

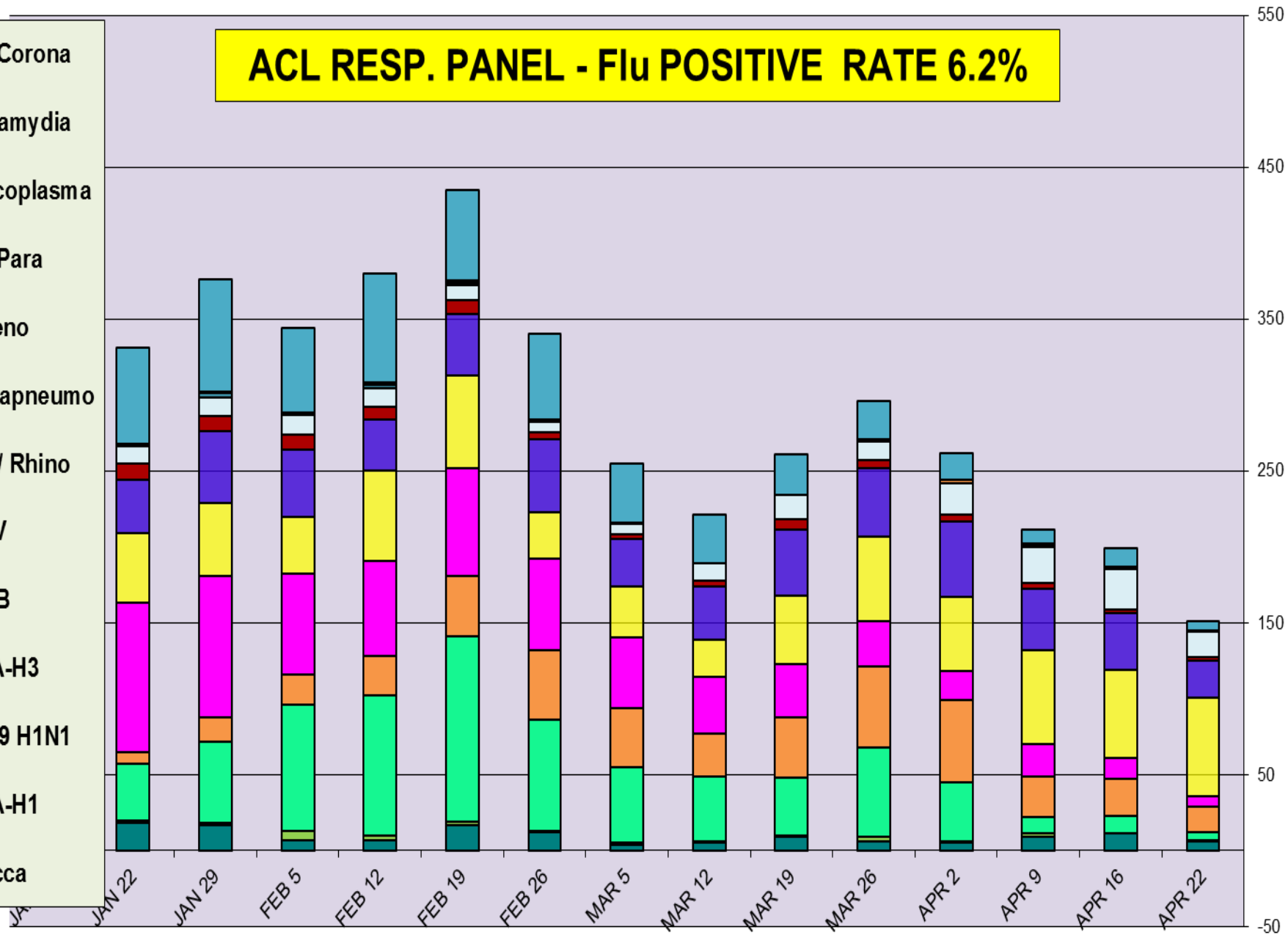
Respiratory Pathogens Data Jan 08- Apr 28 2017

Week Beginning	InfA-H1	InfA-H3	2009 H1N1	Inf B	RSV	All Para	EV / Rhino	Metapne umo	Adeno	All Corona	Bocca	Mycoplasma	Chlamydia	Total Pos	POS PCR	Total	ACL %FLU	US %FLU	IL/WI %FLU	EIA %FLU	
APR 22	0	5	1	17	7	17	65	24	2	6	0	1	151	23	378	6.2	n/a	n/a	7.2		
APR 16	0	12	0	24	14	26	58	37	3	12	11	0	2	199	36	384	9.4	9.6	25.0	15.7	
APR 9	0	11	2	27	21	24	62	40	4	9	9	1	1	211	40	391	10.2	12.6	20.0	Flu P % Ra	
APR 2	0	39	1	54	19	21	49	50	4	18	5	0	2	262	94	457	20.6	15.2	23.8		
MAR 26	0	59	3	53	30	12	56	45	5	25	6	2	0	296	115	511	22.5	18.4	24.9		25.9
MAR 19	0	38	1	40	35	16	45	43	7	27	9	0	0	261	79	421	18.8	17.3	25.1		28.0
MAR 12	0	43	1	28	37	11	25	35	4	32	5	0	0	221	72	427	16.9	18.3	27.3	26.1	
MAR 5	0	50	1	39	46	7	34	31	3	39	4	1	0	255	90	497	18.1	18.6	28.9	26.7	
FEB 26	0	73	1	46	60	7	31	48	4	56	12	0	2	340	120	510	23.5	24.2	29.2	30.6	
FEB 19	0	122	2	40	71	10	61	40	9	60	17	2	1	435	164	584	28.1	24.0	26.3	30.9	
FEB 12	0	92	3	26	63	12	59	34	8	72	7	3	1	380	121	578	20.9	24.2	21.1	29.4	
FEB 5	0	83	6	20	66	13	38	44	10	56	7	1	0	344	109	515	21.2	20.9	17.0	22.5	
JAN 29	0	54	1	16	93	12	48	47	10	74	17	3	1	376	71	433	16.4	18.0	14.1	18.0	
JAN 22	0	37	2	8	98	11	46	35	11	63	18	2	0	331	47	450	10.4	18.4	11.8	17.0	
JAN 15	0	39	2	4	70	18	41	24	9	71	17	2	0	297	45	467	9.6	15.3	9.2	12.7	
JAN 8	0	28	0	2	74	25	38	19	14	46	9	2	1	258	30	545	5.5	13.9	7.2	10.8	

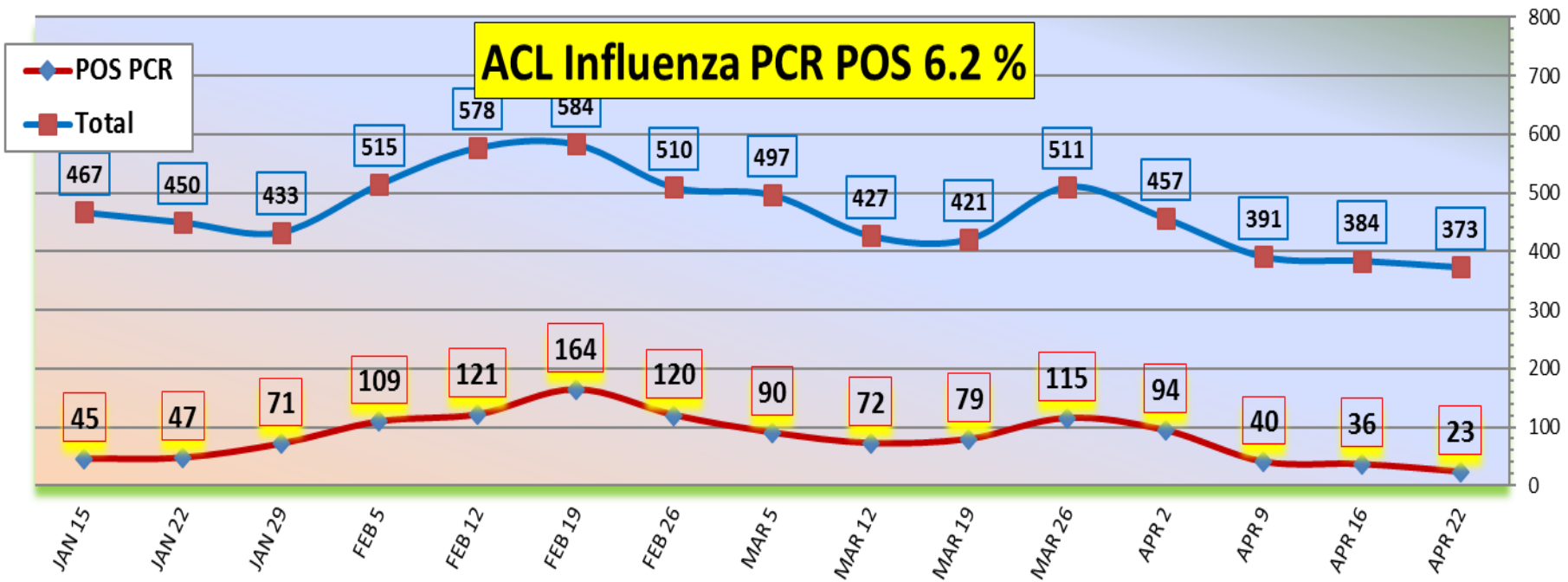
Flu PCR
% Rate

ACL RESP. PANEL - Flu POSITIVE RATE 6.2%

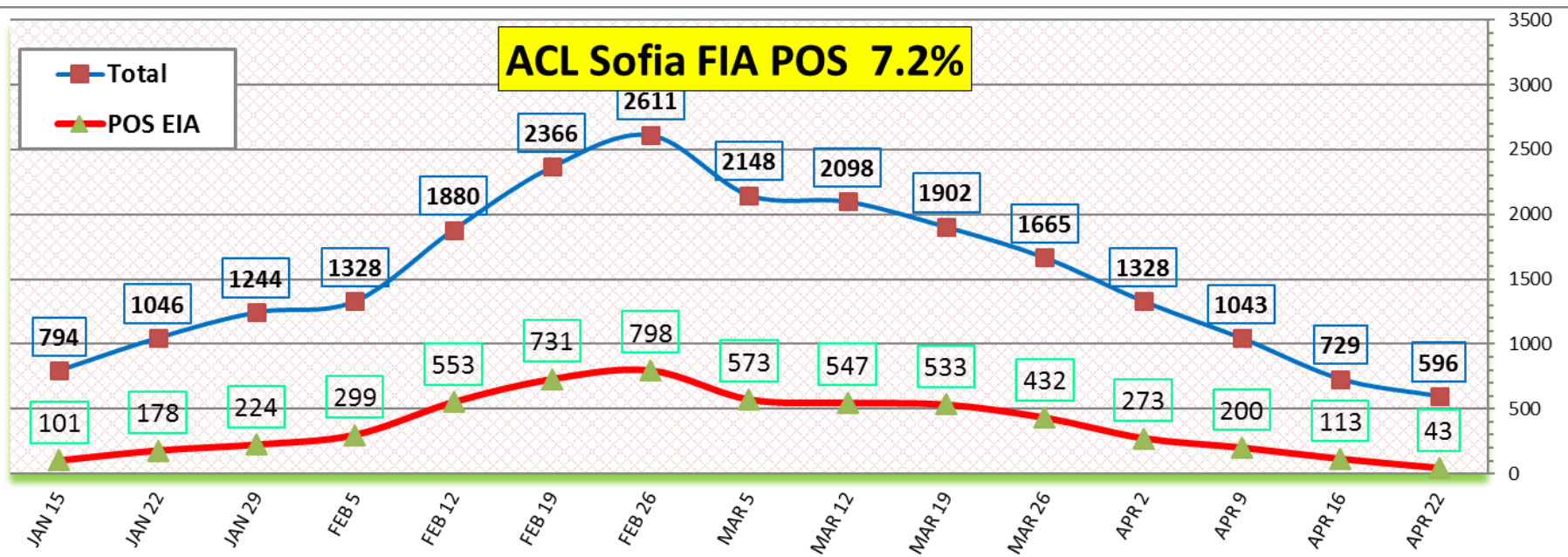
- All Corona
- Chlamydia
- Mycoplasma
- All Para
- Adeno
- Metapneumo
- EV / Rhino
- RSV
- Inf B
- InfA-H3
- 2009 H1N1
- InfA-H1
- Bocca

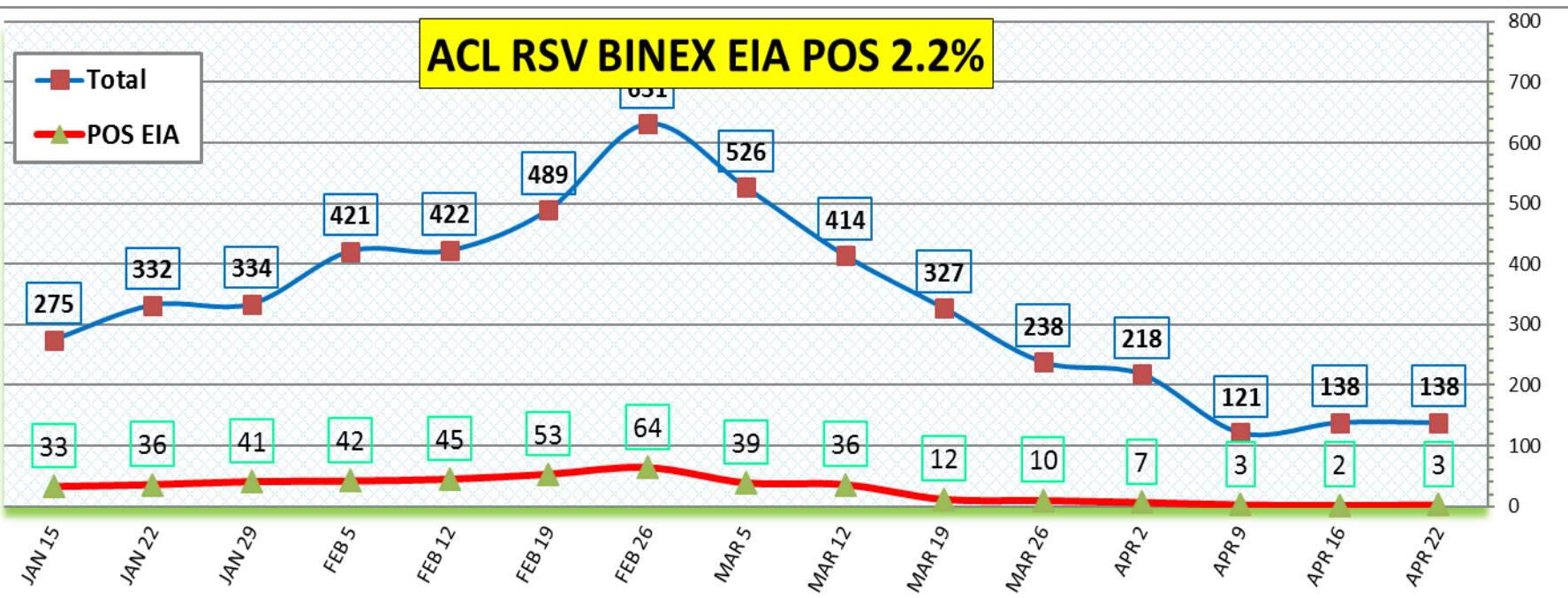
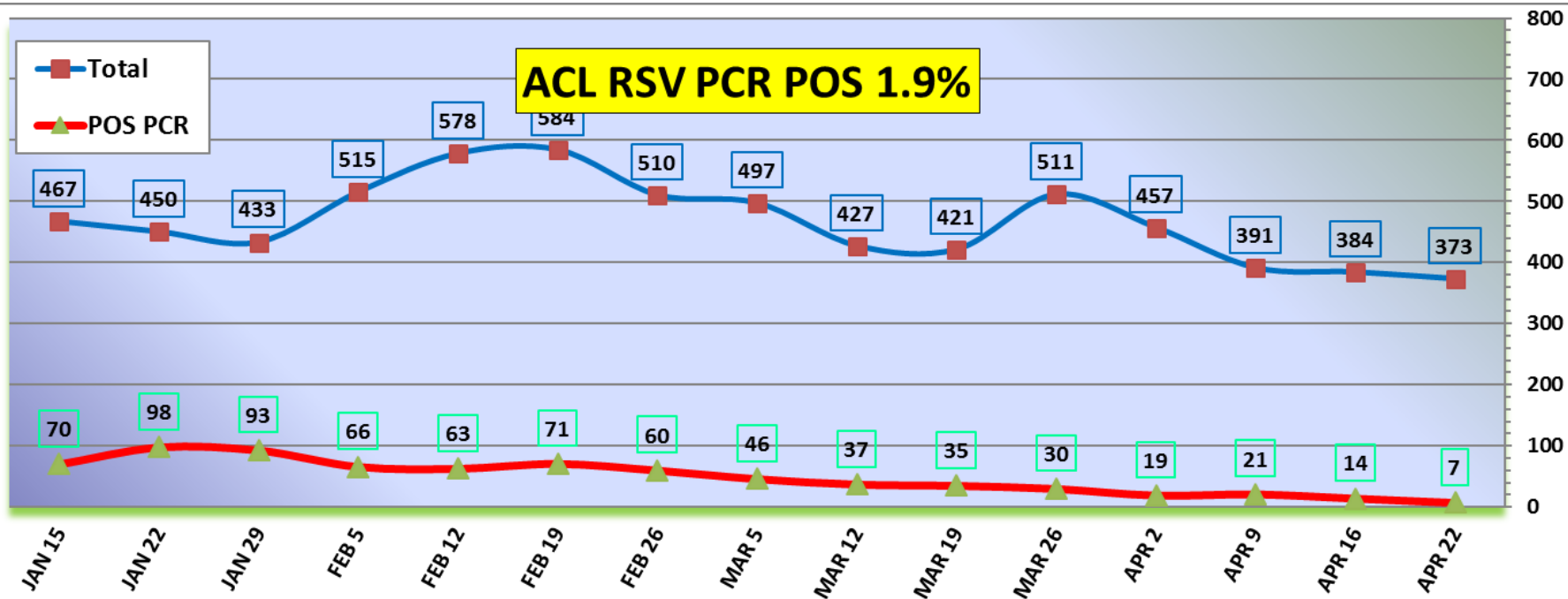


ACL Influenza PCR POS 6.2 %



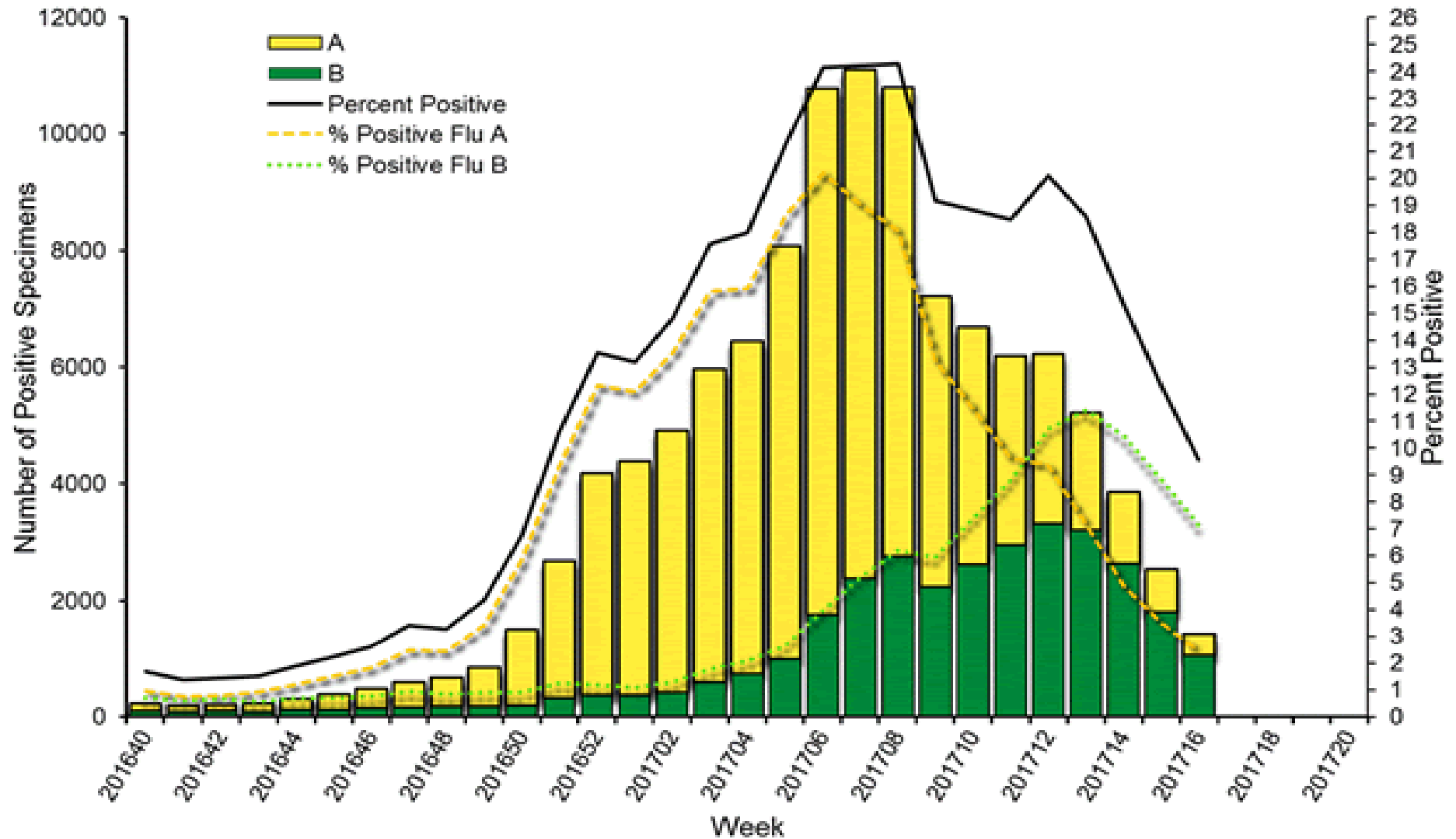
ACL Sofia FIA POS 7.2%





CDC Apr 22, 2017 Positivity rate 9.6% - Flu A – 29% (2009 H1N1 -1% , seasonal H3 -99%) Flu B – 71%

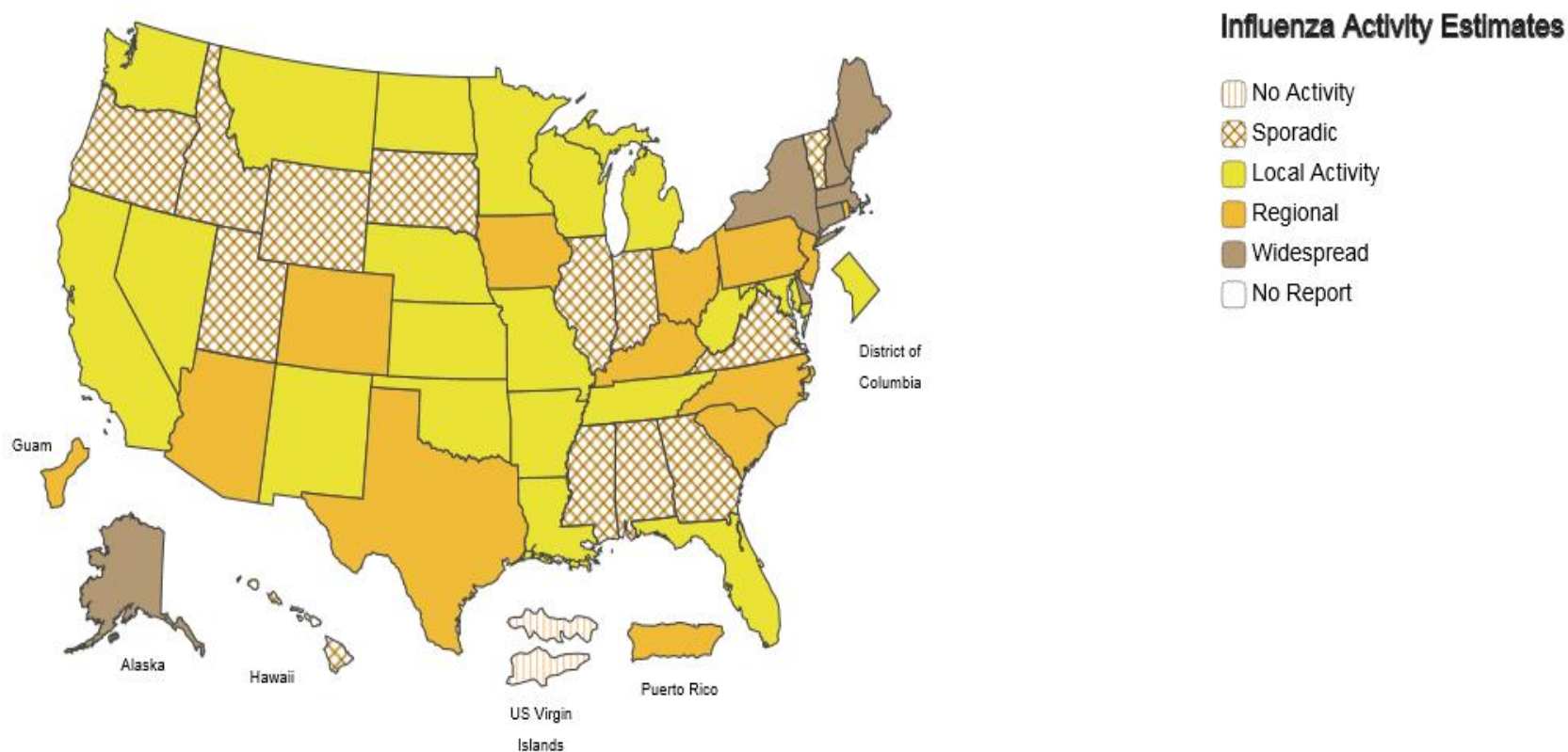
Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2016-2017 Season



A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

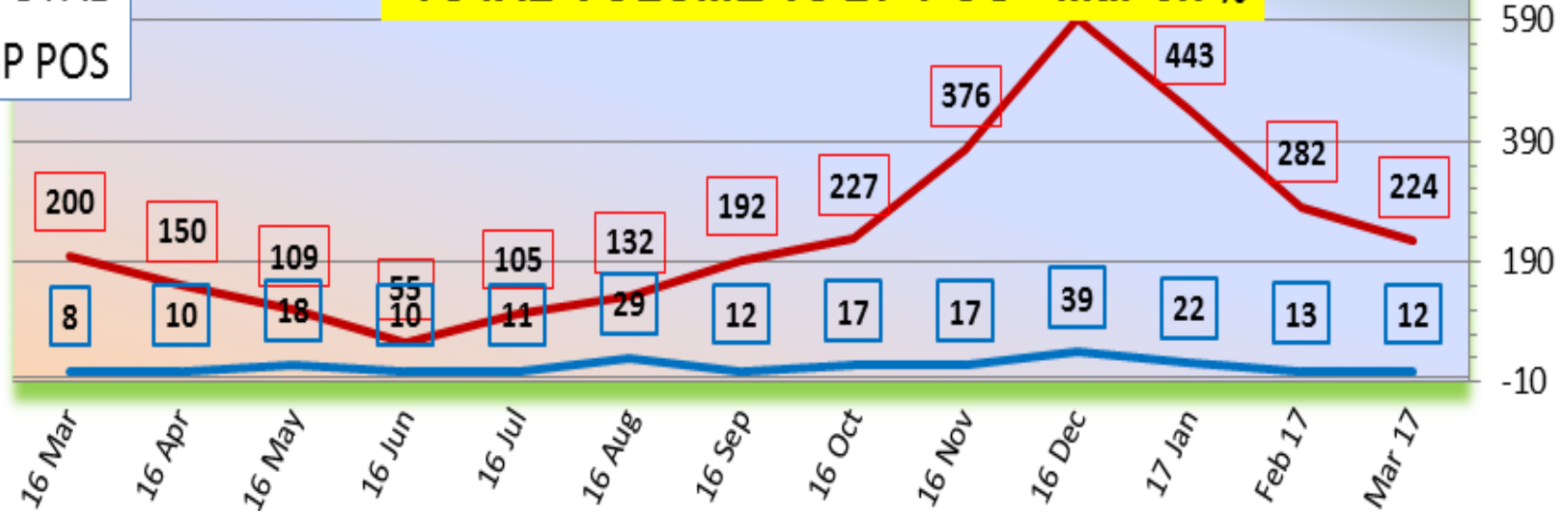
Week Ending Apr 22, 2017 - Week 16



*This map indicates geographic spread and does not measure the severity of influenza activity.

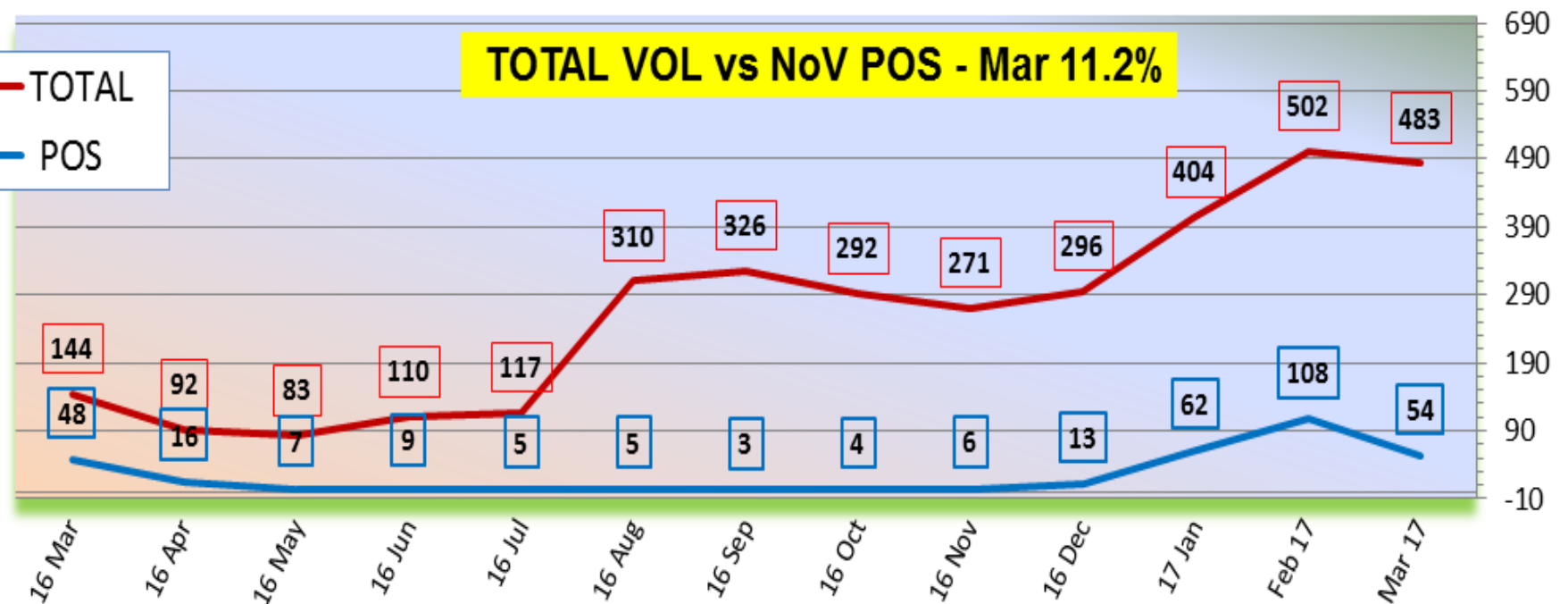
TOTAL VOLUME vs BP POS - Mar 6.7%

— TOTAL
— BP POS



TOTAL VOL vs NoV POS - Mar 11.2%

— TOTAL
— POS



Neuraminidase Inhibitors Resistance in Samples Collected - Oct 1- Apr 22, 2017

Per CDC website	Oseltamivir		Zanamivir		Peramivir	
	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)	Virus Samples tested (n)	Resistant Viruses, (%)
Influenza A (H1N1)pdm09	291	0	277	0	291	0
Influenza A (H3N2)	2071	0	2071	0	1169	0
Influenza B	694	0	694	0	694	0

Update Mar - 2017 PAHO/CDC

Target	Source	Period	CDC	US % POS	ACL	ACL % POS	WI # cases	IL # cases
Locally acquired	US (endemic)	Jan 2015-Mar 2017	221	0.1				
Zika virus US import	<u>US (travelers)</u>	Jan 2015-Jan 2017	4,779	1.5	17	5.0	48	94
<i>Zika virus US territory.</i>	<u>US (local) Puerto Rico</u>	Jan 2015-Jan 2017	38,306	10.4	0			
Dengue US import	<u>US (travelers)</u>	01/26/17	1,021	0.3	3	0.9	n/a	n/a
<i>Dengue US territory</i>	<u>US (local) Puerto Rico</u>	01/26/17	71,794	19.5	0			
Chikungunya US import	<u>US (travelers)</u>	Jan 2015-Jan 2017	175	0.1	1	0.3	n/a	n/a
<i>Chikungunya US territory</i>	<u>US (local) Puerto Rico</u>	Jan 2015-Jan 2017	169	0.0	0			