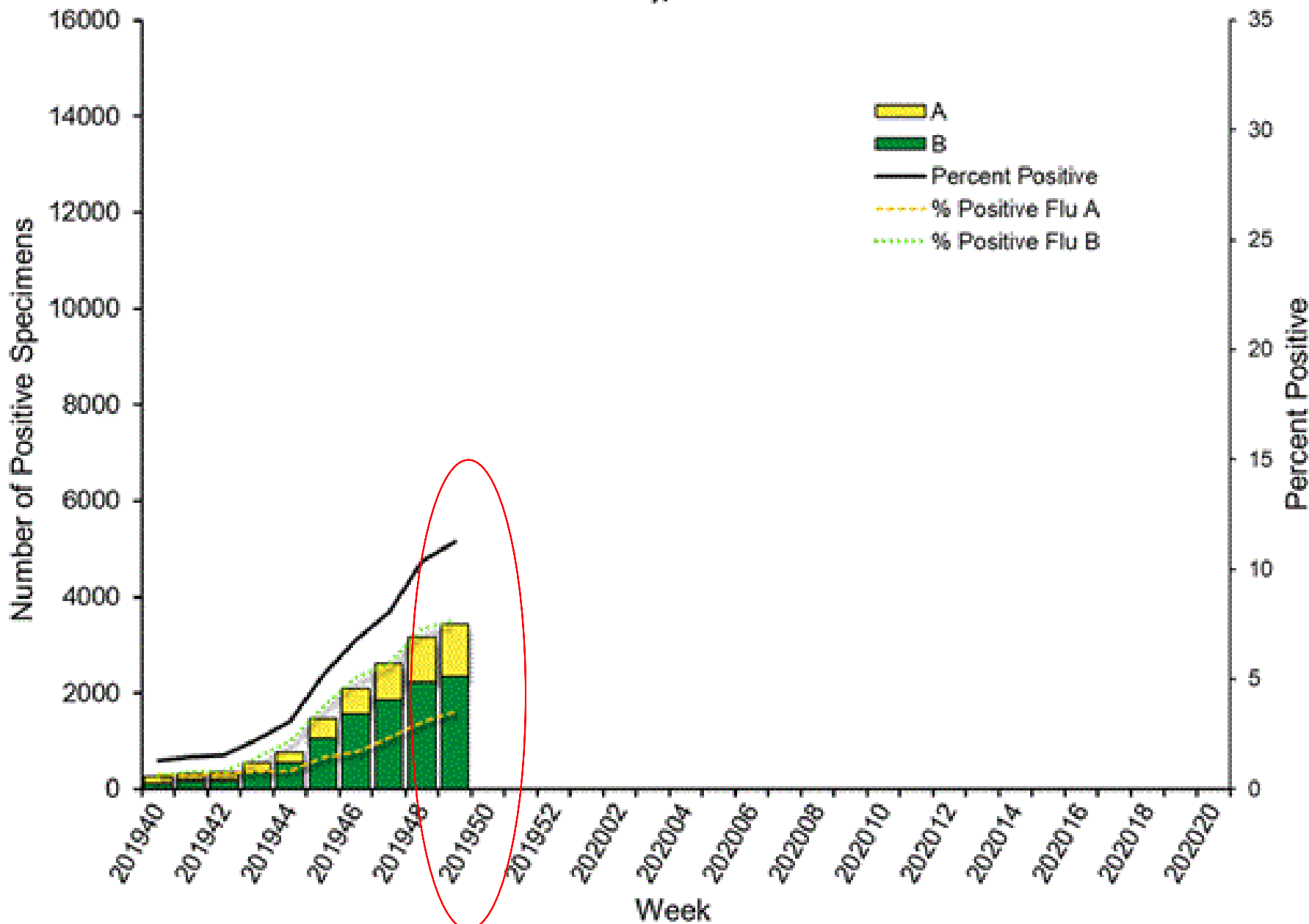


Respiratory Pathogens - Dec 14 2019

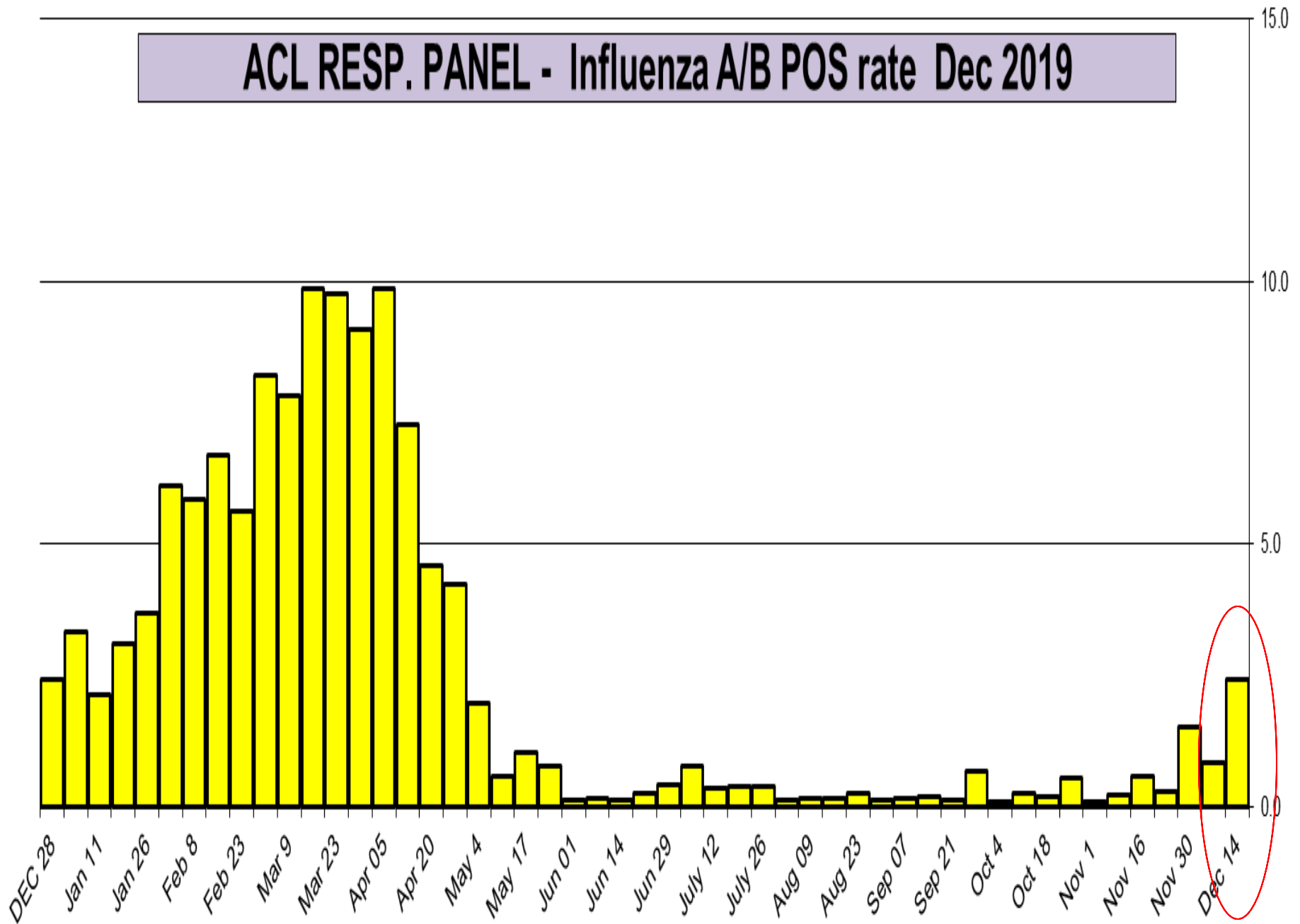
Week	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	All Para	EV/ Rhino	Meta pneumo	Adeno	All Corona	Bocca	Myc. pneumo	Chlam. pneumo.	Legionella pneumo.	BP / BPP	Total Pos	POS FLU	Total	ACL RPPNL	US %FLU	IL/WI PCR	ACL FLUPCR
Dec 14	0	4	8	6	55	13	65	22	14	2	3	5	0	0	6	203	18	737	2.4	n/a	n/a	17.6
Dec 07	0	1	4	4	44	16	70	16	21	1	9	5	0	0	4	195	9	1060	0.8	11.3	7.1	12.9
Nov 30	0	1	4	6	33	27	76	18	21	2	11	3	2	0	2	206	11	728	1.5	10.2	5.0	10.0
Nov 23	0	0	0	3	26	26	75	8	21	1	3	7	0	0	3	171	3	1018	0.3	8.0	2.9	3.3
Nov 16	0	1	0	5	17	28	81	6	14	3	7	3	0	0	2	167	6	1004	0.6	7.3	1.9	3.3
Nov 9	0	2	0	0	8	16	76	6	9	1	7	4	0	0	3	132	2	844	0.2	5.7	0.9	2.8
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	0.6
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

Flu PCR % Rate

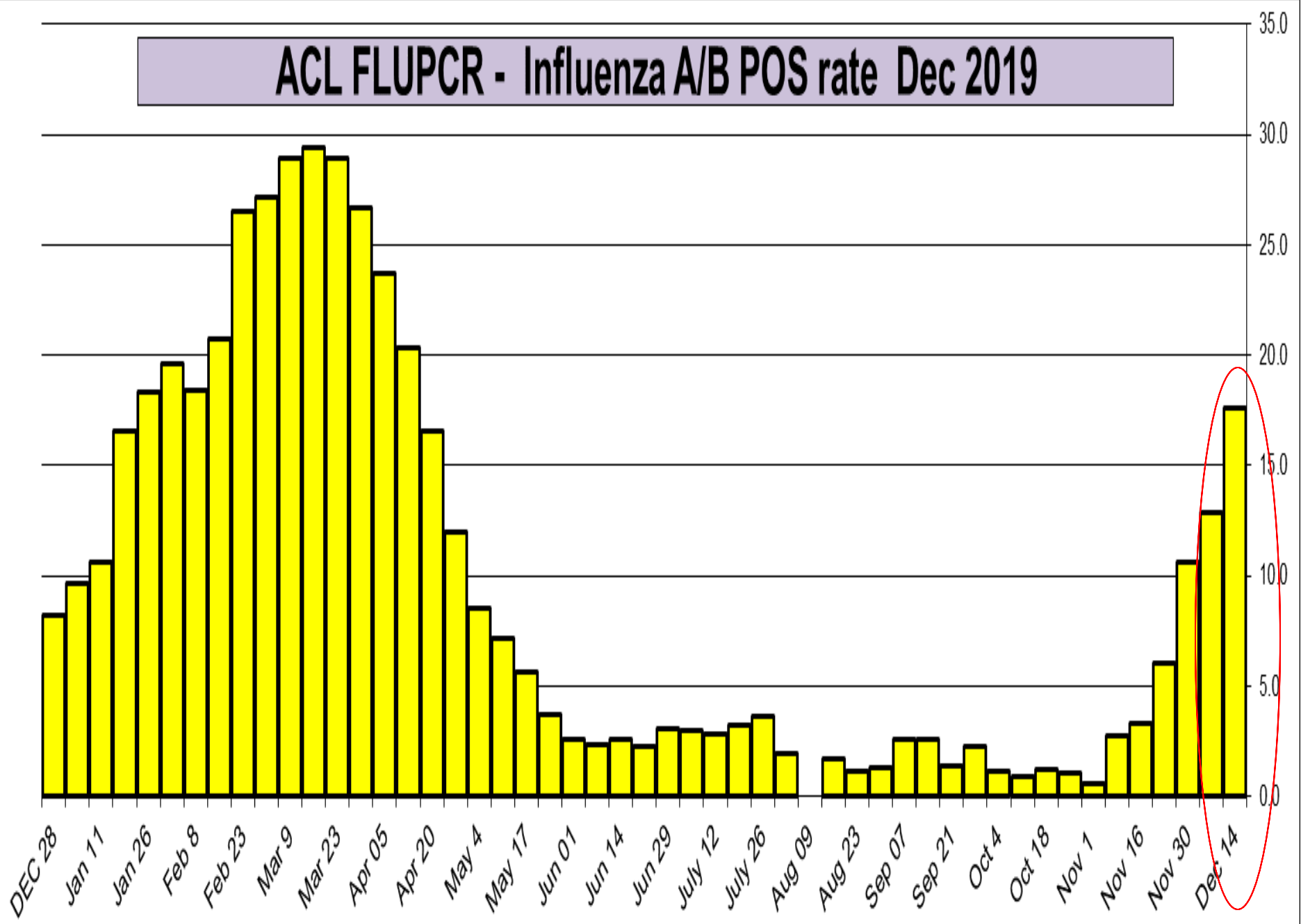
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2019-2020 Season



ACL RESP. PANEL - Influenza A/B POS rate Dec 2019



ACL FLUPCR - Influenza A/B POS rate Dec 2019



Neuraminidase Inhibitors Resistance in samples collected – as of Dec 7, 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	81	1.2	81	1.3	81	0
Inf A (H3N2)	130	0	130	0	130	0
Inf B	204	0	204	0	204	0

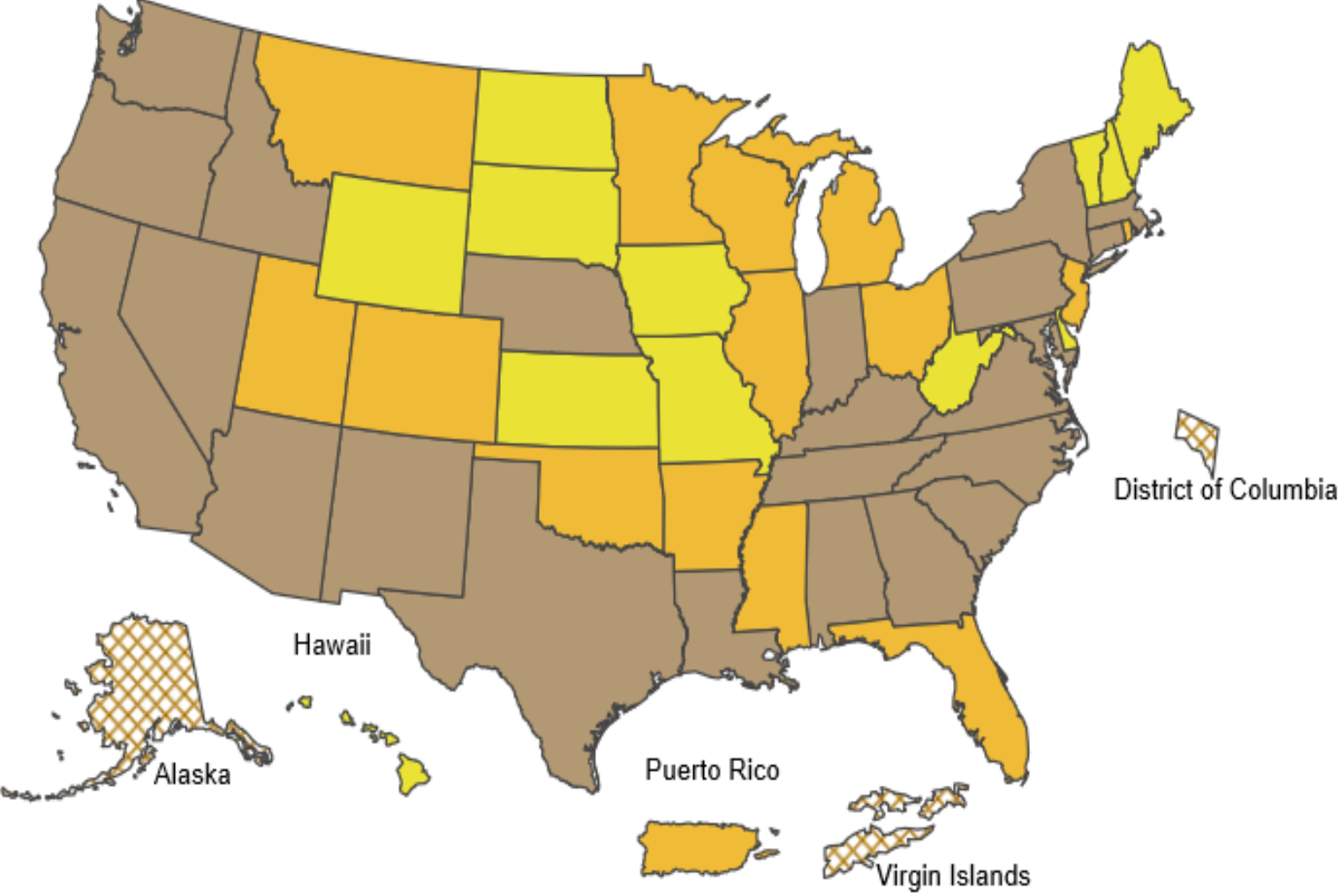
PA Endonuclease Inhibitor Resistance

	Baloxavir					
	Virus Samples tested (n)	Resistant Viruses, (%)				
Inf A (H1N1) pdm09	75	0				
Inf A (H3N2)	122	0				
Inf B	135	0				

Week Ending Dec 07, 2019 - Week 49

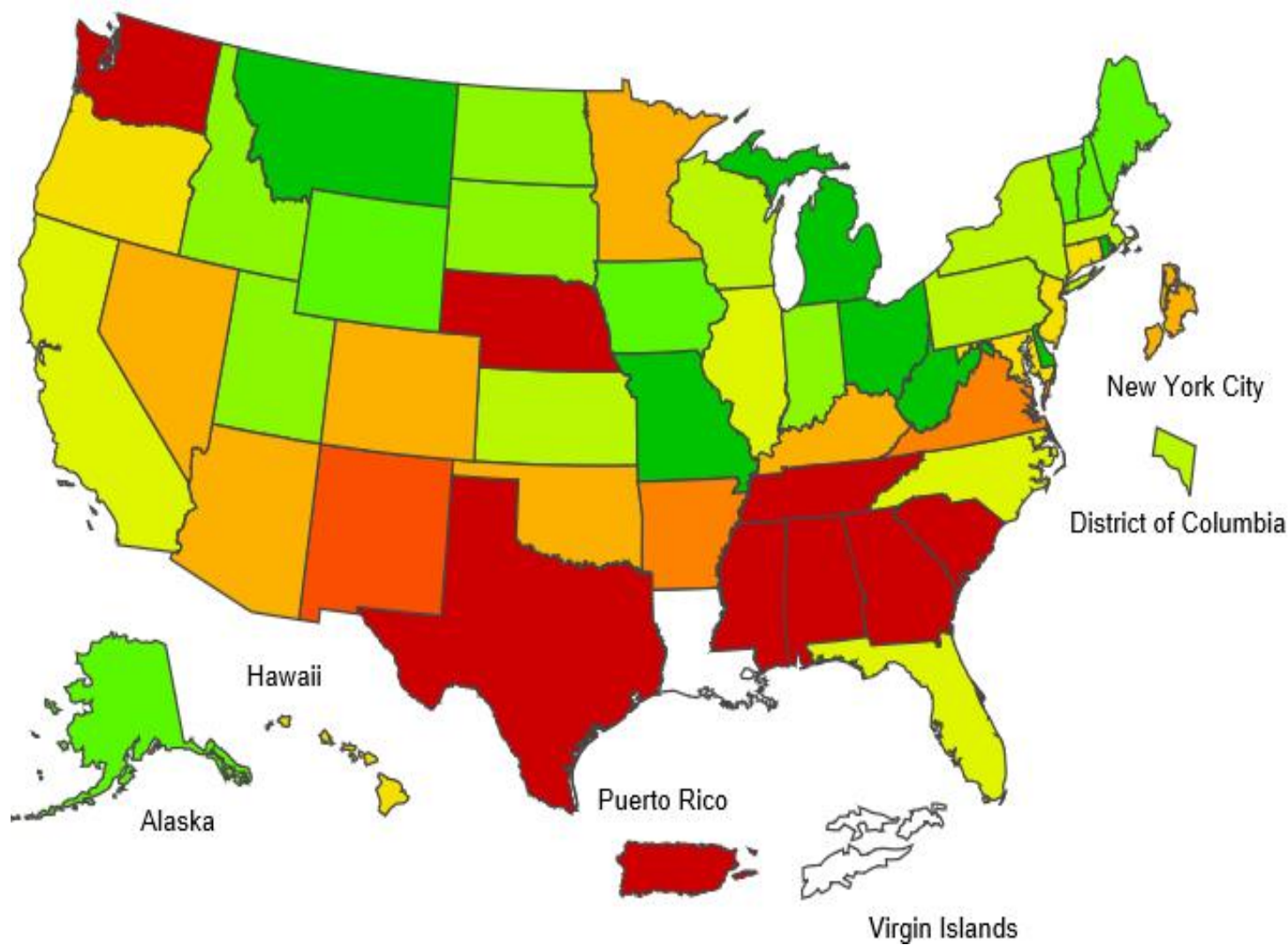
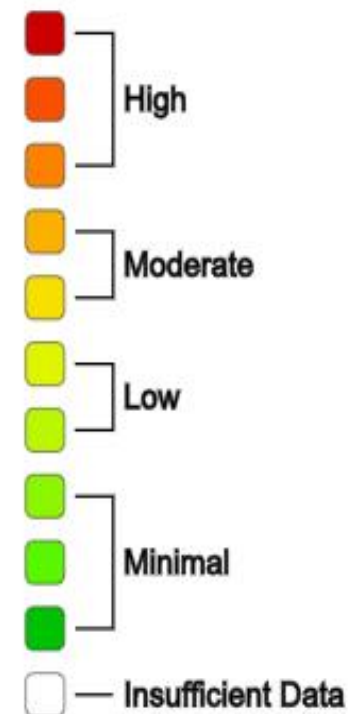
Influenza Activity

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



2019-20 Influenza Season Week 49 ending Dec 07, 2019

ILI Activity Level



ACL RESP. PANEL - POS Rate Selected viruses

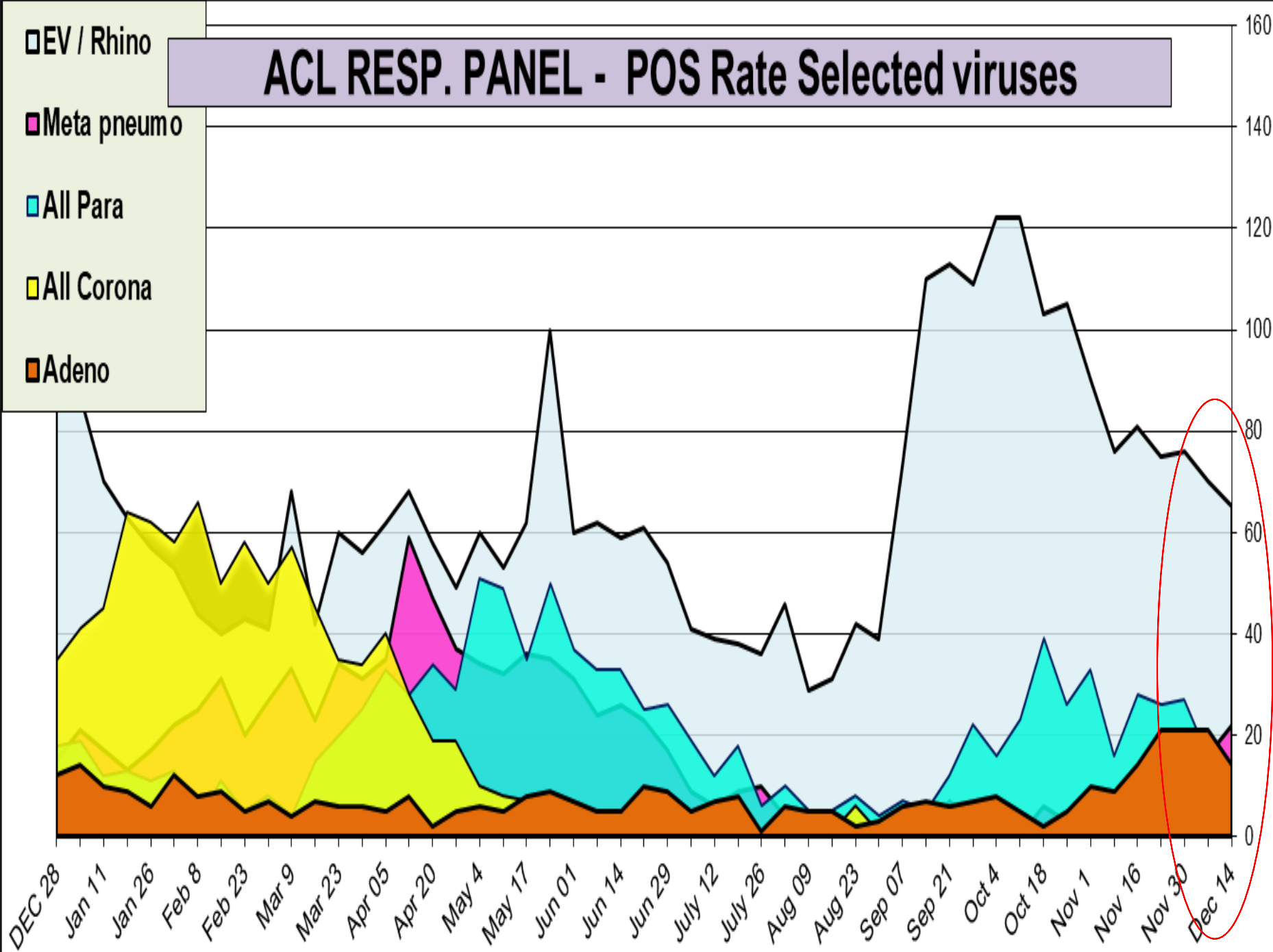
□ EV / Rhino

■ Meta pneumo

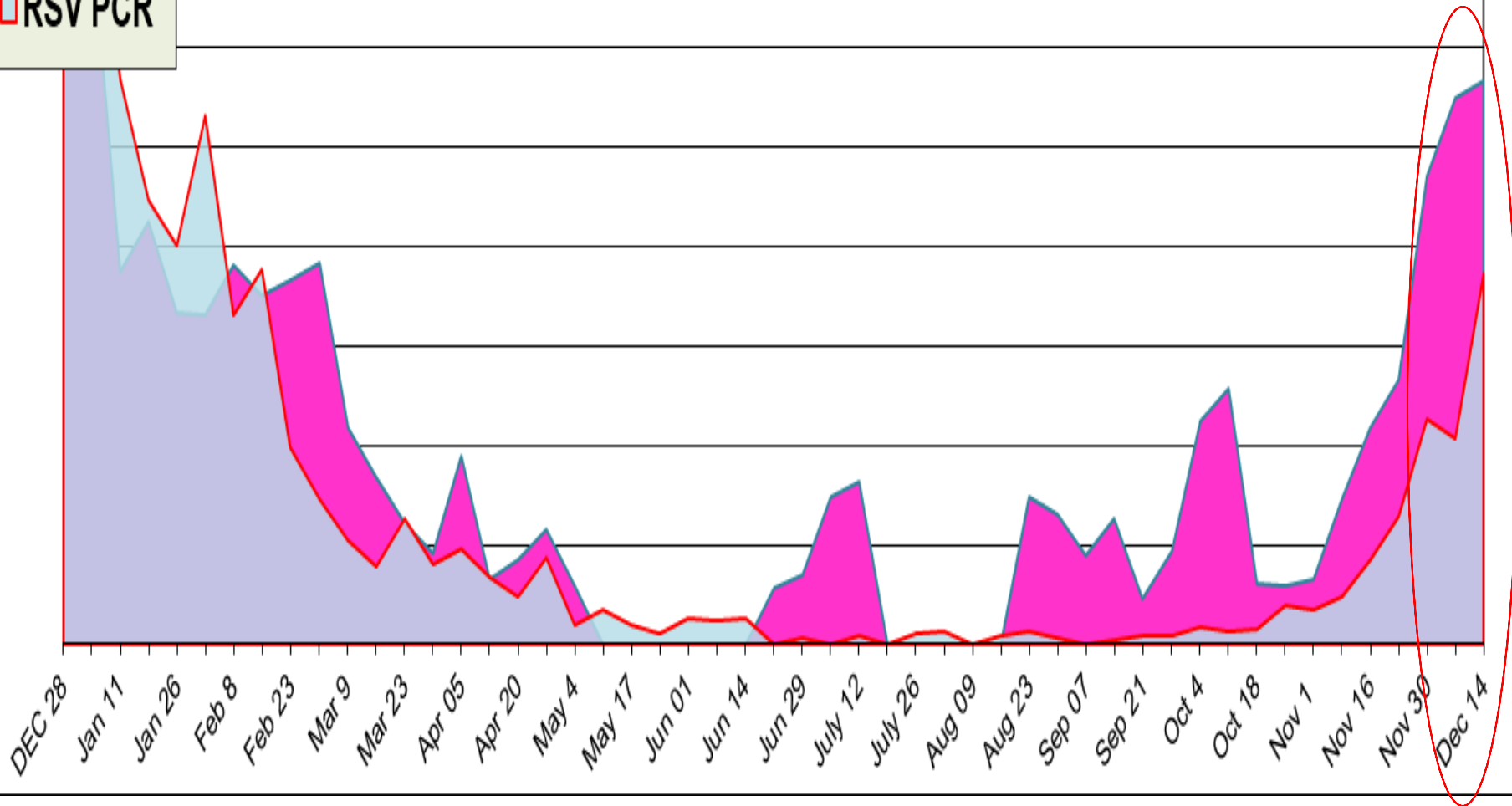
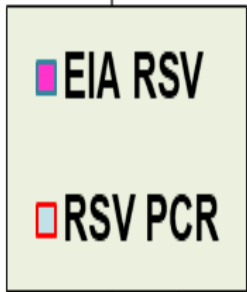
■ All Para

■ All Corona

■ Adeno

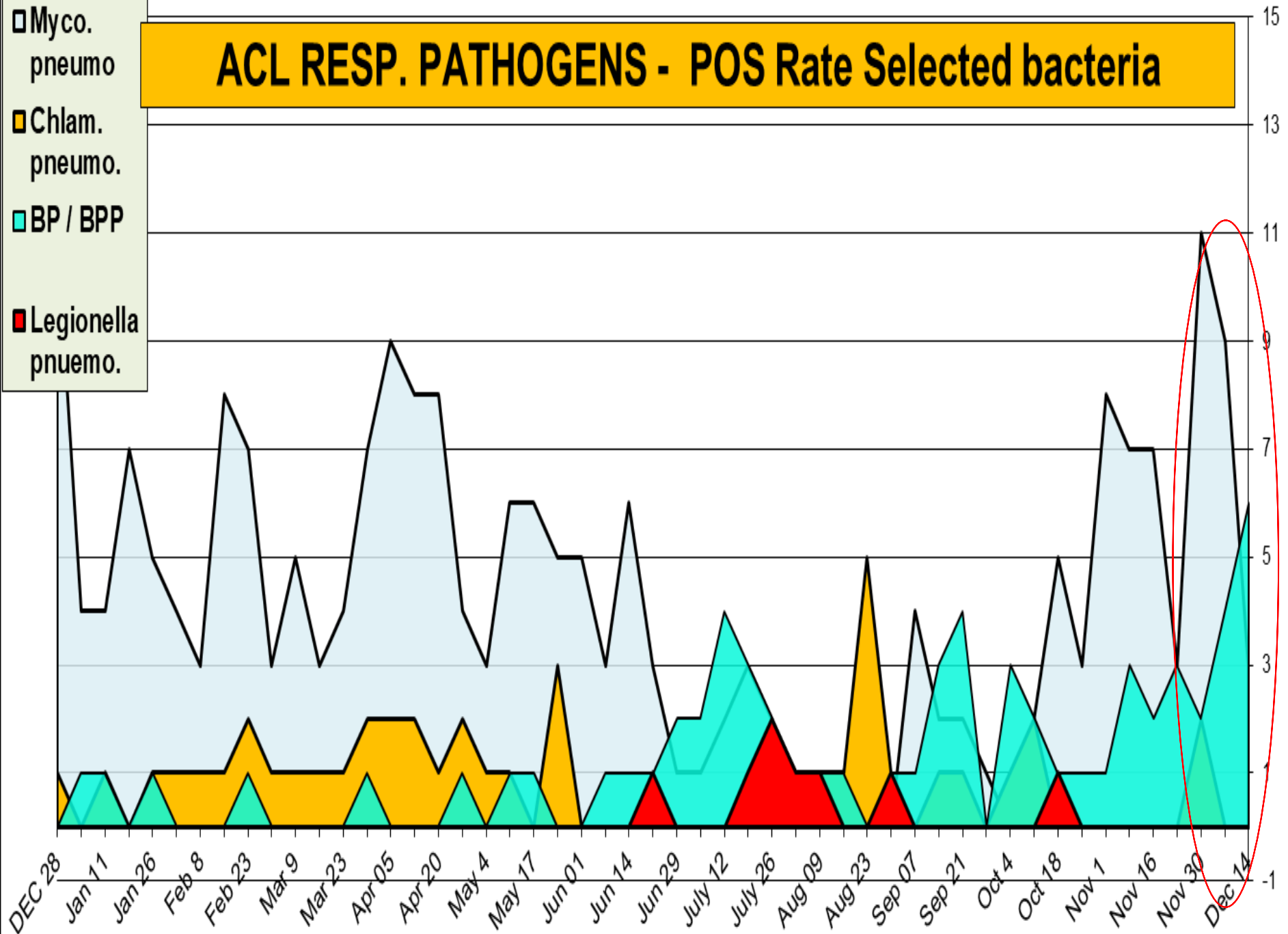


ACL RESP. PANEL - RSV PCR - 7.5%, RSV EIA - 11.4%

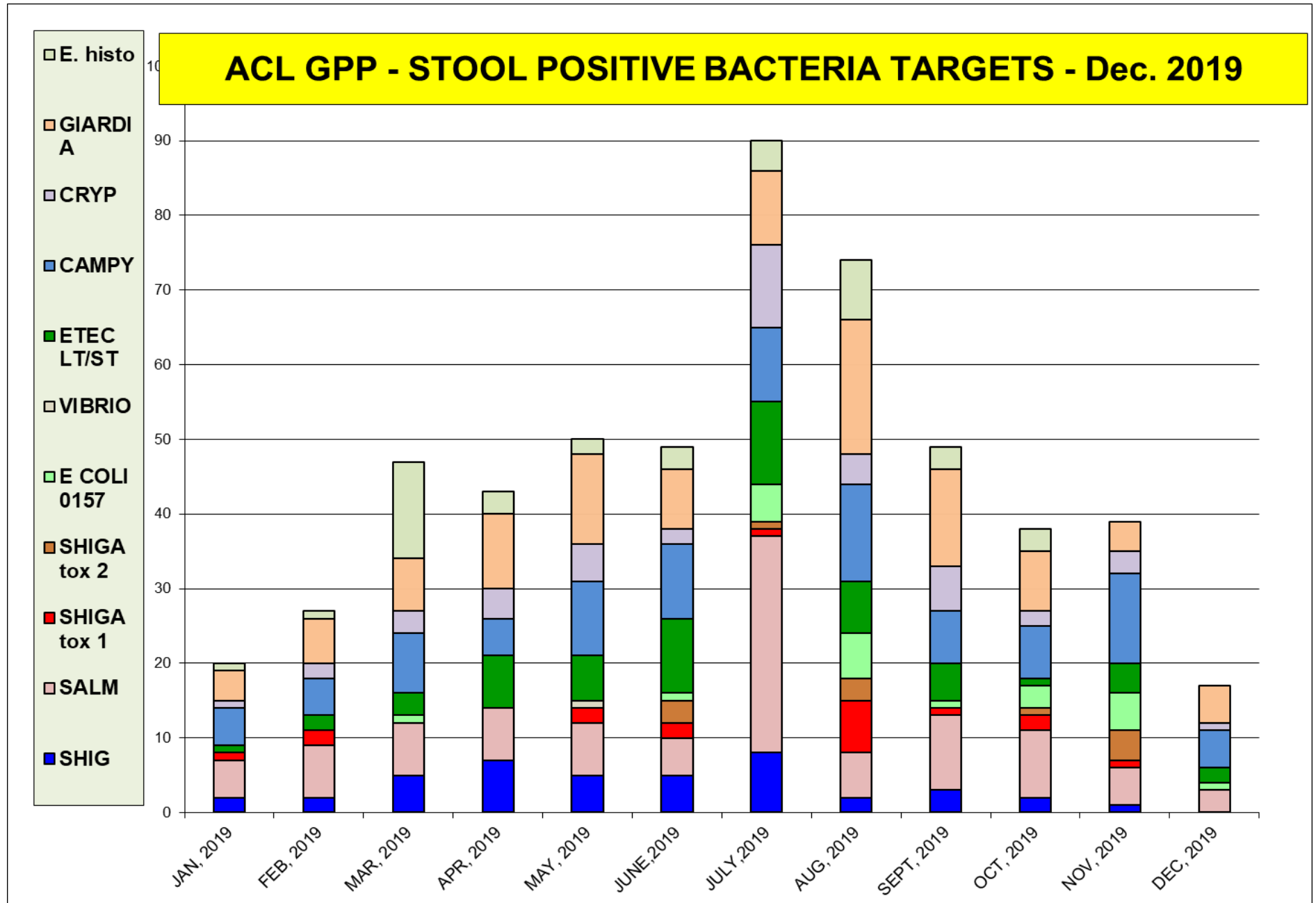


ACL RESP. PATHOGENS - POS Rate Selected bacteria

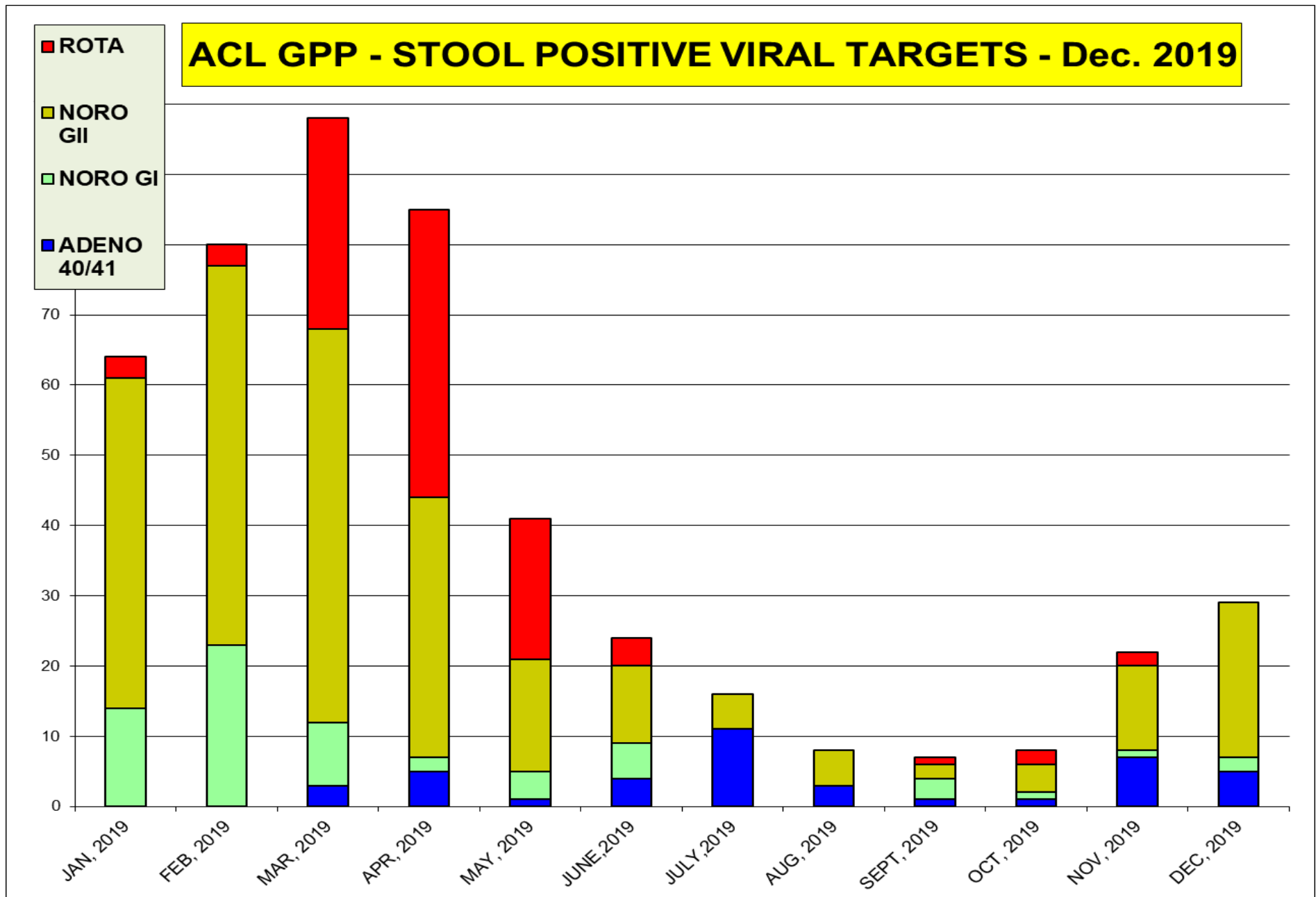
- Myco. pneumo
- Chlam. pneumo.
- BP / BPP
- Legionella pneumo.



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
4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820
23.2	16.8	2.4	0.4	3.2	1.6	10.9	29.2	87.8

