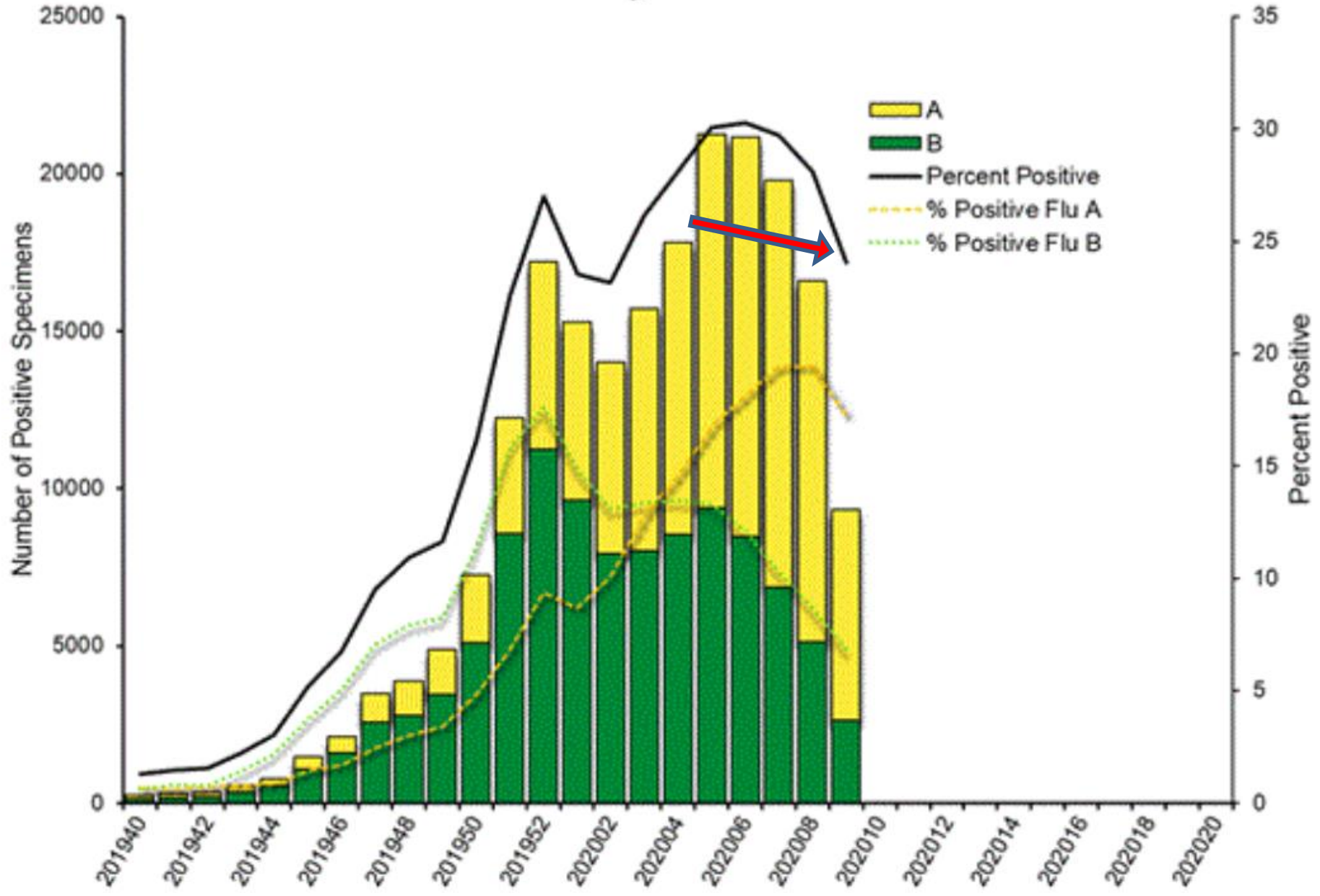


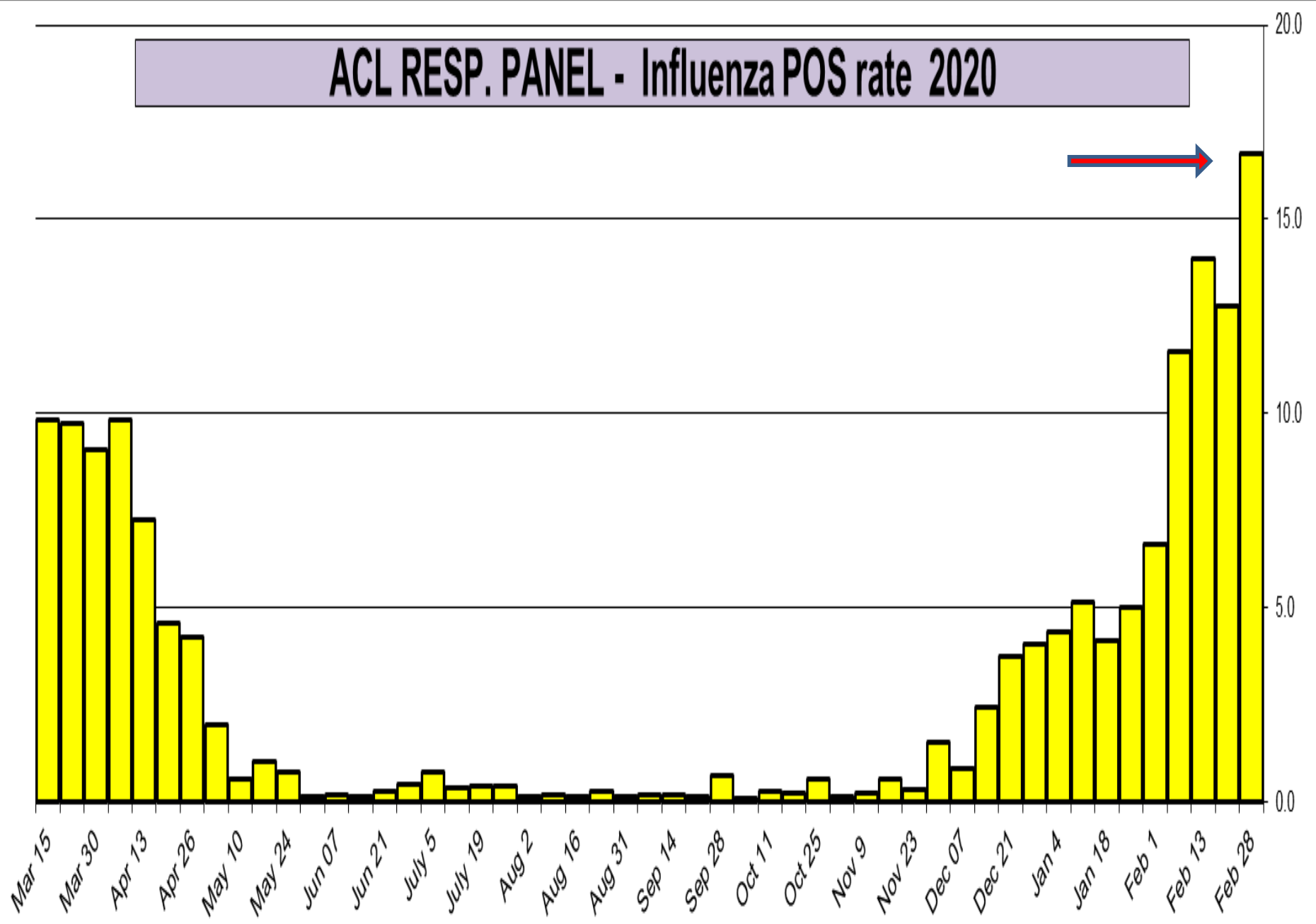
## Respiratory Pathogens - 02 28 2020

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 28	0	1	81	19	38	4	56	39	10	21	2	2	0	0	2	275	127	760	16.7	24.3	29.3	39.3
Feb 21	0	4	78	22	59	4	70	59	12	28	10	0	1	0	2	349	114	893	12.8	28.0	35.6	45.2
Feb 13	0	3	90	32	68	5	63	55	5	27	12	1	1	0	0	362	111	795	14.0	29.7	37.9	43.9
Feb 7	0	3	76	32	73	5	51	69	12	14	10	2	1	0	1	349	111	958	11.6	30.1	36.8	48.2
Feb 1	0	1	55	24	81	12	63	61	13	5	5	1	1	1	1	324	80	1205	6.6	28.1	33.4	42.1
Jan 25	0	3	33	24	82	5	32	38	5	4	7	2	0	0	2	237	60	1197	5.0	26.2	29.9	39.1
Jan 18	0	3	17	14	98	9	39	42	15	6	6	3	1	0	2	255	34	819	4.2	23.2	26.9	30.8
Jan 11	0	4	26	22	113	13	39	60	16	2	3	5	0	0	1	304	52	1010	5.1	23.8	25.9	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	22.3	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

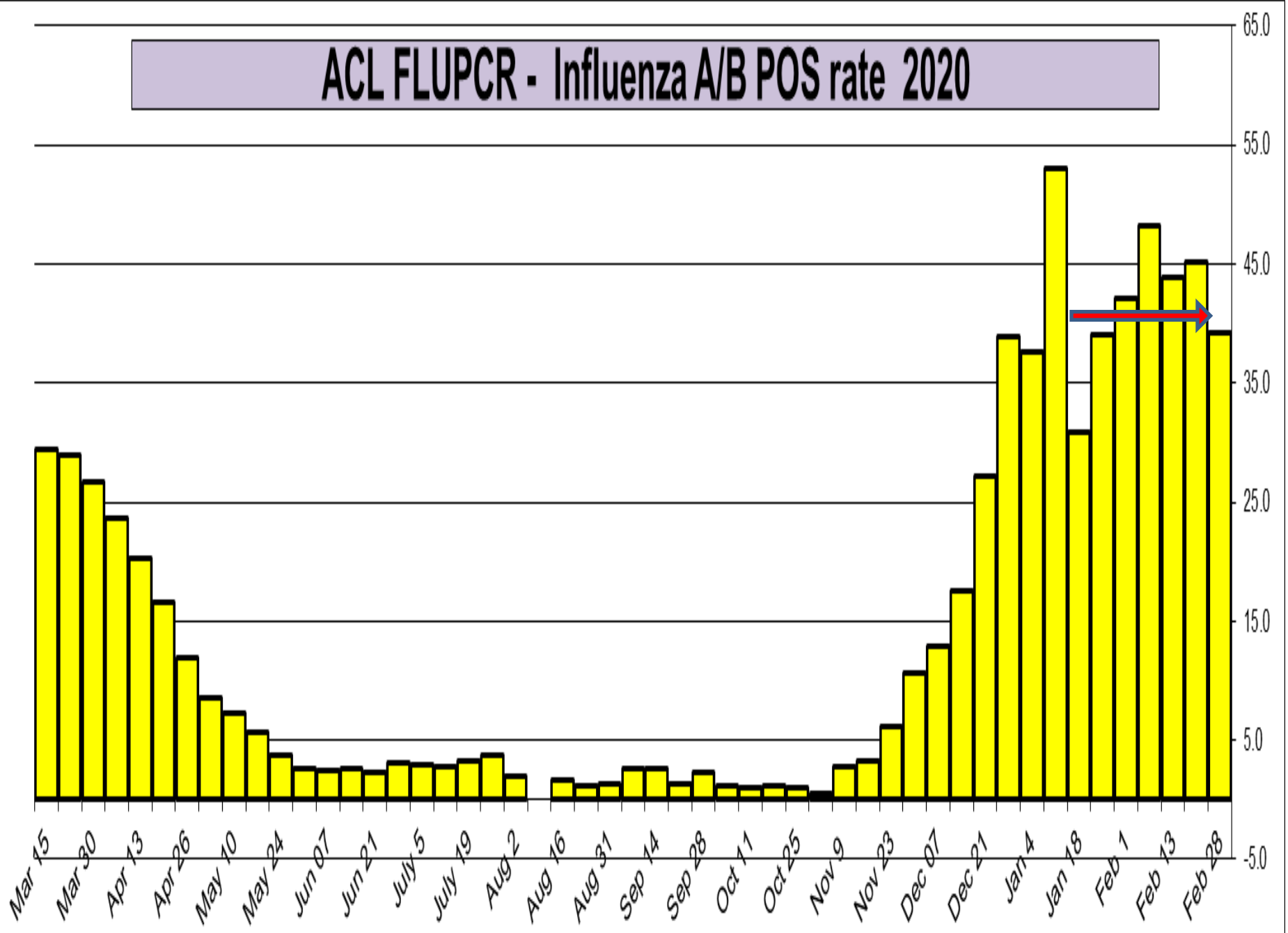
# Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2019-2020 Season



# ACL RESP. PANEL - Influenza POS rate 2020



# ACL FLUPCR - Influenza A/B POS rate 2020



## Neuraminidase Inhibitors Resistance in samples collected – as of Feb 28, 2020

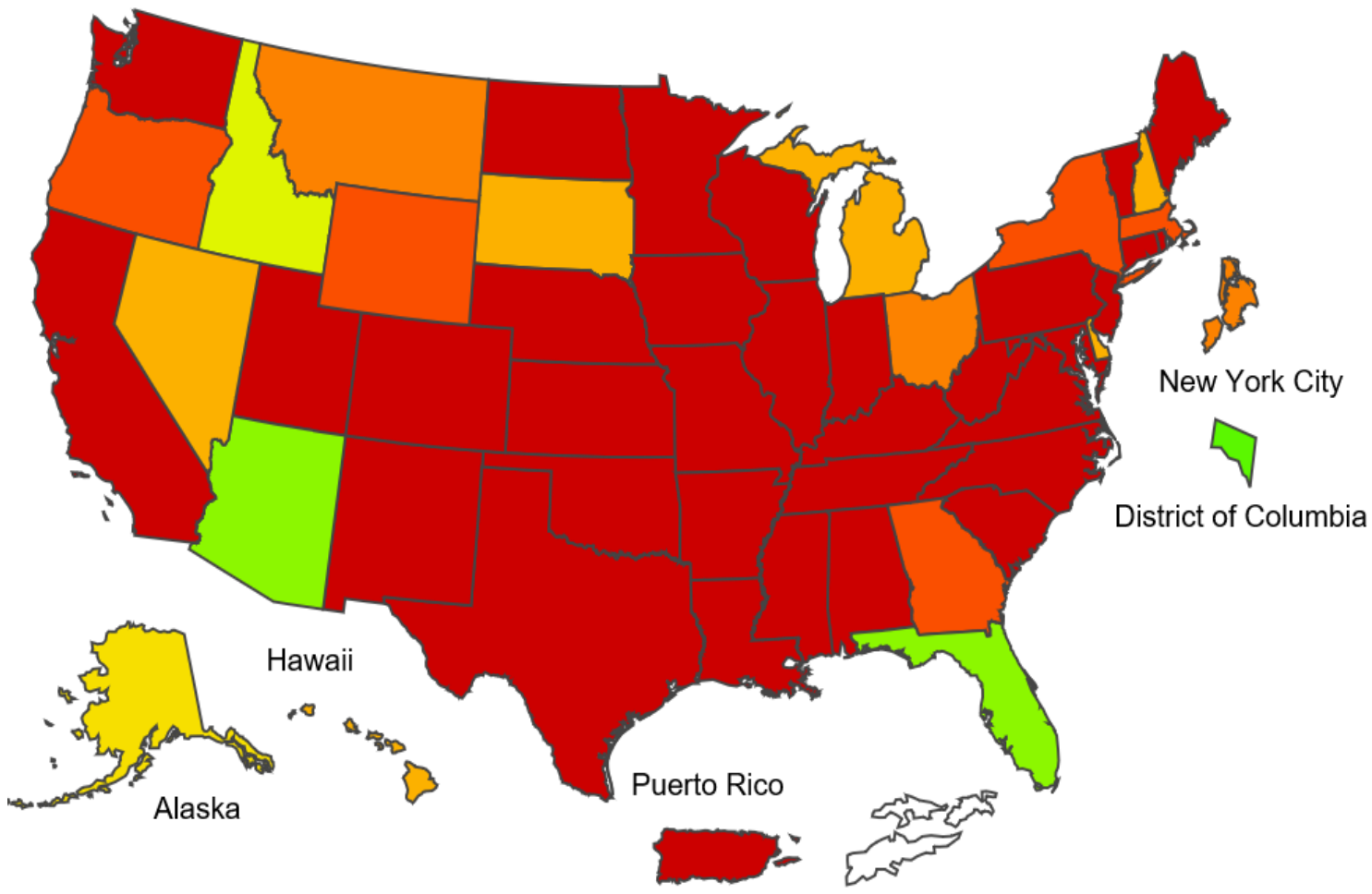
	Oseltamivir		Peramivir		Zanamivir	
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)
Inf A (H1N1) pdm09	<b>643</b>	<b>0.3</b>	<b>643</b>	<b>0.3</b>	<b>643</b>	<b>0</b>
Inf A (H3N2)	<b>418</b>	<b>0</b>	<b>418</b>	<b>0</b>	<b>418</b>	<b>0</b>
Inf B	<b>828</b>	<b>0</b>	<b>828</b>	<b>0</b>	<b>828</b>	<b>0.2</b>

## PA Endonuclease Inhibitor Resistance

	Baloxavir					
	Virus Samples tested (n)	Resistant Viruses, (%)				
Inf A (H1N1) pdm09	<b>663</b>	<b>0</b>				
Inf A (H3N2)	<b>502</b>	<b>0</b>				
Inf B	<b>874</b>	<b>0</b>				

2019-20 Influenza Season Week 9 ending Feb 29, 2020

ILI Activity Level



Week Ending Feb 29, 2020 - Week 9

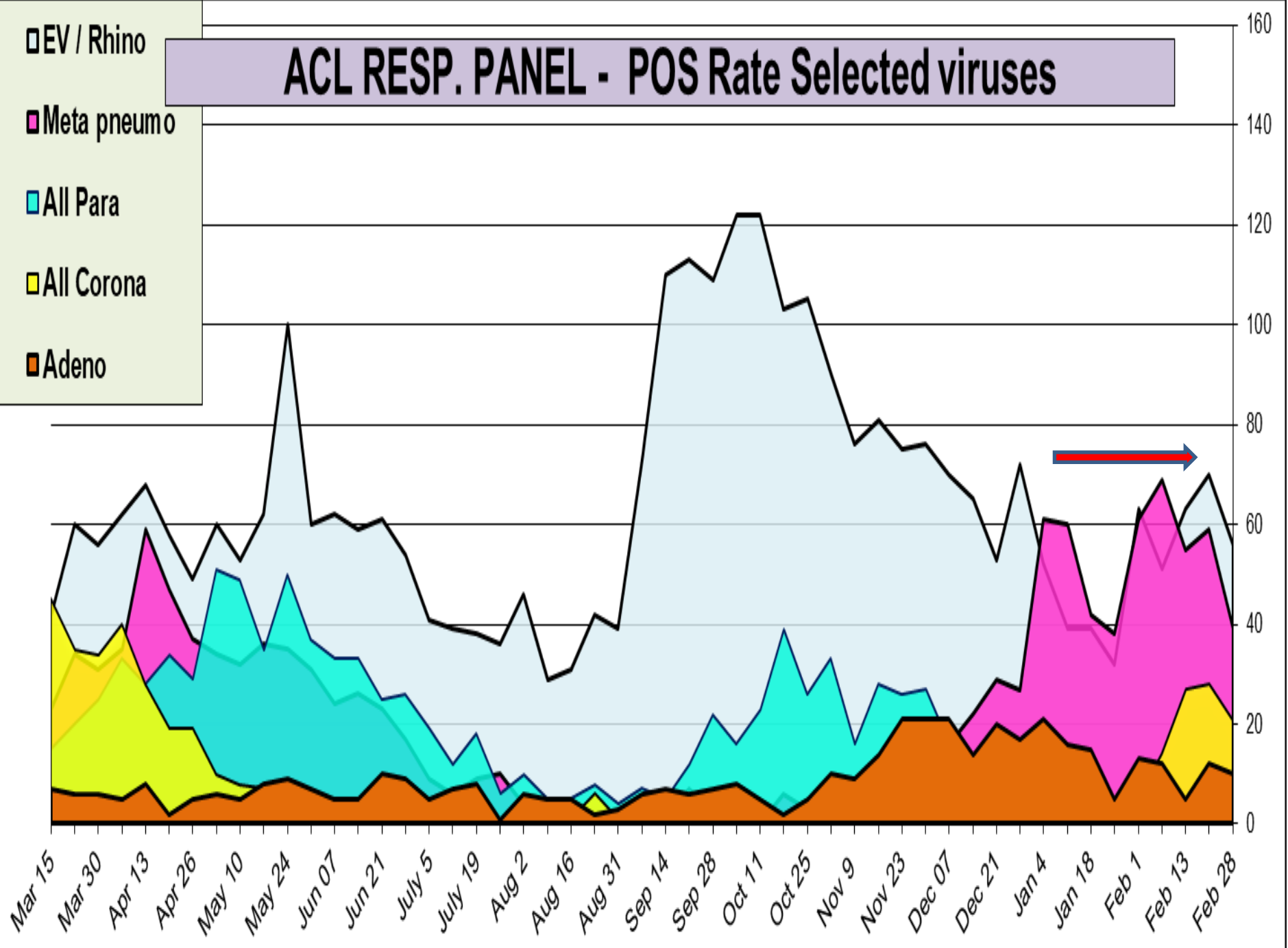
Influenza Activity

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



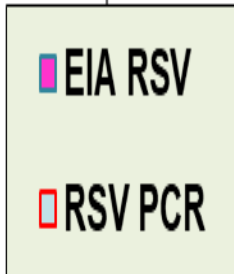
# ACL RESP. PANEL - POS Rate Selected viruses

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

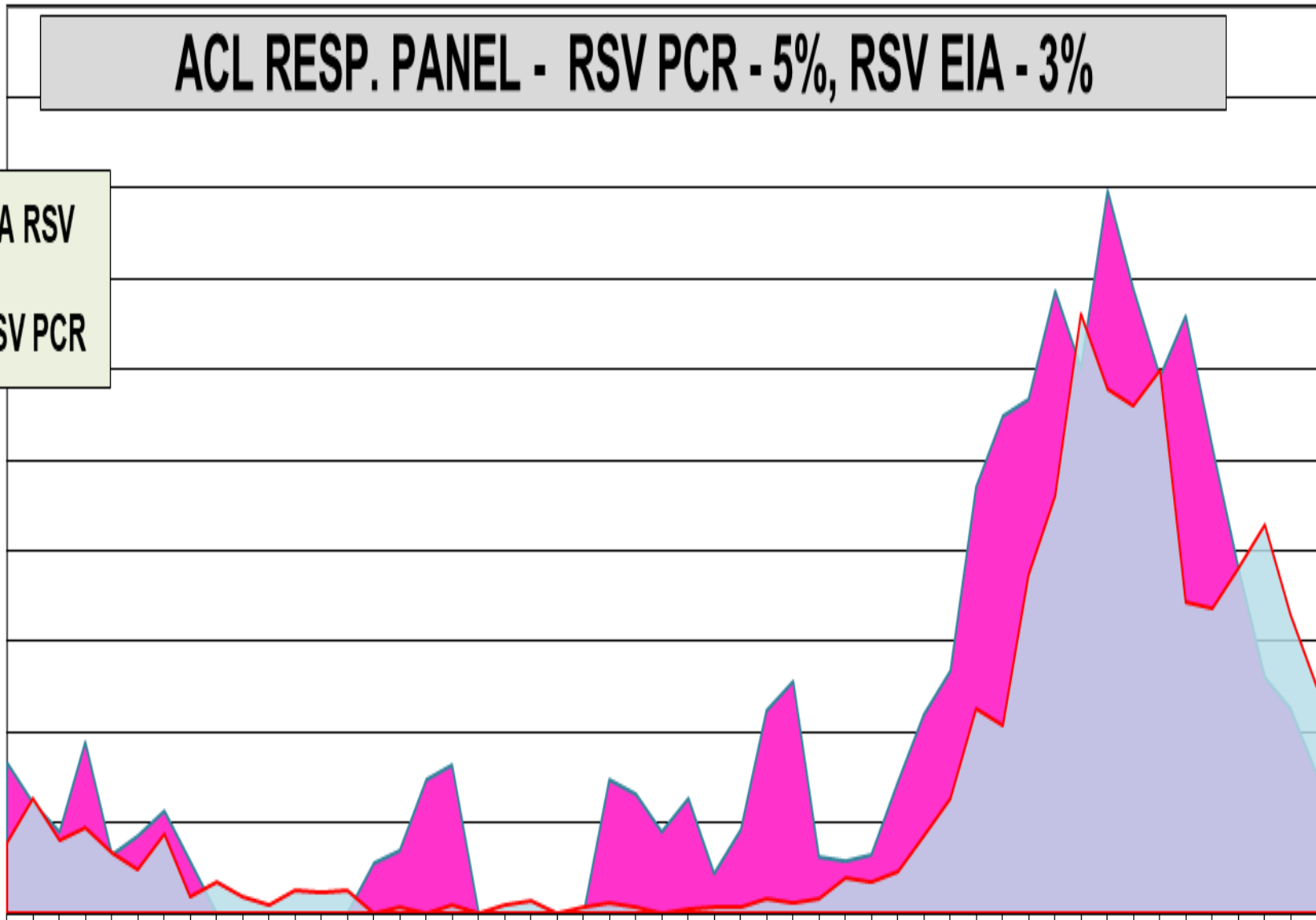




# ACL RESP. PANEL - RSV PCR - 5%, RSV EIA - 3%

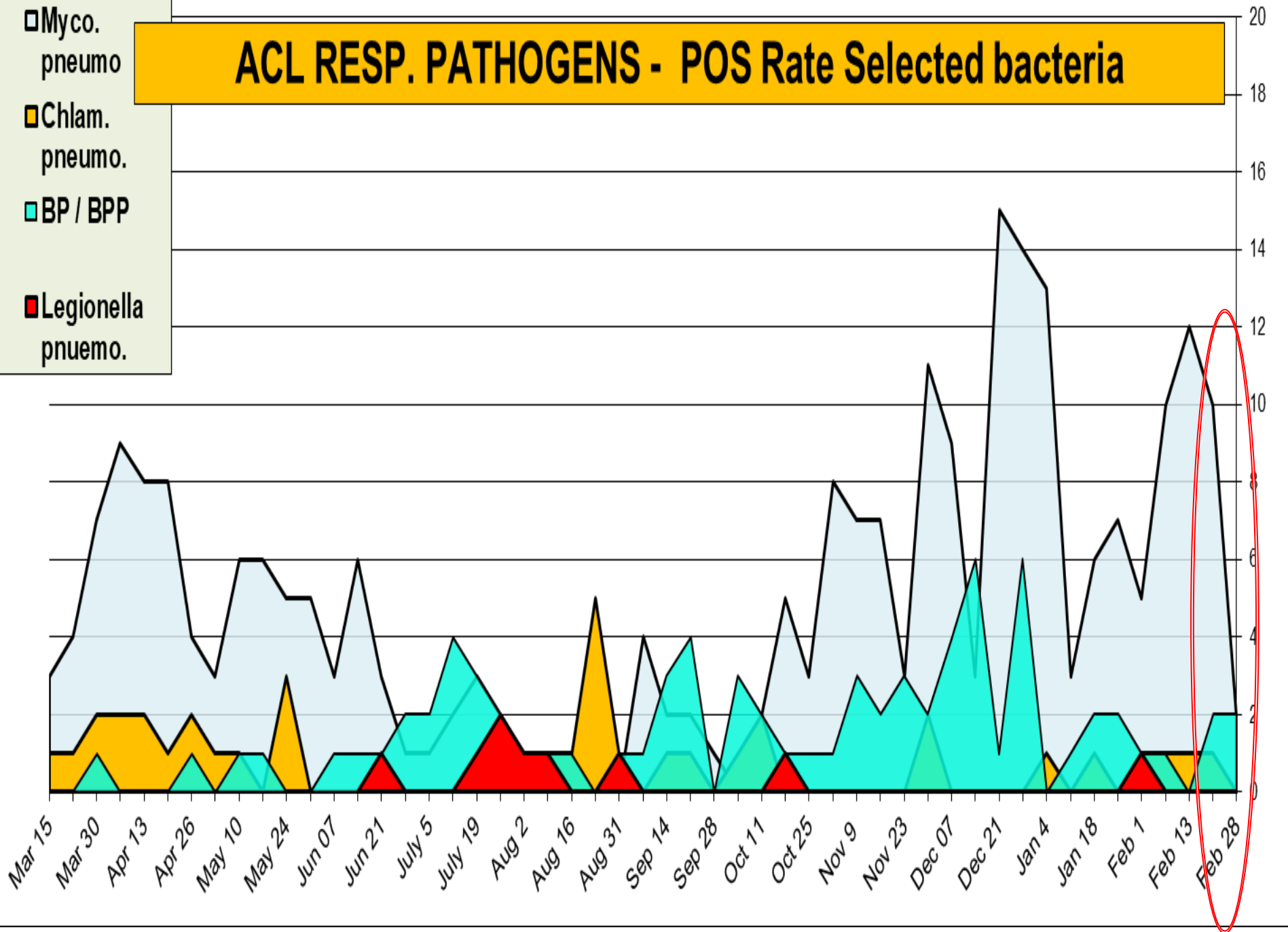


Mar 15 Mar 30 Apr 13 Apr 26 May 10 May 24 Jun 07 Jun 21 July 5 July 19 Aug 2 Aug 16 Aug 31 Sep 14 Sep 28 Oct 11 Oct 25 Nov 9 Nov 23 Dec 07 Dec 21 Jan 4 Jan 18 Feb 1 Feb 13 Feb 28



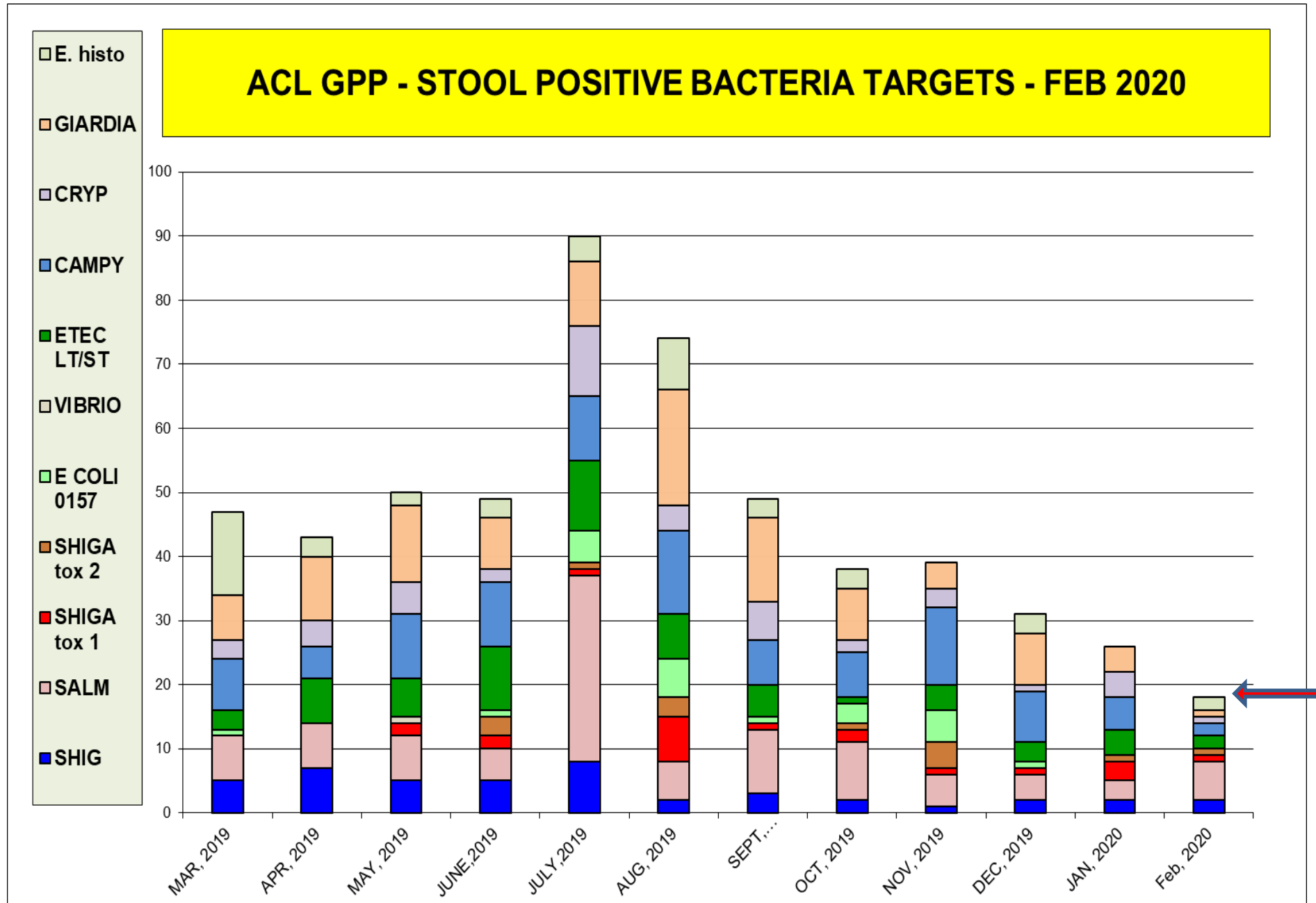
# ACL RESP. PATHOGENS - POS Rate Selected bacteria

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

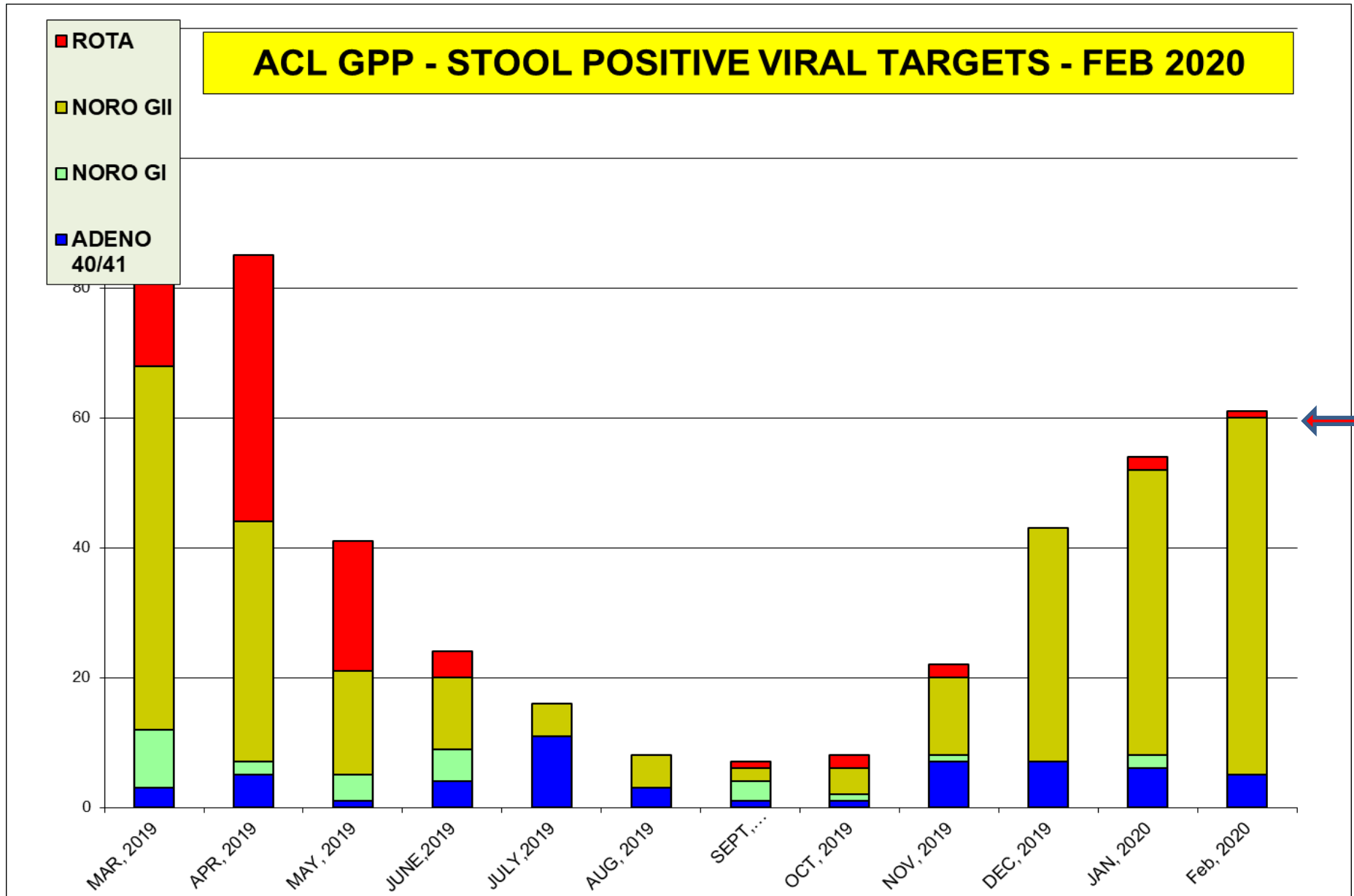




The most prevalent bacterial target is Salmonella



The most prevalent virus target is **Norovirus** 15%



BV	C.ALB	C.GLB	C.KUR	T.VAG	M.GEN	M.HOM	U.PAV	Tot. Test
4,890	4,890	4,890	4,890	4,890	4,890	4,890	4,890	<b>4890</b>
<b>23.0</b>	<b>18.1</b>	<b>2.2</b>	<b>0.4</b>	<b>3.3</b>	<b>1.8</b>	<b>9.9</b>	<b>27.1</b>	<b>85.7</b>

