

Rates

Instrumento	TNA	
Call 1d	56.00%	
Call 7d	57.00%	
Caución 7d	43.54%	22/11/2019
Caución 30d	48.00%	

BADLAR Priv. (>\$1mm)	45.31%	21/11/2019
TM20 Priv. (>\$20mm)	47.00%	
TFM - Leliq 7D	63.00%	22/11/2019

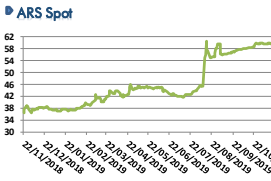
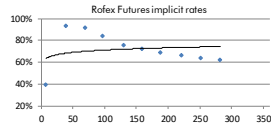
*TNA ponderada

BCRAA3500 USD

Days	Change	Annualized
8d	0,1%	5%
31d	1,9%	23%
63d	5,6%	32%
92d	8,7%	34%
184d	33,7%	67%
365d	64,2%	64%

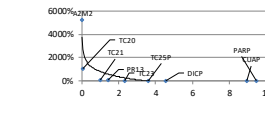
Rofex - ARS/USD Futures

Futures	Maturity	Days	USD	Rates	-d1	Ch	Op. I
SPOT	22/11/2019	-	59,770				
DLR1 12019	29/11/2019	7	60,220	39,3%	60,52	-0,5%	409
DLR1 22019	31/12/2019	39	65,700	92,9%	65,95	-0,4%	467
DLR1 02020	31/01/2020	70	70,250	91,4%	70,30	-0,1%	164
DLR022020	28/02/2020	98	73,150	83,4%	73,20	-0,1%	95
DLR032020	31/03/2020	130	75,750	75,1%	76,00	-0,3%	81
DLR042020	30/04/2020	160	78,500	71,5%	78,75	-0,3%	46
DLR052020	29/05/2020	189	81,000	68,6%	81,10	-0,1%	51
DLR062020	30/06/2020	221	83,500	65,6%	83,80	-0,4%	7
DLR072020	31/07/2020	252	85,800	63,1%	86,30	-0,6%	4
DLR082020	31/08/2020	283	88,300	61,6%	88,80	-0,6%	0



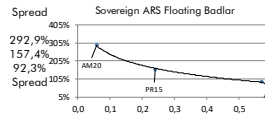
Bonds

Bond	Code	Amt Out.	Coupon	Price	YTM	MD	Maturity
Sovereign Bond Inflation Indexed							
Galileo 5 03-20	A2M2	30.000	4,00%	72,40	5252,69%	0,01	06/03/2020
Boncor 20	TC20	110.400	2,25%	97,28	1039,02%	0,07	28/04/2020
Boccon 24	PR13	874	2,00%	295,16	56,20%	1,44	15/03/2024
Boncor 21	TC21	57.390	2,50%	91,93	109,60%	1,01	22/07/2021
Boncor 23	TC23	28.300	4,00%	70,51	48,26%	2,32	06/03/2023
Boncor 25	TC25P	29.908	4,00%	54,43	36,97%	3,61	28/04/2025
Disc ARL 05	DICP	10.472	5,83%	649,45	22,59%	4,57	31/12/2033
Par ARL 05	PARP	2.861	1,77%	286,24	15,91%	8,96	31/12/2038
C-Par ARL 05	CUAP	23.434	3,31%	599,00	12,18%	9,47	31/12/2045
Sovereign and corporate ARS Floating Monetary Policy							
Bonte TPM 20	TJ20	142.378	TPM+0%	47,99	1203,76%	0,10	22/06/2020



Sovereign ARS Floating Badlar

Bonar 20	AM20	16.728 BP+ 3,25%	72,49	1073,61%	0,06	01/03/2020
Boccon 22	PR15	3.074 BP+ 0,0%	73,14	419,67%	0,24	04/10/2022
Bonar Abr 22	AA22	53.625 BP+ 2,0%	46,28	228,57%	0,57	04/04/2022



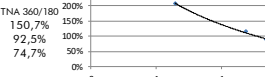
Sub-Sovereign ARS Floating Badlar

CABA TD C20	BDC22	3.708 BP+ 5,0%	87,68	85,03%	1,06	24/01/2022
CABA TD C24	BDC24	22.614 BP+ 3,25%	84,75	84,77%	1,26	29/03/2024
CABA TD C23	BDC28	13.262 BP+ 3,75%	75,44	84,73%	1,45	22/02/2028
PBA TD S1 C2	PBD19	1.465 BP+ 4,0%	100,05		0,02	06/12/2019
PBA TD 2022	PBY22	15.182 BP+ 3,83%	48,02	277,50%	0,41	31/05/2022
PBA TD 2025	PBA25	30.000 BP+ 3,75%	38,40	270,67%	0,46	14/04/2025
Rio Negro 2020	RN20	1.800 BP+ 5,0%	43,72	911,12%	0,14	06/07/2020
Nuevquen 2021	BNF21	1.912 BP+ 5,0%	64,31	6430,85%	0,54	23/02/2021
Mendoza 2021	PMJ21	5.219BP+ 4,375%	84,79	117,34%	0,71	09/06/2021
Salta 2021	SA21	400 BP+ 5,0%	72,47	137,75%	0,78	22/12/2021



Sovereign Dual ARS Fixed Dollar - Linked

Bonos Dual Feb-20	AF20	1.638	4,50%	2,049	19234,7%	0,01	13/02/2020
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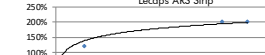


Sovereign ARS Fixed

Bond	Code	Amt Out.	Coupon	Price	YTM	MD	Maturity
Bonte \$ Oct 21	TO21	62.500	18,20%	25,10	207,44%	0,65	04/10/2021
Bonte \$ Oct 23	TO23	64.150	16,00%	23,03	113,85%	1,19	17/10/2023
Bonte \$ Oct 26	TO26	96.570	15,50%	23,18	88,63%	1,34	19/10/2026

Lecaps ARS Strips

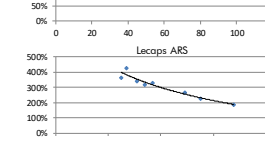
Lecaps ARS Strips	Days	Amt Out.	Price	TNA	Maturity
S28N9	2	39.059	31,86	82,66%	28/11/2019
S12D9	16	52.209	29,82	119,73%	12/12/2019
S26F0	92	20.832	57,50	202,03%	26/02/2020
S11M0	106	27.845	53,71	202,04%	11/03/2020



Lecaps ARS

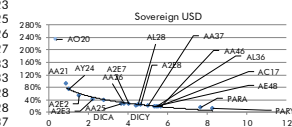
Lecaps ARS	Days	Amt Out.	Coupon**	Price	TIR	MD	Maturity
S0509	125	44.038	3,45%	102,25	366,66%	0,05	30/03/2020
S1109	134	62.000	4,00%	71,25	427,91%	0,05	08/04/2020
S3109	154	40.000	3,35%	90,46	342,73%	0,08	28/04/2020
S15N9	169	45.250	4,25%	69,59	321,26%	0,09	13/05/2020
S28F0	184	23.753	2,65%	74,97	327,98%	0,11	28/05/2020
S30A0	246	27.430	3,00%	80,45	266,77%	0,17	29/07/2020
S29Y0	275	45.384	3,75%	68,77	227,02%	0,22	27/08/2020
S3110	338	49.118	2,65%	67,60	184,80%	0,31	29/10/2020

** Compounded monthly



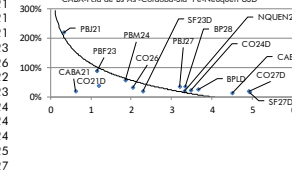
Bonds

Bond	Code	Amt Out.	Coupon	Price*	YTM	MD	Maturity
Sovereign USD							
Bonar 20	AO20	2.948	8,00%	39,10	233,57%	0,39	08/10/2020
Bonos Int.21 NYL	AA21	4.497	6,875%	45,17	92,24%	0,91	22/04/2021
Bonar 24	AY24	12.583	8,750%	36,09	75,32%	1,02	07/05/2024
Bonos Int. 22 NYL	AZ22	3.250	5,625%	47,05	52,62%	1,54	26/01/2022
Bonos Int. 23 NYL	AZ23	1.750	4,625%	41,05	42,39%	2,24	11/01/2023
Bonar 25	AA25	5.555	5,750%	36,61	39,45%	2,83	18/04/2025
Bonos Int. 26 NYL	AA26	6.497	7,500%	43,54	27,76%	3,85	22/04/2026
Bonos Int. 27 NYL	AZ27	3.750	6,875%	41,18	26,33%	4,05	26/01/2027
Disc 33	DICA	5.042	8,280%	61,15	27,90%	3,71	31/12/2033
Disc 33 NYL	DICY	3.966	8,280%	79,10	20,86%	4,42	31/12/2033
Bonos Int. 28 NYL	AZ28	4.250	5,875%	40,42	23,02%	4,67	11/01/2028
Bonos Int. 28 NYL	AL28	1.000	6,625%	40,66	23,75%	4,54	06/07/2028
Bonar 37	AA37	5.562	7,625%	39,10	22,31%	5,05	20/04/2037
Bonos Int. 36 NYL	AL36	1.750	7,125%	41,18	19,59%	5,47	07/07/2036
Par 38	PARA	1.230	3,750%	36,85	15,51%	7,70	31/12/2038
Bonos Int. 46 NYL	AA46	2.750	7,625%	43,05	18,75%	5,67	22/04/2046
Par 38 NYL	PARY	5.297	3,750%	43,60	13,26%	8,31	31/12/2038
Bonos Int. 48 NYL	AE48	3.000	6,875%	40,92	18,94%	5,35	13/01/2048
Bonos Int. 17 NYL	AC17	2.603	7,125%	42,21	17,57%	5,54	28/06/2117



Sub-Sovereign USD

Code	Amt Out.	Coupon	Price*	YTM	MD	Maturity	
Bs. As. 21 NYL	BP21	500	10,875%	64,44	390,00%	0,11	26/01/2021
CABA. 21 NYL	CABA21	335	8,950%	34,33	19,61%	0,63	19/02/2021
Bs. As. PBJ 21 NYL	PBJ21	900	9,950%	43,86	218,75%	0,33	09/06/2021
Córdoba 21 NYL**	CO21D	725	7,125%	73,85	35,71%	1,20	10/06/2021
Bs. As. 23 NYL	PBF23	770	6,500%	36,68	85,50%	1,15	15/02/2023
Córdoba 26	CO26	252	7,125%	52,77	29,87%	2,04	27/10/2026
Jujuy 22 NYL	JUS22	210	8,625%	43,56	54,14%	1,82	20/09/2022
Sta Fe 23 NYL**	SF23D	250	7,000%	77,39	19,06%	2,29	23/03/2023
Bs. As. 24 NYL	PBM24	1.250	9,125%	40,05	59,93%	1,86	16/03/2024
Salta 24 NYL	SA24D	350	9,125%	N.A.	N.A.	N.A.	08/07/2024
Chacco 24 NYL	CH24D	250	9,375%	N.A.	N.A.	N.A.	19/08/2024
La Rioja 25 NYL	RIF25	300	9,750%	N.A.	N.A.	N.A.	24/02/2025
T.Fueyo 27 NYL	TFU27	190	8,950%	70,45	19,64%	2,64	19/04/2027
Mendoza 24 NYL	PMY24	500	8,375%	66,19	24,74%	2,57	20/05/2024
Mun. Cord 24 NYL	MUNCOR2	150	8,75%	N.A.	N.A.	N.A.	23/09/2024
Chubut 26 NYL	PUL26	650	7,750%	N.A.	N.A.	N.A.	27/07/2026
Entre Rios 25 NYL	ERF25	500	8,750%	58,54	28,93%	2,75	10/02/2025
Rio Negro 25 NYL**	RND25	300	7,750%	46,16	33,81%	2,89	08/12/2025
Nuevquen 25 NYL**	NQV25	366	7,500%	89,85	18,75%	3,30	28/04/2025
Córdoba 24 NYL**	CO24D	510	7,450%	65,34	19,96%	4,68	02/09/2024
Bs. As. 27 NYL	PBJ27	1.750	7,875%	39,34	34,39%	3,20	15/06/2027
CABA. 27 NYL	CABA27	890	7,500%	80,12	13,39%	4,50	01/06/2027
Bs. As. 28 NYL	BP28	400	9,625%	38,29	35,20%	3,34	18/04/2028
Sta Fe 27 NYL**	SF27D	250	6,900%	71,39	13,96%	4,92	01/11/2027
Córdoba 27 NYL**	CO27D	450	7,125%	63,51	16,71%	4,91	02/08/2027
Par Bs.As. NYL	BPLD	446	4,000%	36,79	25,50%	3,65	15/05/2035



Corporate USD*

Code	Amt Out.	Coupon	Price	YTM	MD	Maturity	
Pan Am 2021	OPNS1	333	7,875%	102,04	5,69%	0,90	07/05/2021
Hipocorrio 2020	BHCYO	281	9,750%	80,88	36,30%	0,83	30/11/2020
YPF 2021	YCAFO	1.000	8,500%	95,71	12,46%	1,19	23/03/2021