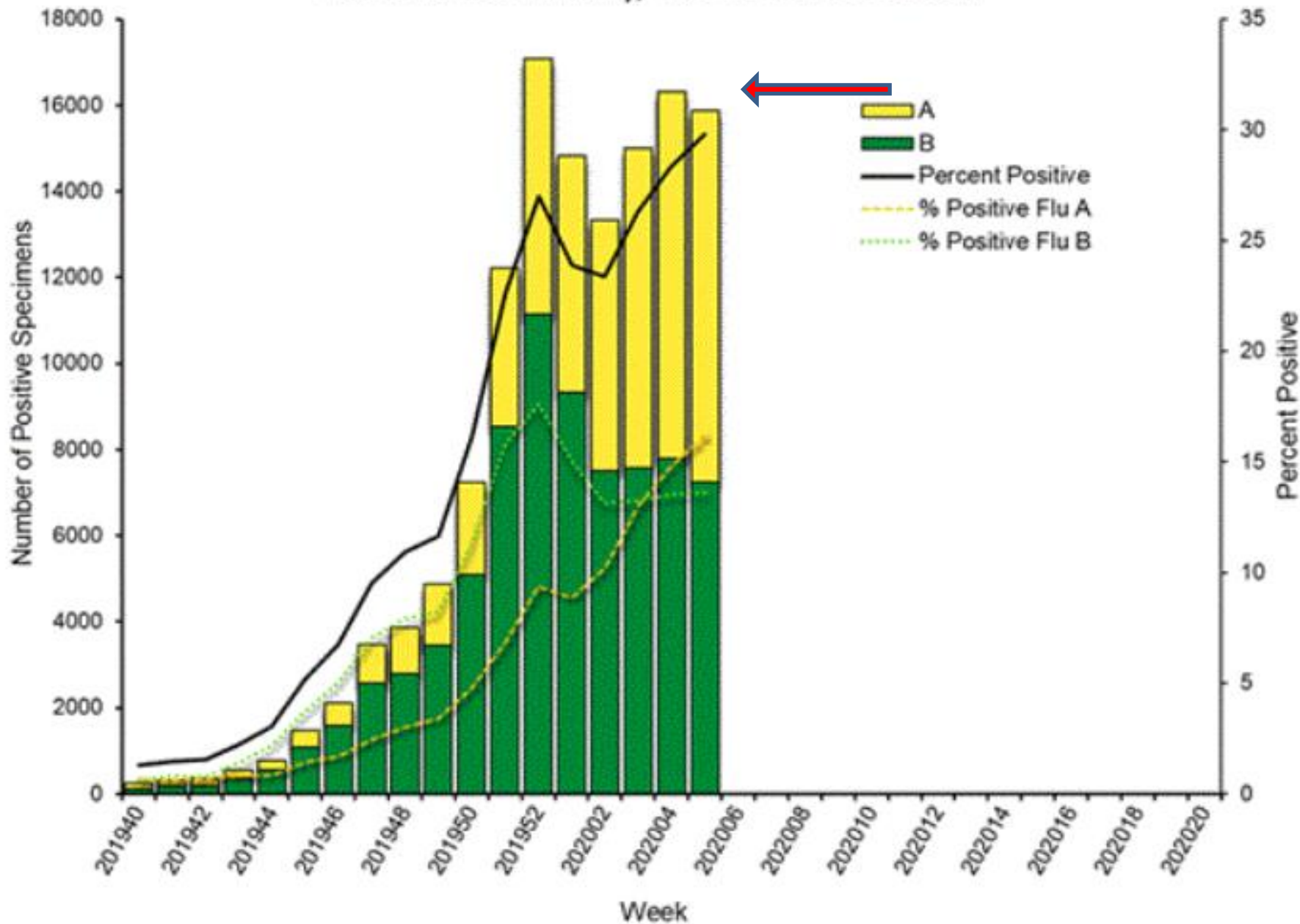


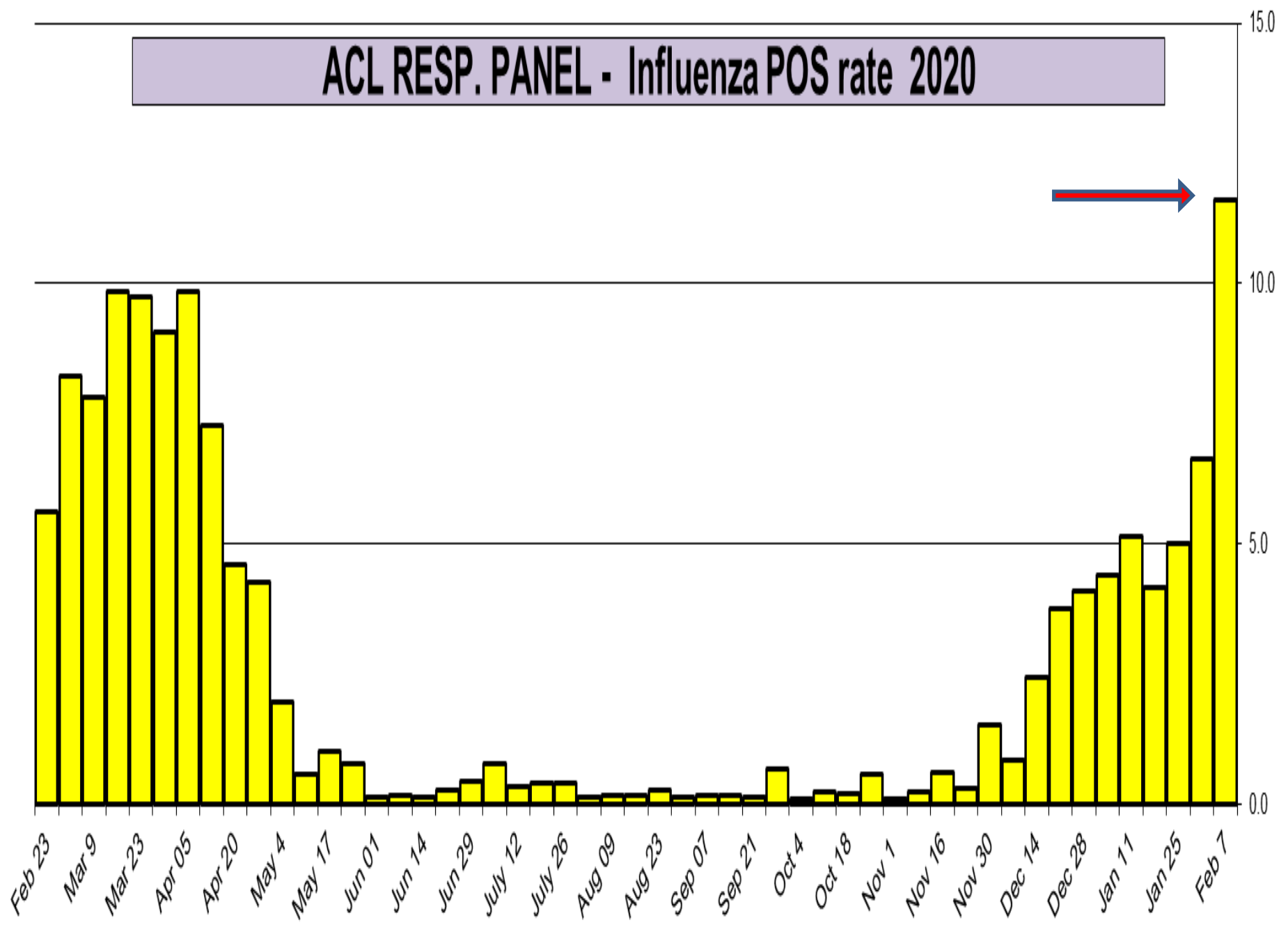
## Respiratory Pathogens - Feb 7 2020

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
Feb 7	0	3	76	32	73	5	51	69	12	14	10	2	1	0	1	349	111	958	11.6	n/a	n/a	48.2
Feb 1	0	1	55	24	81	12	63	61	13	5	5	1	1	1	1	324	80	1205	6.6	29.8	34.8	42.1
Jan 25	0	3	33	24	82	5	32	38	5	4	7	2	0	0	2	237	60	1197	5.0	28.4	31.2	39.1
Jan 18	0	3	17	14	98	9	39	42	15	6	6	3	1	0	2	255	34	819	4.2	26.3	28.0	30.8
Jan 11	0	4	26	22	113	13	39	60	16	2	3	5	0	0	1	304	52	1010	5.1	23.4	23.4	53.0
Jan 4	0	3	18	24	119	17	52	61	21	9	13	4	1	0	0	342	45	1027	4.4	24.0	24.7	37.6
Dec 28	0	4	7	22	107	11	72	27	17	3	14	0	0	0	6	290	33	809	4.1	26.8	26.9	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	19.6	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	12.0	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	7.2	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

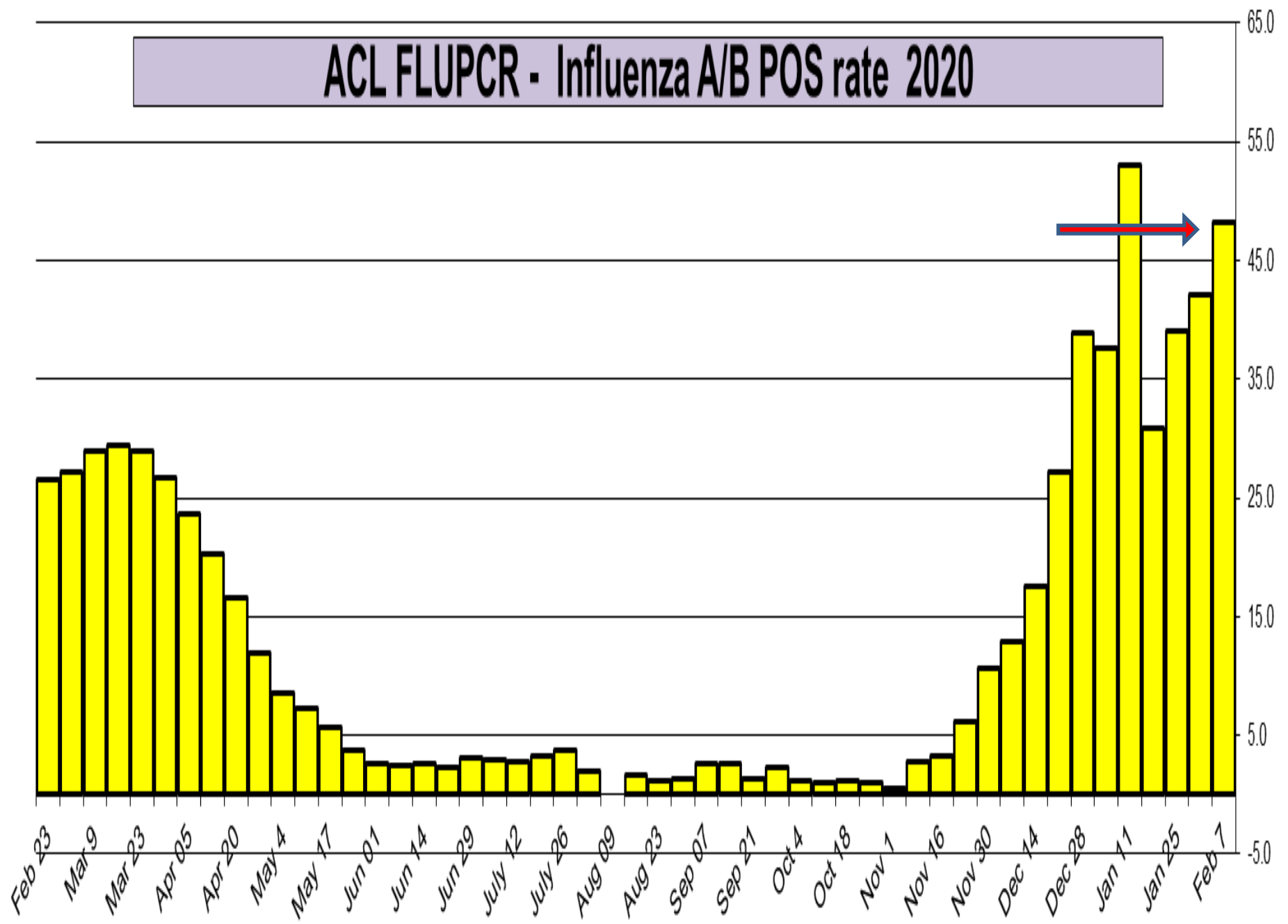
# Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2019-2020 Season



# ACL RESP. PANEL - Influenza POS rate 2020



# ACL FLUPCR - Influenza A/B POS rate 2020



## Neuraminidase Inhibitors Resistance in samples collected – as of Feb 1, 2020

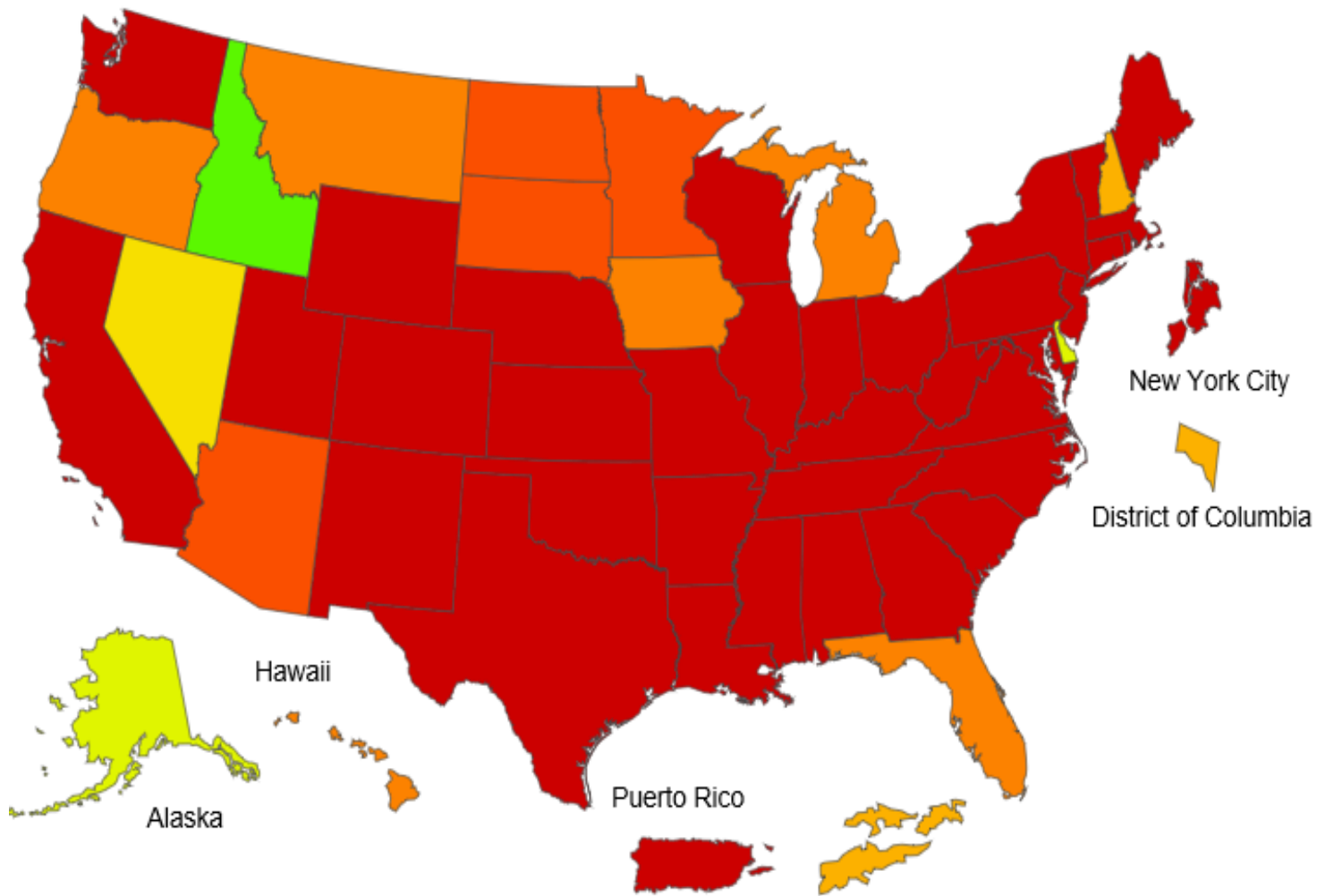
	Oseltamivir		Peramivir		Zanamivir	
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)
Inf A (H1N1) pdm09	<b>374</b>	<b>0.3</b>	<b>374</b>	<b>0.3</b>	<b>374</b>	<b>0</b>
Inf A (H3N2)	<b>287</b>	<b>0</b>	<b>287</b>	<b>0</b>	<b>287</b>	<b>0</b>
Inf B	<b>531</b>	<b>0</b>	<b>531</b>	<b>0</b>	<b>531</b>	<b>0.2</b>

## PA Endonuclease Inhibitor Resistance

	Baloxavir					
	Virus Samples tested (n)	Resistant Viruses, (%)				
Inf A (H1N1) pdm09	<b>395</b>	<b>0</b>				
Inf A (H3N2)	<b>294</b>	<b>0</b>				
Inf B	<b>557</b>	<b>0</b>				

2019-20 Influenza Season Week 5 ending Feb 01, 2020

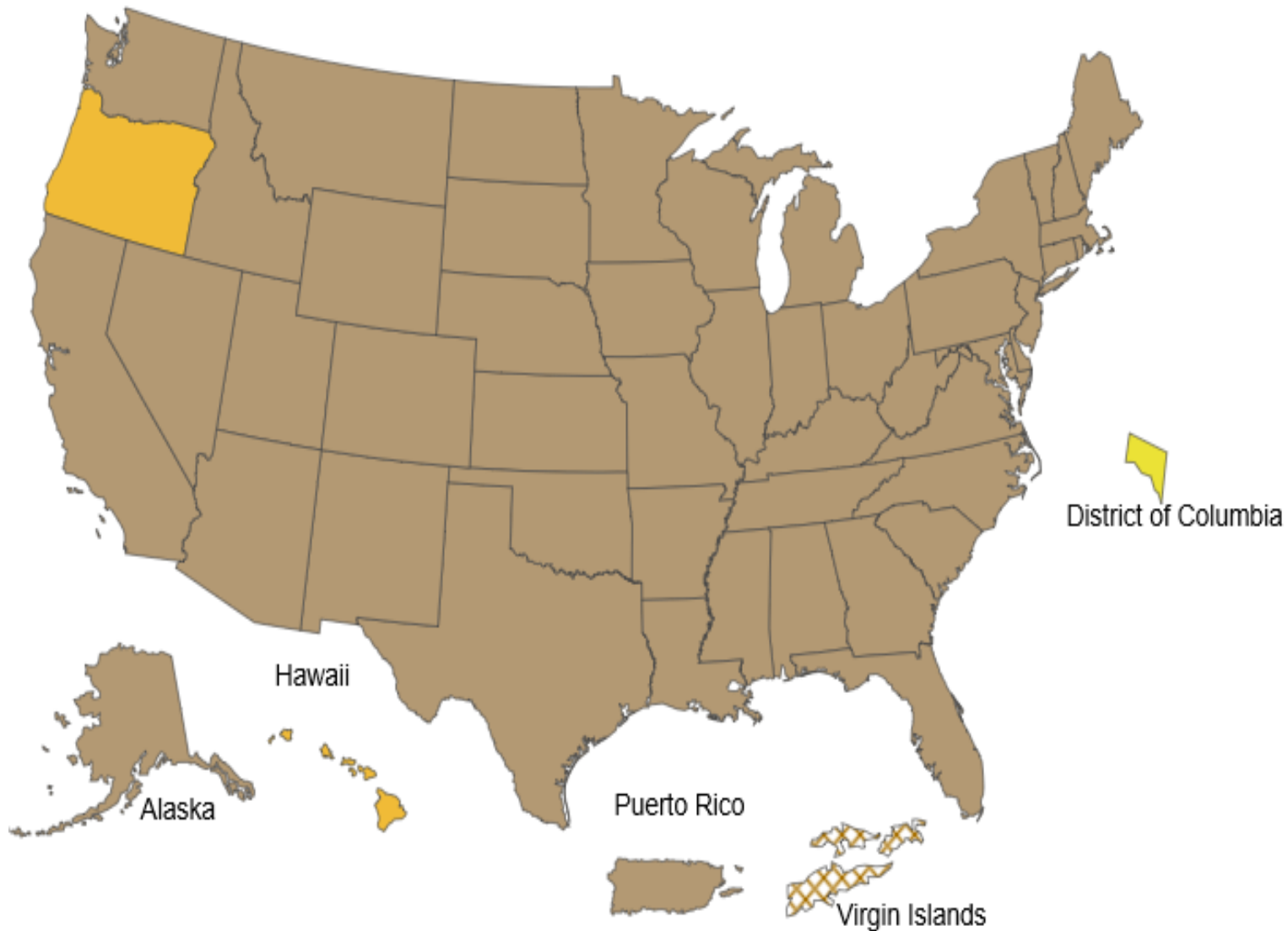
ILI Activity Level



Week Ending Feb 01, 2020 - Week 5

Influenza Activity

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



# ACL RESP. PANEL - POS Rate Selected viruses

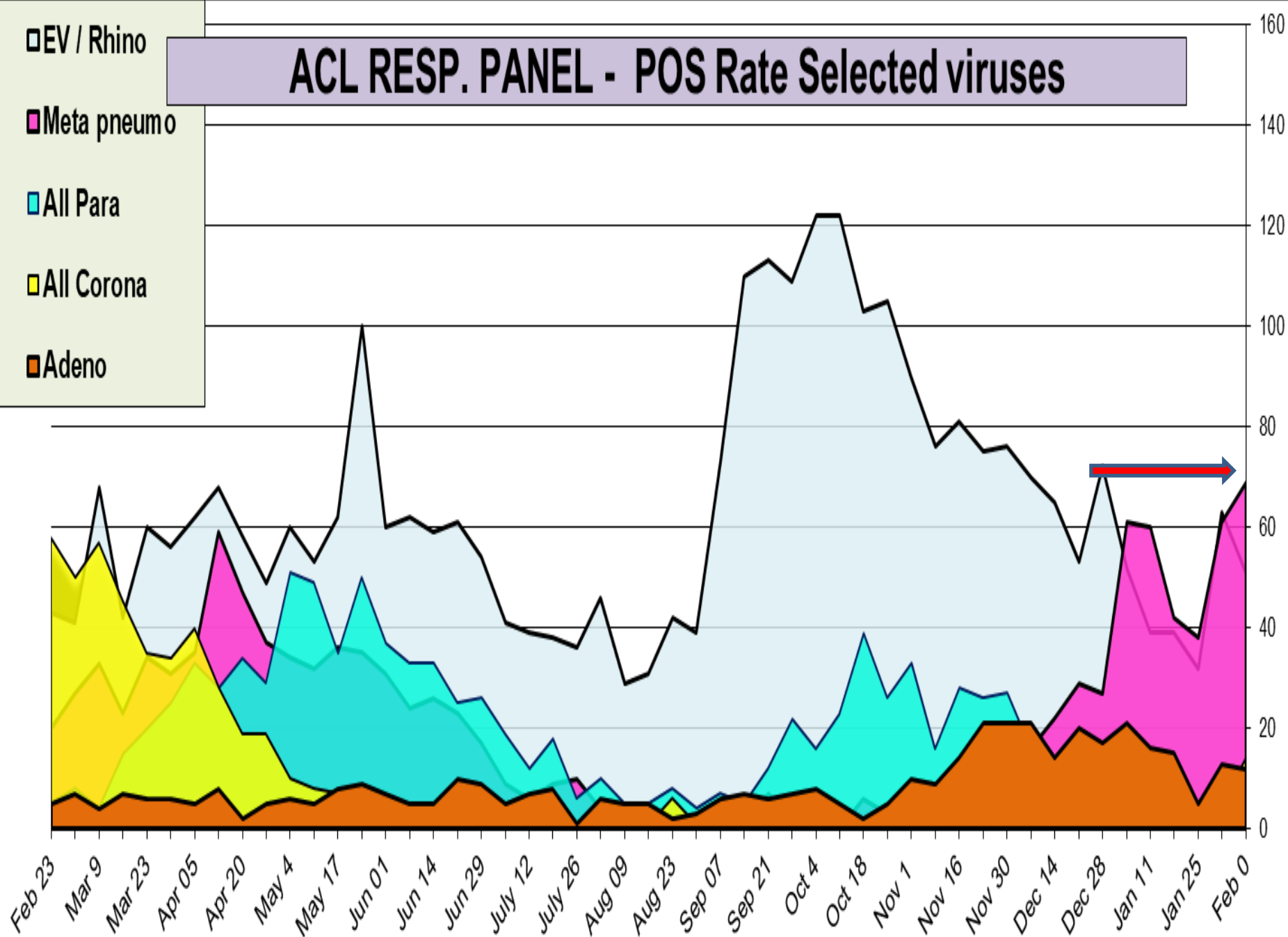
□ EV / Rhino

■ Meta pneumo

■ All Para

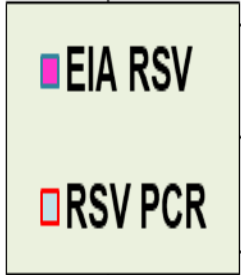
■ All Corona

■ Adeno

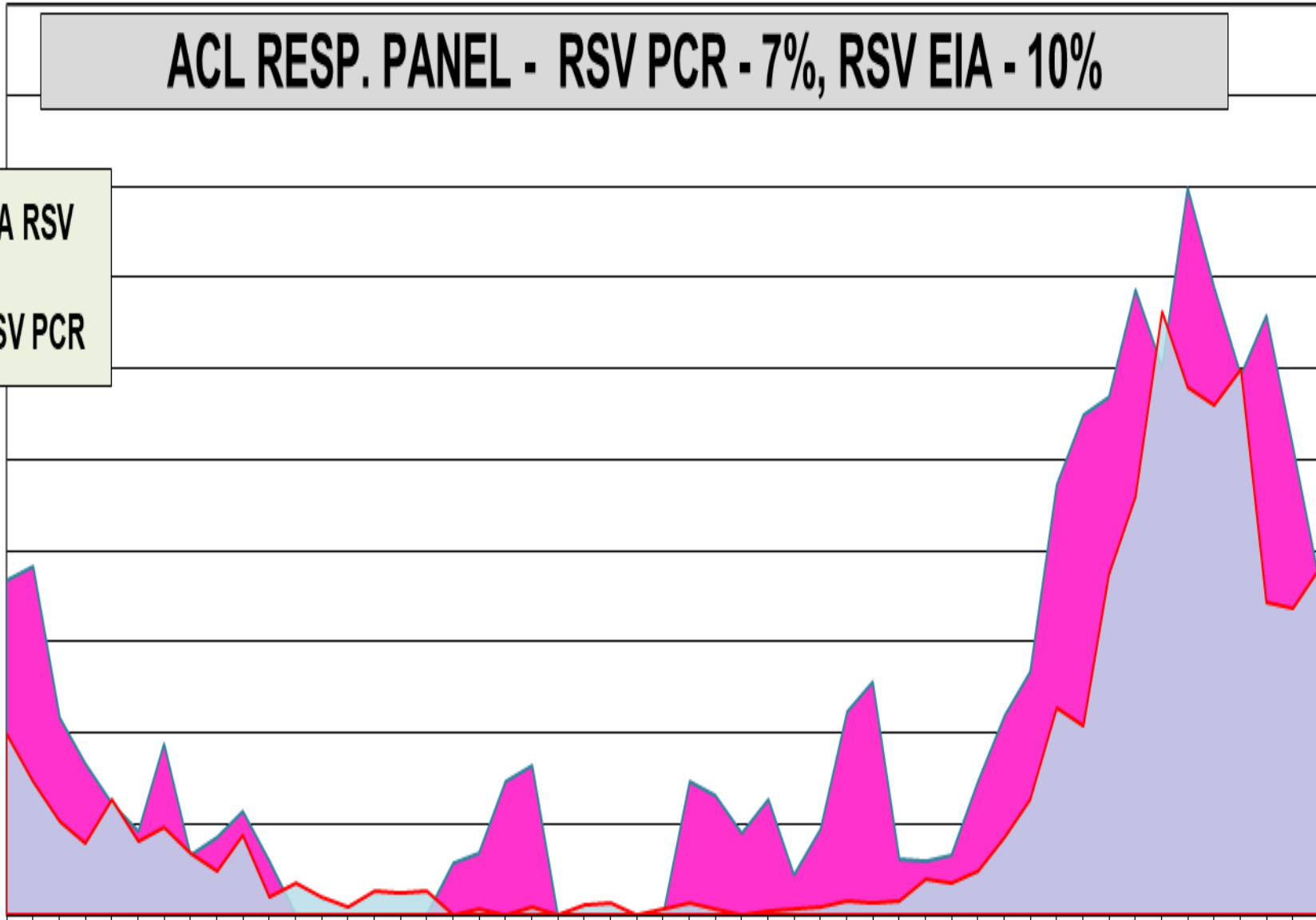


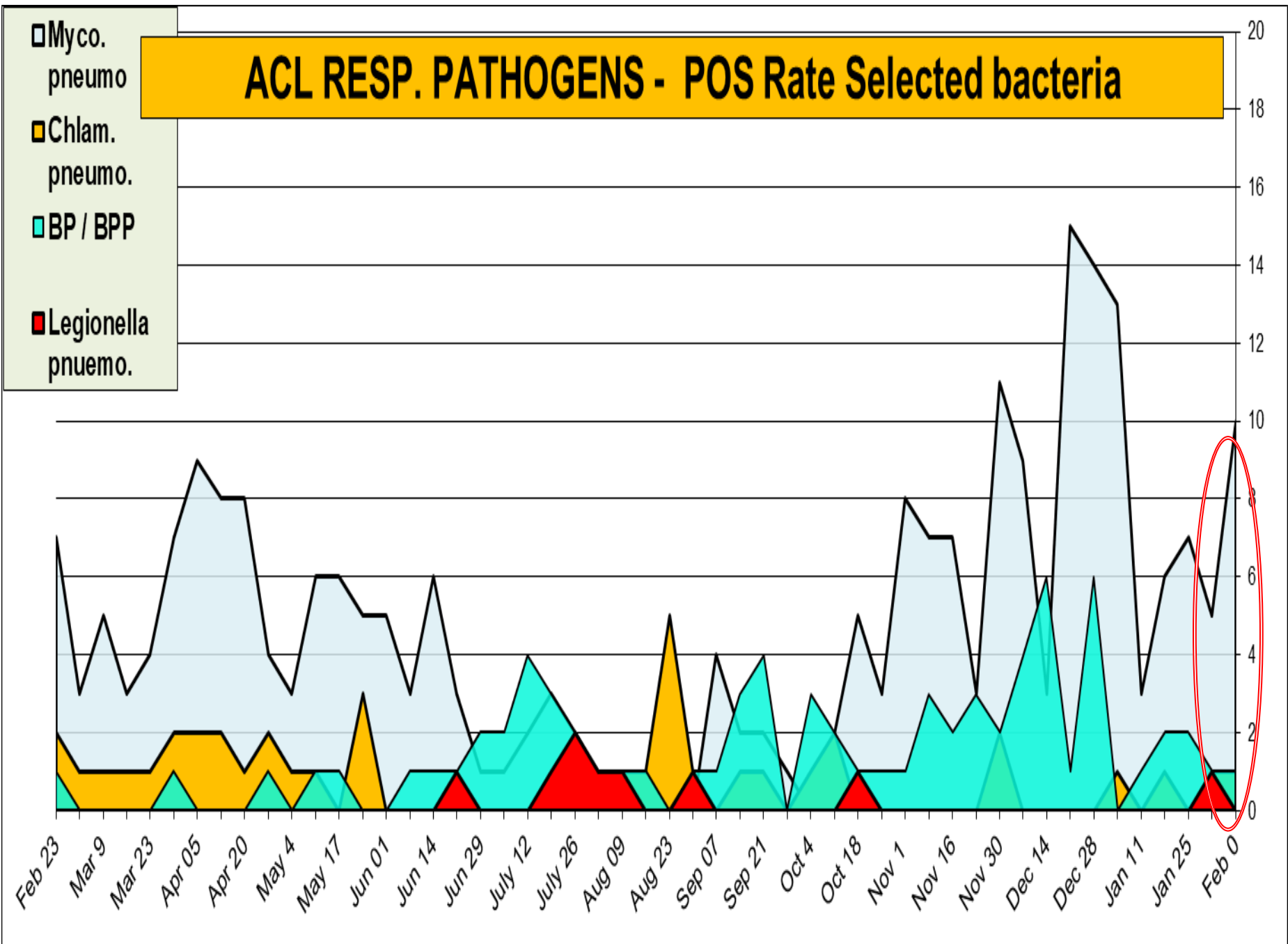


# ACL RESP. PANEL - RSV PCR - 7%, RSV EIA - 10%



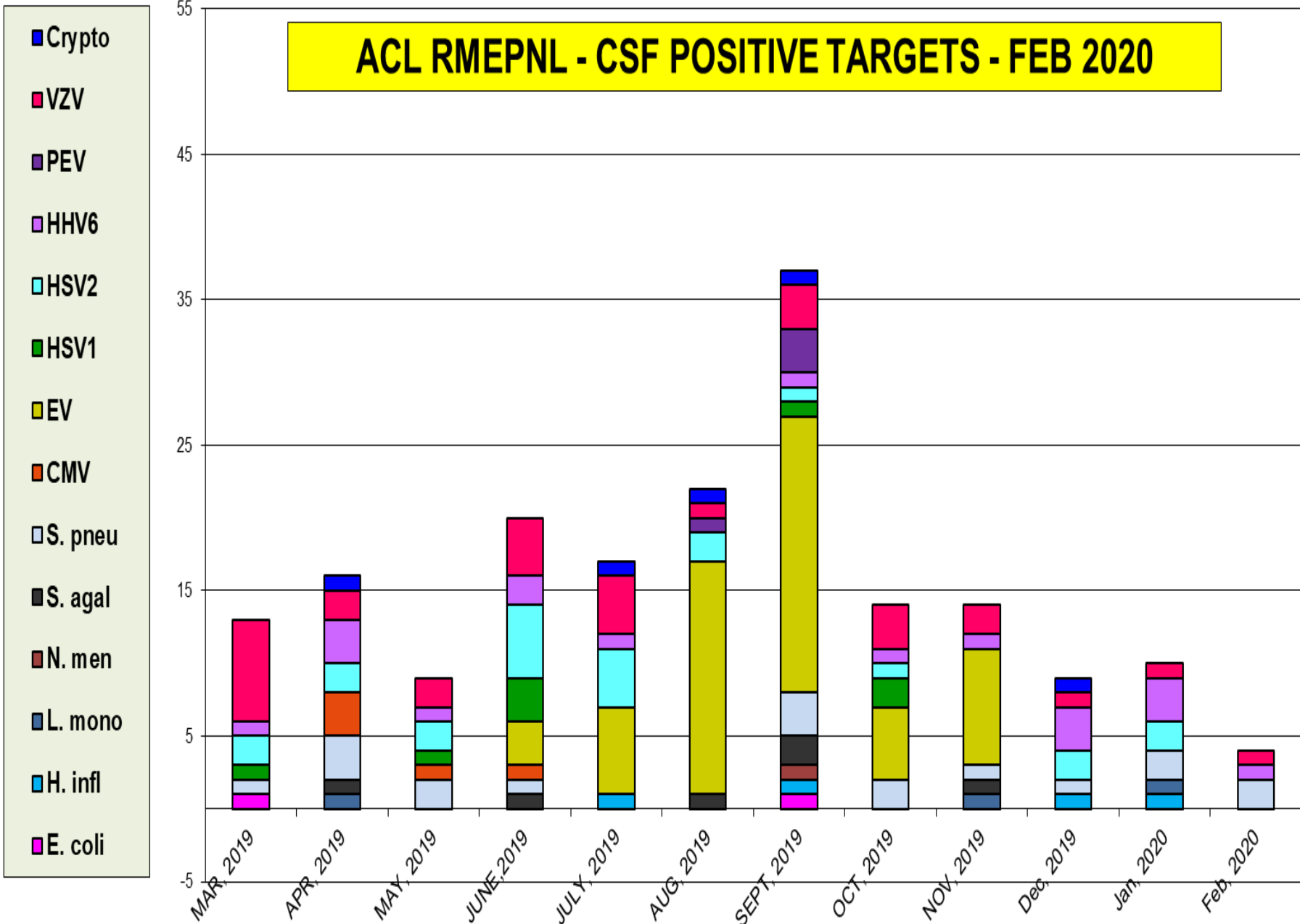
Feb 23 Mar 9 Mar 23 Apr 05 Apr 20 May 4 May 17 Jun 01 Jun 14 Jun 29 July 12 July 26 Aug 09 Aug 23 Sep 07 Sep 21 Oct 4 Oct 18 Nov 1 Nov 16 Nov 30 Dec 14 Dec 28 Jan 11 Jan 25 Feb 0



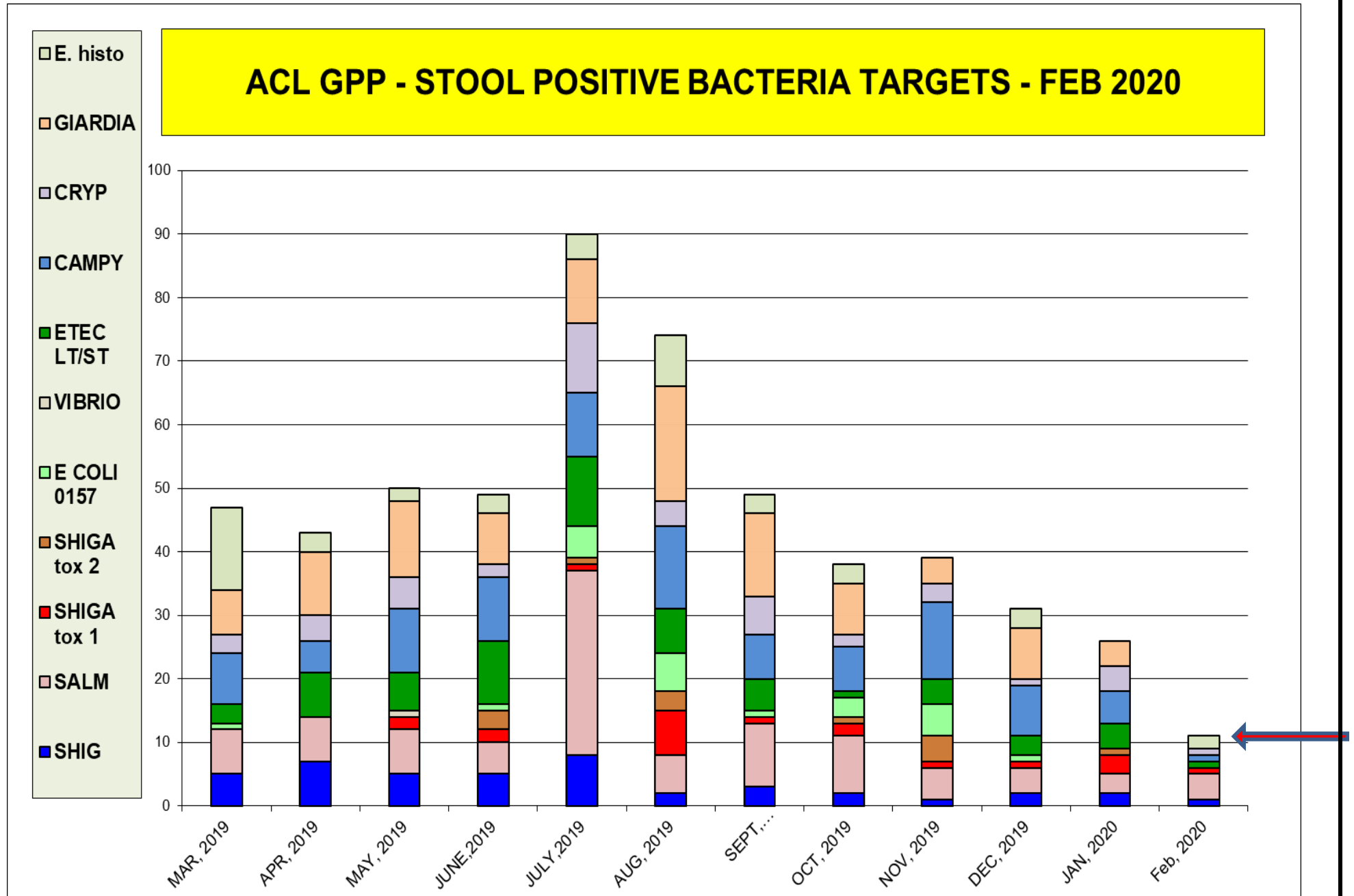


The most prevalent target is HSV2 (all CSF viruses pos rate is 4.5 %)

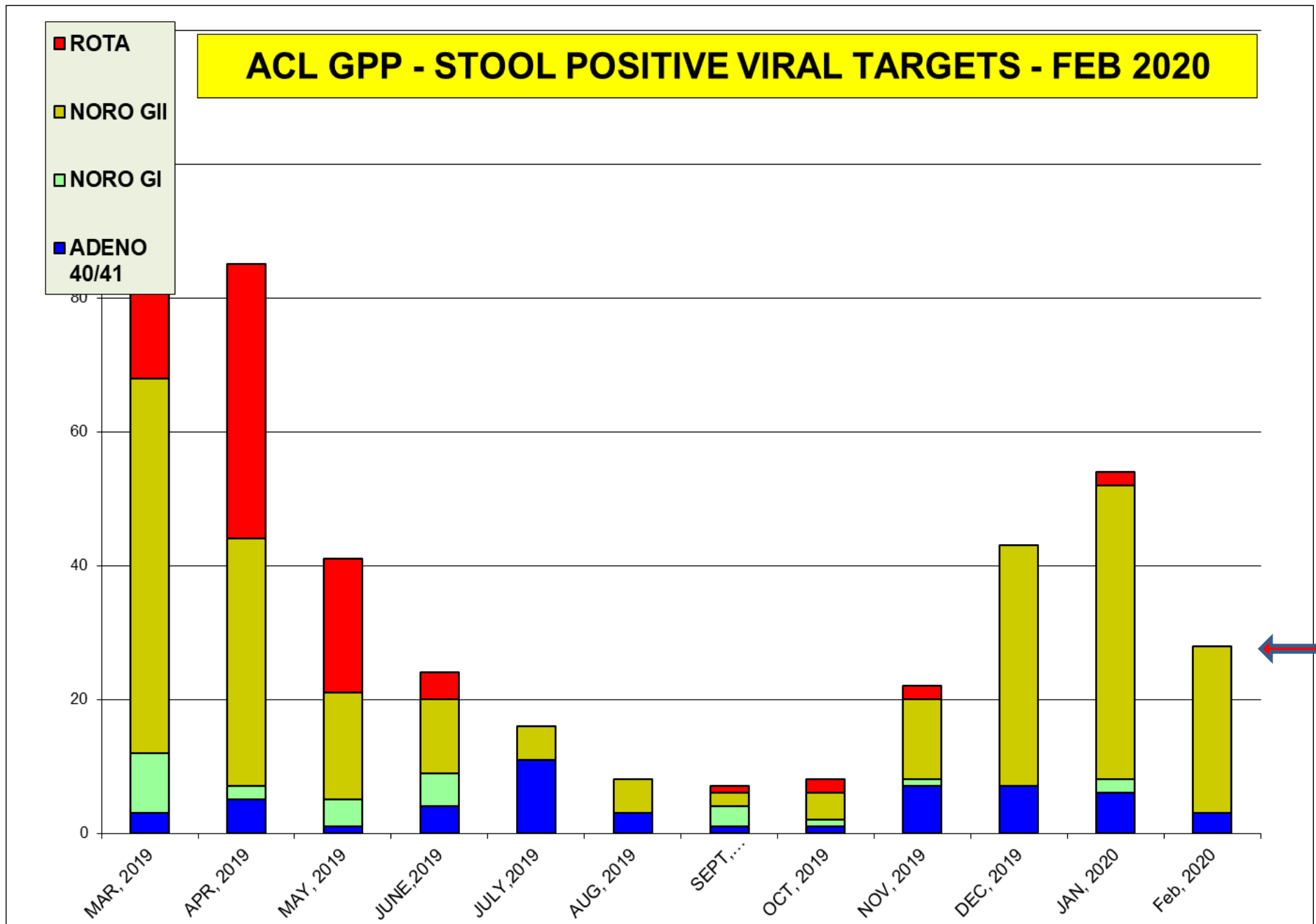
# ACL RMEPNL - CSF POSITIVE TARGETS - FEB 2020



The most prevalent bacterial target is Salmonella



The most prevalent virus target is **Norovirus** 20%



BV	C.ALB	C.GLB	C.KUR	T.VAG	M.GEN	M.HOM	U.PAV	Tot. Test
4,577	4,577	4,577	4,577	4,577	4,577	4,577	4,577	<b>4577</b>
<b>23.0</b>	<b>18.1</b>	<b>2.3</b>	<b>0.4</b>	<b>3.4</b>	<b>1.7</b>	<b>10.1</b>	<b>27.6</b>	<b>86.6</b>

