

# SARS-CoV2 Sero-Surveillance of blood donors

25<sup>th</sup> June 2020

## Summary of samples

	Mombasa	Nairobi	Kisumu	Eldoret	TOTAL
Total samples collected	1,575	600	499	500	3,174
Duplicates	1		1	16	18
With ELISA results	1,055	500	499	500	2,554

### On-going

- Age, sex, and date of collection for the Nairobi samples is yet to be received
- Completion of data entry for Mombasa RBTC
- Sample storage at Nakuru and Embu RBTCs
- Pending shipment of 100 samples from Nairobi on Monday

N=2535

135 spike positive samples 5.3% (95%CI 4.5, 6.3)

SEX	N	%	Number Ab_pos	% (95%CI)
Female	338	16.8	14	4.1 (2.5, 6.8)
Male	1,679	83.2	81	4.8 (3.9, 6.0)
Total	<b>2,017</b>		<b>95</b>	

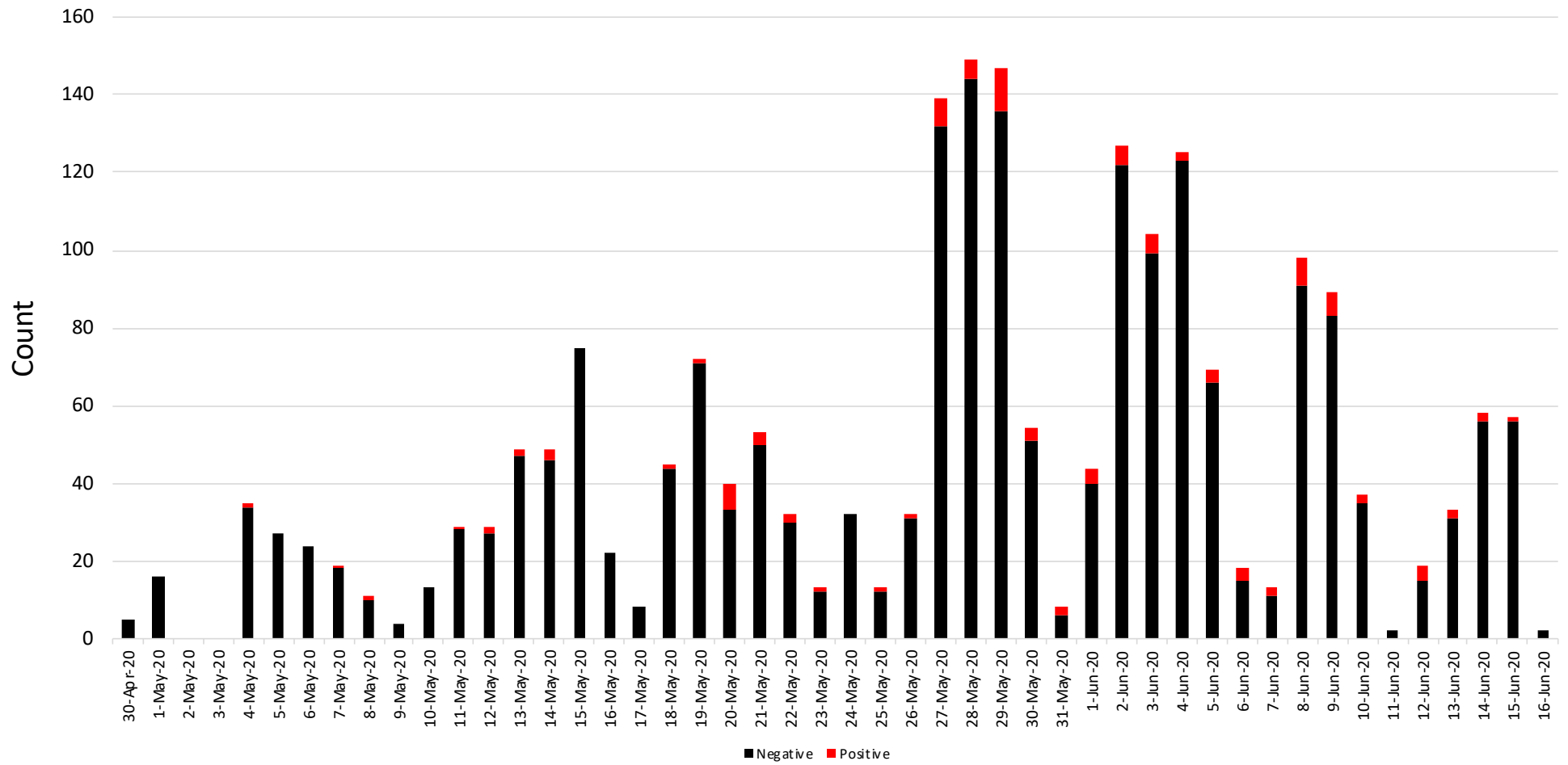
AGE	N	%	Number Ab_pos	% (95%CI)
15-19yrs	141	7.0	10	7.1 (3.8, 12.6)
20-29yrs	837	41.8	40	4.8 (3.5, 6.5)
30-39yrs	604	30.1	21	3.5 (2.3, 5.3)
40-49yrs	324	16.2	16	4.9 (3.0, 7.9)
50-69yrs	98	4.9	5	5.1 (2.1, 11.6)
Total	<b>2,004</b>		<b>92</b>	

<b>RBTC</b>	<b>N</b>	<b>%</b>	<b>Number Ab_pos</b>	<b>% (95%CI)</b>
Mombasa	1,055	41.6	53	5.0 (3.8, 6.5)
Nairobi	500	19.7	37	7.4 (5.4, 10.0)
Kisumu	498	19.7	38	7.6 (5.6, 10.3)
Eldoret	482	19.0	7	1.5 (0.7, 3.0)
<b>Total</b>	<b>2,535</b>		<b>135</b>	

RBTC	County	N	%	No. Ab_pos	% (95%CI)
Mombasa N=1042	Kilifi	336	32.3	5	1.5 (0.6, 3.5)
	Kwale	210	20.2	9	4.3 (2.2, 8.0)
	Lamu	62	5.9	1	1.6 (0.2, 10.5)
	Mombasa	385	36.9	33	8.6 (6.1, 11.8)
	Taita Taveta	21	2.0	3	14.2 (4.6, 36.1)
	Tana River	28	2.7	0	
Nairobi N=500	Garissa	4	0.8	0	
	Kiambu	25	5.0	4	16.0 (6.1, 35.7)
	Kitui	5	1.0	0	
	Machakos	145	29.0	9	6.2 (3.2, 11.5)
	Makueni	41	8.2	2	4.8 (1.2, 17.5)
	Nairobi	137	27.4	17	12.4 (7.8, 19.0)
	Nyeri	80	16.0	3	3.7 (1.2, 11.0)
	Turkana	26	5.2	2	7.6 (1.9, 2.6)
	Wajir	37	7.4	0	

RBTC	County	N	%	No. Ab_pos	% (95%CI)
Kisumu N=498	Bungoma	1	0.2	0	
	Busia	23	4.6	5	21.7 (9.3, 42.8)
	Homabay	56	11.2	2	3.5 (0.9, 13.2)
	Kericho	1	0.2	0	
	Kisii	63	12.7	1	1.6 (0.2, 10.4)
	Kisumu	200	40.2	15	7.5 (4.5, 12.1)
	Migori	26	5.2	3	11.5 (3.7, 30.3)
	Narok	1	0.2	0	
	Nyamira	1	0.2	0	
	Siaya	99	19.9	10	10.1 (5.5, 17.7)
	Vihiga	27	5.4	2	7.4 (1.8, 25.3)
Eldoret N=482	Bungoma	19	3.9	0	
	Trans Nzoia	45	9.3	0	
	Turkana	26	5.4	1	3.8 (0.5, 2.3)
	Uasin Gishu	375	77.8	4	1.1 (0.4, 2.8)
	West Pokot	17	3.5	2	11.8 (2.9, 3.7)

Sample collection over time



% Antibody positive over time

