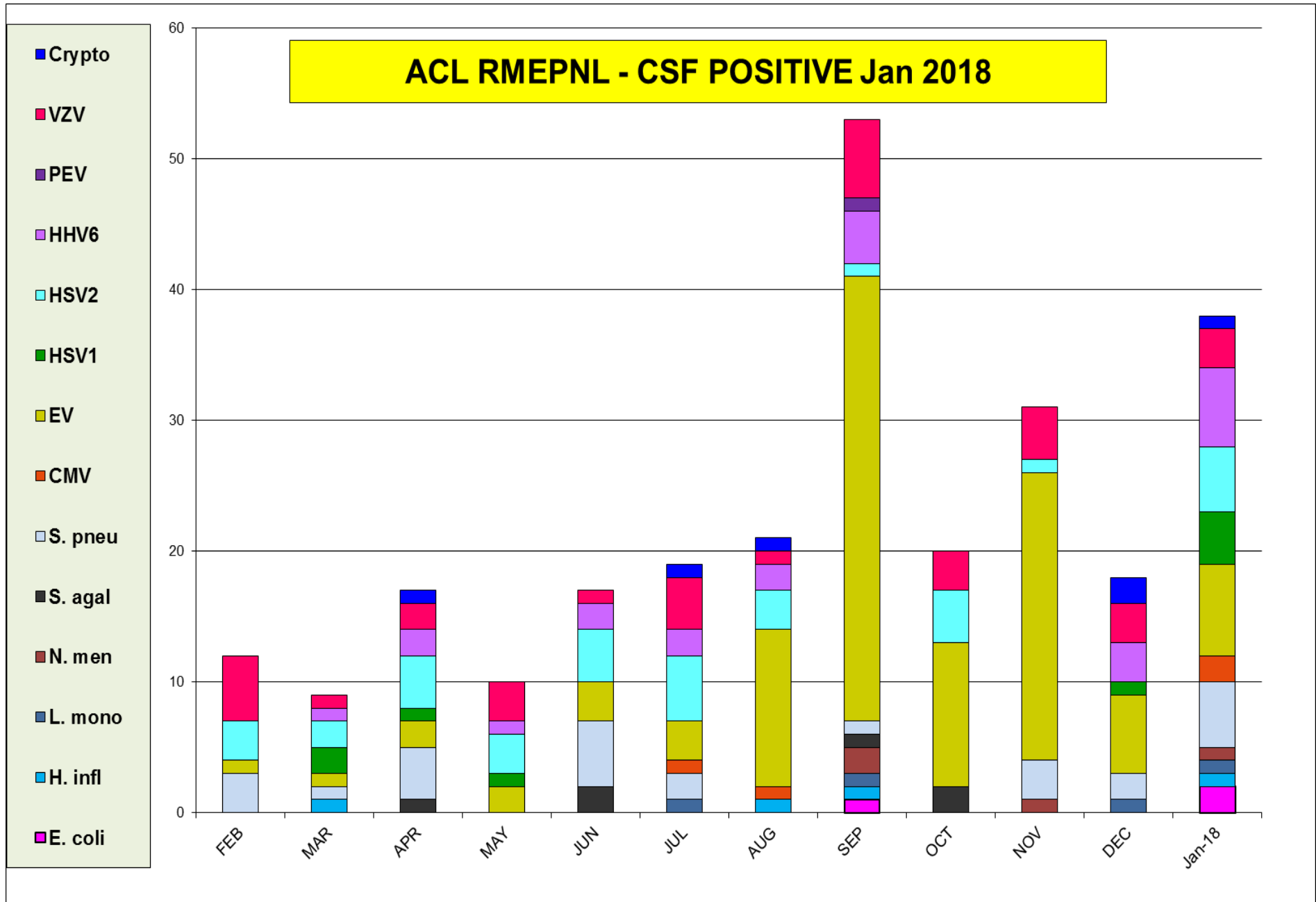
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

Week Ending Jan 27, 2018 - Week 4

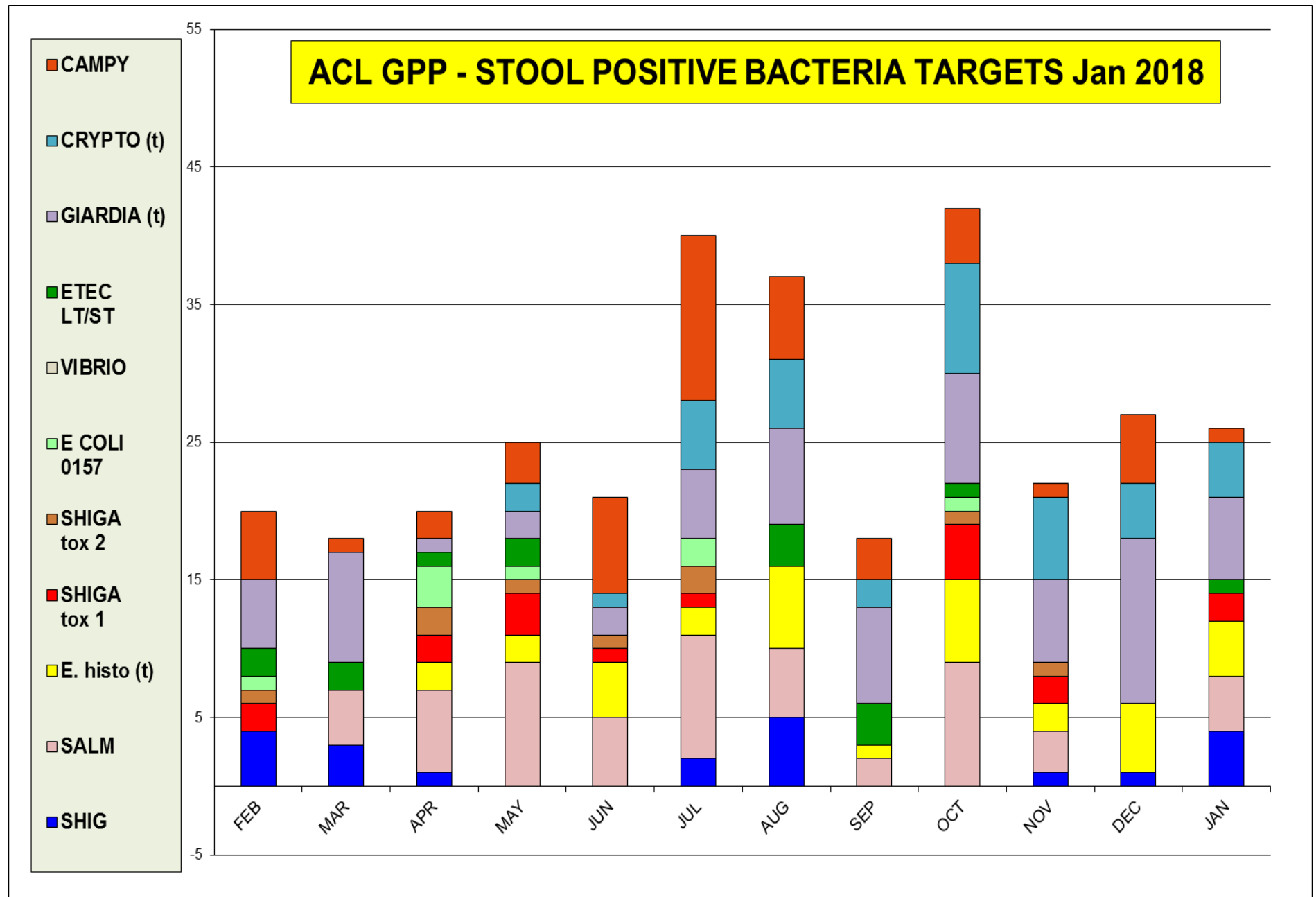


*This map indicates geographic spread and does not measure the severity of influenza activity.

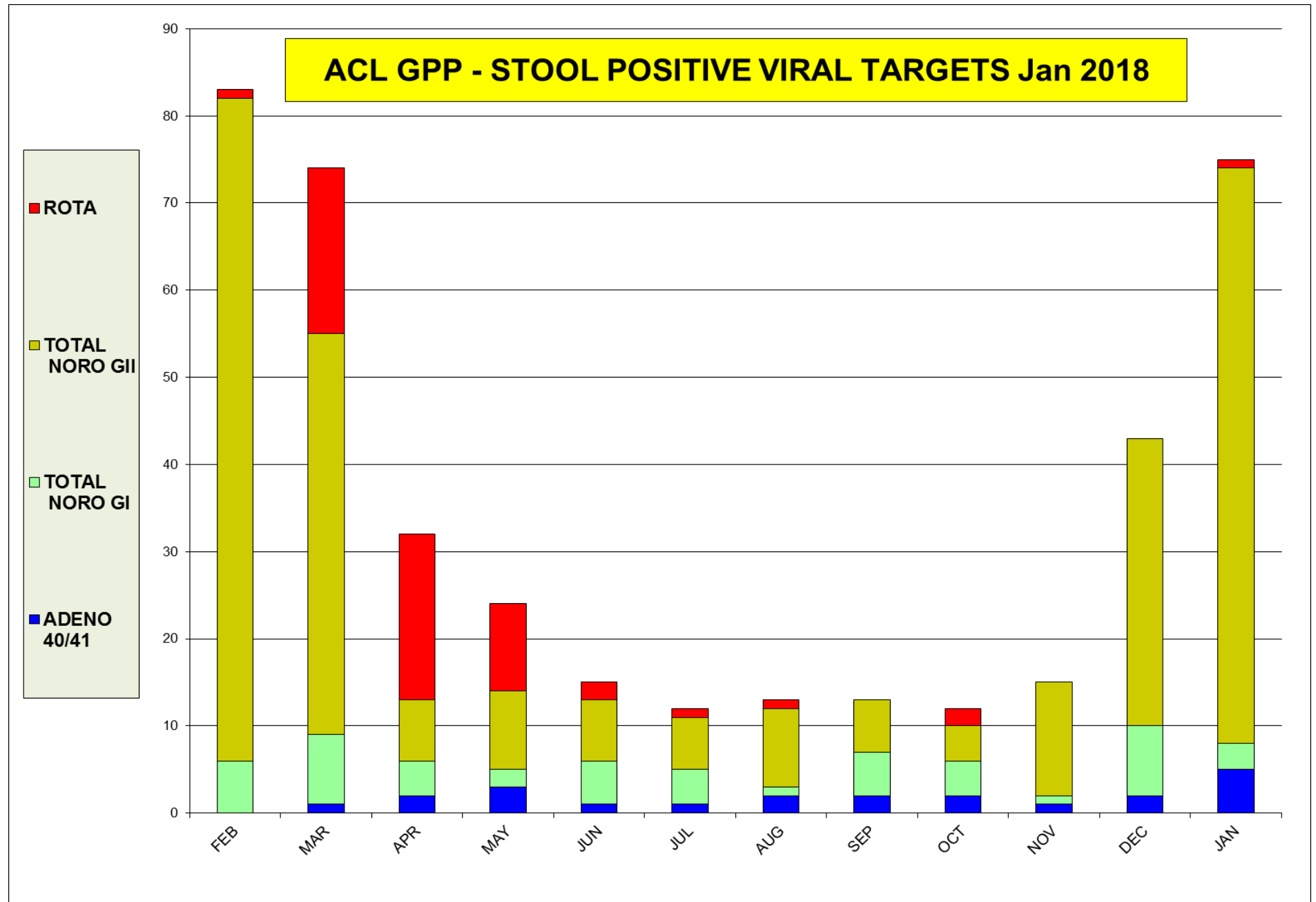
The most prevalent target as **Feb 3rd** are; Enterovirus, *S. pneumo*, HHV6 (positivity rate 22.3%)



The most prevalent targets as Feb 3rd are; **Giardia**, **Salmonella** and **E. histolytica**



The most prevalent target as **Feb 3rd** are; **NORO GII and GI virus**



Neuraminidase Inhibitors Resistance in Samples Collected - Oct 1- Jan 27, 2018,

Per CDC website	Oseltamivir		Zanamivir		Peramivir	
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)
Influenza A (H1N1)pdm09	282	2(0.7)	235	0	282	2(0.7)
Influenza A (H3N2)	828	0	828	0	610	0
Influenza B	337	0	337	0	337	0

UpdateDec - 2017 PAHO/CDC

Target	Source	Period	CDC	US % POS	ACL 2017	ACL % POS	WSLH # cases	IDPH # cases
Locally acquired	US (endemic)	Jan-Dec 2017	2	0.00				
Zika virus US import	US (travelers)	Jan-Dec 2017	367	0.11	2	0.4	4	6
Zika virus US territory.	US (local)Puerto Rico	Jan-Dec 2017	595	0.16				
Dengue US import	US (travelers)	Jan-Dec 2017	190	0.06	4	0.8	n/a	n/a
Dengue US territory	US (local)Puerto Rico	Jan-Dec 2017	9	0.00				
Chikungunya US import	US (travelers)	Jan-Dec 2017	85	0.03	4	0.8	n/a	n/a
Chikungunya US territory	US (local)Puerto Rico	Jan-Dec 2017	32	0.01				