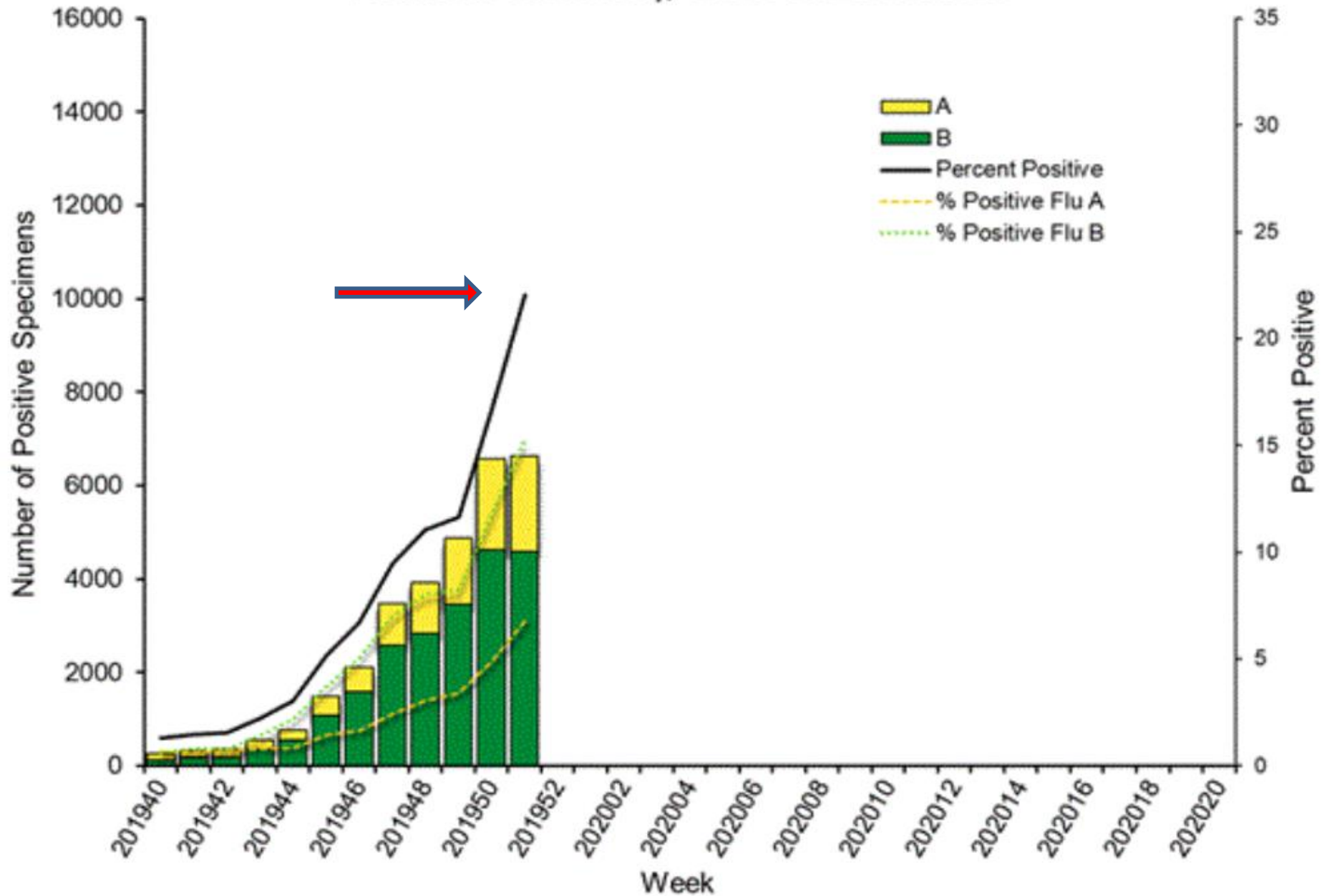


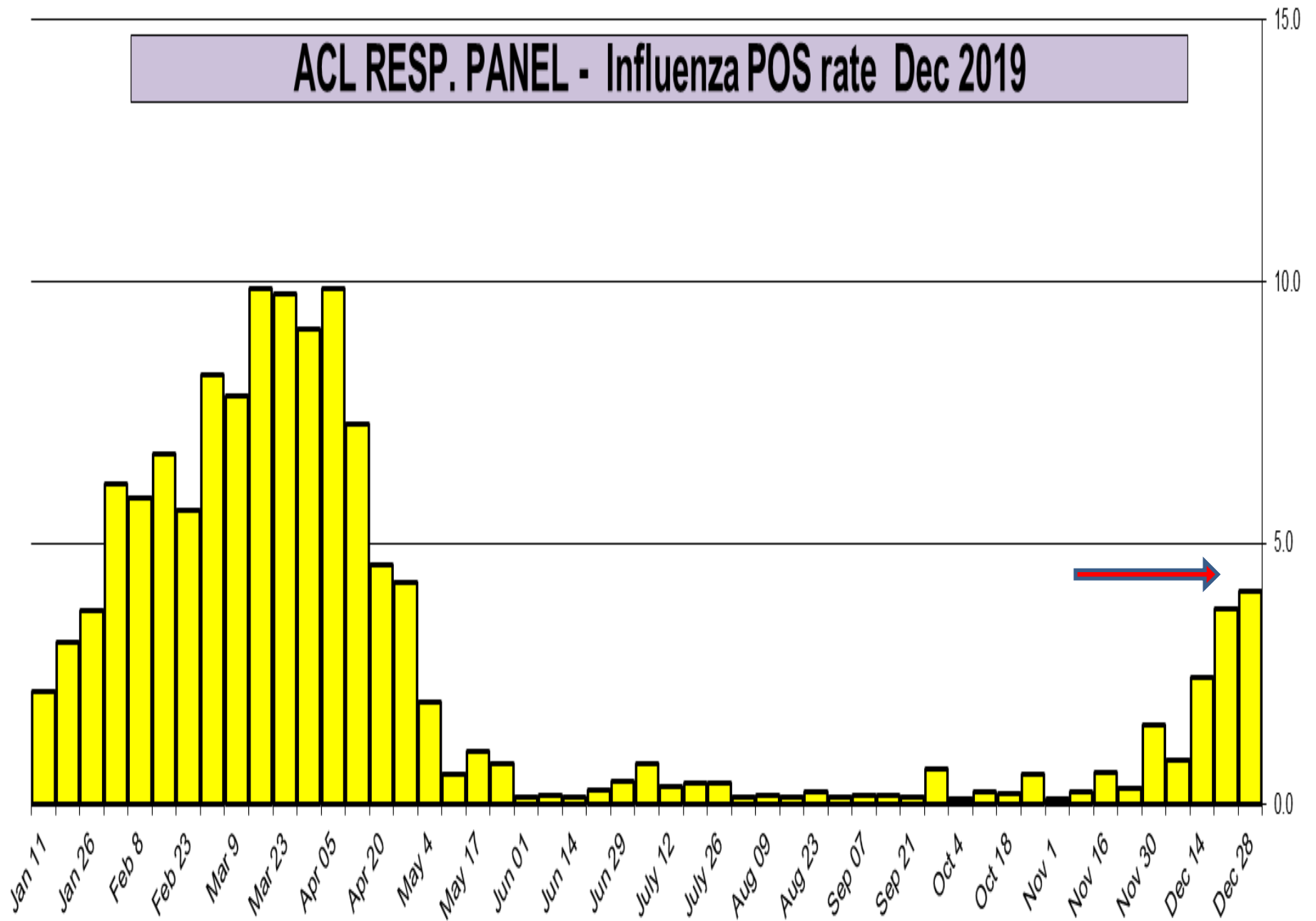
## Respiratory Pathogens - Dec 28 2019

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	ILWI PCR	ACL FLUPCR
Dec 28	0	4	7	22	107	11	72	27	17	3	14	0	0	0	6	290	33	809	4.1	n/a	n/a	38.9
Dec 21	0	1	11	19	76	8	53	29	20	3	15	5	0	0	1	241	31	826	3.8	22.1	11.2	27.2
Dec 14	0	4	8	6	55	13	65	22	14	2	3	5	0	0	6	203	18	737	2.4	16.3	11.2	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	10.6
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	6.1
Nov 16	0	1	0	5	17	28	81	6	14	3	7	3	0	0	2	167	6	1004	0.6	7.3	1.9	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

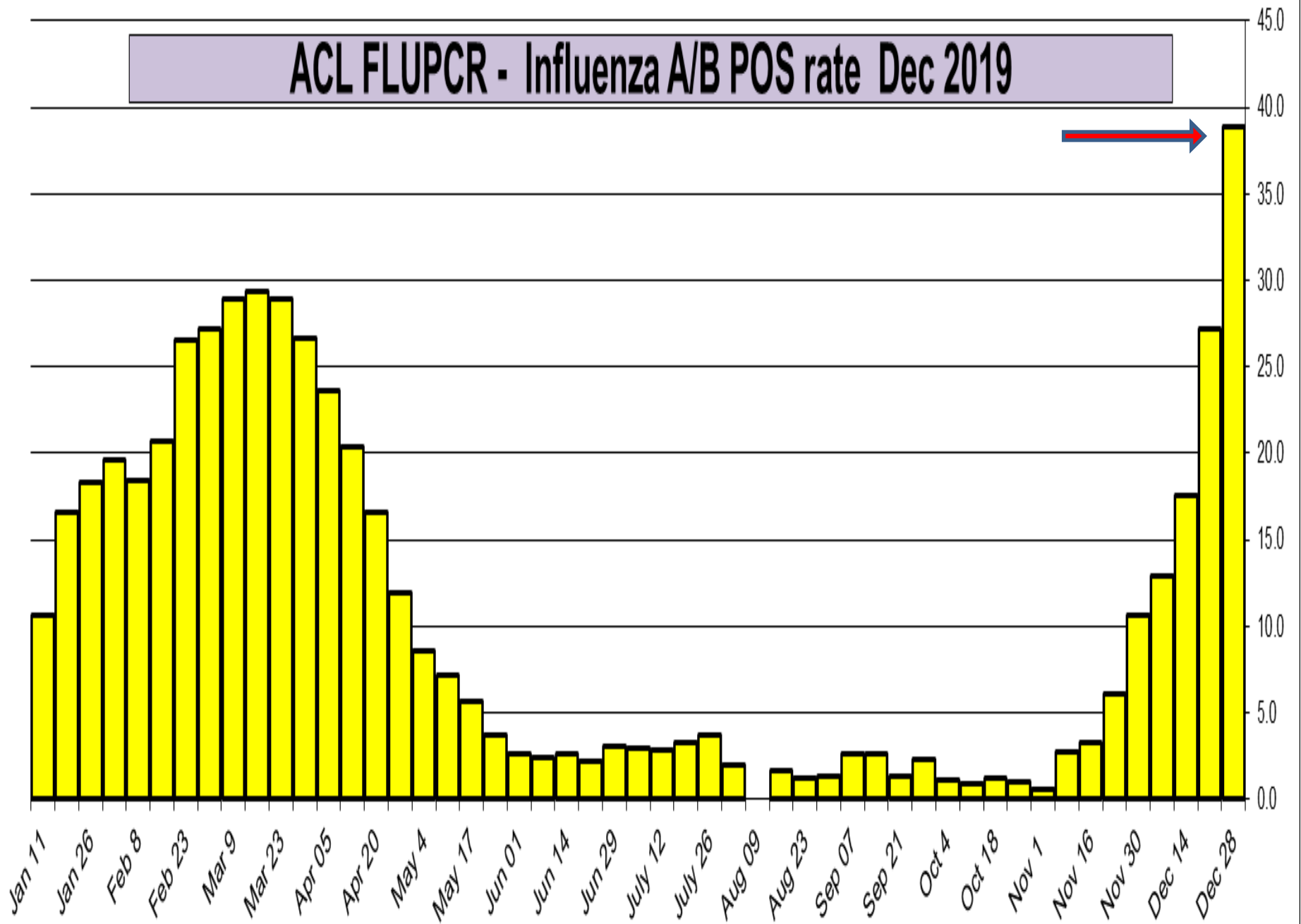
# Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2019-2020 Season



# ACL RESP. PANEL - Influenza POS rate Dec 2019



# ACL FLUPCR - Influenza A/B POS rate Dec 2019



## Neuraminidase Inhibitors Resistance in samples collected – as of Dec 21, 2019

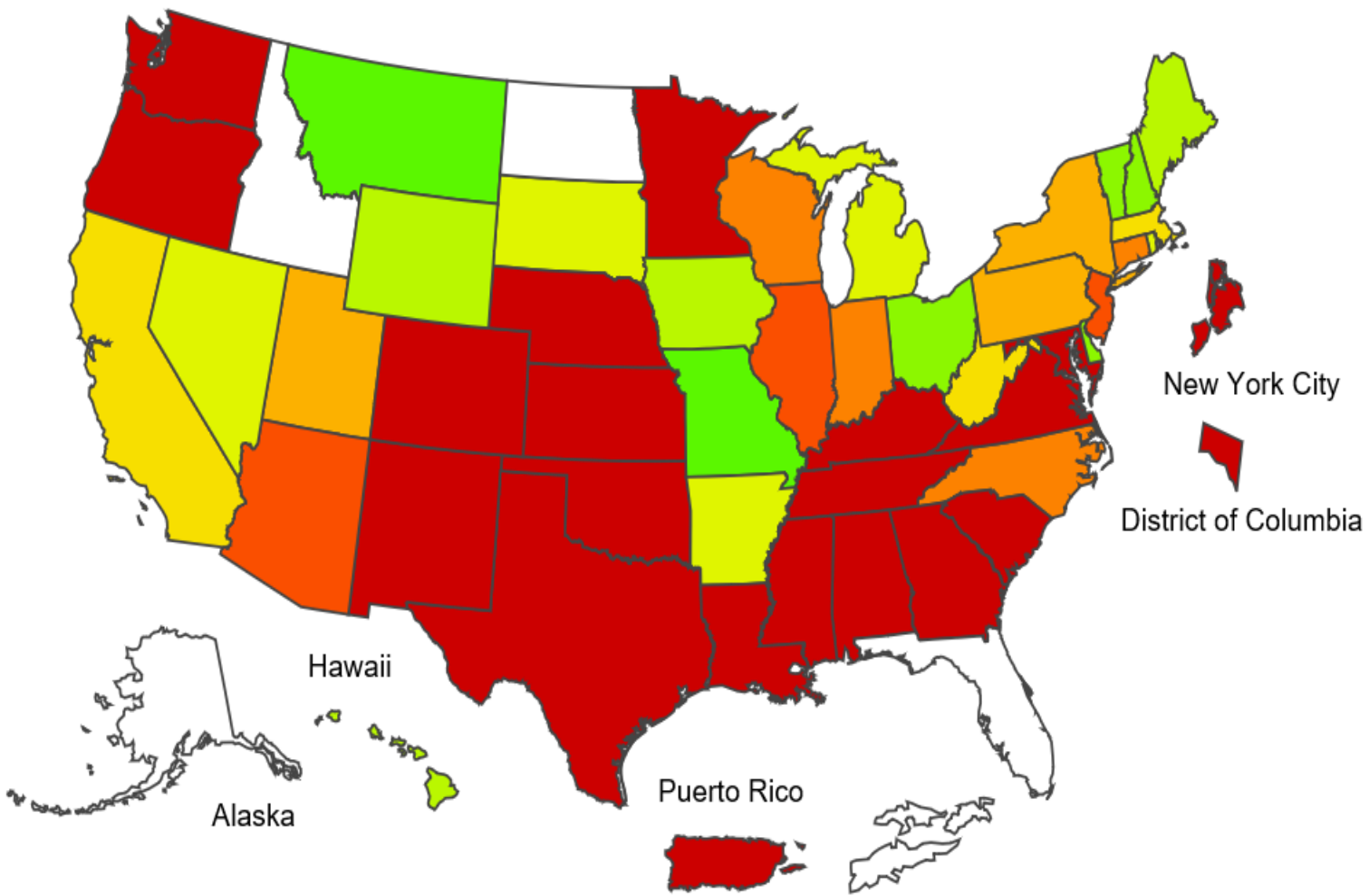
	Oseltamivir		Peramivir		Zanamivir	
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)
Inf A (H1N1) pdm09	<b>142</b>	<b>0.2</b>	<b>142</b>	<b>0.2</b>	<b>142</b>	<b>0</b>
Inf A (H3N2)	<b>166</b>	<b>0</b>	<b>166</b>	<b>0</b>	<b>166</b>	<b>0</b>
Inf B	<b>238</b>	<b>0</b>	<b>238</b>	<b>0</b>	<b>238</b>	<b>0</b>

## PA Endonuclease Inhibitor Resistance

	Baloxavir					
	Virus Samples tested (n)	Resistant Viruses, (%)				
Inf A (H1N1) pdm09	<b>142</b>	<b>0</b>				
Inf A (H3N2)	<b>166</b>	<b>0</b>				
Inf B	<b>238</b>	<b>0</b>				

2019-20 Influenza Season Week 51 ending Dec 21, 2019

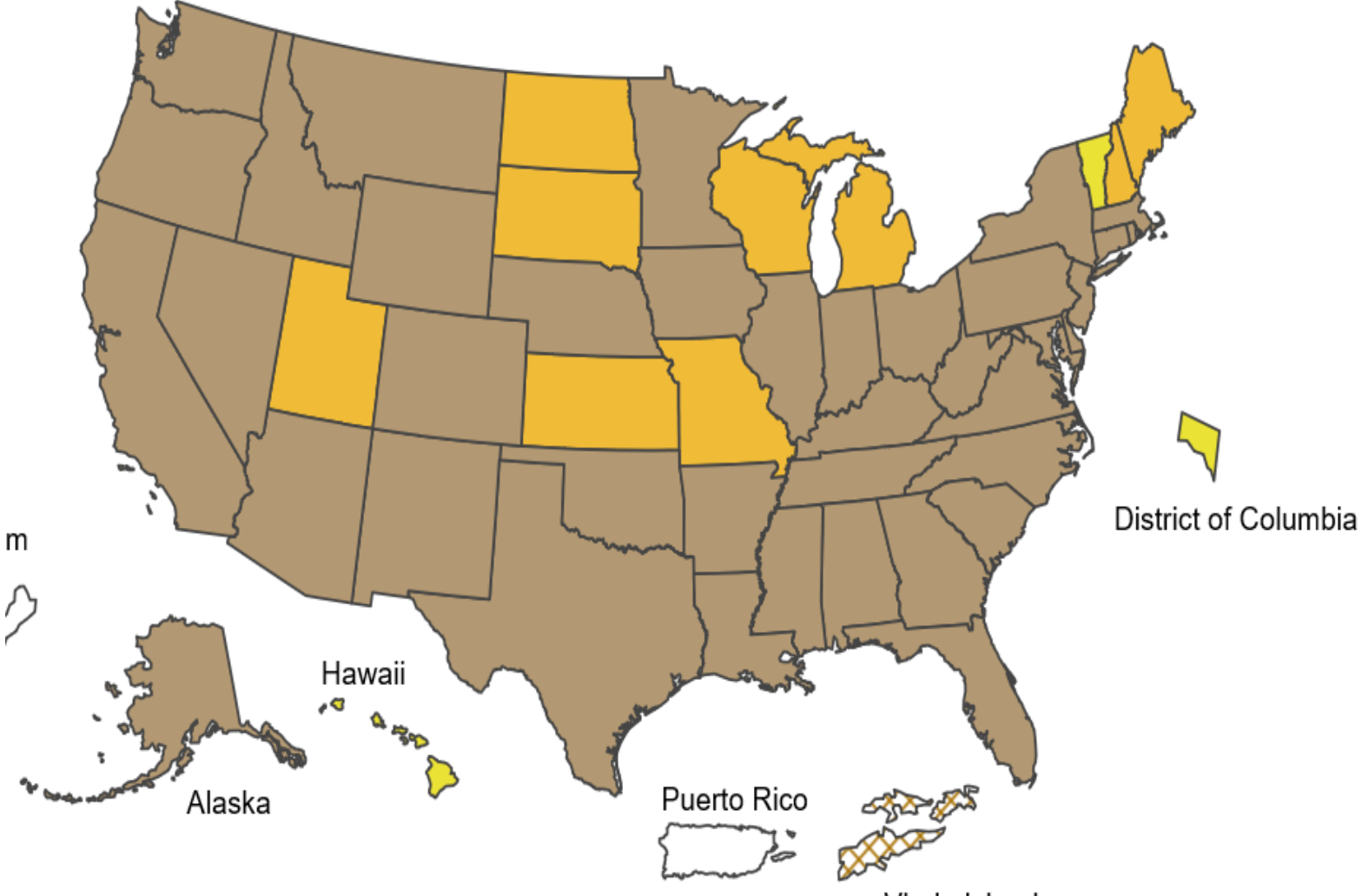
ILI Activity Level



Week Ending Dec 21, 2019 - Week 51

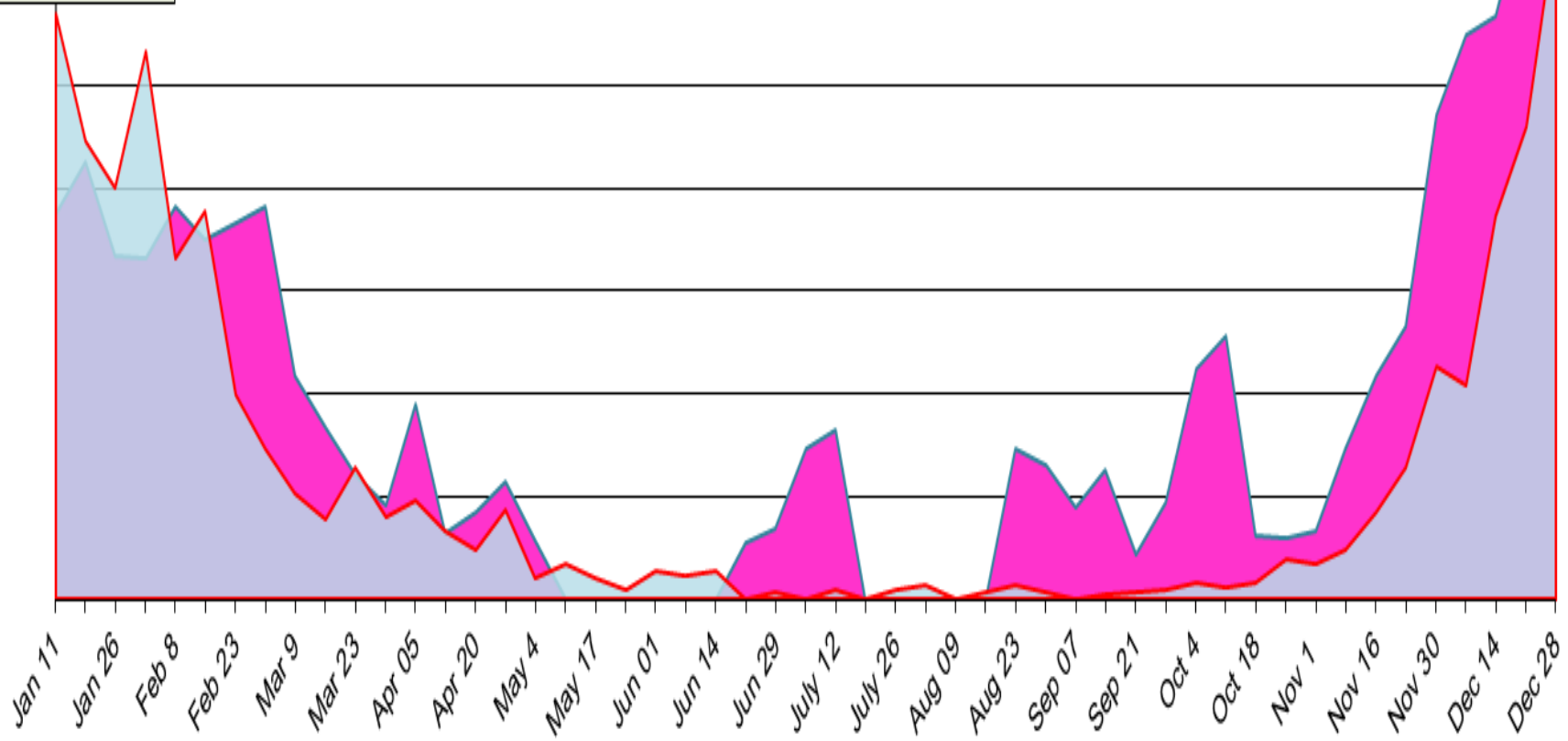
Influenza Activity

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



# ACL RESP. PANEL - RSV PCR - 13.2, RSV EIA - 12.0%

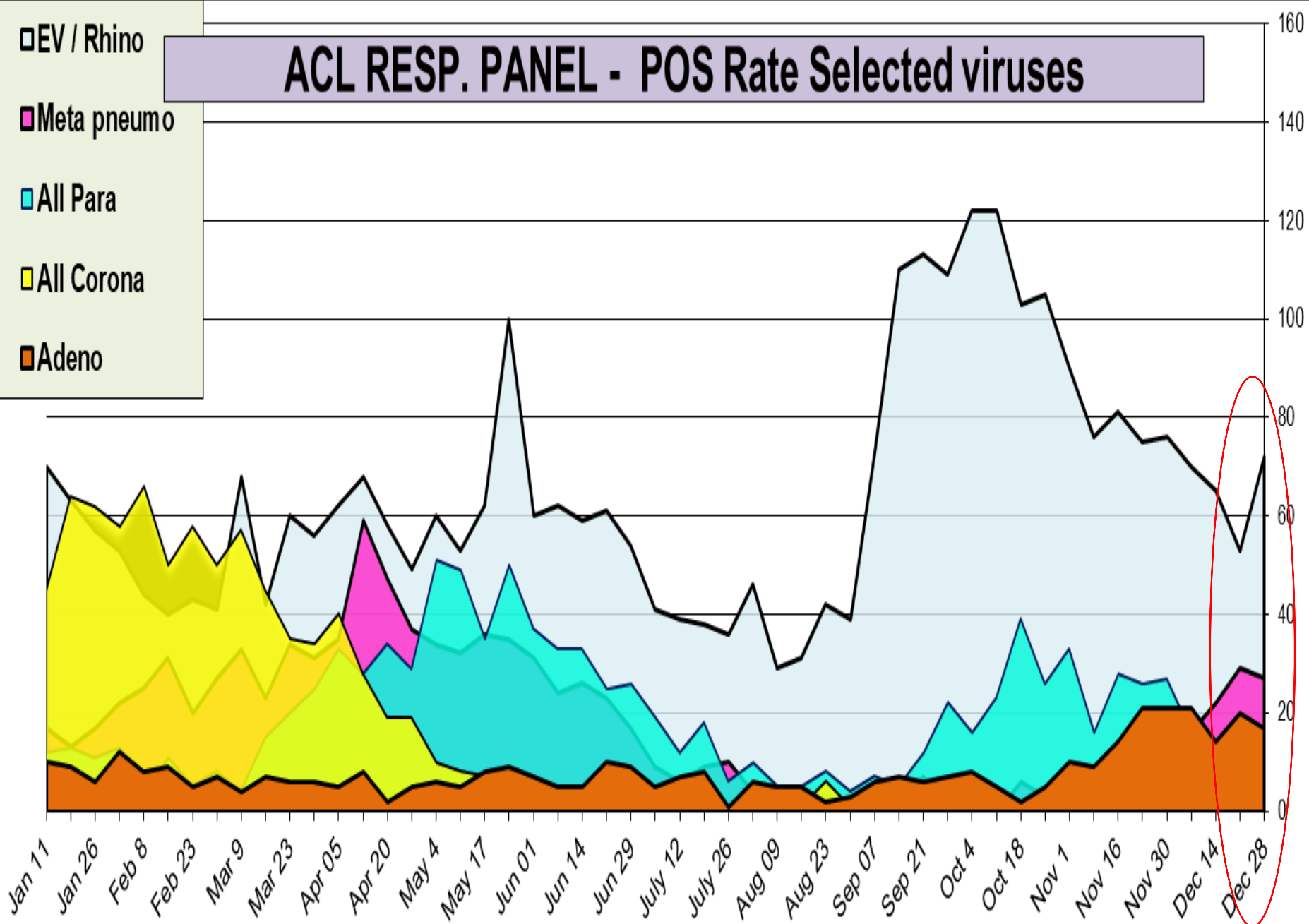
EIA RSV  
RSV PCR





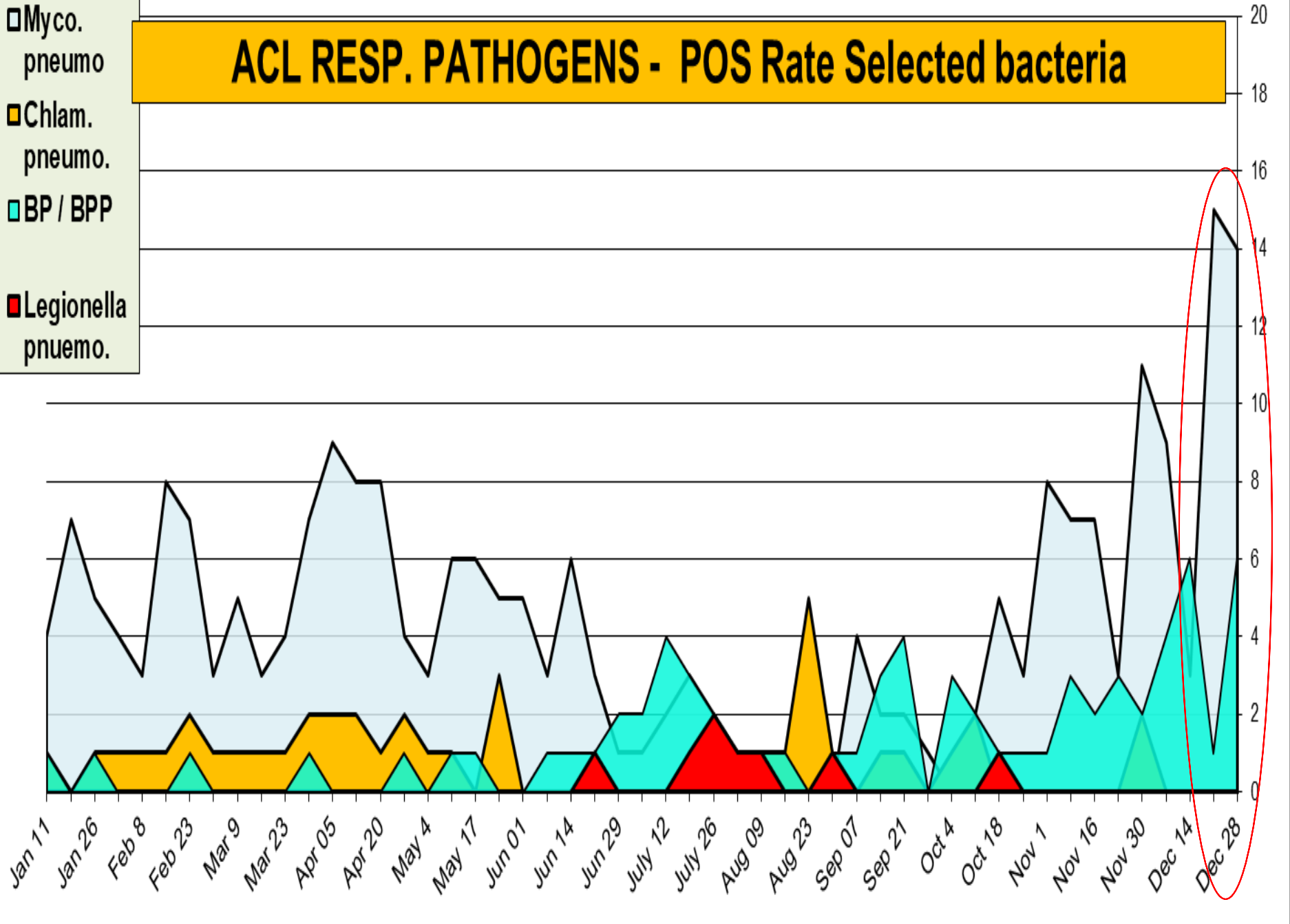
# ACL RESP. PANEL - POS Rate Selected viruses

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

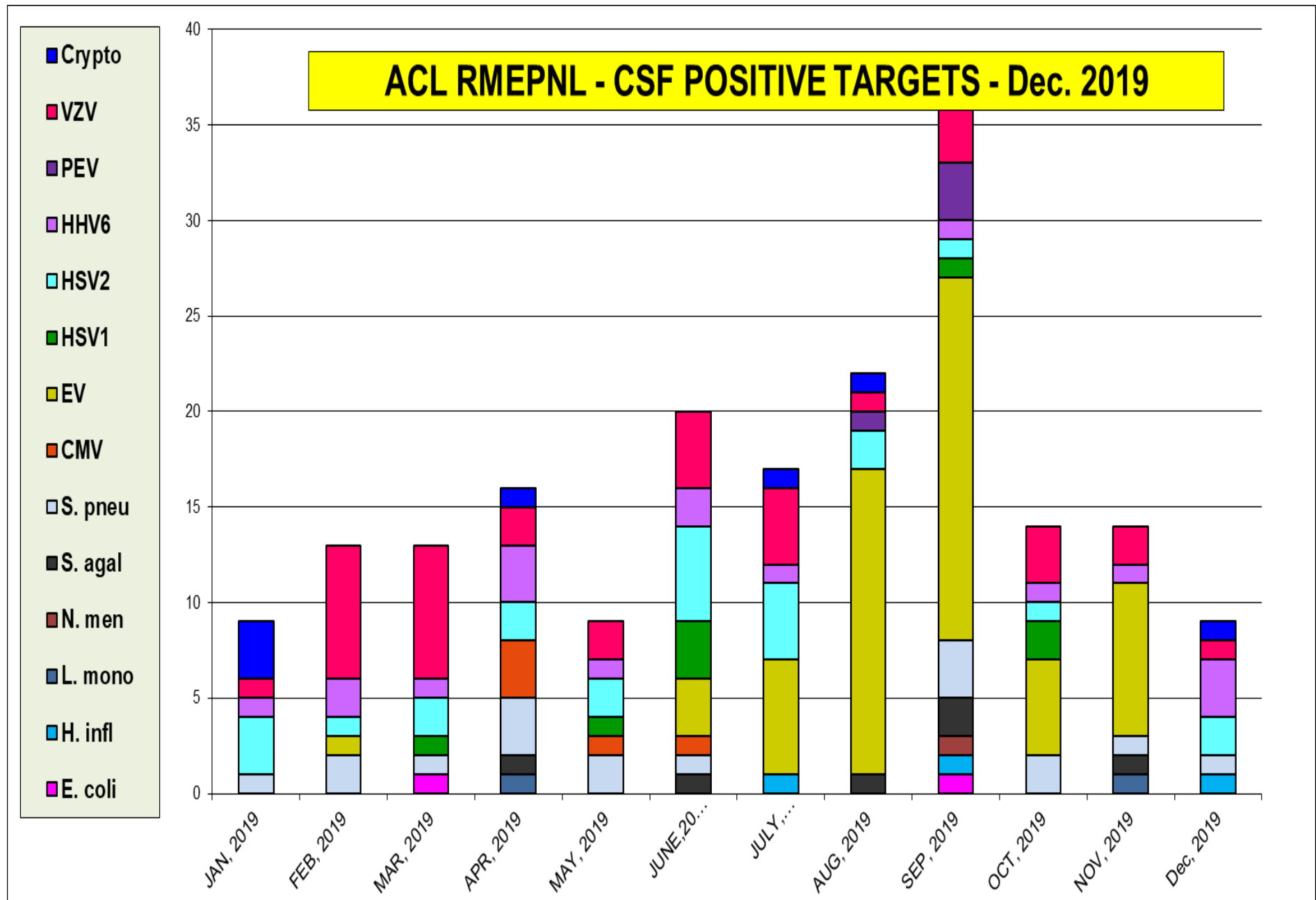


# ACL RESP. PATHOGENS - POS Rate Selected bacteria

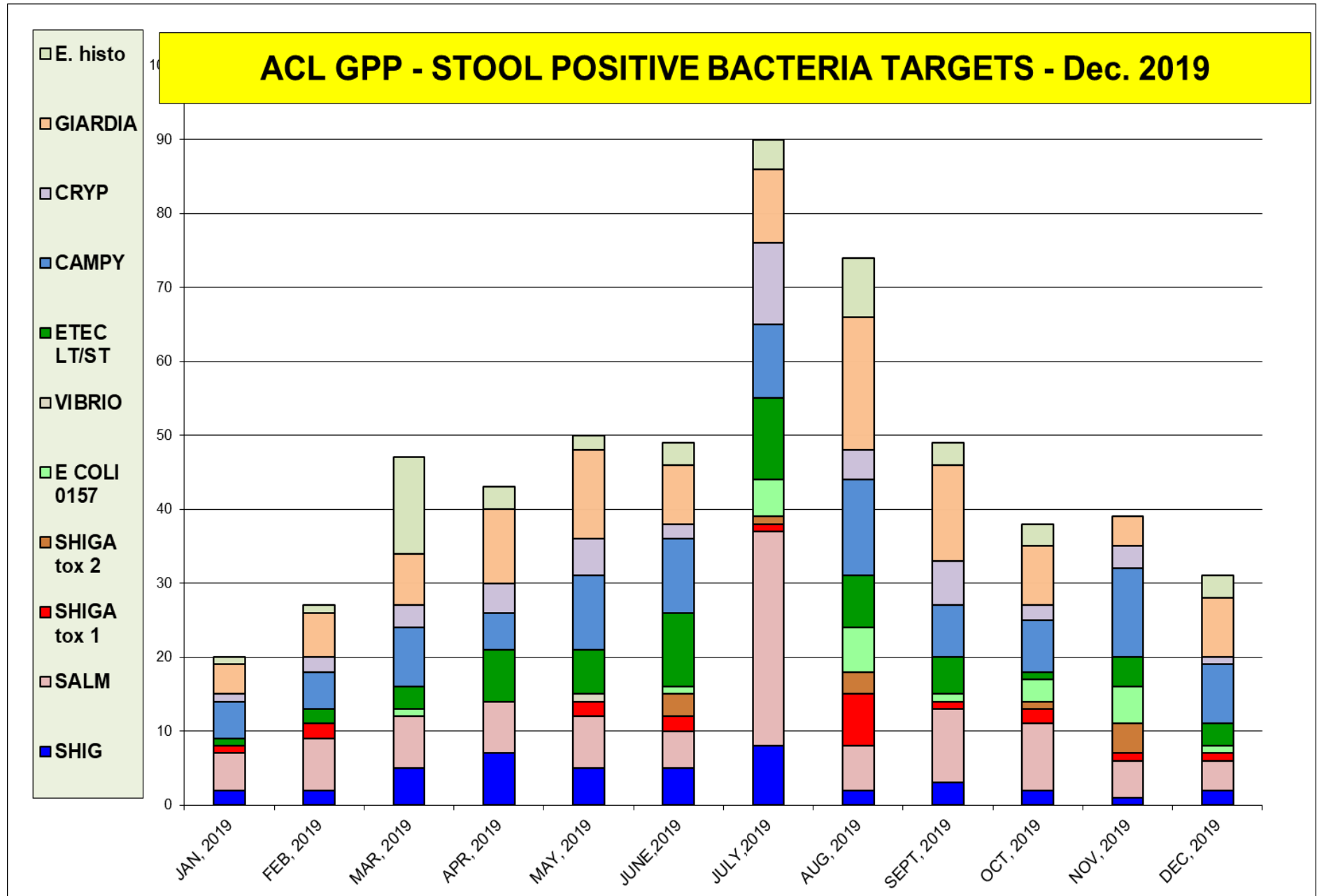
- Myco. pneumo.
- Chlam. pneumo.
- BP / BPP
- Legionella pneumo.



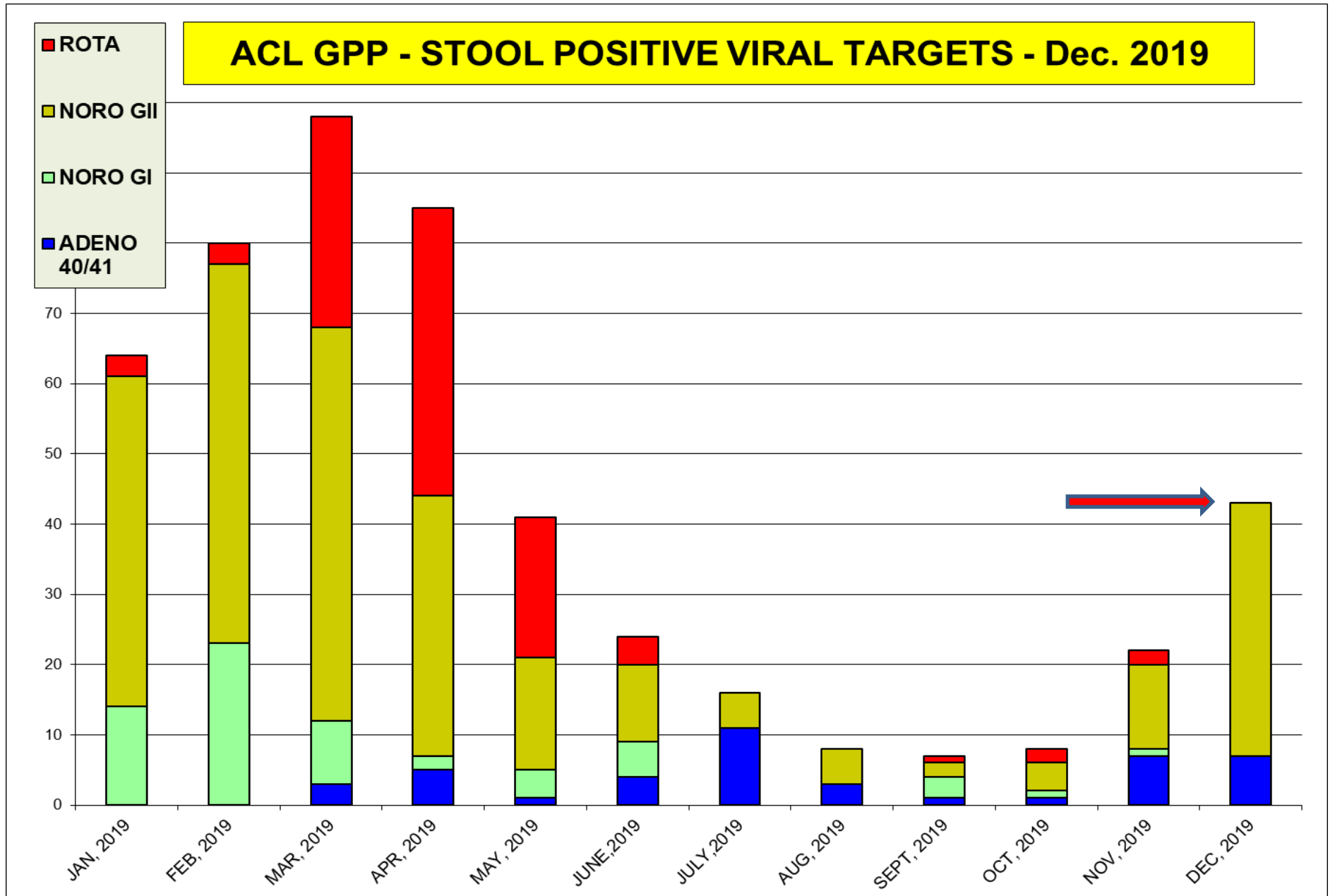
The most prevalent target is HHV6 (all CSF viruses pos rate is 6 %)



The most prevalent bacterial target is **Campylobacter**



The most prevalent virus target is **Norovirus 8.1%**



BV	C.ALB	C.GLB	C.KUR	T.VAG	M.GEN	M.HOM	U.PAV	Tot. Test
4,992	4,992	4,992	4,992	4,992	4,992	4,992	4,992	4,992
<b>23.4</b>	<b>17.1</b>	<b>2.3</b>	<b>0.4</b>	<b>3.2</b>	<b>1.4</b>	<b>10.8</b>	<b>29.1</b>	<b>87.8</b>

