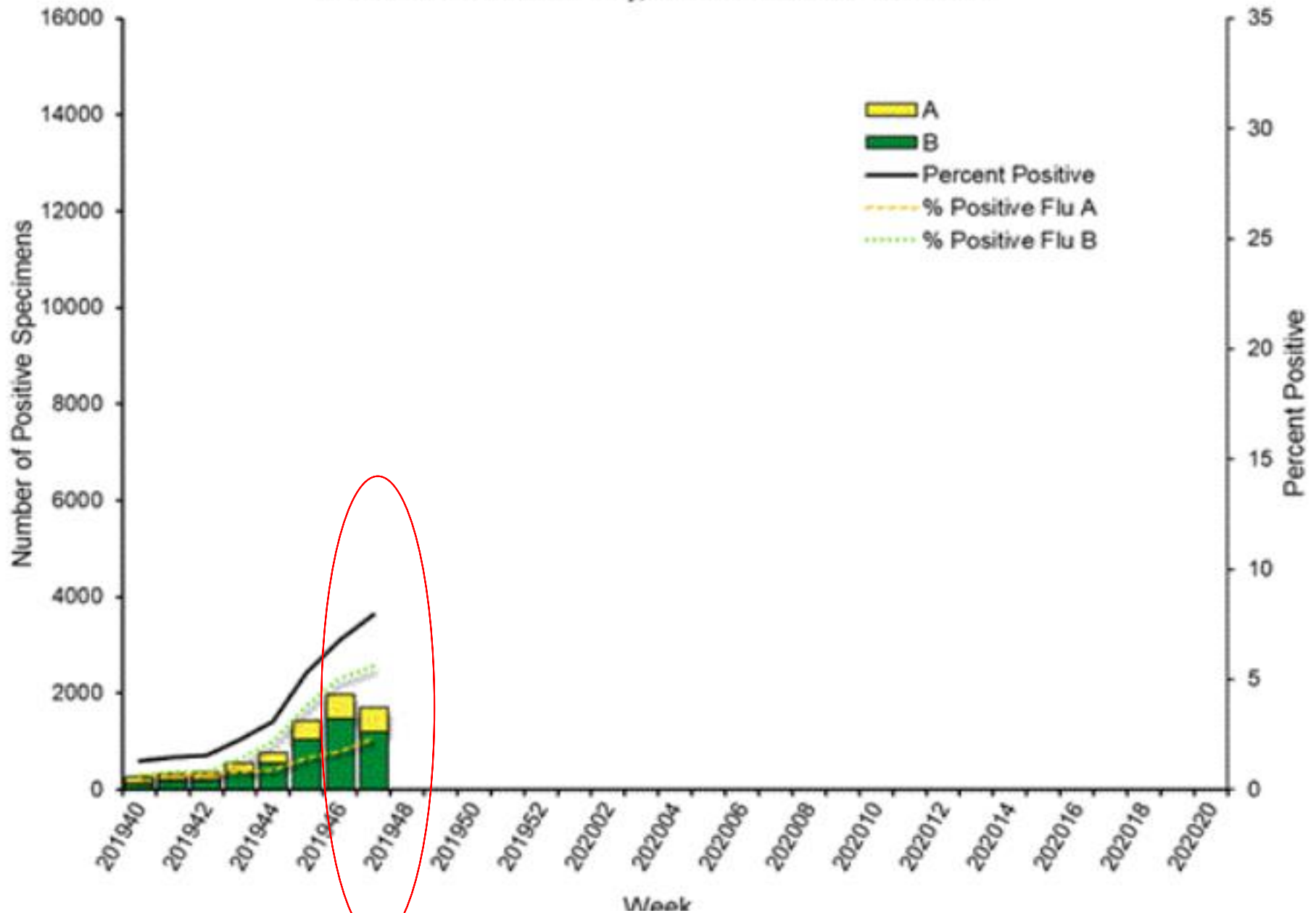


## Respiratory Pathogens - Nov 30 2019

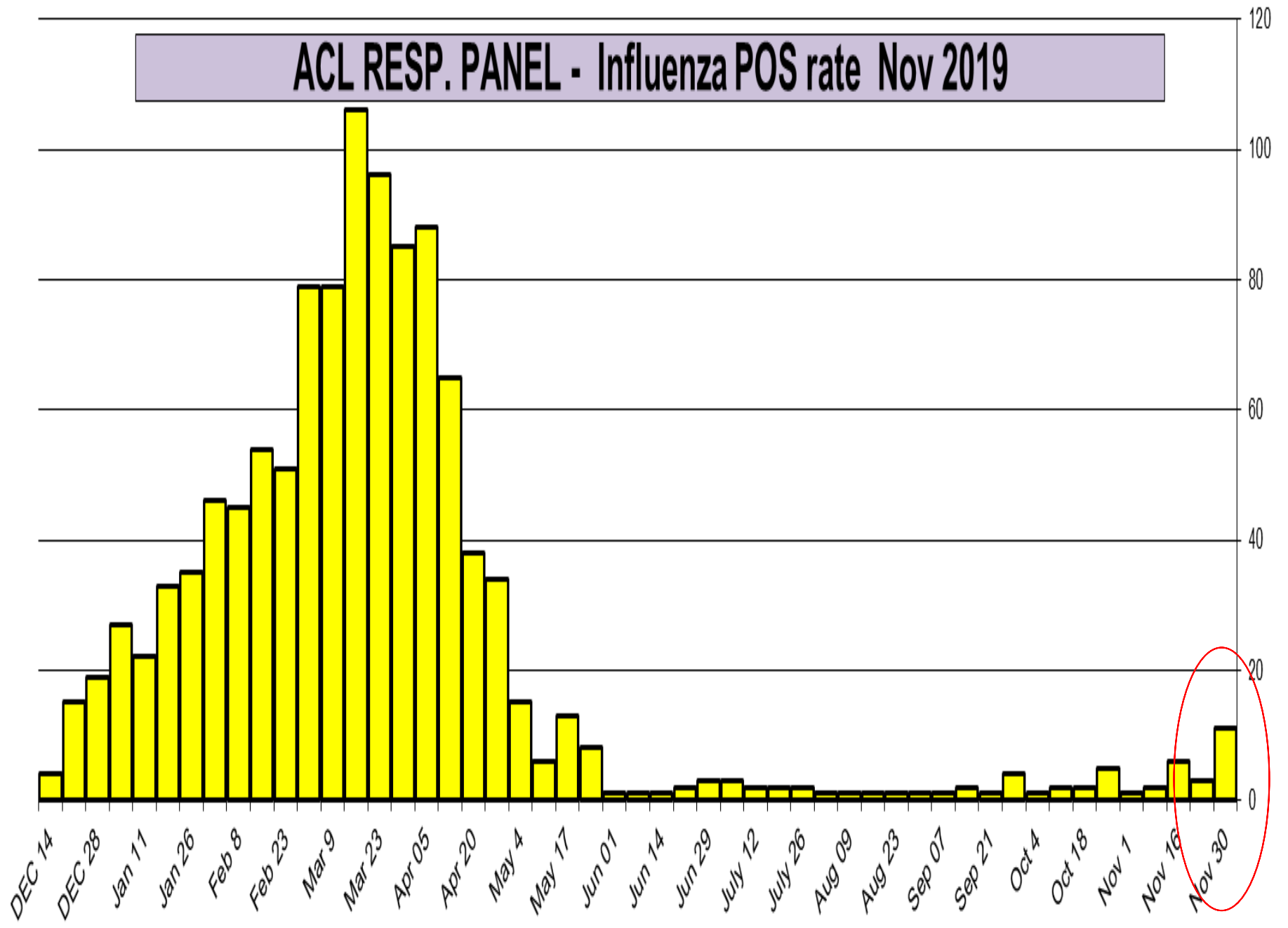
Week	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	All Para	EV/ Rhino	Meta pneumo	Adeno	All Corona	Bocca	Myc. pneumo	Chlam. pneumo.	Legionella pneumo.	BP/ BPP	Total Pos	POS FLU	Total	ACL RPPNI	US %FLU	IL/WI PCR	ACL FLU PCR
Nov 30	0	1	4	6	33	27	76	18	21	2	11	3	2	0	2	206	11	1040	1.1	n/a	n/a	4.4
Nov 23	0	0	0	1	26	26	75	8	21	1	3	7	0	0	3	171	1	1018	0.1	8.0	2.9	3.1
Nov 16	0	1	0	5	17	28	81	6	14	3	7	3	0	0	2	167	6	1004	0.6	7.3	1.0	0.0
Nov 9	0	2	0	0	8	16	76	6	9	1	7	4	0	0	3	132	2	844	0.2	5.7	0.0	0.0
Nov 1	0	0	1	0	6	33	90	3	10	1	8	1	0	0	1	154	1	882	0.1	3.2	0.7	0.0
Oct 25	0	3	0	2	7	26	105	3	5	2	3	7	0	0	1	164	5	887	0.6	2.4	0.8	1.1
Oct 18	0	1	0	1	3	39	103	6	2	1	5	3	0	1	1	166	2	939	0.2	1.5	1.2	1.2
Oct 11	0	1	0	1	2	23	122	0	5	2	2	3	2	0	2	165	2	804	0.2	1.5	0.1	0.9
Oct 4	0	1	0	0	3	16	122	3	8	1	0	3	1	0	3	161	1	912	0.1	1.3	0.3	1.1
Sep 28	0	3	1	0	1	22	109	2	7	0	1	2	0	0	0	148	4	591	0.7	1.0	0.9	2.3
Sep 21	0	1	0	0	1	12	113	7	6	1	2	3	1	0	4	151	1	678	0.1	1.0	1.7	1.4
Sep 14	0	1	1	0	1	5	110	1	7	1	2	0	1	0	3	133	2	1091	0.2	1.0	2.6	2.6
Sep 07	0	1	0	0	0	7	73	5	6	0	4	0	0	0	1	97	1	615	0.2	1.0	0.9	2.6
Aug 31	0	1	0	0	1	4	39	1	3	1	0	4	1	1	1	56	1	775	0.1	1.0	0.7	1.3
Aug 23	0	1	0	0	1	8	42	1	2	6	3	2	5	0	0	71	1	393	0.3	1.0	0.7	1.2
Aug 16	0	0	1	0	1	5	31	4	5	1	1	0	1	0	1	50	1	655	0.2	1.0	0.2	1.7
Aug 09	0	1	0	0	0	5	29	1	5	2	0	0	1	1	1	44	1	629	0.2	2.1	0.2	0.0

Flu PCR  
% Rate

# Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2019-2020 Season



# ACL RESP. PANEL - Influenza POS rate Nov 2019



## Neuraminidase Inhibitors Resistance in samples collected – as of Nov 30, 2019

	Oseltamivir		Peramivir		Zanamivir	
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)
Inf A (H1N1) pdm09	44	2.3	44	2.3	44	0
Inf A (H3N2)	89	0	89	0	89	0
Inf B	75	0	75	0	75	0

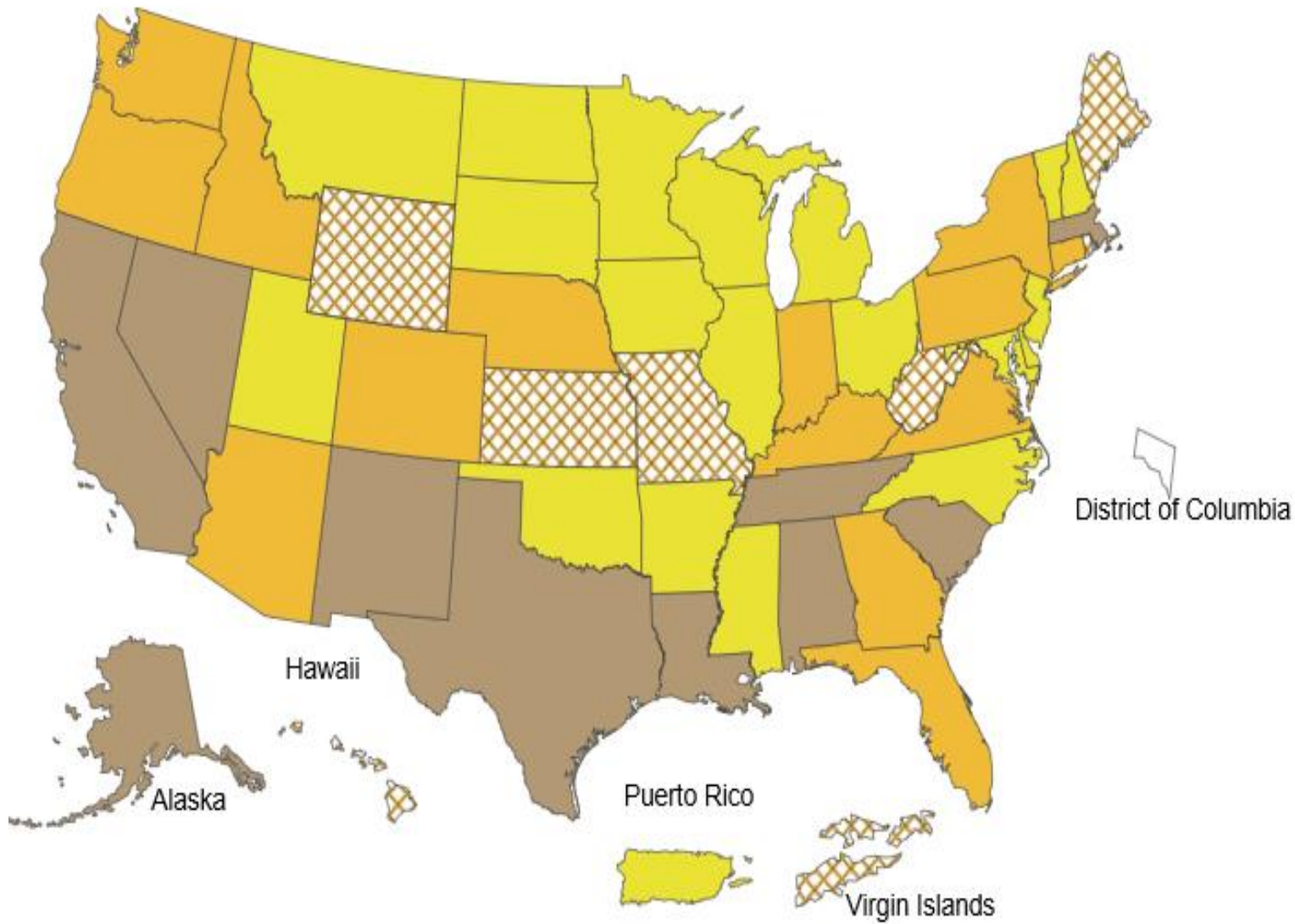
## PA Endonuclease Inhibitor Resistance in samples collected – as of Nov 30, 2019

	Baloxavir					
	Virus Samples tested (n)	Resistant Viruses, (%)				
Inf A (H1N1) pdm09	45	0				
Inf A (H3N2)	89	0				
Inf B	78	0				

Week Ending Nov 23, 2019 - Week 47

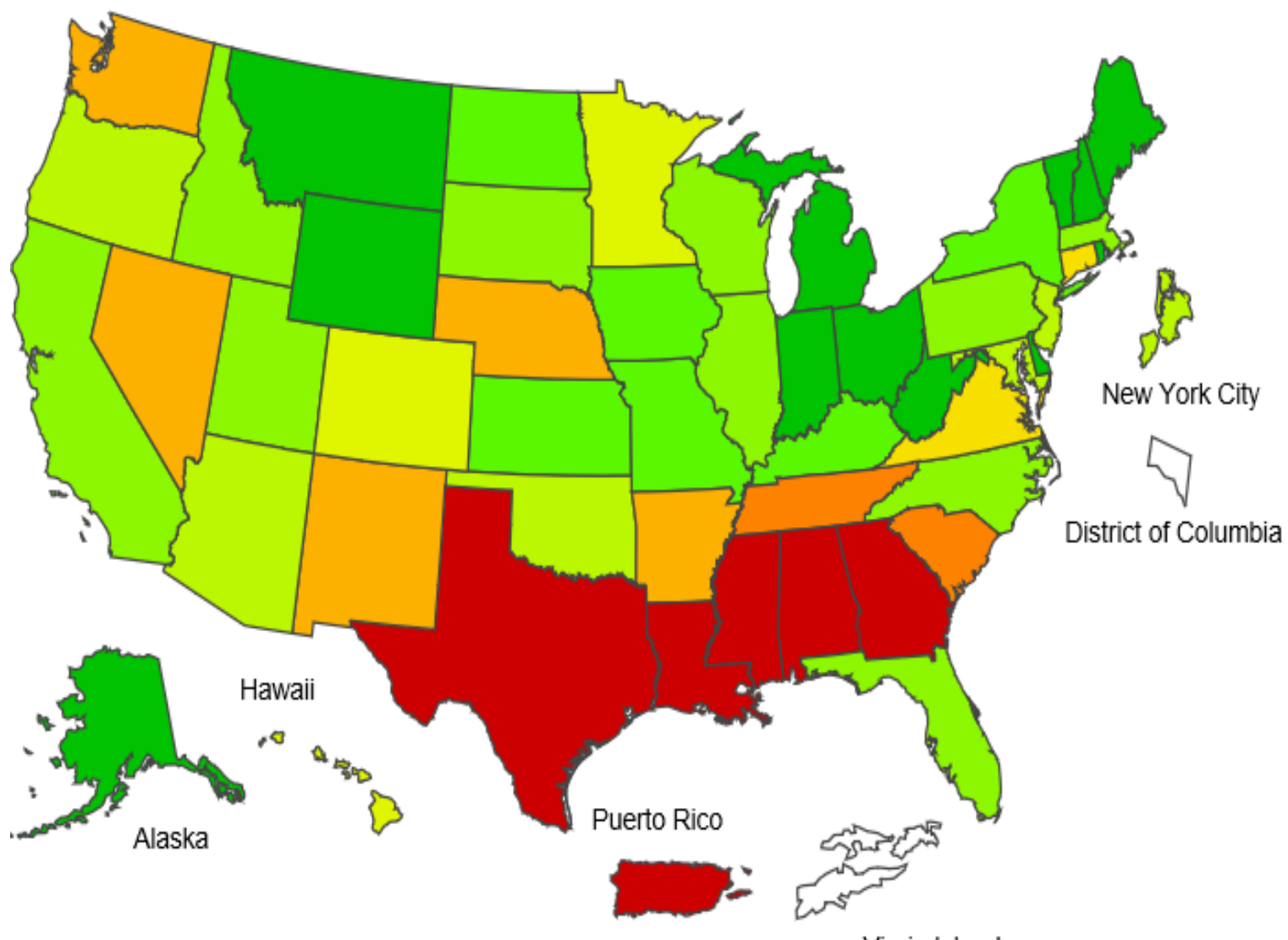
Influenza Activity

- No Activity
- Sporadic
- Local Activity
- Regional
- Widespread
- No Report



2019-20 Influenza Season Week 47 ending Nov 23, 2019

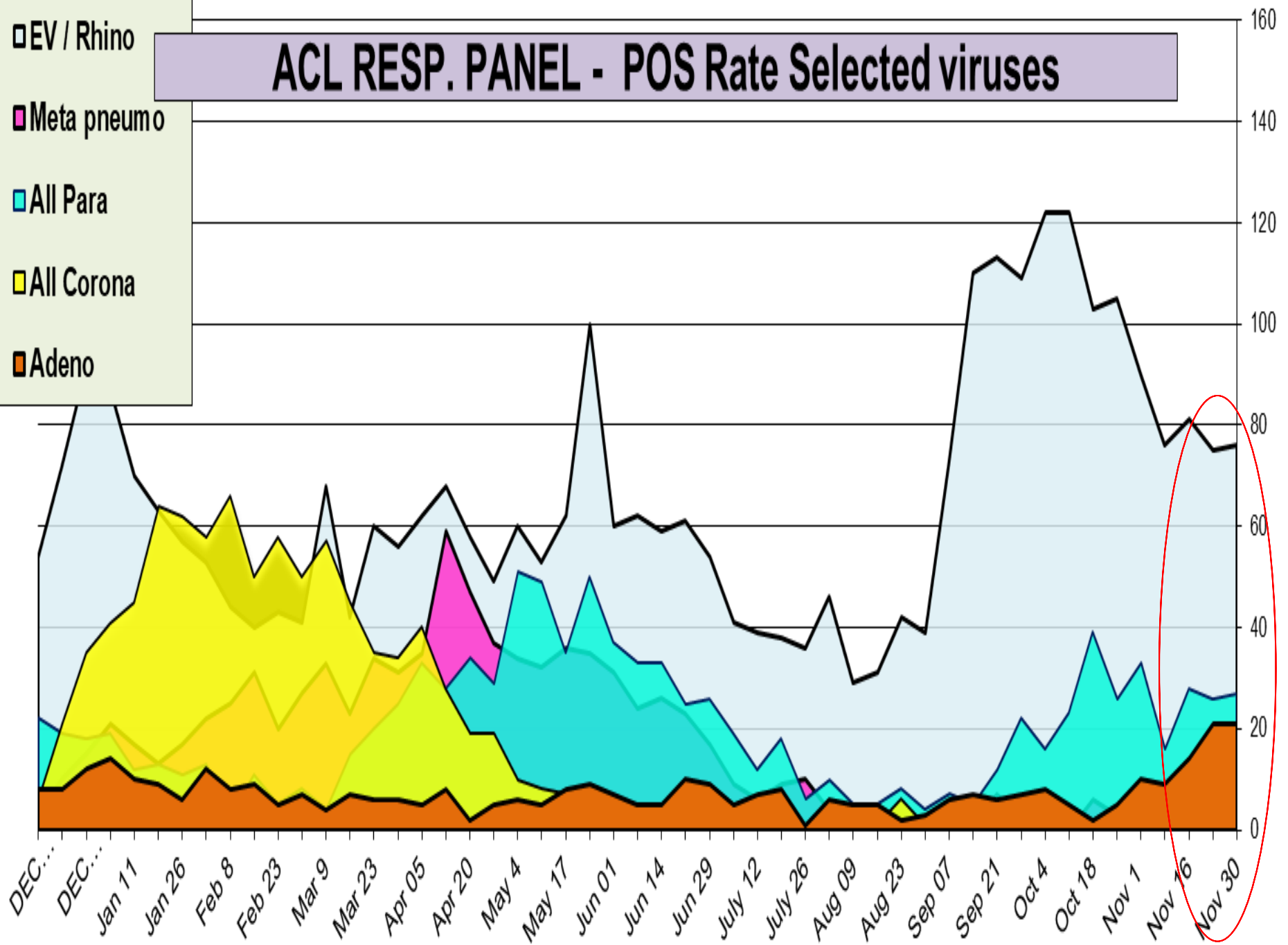
ILI Activity Level



State	ILI Activity Level
Alabama	High
Alaska	Minimal
Arizona	Low
Arkansas	Moderate
California	Low
Colorado	Low
Connecticut	Minimal
DC	Insufficient
Delaware	Moderate
District of Columbia	Insufficient
Florida	Minimal
Georgia	High
Hawaii	Low
Idaho	Minimal
Illinois	Low
Indiana	Minimal
Iowa	Low
Kansas	Moderate
Kentucky	Minimal
Louisiana	High
Maine	Minimal
Maryland	Moderate
Massachusetts	Minimal
Michigan	Minimal
Minnesota	Low
Mississippi	High
Missouri	Low
Montana	Minimal
Nebraska	Moderate
Nevada	Moderate
New Hampshire	Minimal
New Jersey	Moderate
New Mexico	Moderate
New York	Minimal
New York City	Insufficient
North Carolina	Moderate
North Dakota	Minimal
Ohio	Minimal
Oklahoma	Moderate
Oregon	Moderate
Puerto Rico	High
Rhode Island	Minimal
South Carolina	Moderate
South Dakota	Low
Tennessee	Moderate
Texas	High
Utah	Low
Vermont	Minimal
Virginia	Moderate
Washington	Moderate
West Virginia	Minimal
Wisconsin	Low
Wyoming	Low

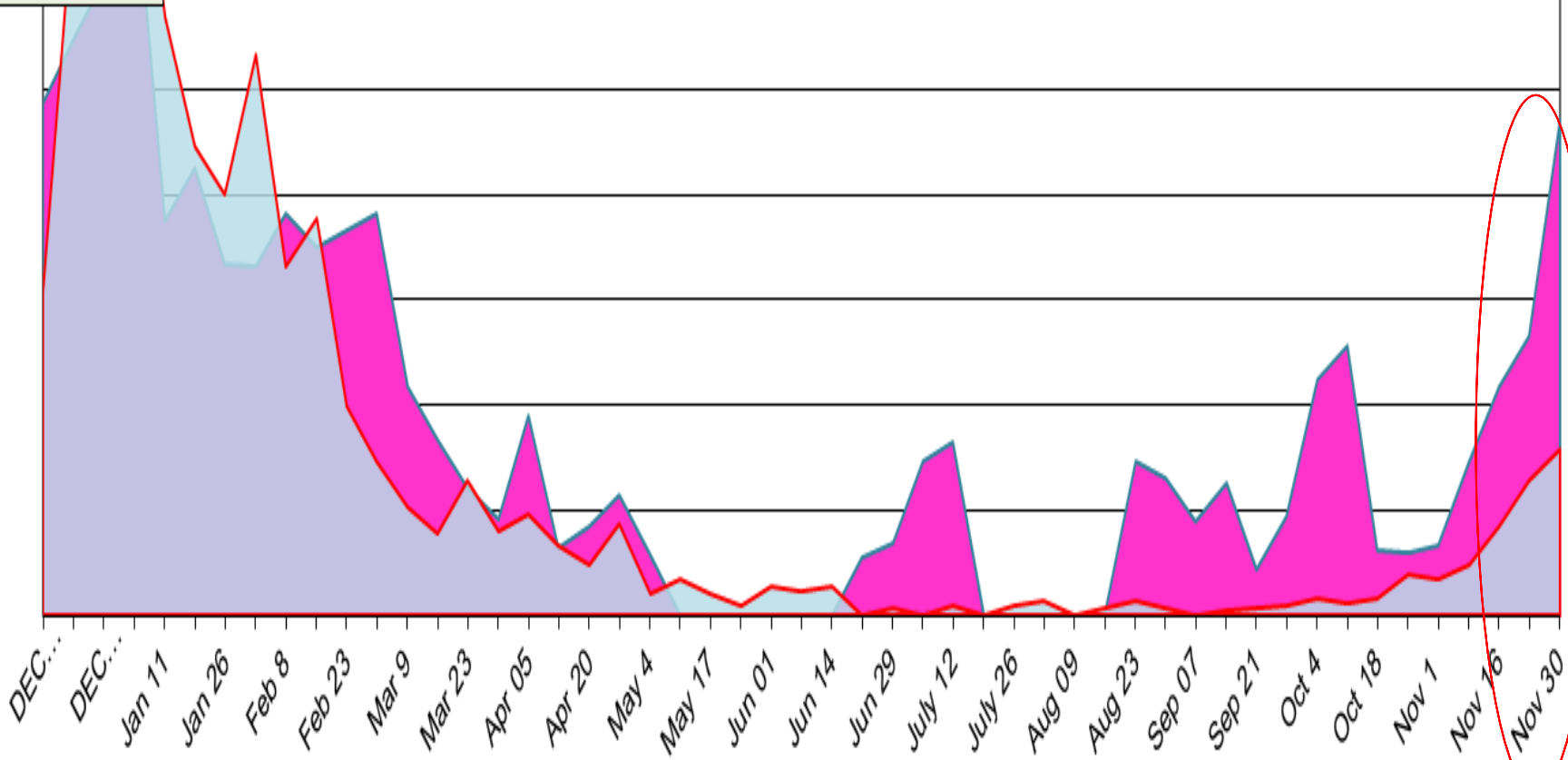
# ACL RESP. PANEL - POS Rate Selected viruses

- EV / Rhino
- Meta pneumo
- All Para
- All Corona
- Adeno



# ACL RESP. PANEL - RSV PCR - 1.7%, RSV EIA - 4.4%

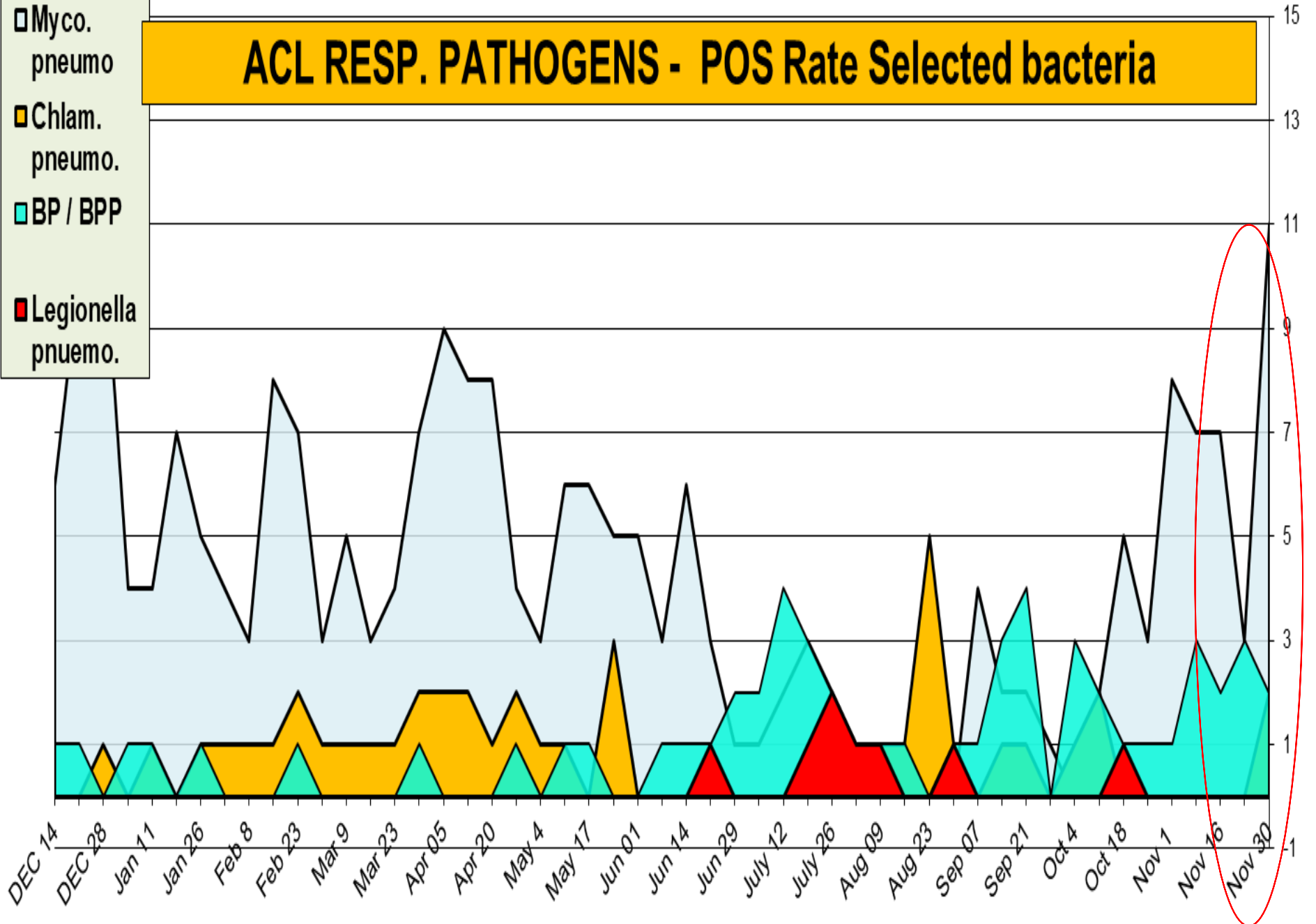
- EIA RSV
- RSV PCR



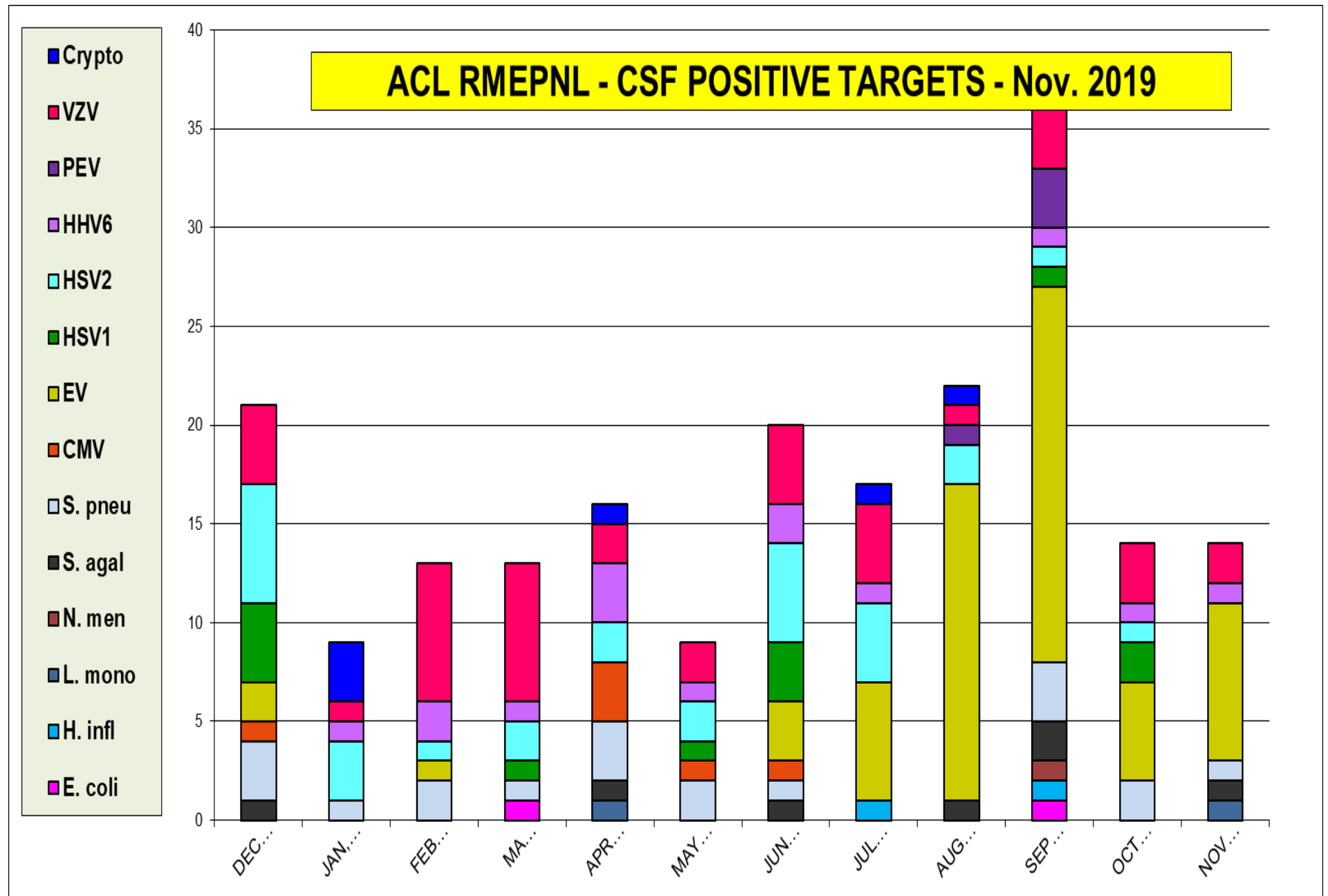


# ACL RESP. PATHOGENS - POS Rate Selected bacteria

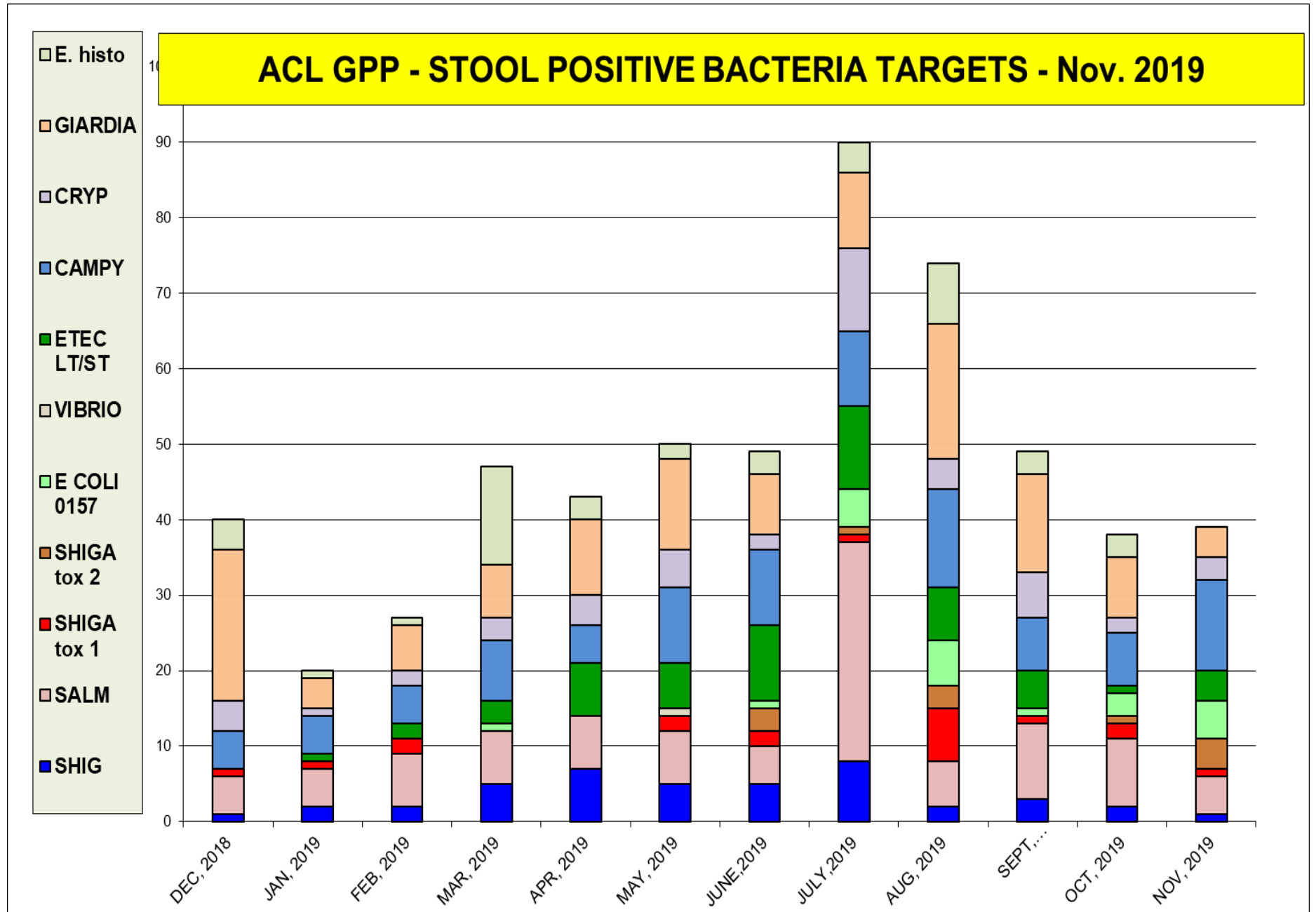
- Myco. pneumo.
- Chlam. pneumo.
- BP / BPP
- Legionella pneumo.



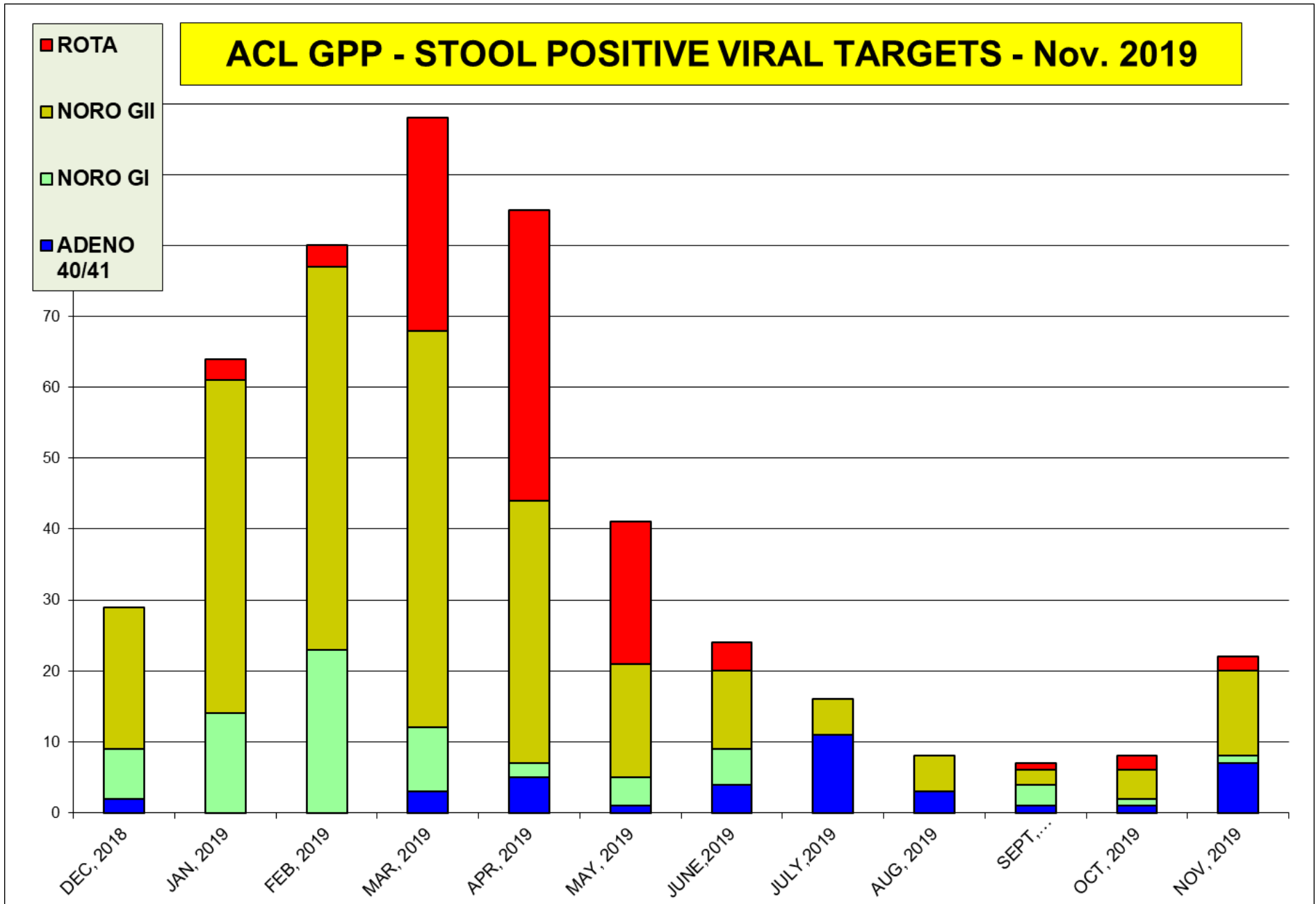
The most prevalent target is Enterovirus (all CSF viruses pos rate is 7.7 %)



The most prevalent bacterial target is **Campylobacter**



The most prevalent virus target is **Norovirus**



BV	C.ALB	C.GLB	C.KUR	T.VAG	M.GEN	M.HOM	U.PAV	Tot. Test
5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068	5,068
<b>23.4</b>	<b>16.7</b>	<b>2.4</b>	<b>0.4</b>	<b>3.2</b>	<b>1.3</b>	<b>10.9</b>	<b>28.7</b>	<b>86.9</b>

## ACL Women Health SWAB ONE - POSITIVE TARGETS - Nov 2019

