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INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 23/10/2018

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES33 On 01/11/2018 Bond Future			11.18543	74.64848	11.18181	74.66922			0.00	0	7,037
ES33 On 07/02/2019 Bond Future			11.32638	76.08356	11.32262	76.10466			0.00	0	494
ES33 On 02/05/2019 Bond Future			11.44608	73.55858	11.44220	73.57998			0.00	0	0
ES33 On 01/08/2019 Bond Future			11.57788	74.89265	11.57366	74.91550			0.00	0	0
Total ES33 Future									0.00	0	7,531
Total For ES33									0.00	0	7,531
ES42 On 01/11/2018 Bond Future			11.39954	76.72347	11.40086	76.71492			0.00	0	0
ES42 On 07/02/2019 Bond Future			11.53211	78.19846	11.53349	78.18970			0.00	0	5,169
ES42 On 02/05/2019 Bond Future			11.65027	75.23801	11.65171	75.22904			0.00	0	0
ES42 On 01/08/2019 Bond Future			11.77726	76.60232	11.77858	76.59424			0.00	0	0
Total ES42 Future									0.00	0	5,169
Total For ES42									0.00	0	5,169
I2025 On 01/11/2018 Bond Future			132.57150	132.57150	132.78169	132.78169			0.00	0	529
I2025 On 07/02/2019 Bond Future			133.73956	133.73956	133.95370	133.95370			0.00	0	21
I2025 On 02/05/2019 Bond Future			135.98223	135.98223	136.19981	136.19981			0.00	0	0
I2025 On 01/08/2019 Bond Future			138.42870	138.42870	138.65172	138.65172			0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total I2025 Future												0.00	0	550
Total For I2025												0.00	0	550
I2029	On	01/11/2018	Bond Future			100.60783	100.60783	100.77966	100.77966			0.00	0	1,648
I2029	On	07/02/2019	Bond Future			102.56768	102.56768	102.74276	102.74276			0.00	0	2,954
I2029	On	02/05/2019	Bond Future			103.21517	103.21517	103.39310	103.39310			0.00	0	0
I2029	On	01/08/2019	Bond Future			105.10748	105.10748	105.28973	105.28973			0.00	0	0
Total I2029 Future												0.00	0	4,602
Total For I2029												0.00	0	4,602
I2033	On	01/11/2018	Bond Future			103.38322	103.38322	103.11408	103.11408			0.00	0	603
I2033	On	07/02/2019	Bond Future			105.39716	105.39716	105.12269	105.12269			0.00	0	5,770
I2033	On	02/05/2019	Bond Future			106.02009	106.02009	105.74077	105.74077			0.00	0	0
I2033	On	01/08/2019	Bond Future			107.96379	107.96379	107.68053	107.68053			0.00	0	0
Total I2033 Future												0.00	0	6,373
Total For I2033												0.00	0	6,373
I2038	On	01/11/2018	Bond Future			123.06870	123.06870	122.67806	122.67806			0.00	0	2,886
I2038	On	07/02/2019	Bond Future			123.87475	123.87475	123.47652	123.47652			0.00	0	6,960
I2038	On	02/05/2019	Bond Future			125.95204	125.95204	125.54693	125.54693			0.00	0	0
I2038	On	01/08/2019	Bond Future			128.20877	128.20877	127.79758	127.79758			0.00	0	0
Total I2038 Future												0.00	0	9,846
Total For I2038												0.00	0	9,846
I2046	On	01/11/2018	Bond Future			116.93927	116.93927	116.92073	116.92073			0.00	0	2,927
I2046	On	07/02/2019	Bond Future			119.21730	119.21730	119.19844	119.19844			0.00	0	9,155
I2046	On	02/05/2019	Bond Future			119.53120	119.53120	119.51181	119.51181			0.00	0	0
I2046	On	01/08/2019	Bond Future			121.72253	121.72253	121.70405	121.70405			0.00	0	0
Total I2046 Future												0.00	0	12,082
Total For I2046												0.00	0	12,082
I2050	On	01/11/2018	Bond Future			122.80469	122.80469	122.78541	122.78541			0.00	0	2,795
I2050	On	07/02/2019	Bond Future			123.42562	123.42562	123.40570	123.40570			0.00	0	7,315
I2050	On	02/05/2019	Bond Future			125.49533	125.49533	125.47504	125.47504			0.00	0	0
I2050	On	01/08/2019	Bond Future			125.97872	125.97872	125.95938	125.95938			0.00	0	0
Total I2050 Future												0.00	0	10,110
Total For I2050												0.00	0	10,110
R186	On	01/11/2018	Bond Future			9.16577	111.46457	9.15668	111.51840		7.12	3,140,402,795.18	28,174	39,407
R186	On	07/02/2019	Bond Future			9.26267	108.30290	9.25313	108.35766		7.37	3,128,437,569.40	28,886	23,911
R186	On	02/05/2019	Bond Future			9.34965	110.10270	9.33969	110.15832		7.33	0.00	0	0
R186	On	01/08/2019	Bond Future			9.44682	106.80133	9.43608	106.85949		7.87	0.00	0	0
Total R186 Future												6,268,840,364.58	57,060	63,318
R186	On	01/11/2018	Bond Future	8.52	Put			3,859.84000	3.85984	3,913,500	6.57	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R186	On	01/11/2018	Bond Future	8.46	Put			4,232.64000	4.23264	4,286,410	6.56	0.00	0	0
R186	On	01/11/2018	Bond Future	8.46	Call			0.10000	0.00010	0,040	6.56	0.00	0	5,000
R186	On	01/11/2018	Bond Future	8.90	Call			70.42000	0.07042	53,010	6.84	0.00	0	0
R186	On	01/11/2018	Bond Future	8.90	Put			1,605.02000	1.60502	1,641,440	6.84	0.00	0	2,500
R186	On	01/11/2018	Bond Future	9.14	Call			470.79000	0.47079	419,400	7.04	0.00	0	0
R186	On	01/11/2018	Bond Future	8.54	Call			0.43000	0.00043	0,190	6.58	0.00	0	0
R186	On	01/11/2018	Bond Future	8.54	Put			3,736.00000	3.73600	3,789,590	6.58	0.00	0	0
R186	On	01/11/2018	Bond Future	8.52	Call			0.30000	0.00030	0,130	6.57	0.00	0	0
R186	On	01/11/2018	Bond Future	9.14	Put			569.65000	0.56965	572,090	7.04	0.00	0	5,000
R186	On	01/11/2018	Bond Future	7.96	Put			7,405.05000	7.40505	7,458,880	6.57	0.00	0	0
R186	On	01/11/2018	Bond Future	7.96	Call			0.00000	0.00000	0,000	6.57	0.00	0	5,000
R186	On	01/11/2018	Bond Future	8.53	Call			0.36000	0.00036	0,160	6.58	0.00	0	0
R186	On	01/11/2018	Bond Future	8.53	Put			3,797.89000	3.79789	3,851,520	6.58	0.00	0	0
R186	On	07/02/2019	Bond Future	8.77	Put			3,453.15000	3.45315	3,487,780	7.05	0.00	0	0
R186	On	07/02/2019	Bond Future	8.77	Call			631.08000	0.63108	610,950	7.05	0.00	0	1,170
R186	On	07/02/2019	Bond Future	9.90	Call			4,205.29000	4.20529	4,155,780	8.00	0.00	0	0
R186	On	07/02/2019	Bond Future	9.90	Put			573.68000	0.57368	578,930	8.00	0.00	0	1,000
R186	On	07/02/2019	Bond Future	9.92	Call			4,294.89000	4.29489	4,245,140	8.02	0.00	0	0
R186	On	07/02/2019	Bond Future	9.92	Put			553.60000	0.55360	558,610	8.02	0.00	0	1,170
R186	On	07/02/2019	Bond Future	9.27	Put			1,687.45000	1.68745	1,705,990	7.38	0.00	0	0
R186	On	07/02/2019	Bond Future	9.27	Call			1,784.26000	1.78426	1,748,040	7.38	0.00	0	1,170
R186	On	07/02/2019	Bond Future	8.30	Put			5,812.19000	5.81219	5,859,610	6.72	0.00	0	0
R186	On	07/02/2019	Bond Future	8.30	Call			150.84000	0.15084	143,500	6.72	0.00	0	210
R186	On	07/02/2019	Bond Future	8.50	Put			4,732.66000	4.73266	4,775,490	6.82	0.00	0	0
R186	On	07/02/2019	Bond Future	8.50	Call			291.07000	0.29107	279,140	6.82	0.00	0	1,000
R186	On	07/02/2019	Bond Future	9.10	Call			1,312.73000	1.31273	1,281,730	7.28	0.00	0	0
R186	On	07/02/2019	Bond Future	9.10	Put			2,196.83000	2.19683	2,220,590	7.28	0.00	0	1,000
R186	On	07/02/2019	Bond Future	8.21	Call			110.21000	0.11021	104,450	6.69	0.00	0	0
R186	On	07/02/2019	Bond Future	8.21	Put			6,326.11000	6.32611	6,375,110	6.69	0.00	0	0
R186	On	07/02/2019	Bond Future	8.22	Call			114.00000	0.11400	108,090	6.69	0.00	0	0
R186	On	07/02/2019	Bond Future	8.22	Put			6,268.11000	6.26811	6,316,960	6.69	0.00	0	0
R186	On	07/02/2019	Bond Future	8.20	Call			106.53000	0.10653	100,920	6.69	0.00	0	0
R186	On	07/02/2019	Bond Future	8.20	Put			6,384.26000	6.38426	6,433,410	6.69	0.00	0	0
R186	On	02/05/2019	Bond Future	9.30	Put			2,463.22000	2.46322	2,485,260	7.37	0.00	0	0
R186	On	02/05/2019	Bond Future	9.30	Call			2,241.20000	2.24120	2,207,620	7.37	0.00	0	200
R186	On	02/05/2019	Bond Future	10.07	Call			5,031.30000	5.03130	4,984,580	8.20	0.00	0	0
R186	On	02/05/2019	Bond Future	8.70	Put			4,519.30000	4.51930	4,555,590	6.89	0.00	0	0
R186	On	02/05/2019	Bond Future	8.70	Call			866.13000	0.86613	846,800	6.89	0.00	0	200
R186	On	02/05/2019	Bond Future	9.03	Call			1,534.05000	1.53405	1,506,690	7.17	0.00	0	0
R186	On	02/05/2019	Bond Future	9.96	Call			4,579.03000	4.57903	4,533,680	8.06	0.00	0	0
R186	On	02/05/2019	Bond Future	9.96	Put			1,186.34000	1.18634	1,196,610	8.06	0.00	0	90

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R186	On	02/05/2019	Bond Future	9.02	Call			1,510.82000	1.51082	1,483,700	7.16	0.00	0	0
R186	On	02/05/2019	Bond Future	9.20	Call			1,961.74000	1.96174	1,930,400	7.29	0.00	0	90
R186	On	02/05/2019	Bond Future	8.62	Put			4,858.91000	4.85891	4,897,120	6.82	0.00	0	0
R186	On	02/05/2019	Bond Future	8.62	Call			737.45000	0.73745	720,040	6.82	0.00	0	90
R186	On	02/05/2019	Bond Future	10.07	Put			1,051.84000	1.05184	1,060,740	8.20	0.00	0	200
R186	On	02/05/2019	Bond Future	9.20	Put			2,745.84000	2.74584	2,770,120	7.29	0.00	0	0
R186	On	02/05/2019	Bond Future	9.02	Put			3,316.44000	3.31644	3,344,940	7.16	0.00	0	0
R186	On	02/05/2019	Bond Future	9.03	Put			3,282.58000	3.28258	3,310,840	7.17	0.00	0	0
R186	On	02/05/2019	Bond Future	9.01	Call			1,487.81000	1.48781	1,460,930	7.16	0.00	0	0
R186	On	02/05/2019	Bond Future	9.01	Put			3,350.55000	3.35055	3,379,290	7.16	0.00	0	0
R186	On	01/08/2019	Bond Future	9.53	Put			2,711.90000	2.71190	2,733,460	7.90	0.00	0	0
R186	On	01/08/2019	Bond Future	9.54	Call			3,250.96000	3.25096	3,214,190	7.91	0.00	0	0
R186	On	01/08/2019	Bond Future	9.54	Put			2,689.89000	2.68989	2,711,280	7.91	0.00	0	0
R186	On	01/08/2019	Bond Future	9.52	Call			3,187.84000	3.18784	3,151,410	7.89	0.00	0	0
R186	On	01/08/2019	Bond Future	9.52	Put			2,734.45000	2.73445	2,756,180	7.89	0.00	0	0
R186	On	01/08/2019	Bond Future	9.53	Call			3,219.15000	3.21915	3,182,550	7.90	0.00	0	0
Total R186 Option												0.00	0	25,090
Total For R186												6,268,840,364.58	57,060	88,408
R197	On	01/11/2018	Bond Future			301.61502	301.61502	301.43609	301.43609			0.00	0	3
R197	On	07/02/2019	Bond Future			300.14333	300.14333	299.96065	299.96065			0.00	0	2,350
R197	On	02/05/2019	Bond Future			305.17637	305.17637	304.99028	304.99028			0.00	0	0
R197	On	01/08/2019	Bond Future			303.21807	303.21807	303.03169	303.03169			0.00	0	0
Total R197 Future												0.00	0	2,353
Total For R197												0.00	0	2,353
R202	On	01/11/2018	Bond Future			236.14873	236.14873	235.56208	235.56208			0.00	0	2,075
R202	On	07/02/2019	Bond Future			236.84634	236.84634	236.24821	236.24821			0.00	0	8,070
R202	On	02/05/2019	Bond Future			240.81825	240.81825	240.20948	240.20948			0.00	0	0
R202	On	01/08/2019	Bond Future			241.22140	241.22140	240.60413	240.60413			0.00	0	0
Total R202 Future												0.00	0	10,145
Total For R202												0.00	0	10,145
R2023	On	01/11/2018	Bond Future			8.52170	98.67728	8.50762	98.72644		3.88	1,751,719,074.56	17,752	36,976
R2023	On	07/02/2019	Bond Future			8.63004	100.57433	8.61485	100.62437		3.84	1,777,852,431.41	17,677	33,303
R2023	On	02/05/2019	Bond Future			8.72084	98.31852	8.70460	98.36934		4.28	0.00	0	0
R2023	On	01/08/2019	Bond Future			8.82725	100.10184	8.80922	100.15497		4.34	0.00	0	0
Total R2023 Future												3,529,571,505.97	35,429	70,279
R2023	On	01/11/2018	Bond Future	10.58	Call			6,920.20000	6.92020	6,871,040	5.36	0.00	0	0
R2023	On	01/11/2018	Bond Future	10.58	Put			0.00000	0.00000	0,000	5.36	0.00	0	0
R2023	On	01/11/2018	Bond Future	10.59	Call			6,952.10000	6.95210	6,902,940	5.36	0.00	0	0
R2023	On	01/11/2018	Bond Future	10.59	Put			0.00000	0.00000	0,000	5.36	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2023	On	01/11/2018	Bond Future	10.57	Call			6,888.29000	6.88829	6,839,130	5.36	0.00	0	0
R2023	On	01/11/2018	Bond Future	10.57	Put			0.00000	0.00000	0,000	5.36	0.00	0	0
R2023	On	07/02/2019	Bond Future	10.59	Put			6.94000	0.00694	7,070	4.90	0.00	0	0
R2023	On	07/02/2019	Bond Future	10.57	Call			6,196.80000	6.19680	6,146,890	4.90	0.00	0	0
R2023	On	07/02/2019	Bond Future	10.57	Put			7.47000	0.00747	7,600	4.90	0.00	0	0
R2023	On	07/02/2019	Bond Future	10.58	Call			6,226.92000	6.22692	6,177,010	4.90	0.00	0	0
R2023	On	07/02/2019	Bond Future	10.58	Put			7.20000	0.00720	7,330	4.90	0.00	0	0
R2023	On	07/02/2019	Bond Future	10.59	Call			6,257.04000	6.25704	6,207,130	4.90	0.00	0	0
R2023	On	02/05/2019	Bond Future	8.44	Put			1,622.34000	1.62234	1,650,480	4.05	0.00	0	0
R2023	On	02/05/2019	Bond Future	8.45	Call			804.00000	0.80400	781,080	4.06	0.00	0	0
R2023	On	02/05/2019	Bond Future	8.45	Put			1,605.05000	1.60505	1,632,950	4.06	0.00	0	0
R2023	On	02/05/2019	Bond Future	8.46	Call			818.47000	0.81847	795,320	4.07	0.00	0	0
R2023	On	02/05/2019	Bond Future	8.46	Put			1,587.90000	1.58790	1,615,570	4.07	0.00	0	0
R2023	On	02/05/2019	Bond Future	8.44	Call			789.67000	0.78967	766,990	4.05	0.00	0	0
R2023	On	01/08/2019	Bond Future	8.93	Call			1,763.56000	1.76356	1,732,030	4.50	0.00	0	0
R2023	On	01/08/2019	Bond Future	8.93	Put			1,408.36000	1.40836	1,429,960	4.50	0.00	0	0
R2023	On	01/08/2019	Bond Future	8.94	Call			1,782.23000	1.78223	1,750,550	4.51	0.00	0	0
R2023	On	01/08/2019	Bond Future	8.94	Put			1,397.70000	1.39770	1,419,150	4.51	0.00	0	0
R2023	On	01/08/2019	Bond Future	8.95	Call			1,800.98000	1.80098	1,769,140	4.52	0.00	0	0
R2023	On	01/08/2019	Bond Future	8.95	Put			1,387.12000	1.38712	1,408,410	4.52	0.00	0	0
Total R2023 Option												0.00	0	0
Total For R2023											3,529,571,505.97	35,429	70,279	
R2030	On	01/11/2018	Bond Future			9.57982	91.38002	9.57065	91.43773		9.68	6,391,118,598.80	69,940	48,623
R2030	On	07/02/2019	Bond Future			9.66883	89.12740	9.65931	89.18607		10.10	2,051,088,856.20	23,013	28,967
R2030	On	02/05/2019	Bond Future			9.75006	90.60847	9.74022	90.66803		10.03	0.00	0	0
R2030	On	01/08/2019	Bond Future			9.84203	88.24713	9.83158	88.30908		10.88	0.00	0	0
Total R2030 Future											8,442,207,455.00	92,953	77,590	
R2030	On	01/11/2018	Bond Future	8.90	Put			4,361.12000	4.36112	4,418,650	8.95	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.90	Call			0.31000	0.00031	0,130	8.95	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.60	Call			0.00000	0.00000	0,000	8.82	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.60	Put			6,404.26000	6.40426	6,461,970	8.82	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.58	Call			0.00000	0.00000	0,000	8.82	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.58	Put			6,542.61000	6.54261	6,600,320	8.82	0.00	0	0
R2030	On	01/11/2018	Bond Future	9.60	Put			503.19000	0.50319	499,250	9.80	0.00	0	0
R2030	On	01/11/2018	Bond Future	9.60	Call			687.72000	0.68772	626,070	9.80	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.59	Call			0.00000	0.00000	0,000	8.82	0.00	0	0
R2030	On	01/11/2018	Bond Future	8.59	Put			6,473.40000	6.47340	6,531,110	8.82	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.62	Call			132.23000	0.13223	125,520	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.62	Put			6,864.13000	6.86413	6,916,090	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.64	Put			6,737.20000	6.73720	6,788,810	8.93	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2030	On	07/02/2019	Bond Future	9.60	Put			2,119.53000	2.11953	2,141,230	9.96	0.00	0	0
R2030	On	07/02/2019	Bond Future	9.60	Call			1,752.78000	1.75278	1,715,810	9.96	0.00	0	1,320
R2030	On	07/02/2019	Bond Future	8.90	Put			5,179.67000	5.17967	5,225,180	9.07	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.90	Call			326.74000	0.32674	313,580	9.07	0.00	0	1,320
R2030	On	07/02/2019	Bond Future	9.40	Put			2,818.30000	2.81830	2,846,700	9.73	0.00	0	0
R2030	On	07/02/2019	Bond Future	9.40	Call			1,199.74000	1.19974	1,169,470	9.73	0.00	0	0
R2030	On	07/02/2019	Bond Future	9.68	Put			1,877.11000	1.87711	1,896,340	10.03	0.00	0	0
R2030	On	07/02/2019	Bond Future	9.68	Call			2,004.56000	2.00456	1,965,120	10.03	0.00	0	4,000
R2030	On	07/02/2019	Bond Future	10.20	Call			4,051.86000	4.05186	4,000,360	10.66	0.00	0	0
R2030	On	07/02/2019	Bond Future	10.20	Put			800.51000	0.80051	807,680	10.66	0.00	0	4,000
R2030	On	07/02/2019	Bond Future	8.70	Put			6,361.05000	6.36105	6,411,540	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.63	Call			136.64000	0.13664	129,760	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.63	Put			6,800.58000	6.80058	6,852,370	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.64	Call			141.17000	0.14117	134,110	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	8.70	Call			171.08000	0.17108	162,900	8.93	0.00	0	0
R2030	On	07/02/2019	Bond Future	9.18	Put			3,746.74000	3.74674	3,782,990	9.44	0.00	0	0
R2030	On	07/02/2019	Bond Future	9.18	Call			723.78000	0.72378	701,360	9.44	0.00	0	4,000
R2030	On	02/05/2019	Bond Future	9.39	Call			1,634.14000	1.63414	1,605,170	9.68	0.00	0	0
R2030	On	02/05/2019	Bond Future	9.39	Put			3,789.54000	3.78954	3,820,130	9.68	0.00	0	0
R2030	On	02/05/2019	Bond Future	9.40	Call			1,659.26000	1.65926	1,630,040	9.69	0.00	0	0
R2030	On	02/05/2019	Bond Future	9.40	Put			3,752.15000	3.75215	3,782,490	9.69	0.00	0	0
R2030	On	02/05/2019	Bond Future	9.41	Call			1,684.60000	1.68460	1,655,120	9.70	0.00	0	0
R2030	On	02/05/2019	Bond Future	9.41	Put			3,715.03000	3.71503	3,745,110	9.70	0.00	0	0
R2030	On	01/08/2019	Bond Future	9.92	Put			3,082.61000	3.08261	3,105,080	10.79	0.00	0	0
R2030	On	01/08/2019	Bond Future	9.90	Call			3,538.92000	3.53892	3,499,790	10.77	0.00	0	0
R2030	On	01/08/2019	Bond Future	9.90	Put			3,134.35000	3.13435	3,157,170	10.77	0.00	0	0
R2030	On	01/08/2019	Bond Future	9.91	Call			3,571.88000	3.57188	3,532,580	10.78	0.00	0	0
R2030	On	01/08/2019	Bond Future	9.91	Put			3,108.38000	3.10838	3,131,030	10.78	0.00	0	0
R2030	On	01/08/2019	Bond Future	9.92	Call			3,604.98000	3.60498	3,565,500	10.79	0.00	0	0
Total R2030 Option												0.00	0	14,640
Total For R2030												8,442,207,455.00	92,953	92,230
R2032	On	01/11/2018	Bond Future			9.78009	89.53053	9.76593	89.62665		10.91	1,571,529,393.09	17,553	32,510
R2032	On	07/02/2019	Bond Future			9.87128	91.25179	9.85660	91.34962		10.92	1,601,742,669.87	17,553	22,009
R2032	On	02/05/2019	Bond Future			9.95032	88.61307	9.93516	88.71249		11.27	0.00	0	0
R2032	On	01/08/2019	Bond Future			10.03665	90.22011	10.02074	90.32266		11.78	0.00	0	0
Total R2032 Future												3,173,272,062.96	35,106	54,519
R2032	On	01/11/2018	Bond Future	8.76	Call			0.00000	0.00000	0,000	9.79	0.00	0	0
R2032	On	01/11/2018	Bond Future	8.76	Put			7,221.57000	7.22157	7,317,690	9.79	0.00	0	0
R2032	On	01/11/2018	Bond Future	8.77	Call			0.00000	0.00000	0,000	9.79	0.00	0	0
R2032	On	01/11/2018	Bond Future	8.77	Put			7,145.80000	7.14580	7,241,920	9.79	0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2032 On 01/11/2018 Bond Future	8.75	Call			0.00000	0.00000	0,000	9.79	0.00	0	0
R2032 On 01/11/2018 Bond Future	8.75	Put			7,297.42000	7.29742	7,393,540	9.79	0.00	0	0
R2032 On 07/02/2019 Bond Future	8.81	Call			135.08000	0.13508	125,930	9.39	0.00	0	0
R2032 On 07/02/2019 Bond Future	8.81	Put			7,521.10000	7.52110	7,609,780	9.39	0.00	0	0
R2032 On 07/02/2019 Bond Future	8.82	Call			139.69000	0.13969	130,280	9.39	0.00	0	0
R2032 On 07/02/2019 Bond Future	8.82	Put			7,451.13000	7.45113	7,539,550	9.39	0.00	0	0
R2032 On 07/02/2019 Bond Future	8.80	Call			130.61000	0.13061	121,690	9.39	0.00	0	0
R2032 On 07/02/2019 Bond Future	8.80	Put			7,591.29000	7.59129	7,680,200	9.39	0.00	0	0
R2032 On 02/05/2019 Bond Future	9.62	Call			1,895.58000	1.89558	1,849,250	10.87	0.00	0	0
R2032 On 02/05/2019 Bond Future	9.62	Put			3,998.76000	3.99876	4,051,850	10.87	0.00	0	0
R2032 On 02/05/2019 Bond Future	9.63	Call			1,923.66000	1.92366	1,876,920	10.89	0.00	0	0
R2032 On 02/05/2019 Bond Future	9.63	Put			3,959.03000	3.95903	4,011,710	10.89	0.00	0	0
R2032 On 02/05/2019 Bond Future	9.61	Call			1,867.73000	1.86773	1,821,800	10.86	0.00	0	0
R2032 On 02/05/2019 Bond Future	9.61	Put			4,038.80000	4.03880	4,092,290	10.86	0.00	0	0
R2032 On 01/08/2019 Bond Future	10.10	Call			4,009.57000	4.00957	3,947,560	11.86	0.00	0	0
R2032 On 01/08/2019 Bond Future	10.10	Put			3,500.35000	3.50035	3,540,890	11.86	0.00	0	0
R2032 On 01/08/2019 Bond Future	10.11	Call			4,044.20000	4.04420	3,981,910	11.86	0.00	0	0
R2032 On 01/08/2019 Bond Future	10.11	Put			3,471.03000	3.47103	3,511,290	11.86	0.00	0	0
R2032 On 01/08/2019 Bond Future	10.09	Call			3,975.07000	3.97507	3,913,340	11.85	0.00	0	0
R2032 On 01/08/2019 Bond Future	10.09	Put			3,529.87000	3.52987	3,570,690	11.85	0.00	0	0
Total R2032 Option									0.00	0	0
Total For R2032									3,173,272,062.96	35,106	54,519
R2035 On 01/11/2018 Bond Future			9.91016	93.32790	9.91108	93.32099		11.61	1,112,188,584.30	11,917	41,542
R2035 On 07/02/2019 Bond Future			10.00206	95.12209	10.00302	95.11501		11.64	1,073,167,419.38	11,282	40,480
R2035 On 02/05/2019 Bond Future			10.07705	92.20555	10.07805	92.19827		12.06	0.00	0	0
R2035 On 01/08/2019 Bond Future			10.15997	93.87791	10.16082	93.87182		12.63	0.00	0	0
Total R2035 Future									2,185,356,003.68	23,199	82,022
R2035 On 01/11/2018 Bond Future	8.92	Put			7,916.09000	7.91609	7,909,180	10.42	0.00	0	0
R2035 On 01/11/2018 Bond Future	8.93	Call			0.00000	0.00000	0,000	10.42	0.00	0	0
R2035 On 01/11/2018 Bond Future	8.93	Put			7,831.25000	7.83125	7,824,340	10.42	0.00	0	0
R2035 On 01/11/2018 Bond Future	8.94	Call			0.00000	0.00000	0,000	10.42	0.00	0	0
R2035 On 01/11/2018 Bond Future	8.94	Put			7,746.51000	7.74651	7,739,600	10.42	0.00	0	0
R2035 On 01/11/2018 Bond Future	8.92	Call			0.00000	0.00000	0,000	10.42	0.00	0	0
R2035 On 07/02/2019 Bond Future	8.97	Call			155.62000	0.15562	152,920	10.00	0.00	0	0
R2035 On 07/02/2019 Bond Future	8.97	Put			8,278.00000	8.27800	8,268,220	10.00	0.00	0	0
R2035 On 07/02/2019 Bond Future	8.98	Call			160.94000	0.16094	158,170	10.00	0.00	0	0
R2035 On 07/02/2019 Bond Future	8.98	Put			8,199.65000	8.19965	8,189,800	10.00	0.00	0	0
R2035 On 07/02/2019 Bond Future	8.96	Call			150.46000	0.15046	147,810	10.00	0.00	0	0
R2035 On 07/02/2019 Bond Future	8.96	Put			8,356.62000	8.35662	8,346,890	10.00	0.00	0	0
R2035 On 02/05/2019 Bond Future	9.73	Put			4,642.27000	4.64227	4,629,950	11.77	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2035	On	02/05/2019	Bond Future	9.74	Call			2,087.21000	2.08721	2,082,170	11.79	0.00	0	0
R2035	On	02/05/2019	Bond Future	9.74	Put			4,597.00000	4.59700	4,584,680	11.79	0.00	0	0
R2035	On	02/05/2019	Bond Future	9.75	Call			2,117.99000	2.11799	2,112,950	11.80	0.00	0	0
R2035	On	02/05/2019	Bond Future	9.75	Put			4,552.06000	4.55206	4,539,740	11.80	0.00	0	0
R2035	On	02/05/2019	Bond Future	9.73	Call			2,056.67000	2.05667	2,051,630	11.77	0.00	0	0
R2035	On	01/08/2019	Bond Future	10.23	Put			3,904.13000	3.90413	3,894,020	12.61	0.00	0	0
R2035	On	01/08/2019	Bond Future	10.24	Call			4,435.81000	4.43581	4,431,800	12.62	0.00	0	0
R2035	On	01/08/2019	Bond Future	10.24	Put			3,871.46000	3.87146	3,861,360	12.62	0.00	0	0
R2035	On	01/08/2019	Bond Future	10.22	Call			4,359.67000	4.35967	4,355,630	12.61	0.00	0	0
R2035	On	01/08/2019	Bond Future	10.22	Put			3,937.37000	3.93737	3,927,240	12.61	0.00	0	0
R2035	On	01/08/2019	Bond Future	10.23	Call			4,397.50000	4.39750	4,393,480	12.61	0.00	0	0
Total R2035 Option												0.00	0	0
Total For R2035												2,185,356,003.68	23,199	82,022
R2037	On	01/11/2018	Bond Future			9.97943	89.92388	9.98029	89.91740		12.17	1,191,761,181.64	13,253	52,209
R2037	On	07/02/2019	Bond Future			10.06464	87.39264	10.06554	87.38597		12.81	1,165,031,283.84	13,331	24,714
R2037	On	02/05/2019	Bond Future			10.14113	88.84487	10.14207	88.83800		12.66	0.00	0	0
R2037	On	01/08/2019	Bond Future			10.22700	86.20119	10.22779	86.19550		13.91	0.00	0	0
Total R2037 Future												2,356,792,465.48	26,584	76,923
R2037	On	01/11/2018	Bond Future	9.03	Put			7,626.21000	7.62621	7,619,730	10.92	0.00	0	0
R2037	On	01/11/2018	Bond Future	9.01	Call			0.00000	0.00000	0,000	10.92	0.00	0	0
R2037	On	01/11/2018	Bond Future	9.01	Put			7,797.41000	7.79741	7,790,930	10.92	0.00	0	0
R2037	On	01/11/2018	Bond Future	9.02	Call			0.00000	0.00000	0,000	10.92	0.00	0	0
R2037	On	01/11/2018	Bond Future	9.02	Put			7,711.75000	7.71175	7,705,270	10.92	0.00	0	0
R2037	On	01/11/2018	Bond Future	9.03	Call			0.00000	0.00000	0,000	10.92	0.00	0	0
R2037	On	07/02/2019	Bond Future	9.05	Put			8,227.38000	8.22738	8,217,730	11.08	0.00	0	0
R2037	On	07/02/2019	Bond Future	9.06	Call			182.68000	0.18268	179,620	11.10	0.00	0	0
R2037	On	07/02/2019	Bond Future	9.06	Put			8,149.61000	8.14961	8,139,880	11.10	0.00	0	0
R2037	On	07/02/2019	Bond Future	9.07	Call			189.90000	0.18990	186,770	11.12	0.00	0	0
R2037	On	07/02/2019	Bond Future	9.07	Put			8,072.24000	8.07224	8,062,440	11.12	0.00	0	0
R2037	On	07/02/2019	Bond Future	9.05	Call			175.74000	0.17574	172,760	11.08	0.00	0	0
R2037	On	02/05/2019	Bond Future	9.80	Call			2,043.42000	2.04342	2,038,290	12.12	0.00	0	0
R2037	On	02/05/2019	Bond Future	9.80	Put			4,600.12000	4.60012	4,588,120	12.12	0.00	0	0
R2037	On	02/05/2019	Bond Future	9.81	Call			2,074.28000	2.07428	2,069,140	12.13	0.00	0	0
R2037	On	02/05/2019	Bond Future	9.81	Put			4,554.61000	4.55461	4,542,600	12.13	0.00	0	0
R2037	On	02/05/2019	Bond Future	9.79	Call			2,013.06000	2.01306	2,007,930	12.11	0.00	0	0
R2037	On	02/05/2019	Bond Future	9.79	Put			4,646.23000	4.64623	4,634,230	12.11	0.00	0	0
R2037	On	01/08/2019	Bond Future	10.29	Call			4,436.16000	4.43616	4,431,810	13.95	0.00	0	0
R2037	On	01/08/2019	Bond Future	10.29	Put			3,990.24000	3.99024	3,980,200	13.95	0.00	0	0
R2037	On	01/08/2019	Bond Future	10.30	Call			4,474.09000	4.47409	4,469,760	13.96	0.00	0	0
R2037	On	01/08/2019	Bond Future	10.30	Put			3,956.83000	3.95683	3,946,810	13.96	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2037	On	01/08/2019	Bond Future	10.31	Call			4,512.16000	4.51216	4,507,850	13.97	0.00	0	0
R2037	On	01/08/2019	Bond Future	10.31	Put			3,923.64000	3.92364	3,913,640	13.97	0.00	0	0
Total R2037 Option												0.00	0	0
Total For R2037												2,356,792,465.48	26,584	76,923
R2040	On	01/11/2018	Bond Future			10.06441	93.10790	10.06527	93.10098		12.54	1,324,552,985.40	14,226	24,511
R2040	On	07/02/2019	Bond Future			10.14943	90.38725	10.15032	90.38020		13.23	1,288,108,699.75	14,251	16,599
R2040	On	02/05/2019	Bond Future			10.22555	91.88926	10.22648	91.88198		13.07	0.00	0	0
R2040	On	01/08/2019	Bond Future			10.31095	89.05046	10.31173	89.04445		14.40	0.00	0	0
Total R2040 Future												2,612,661,685.15	28,477	41,110
R2040	On	01/11/2018	Bond Future	9.60	Call			12.62000	0.01262	8,840	11.82	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.20	Call			0.01000	0.00001	0,000	11.25	0.00	0	3,940
R2040	On	01/11/2018	Bond Future	9.80	Put			2,296.84000	2.29684	2,271,060	12.24	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.80	Call			120.66000	0.12066	101,800	12.24	0.00	0	1,770
R2040	On	01/11/2018	Bond Future	10.00	Put			1,065.48000	1.06548	1,023,120	12.54	0.00	0	0
R2040	On	01/11/2018	Bond Future	10.00	Call			537.71000	0.53771	502,270	12.54	0.00	0	2,690
R2040	On	01/11/2018	Bond Future	9.60	Put			3,885.58000	3.88558	3,874,880	11.82	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.07	Put			8,616.49000	8.61649	8,609,570	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.10	Put			8,338.01000	8.33801	8,331,090	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.10	Call			0.00000	0.00000	0,000	11.26	0.00	0	2,950
R2040	On	01/11/2018	Bond Future	8.50	Put			14,150.39000	14.15039	14,143,470	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	8.50	Call			0.00000	0.00000	0,000	11.26	0.00	0	2,950
R2040	On	01/11/2018	Bond Future	9.20	Put			7,418.60000	7.41860	7,411,670	11.25	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.08	Call			0.00000	0.00000	0,000	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.08	Put			8,523.52000	8.52352	8,516,600	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.09	Call			0.00000	0.00000	0,000	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.09	Put			8,430.70000	8.43070	8,423,780	11.26	0.00	0	0
R2040	On	01/11/2018	Bond Future	9.07	Call			0.00000	0.00000	0,000	11.26	0.00	0	0
R2040	On	07/02/2019	Bond Future	9.13	Put			8,882.34000	8.88234	8,872,250	11.35	0.00	0	0
R2040	On	07/02/2019	Bond Future	9.11	Call			163.75000	0.16375	160,830	11.35	0.00	0	0
R2040	On	07/02/2019	Bond Future	9.11	Put			9,054.76000	9.05476	9,044,790	11.35	0.00	0	0
R2040	On	07/02/2019	Bond Future	9.12	Call			169.40000	0.16940	166,420	11.35	0.00	0	0
R2040	On	07/02/2019	Bond Future	9.12	Put			8,968.40000	8.96840	8,958,370	11.35	0.00	0	0
R2040	On	07/02/2019	Bond Future	9.13	Call			175.21000	0.17521	172,170	11.35	0.00	0	0
R2040	On	02/05/2019	Bond Future	9.88	Call			2,195.15000	2.19515	2,189,570	12.62	0.00	0	0
R2040	On	02/05/2019	Bond Future	9.88	Put			4,971.88000	4.97188	4,959,020	12.62	0.00	0	0
R2040	On	02/05/2019	Bond Future	9.89	Call			2,228.04000	2.22804	2,222,460	12.64	0.00	0	0
R2040	On	02/05/2019	Bond Future	9.89	Put			4,922.70000	4.92270	4,909,840	12.64	0.00	0	0
R2040	On	02/05/2019	Bond Future	9.90	Call			2,261.20000	2.26120	2,255,620	12.65	0.00	0	0
R2040	On	02/05/2019	Bond Future	9.90	Put			4,873.91000	4.87391	4,861,050	12.65	0.00	0	0
R2040	On	01/08/2019	Bond Future	10.36	Call			4,711.03000	4.71103	4,706,280	14.50	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2040	On	01/08/2019	Bond Future	10.36	Put			4,340.55000	4.34055	4,329,790	14.50	0.00	0	0
R2040	On	01/08/2019	Bond Future	10.37	Call			4,751.21000	4.75121	4,746,480	14.51	0.00	0	0
R2040	On	01/08/2019	Bond Future	10.37	Put			4,304.28000	4.30428	4,293,540	14.51	0.00	0	0
R2040	On	01/08/2019	Bond Future	10.38	Call			4,791.84000	4.79184	4,787,120	14.52	0.00	0	0
R2040	On	01/08/2019	Bond Future	10.38	Put			4,268.58000	4.26858	4,257,850	14.52	0.00	0	0
Total R2040 Option												0.00	0	14,300
Total For R2040												2,612,661,685.15	28,477	55,410
R2044	On	01/11/2018	Bond Future			10.06901	90.30193	10.06982	90.29531		13.12	2,278,769,203.55	25,235	31,823
R2044	On	07/02/2019	Bond Future			10.15025	87.65272	10.15111	87.64580		13.84	1,182,785,803.68	13,494	18,276
R2044	On	02/05/2019	Bond Future			10.22285	89.10925	10.22374	89.10217		13.69	0.00	0	0
R2044	On	01/08/2019	Bond Future			10.30413	86.34523	10.30489	86.33927		15.08	0.00	0	0
Total R2044 Future												3,461,555,007.23	38,729	50,099
R2044	On	01/11/2018	Bond Future	9.13	Call			0.00000	0.00000	0,000	11.77	0.00	0	0
R2044	On	01/11/2018	Bond Future	9.13	Put			8,285.89000	8.28589	8,279,270	11.77	0.00	0	0
R2044	On	01/11/2018	Bond Future	9.14	Call			0.00000	0.00000	0,000	11.77	0.00	0	0
R2044	On	01/11/2018	Bond Future	9.14	Put			8,190.95000	8.19095	8,184,330	11.77	0.00	0	0
R2044	On	01/11/2018	Bond Future	9.12	Call			0.00000	0.00000	0,000	11.77	0.00	0	0
R2044	On	01/11/2018	Bond Future	9.12	Put			8,380.99000	8.38099	8,374,370	11.77	0.00	0	0
R2044	On	07/02/2019	Bond Future	9.17	Put			8,745.50000	8.74550	8,735,250	11.88	0.00	0	0
R2044	On	07/02/2019	Bond Future	9.18	Call			205.84000	0.20584	202,440	11.88	0.00	0	0
R2044	On	07/02/2019	Bond Future	9.18	Put			8,658.17000	8.65817	8,647,850	11.88	0.00	0	0
R2044	On	07/02/2019	Bond Future	9.16	Call			192.56000	0.19256	189,300	11.88	0.00	0	0
R2044	On	07/02/2019	Bond Future	9.16	Put			8,833.16000	8.83316	8,822,980	11.88	0.00	0	0
R2044	On	07/02/2019	Bond Future	9.17	Call			199.11000	0.19911	195,780	11.88	0.00	0	0
R2044	On	02/05/2019	Bond Future	9.90	Call			2,302.84000	2.30284	2,297,050	13.25	0.00	0	0
R2044	On	02/05/2019	Bond Future	9.90	Put			4,942.93000	4.94293	4,930,060	13.25	0.00	0	0
R2044	On	02/05/2019	Bond Future	9.91	Call			2,337.03000	2.33703	2,331,230	13.26	0.00	0	0
R2044	On	02/05/2019	Bond Future	9.91	Put			4,893.55000	4.89355	4,880,670	13.26	0.00	0	0
R2044	On	02/05/2019	Bond Future	9.92	Call			2,371.23000	2.37123	2,365,430	13.28	0.00	0	0
R2044	On	02/05/2019	Bond Future	9.92	Put			4,844.32000	4.84432	4,831,440	13.28	0.00	0	0
R2044	On	01/08/2019	Bond Future	10.39	Call			4,859.86000	4.85986	4,855,160	14.97	0.00	0	0
R2044	On	01/08/2019	Bond Future	10.39	Put			4,197.24000	4.19724	4,186,580	14.97	0.00	0	0
R2044	On	01/08/2019	Bond Future	10.40	Call			4,901.38000	4.90138	4,896,700	14.98	0.00	0	0
R2044	On	01/08/2019	Bond Future	10.40	Put			4,161.48000	4.16148	4,150,840	14.98	0.00	0	0
R2044	On	01/08/2019	Bond Future	10.38	Call			4,818.78000	4.81878	4,814,070	14.97	0.00	0	0
R2044	On	01/08/2019	Bond Future	10.38	Put			4,233.57000	4.23357	4,222,900	14.97	0.00	0	0
Total R2044 Option												0.00	0	0
Total For R2044												3,461,555,007.23	38,729	50,099
R2048	On	01/11/2018	Bond Future			10.04915	89.39643	10.05500	89.34743		13.52	2,315,278,140.57	25,899	79,205
R2048	On	07/02/2019	Bond Future			10.13168	91.11505	10.13774	91.06505		13.58	2,349,948,254.55	25,791	42,924

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2048	On	02/05/2019	Bond Future			10.19869	88.19527	10.20493	88.14439		14.12	0.00	0	0
R2048	On	01/08/2019	Bond Future			10.27237	89.79484	10.27865	89.74432		14.83	0.00	0	0
Total R2048 Future												4,665,226,395.12	51,690	122,129
R2048	On	01/11/2018	Bond Future	9.03	Put			9,381.61000	9.38161	9,332,610	12.13	0.00	0	0
R2048	On	01/11/2018	Bond Future	9.01	Call			0.00000	0.00000	0,000	12.13	0.00	0	0
R2048	On	01/11/2018	Bond Future	9.01	Put			9,581.82000	9.58182	9,532,820	12.13	0.00	0	0
R2048	On	01/11/2018	Bond Future	9.02	Call			0.00000	0.00000	0,000	12.13	0.00	0	0
R2048	On	01/11/2018	Bond Future	9.02	Put			9,481.63000	9.48163	9,432,630	12.13	0.00	0	0
R2048	On	01/11/2018	Bond Future	9.03	Call			0.00000	0.00000	0,000	12.13	0.00	0	0
R2048	On	07/02/2019	Bond Future	9.06	Call			139.17000	0.13917	138,960	11.65	0.00	0	0
R2048	On	07/02/2019	Bond Future	9.06	Put			9,893.84000	9.89384	9,843,630	11.65	0.00	0	0
R2048	On	07/02/2019	Bond Future	9.07	Call			144.28000	0.14428	144,090	11.65	0.00	0	0
R2048	On	07/02/2019	Bond Future	9.07	Put			9,799.83000	9.79983	9,749,640	11.65	0.00	0	0
R2048	On	07/02/2019	Bond Future	9.05	Call			134.21000	0.13421	133,980	11.65	0.00	0	0
R2048	On	07/02/2019	Bond Future	9.05	Put			9,988.17000	9.98817	9,937,940	11.65	0.00	0	0
R2048	On	02/05/2019	Bond Future	9.90	Call			2,405.30000	2.40530	2,417,150	13.67	0.00	0	0
R2048	On	02/05/2019	Bond Future	9.90	Put			4,954.55000	4.95455	4,915,520	13.67	0.00	0	0
R2048	On	02/05/2019	Bond Future	9.91	Call			2,440.71000	2.44071	2,452,730	13.68	0.00	0	0
R2048	On	02/05/2019	Bond Future	9.91	Put			4,904.28000	4.90428	4,865,420	13.68	0.00	0	0
R2048	On	02/05/2019	Bond Future	9.89	Call			2,370.16000	2.37016	2,381,850	13.65	0.00	0	0
R2048	On	02/05/2019	Bond Future	9.89	Put			5,005.24000	5.00524	4,966,050	13.65	0.00	0	0
R2048	On	01/08/2019	Bond Future	10.35	Call			4,977.89000	4.97789	4,997,220	14.93	0.00	0	0
R2048	On	01/08/2019	Bond Future	10.35	Put			4,407.51000	4.40751	4,376,320	14.93	0.00	0	0
R2048	On	01/08/2019	Bond Future	10.36	Call			5,020.29000	5.02029	5,039,760	14.94	0.00	0	0
R2048	On	01/08/2019	Bond Future	10.36	Put			4,370.50000	4.37050	4,339,450	14.94	0.00	0	0
R2048	On	01/08/2019	Bond Future	10.34	Call			4,935.65000	4.93565	4,954,840	14.92	0.00	0	0
R2048	On	01/08/2019	Bond Future	10.34	Put			4,444.80000	4.44480	4,413,470	14.92	0.00	0	0
Total R2048 Option												0.00	0	0
Total For R2048												4,665,226,395.12	51,690	122,129
R207	On	01/11/2018	Bond Future			6.78915	102.75017	6.78297	102.75717		0.59	105,524,424.59	1,027	18,449
R207	On	07/02/2019	Bond Future			6.65099	101.08065	6.64307	101.08766		0.54	0.00	0	62
R207	On	02/05/2019	Bond Future			6.45166	102.76041	6.44111	102.76748		0.52	0.00	0	0
R207	On	01/08/2019	Bond Future			5.89374	100.98343	5.87394	100.99208		0.46	0.00	0	0
Total R207 Future												105,524,424.59	1,027	18,511
R207	On	01/11/2018	Bond Future	6.75	Call			16.05000	0.01605	12,580	0.46	0.00	0	0
R207	On	01/11/2018	Bond Future	6.75	Put			53.36000	0.05336	56,890	0.46	0.00	0	0
R207	On	01/11/2018	Bond Future	6.76	Call			20.25000	0.02025	16,290	0.47	0.00	0	0
R207	On	01/11/2018	Bond Future	6.76	Put			46.24000	0.04624	49,280	0.47	0.00	0	0
R207	On	01/11/2018	Bond Future	6.74	Call			12.97000	0.01297	9,940	0.46	0.00	0	0
R207	On	01/11/2018	Bond Future	6.74	Put			61.60000	0.06160	65,570	0.46	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R207	On	07/02/2019	Bond Future	6.52	Call			73.32000	0.07332	70,310	0.55	0.00	0	0
R207	On	07/02/2019	Bond Future	6.52	Put			182.41000	0.18241	186,410	0.55	0.00	0	0
R207	On	07/02/2019	Bond Future	6.53	Call			76.13000	0.07613	73,040	0.55	0.00	0	0
R207	On	07/02/2019	Bond Future	6.53	Put			176.35000	0.17635	180,270	0.55	0.00	0	0
R207	On	07/02/2019	Bond Future	6.51	Call			70.39000	0.07039	67,470	0.55	0.00	0	0
R207	On	07/02/2019	Bond Future	6.51	Put			188.35000	0.18835	192,440	0.55	0.00	0	0
R207	On	02/05/2019	Bond Future	7.61	Call			790.42000	0.79042	783,610	0.67	0.00	0	0
R207	On	02/05/2019	Bond Future	7.61	Put			12.23000	0.01223	12,490	0.67	0.00	0	0
R207	On	02/05/2019	Bond Future	7.62	Call			796.91000	0.79691	790,100	0.67	0.00	0	0
R207	On	02/05/2019	Bond Future	7.62	Put			12.10000	0.01210	12,360	0.67	0.00	0	0
R207	On	02/05/2019	Bond Future	7.63	Call			803.32000	0.80332	796,500	0.67	0.00	0	0
R207	On	02/05/2019	Bond Future	7.63	Put			11.90000	0.01190	12,150	0.67	0.00	0	0
R207	On	01/08/2019	Bond Future	7.34	Call			651.05000	0.65105	642,940	0.50	0.00	0	0
R207	On	01/08/2019	Bond Future	7.34	Put			14.63000	0.01463	15,170	0.50	0.00	0	0
R207	On	01/08/2019	Bond Future	7.35	Call			655.17000	0.65517	647,050	0.50	0.00	0	0
R207	On	01/08/2019	Bond Future	7.35	Put			14.44000	0.01444	14,970	0.50	0.00	0	0
R207	On	01/08/2019	Bond Future	7.33	Call			646.93000	0.64693	638,830	0.50	0.00	0	0
R207	On	01/08/2019	Bond Future	7.33	Put			14.83000	0.01483	15,380	0.50	0.00	0	0
Total R207 Option												0.00	0	0
Total For R207												105,524,424.59	1,027	18,511
R208	On	01/11/2018	Bond Future			7.72792	98.57170	7.69818	98.63490		1.74	1,653,835,982.60	16,778	26,401
R208	On	07/02/2019	Bond Future			7.80028	100.46674	7.76650	100.53108		1.78	1,689,448,699.84	16,816	14,112
R208	On	02/05/2019	Bond Future			7.86702	98.73670	7.82886	98.80205		1.92	0.00	0	0
R208	On	01/08/2019	Bond Future			7.94801	100.52753	7.90279	100.59547		1.95	0.00	0	0
Total R208 Future												3,343,284,682.44	33,594	40,513
R208	On	01/11/2018	Bond Future	7.10	Call			0.02000	0.00002	0,000	2.21	0.00	0	0
R208	On	01/11/2018	Bond Future	7.10	Put			1,282.20000	1.28220	1,345,380	2.21	0.00	0	0
R208	On	01/11/2018	Bond Future	7.11	Call			0.02000	0.00002	0,000	2.20	0.00	0	0
R208	On	01/11/2018	Bond Future	7.11	Put			1,260.59000	1.26059	1,323,770	2.20	0.00	0	0
R208	On	01/11/2018	Bond Future	7.12	Call			0.02000	0.00002	0,010	2.18	0.00	0	0
R208	On	01/11/2018	Bond Future	7.12	Put			1,238.99000	1.23899	1,302,180	2.18	0.00	0	0
R208	On	07/02/2019	Bond Future	7.07	Call			34.97000	0.03497	29,460	1.74	0.00	0	0
R208	On	07/02/2019	Bond Future	7.07	Put			1,373.68000	1.37368	1,432,510	1.74	0.00	0	0
R208	On	07/02/2019	Bond Future	7.08	Call			36.21000	0.03621	30,530	1.73	0.00	0	0
R208	On	07/02/2019	Bond Future	7.08	Put			1,355.54000	1.35554	1,414,200	1.73	0.00	0	0
R208	On	07/02/2019	Bond Future	7.06	Call			33.85000	0.03385	28,500	1.74	0.00	0	0
R208	On	07/02/2019	Bond Future	7.06	Put			1,391.95000	1.39195	1,450,940	1.74	0.00	0	0
R208	On	02/05/2019	Bond Future	8.03	Call			778.51000	0.77851	738,690	2.07	0.00	0	0
R208	On	02/05/2019	Bond Future	8.03	Put			434.67000	0.43467	460,200	2.07	0.00	0	0
R208	On	02/05/2019	Bond Future	8.04	Call			790.52000	0.79052	750,430	2.08	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R208	On	02/05/2019	Bond Future	8.04	Put			429.63000	0.42963	454,890	2.08	0.00	0	0
R208	On	02/05/2019	Bond Future	8.02	Call			766.55000	0.76655	727,010	2.06	0.00	0	0
R208	On	02/05/2019	Bond Future	8.02	Put			439.77000	0.43977	465,580	2.06	0.00	0	0
R208	On	01/08/2019	Bond Future	8.15	Put			534.86000	0.53486	562,230	2.00	0.00	0	0
R208	On	01/08/2019	Bond Future	8.16	Call			915.24000	0.91524	874,460	2.00	0.00	0	0
R208	On	01/08/2019	Bond Future	8.16	Put			529.63000	0.52963	556,790	2.00	0.00	0	0
R208	On	01/08/2019	Bond Future	8.17	Call			925.01000	0.92501	884,010	2.00	0.00	0	0
R208	On	01/08/2019	Bond Future	8.17	Put			524.45000	0.52445	551,390	2.00	0.00	0	0
R208	On	01/08/2019	Bond Future	8.15	Call			905.52000	0.90552	864,950	2.00	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												3,343,284,682.44	33,594	40,513
R209	On	01/11/2018	Bond Future			9.86880	70.81569	9.86458	70.84252		13.02	2,625,420,891.06	37,074	118,073
R209	On	07/02/2019	Bond Future			9.94801	72.17710	9.94366	72.20438		13.08	835,666,463.80	11,578	95,876
R209	On	02/05/2019	Bond Future			10.01611	70.22873	10.01164	70.25643		13.62	0.00	0	0
R209	On	01/08/2019	Bond Future			10.08990	71.50242	10.08513	71.53162		14.23	0.00	0	0
Total R209 Future												3,461,087,354.86	48,652	213,949
R209	On	01/11/2018	Bond Future	9.49	Call			27.29000	0.02729	19,670	12.14	0.00	0	0
R209	On	01/11/2018	Bond Future	9.49	Put			2,470.28000	2.47028	2,489,490	12.14	0.00	0	0
R209	On	01/11/2018	Bond Future	9.64	Put			1,576.15000	1.57615	1,580,880	12.43	0.00	0	0
R209	On	01/11/2018	Bond Future	9.64	Call			126.28000	0.12628	104,180	12.43	0.00	0	2,000
R209	On	01/11/2018	Bond Future	9.47	Call			21.59000	0.02159	15,220	12.11	0.00	0	0
R209	On	01/11/2018	Bond Future	9.47	Put			2,598.53000	2.59853	2,618,990	12.11	0.00	0	760
R209	On	01/11/2018	Bond Future	9.82	Call			466.38000	0.46638	424,980	12.75	0.00	0	0
R209	On	01/11/2018	Bond Future	9.82	Put			750.71000	0.75071	736,140	12.75	0.00	0	760
R209	On	01/11/2018	Bond Future	10.00	Put			271.99000	0.27199	253,110	13.02	0.00	0	5,850
R209	On	01/11/2018	Bond Future	10.00	Call			1,125.34000	1.12534	1,079,630	13.02	0.00	0	0
R209	On	01/11/2018	Bond Future	9.84	Call			523.61000	0.52361	480,820	12.78	0.00	0	0
R209	On	01/11/2018	Bond Future	9.84	Put			680.17000	0.68017	664,210	12.78	0.00	0	0
R209	On	01/11/2018	Bond Future	8.99	Put			5,903.19000	5.90319	5,930,010	11.86	0.00	0	0
R209	On	01/11/2018	Bond Future	8.99	Call			0.01000	0.00001	0,000	11.86	0.00	0	760
R209	On	01/11/2018	Bond Future	10.57	Call			4,282.79000	4.28279	4,255,240	14.14	0.00	0	0
R209	On	01/11/2018	Bond Future	10.57	Put			1.92000	0.00192	1,200	14.14	0.00	0	0
R209	On	01/11/2018	Bond Future	9.98	Call			1,037.19000	1.03719	991,100	12.99	0.00	0	0
R209	On	01/11/2018	Bond Future	9.98	Put			308.89000	0.30889	289,630	12.99	0.00	0	2,000
R209	On	01/11/2018	Bond Future	8.98	Put			5,974.83000	5.97483	6,001,650	11.86	0.00	0	0
R209	On	01/11/2018	Bond Future	8.98	Call			0.01000	0.00001	0,000	11.86	0.00	0	0
R209	On	01/11/2018	Bond Future	9.34	Put			3,460.29000	3.46029	3,485,580	11.95	0.00	0	0
R209	On	01/11/2018	Bond Future	9.34	Call			3.81000	0.00381	2,270	11.95	0.00	0	0
R209	On	01/11/2018	Bond Future	8.89	Put			6,623.97000	6.62397	6,650,800	11.86	0.00	0	0
R209	On	01/11/2018	Bond Future	8.89	Call			0.00000	0.00000	0,000	11.86	0.00	0	2,000

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R209	On	01/11/2018	Bond Future	9.97	Call			994.41000	0.99441	948,200	12.98	0.00	0	0
R209	On	01/11/2018	Bond Future	9.97	Put			328.77000	0.32877	309,390	12.98	0.00	0	0
R209	On	01/11/2018	Bond Future	1016.01	Call			69,954.65000	69.95465	69,927,820	15.06	0.00	0	0
R209	On	01/11/2018	Bond Future	1016.01	Put			0.00000	0.00000	0,000	15.06	0.00	0	0
R209	On	01/11/2018	Bond Future	1015.99	Call			69,954.64000	69.95464	69,927,810	15.06	0.00	0	0
R209	On	01/11/2018	Bond Future	1015.99	Put			0.00000	0.00000	0,000	15.06	0.00	0	0
R209	On	01/11/2018	Bond Future	9.94	Call			871.25000	0.87125	824,980	12.93	0.00	0	0
R209	On	01/11/2018	Bond Future	9.94	Put			394.08000	0.39408	374,640	12.93	0.00	0	0
R209	On	01/11/2018	Bond Future	1016.00	Call			69,954.65000	69.95465	69,927,820	15.06	0.00	0	0
R209	On	01/11/2018	Bond Future	1016.00	Put			0.00000	0.00000	0,000	15.06	0.00	0	0
R209	On	07/02/2019	Bond Future	8.97	Call			179.62000	0.17962	173,920	11.50	0.00	0	0
R209	On	07/02/2019	Bond Future	8.97	Put			6,702.37000	6.70237	6,723,950	11.50	0.00	0	0
R209	On	07/02/2019	Bond Future	8.95	Call			168.66000	0.16866	163,210	11.50	0.00	0	0
R209	On	07/02/2019	Bond Future	8.95	Put			6,834.55000	6.83455	6,856,380	11.50	0.00	0	0
R209	On	07/02/2019	Bond Future	10.20	Call			2,954.65000	2.95465	2,928,220	13.35	0.00	0	0
R209	On	07/02/2019	Bond Future	9.04	Call			226.59000	0.22659	219,860	11.55	0.00	0	4,000
R209	On	07/02/2019	Bond Future	10.20	Put			1,373.55000	1.37355	1,374,400	13.35	0.00	0	4,000
R209	On	07/02/2019	Bond Future	9.54	Put			3,545.61000	3.54561	3,556,440	12.41	0.00	0	0
R209	On	07/02/2019	Bond Future	9.54	Call			944.17000	0.94417	927,720	12.41	0.00	0	4,000
R209	On	07/02/2019	Bond Future	8.96	Call			174.07000	0.17407	168,490	11.50	0.00	0	0
R209	On	07/02/2019	Bond Future	8.96	Put			6,768.34000	6.76834	6,790,040	11.50	0.00	0	0
R209	On	07/02/2019	Bond Future	9.04	Put			6,251.41000	6.25141	6,271,960	11.55	0.00	0	0
R209	On	02/05/2019	Bond Future	9.70	Call			1,853.71000	1.85371	1,835,710	13.24	0.00	0	0
R209	On	02/05/2019	Bond Future	9.70	Put			3,826.17000	3.82617	3,835,870	13.24	0.00	0	0
R209	On	02/05/2019	Bond Future	9.68	Call			1,800.62000	1.80062	1,782,880	13.21	0.00	0	0
R209	On	02/05/2019	Bond Future	9.68	Put			3,902.45000	3.90245	3,912,410	13.21	0.00	0	0
R209	On	02/05/2019	Bond Future	9.69	Call			1,827.06000	1.82706	1,809,190	13.22	0.00	0	0
R209	On	02/05/2019	Bond Future	9.69	Put			3,864.16000	3.86416	3,873,990	13.22	0.00	0	0
R209	On	01/08/2019	Bond Future	10.17	Call			3,800.14000	3.80014	3,777,920	14.13	0.00	0	0
R209	On	01/08/2019	Bond Future	10.17	Put			3,283.27000	3.28327	3,290,250	14.13	0.00	0	0
R209	On	01/08/2019	Bond Future	10.15	Call			3,733.77000	3.73377	3,711,720	14.11	0.00	0	0
R209	On	01/08/2019	Bond Future	10.15	Put			3,338.19000	3.33819	3,345,340	14.11	0.00	0	0
R209	On	01/08/2019	Bond Future	10.16	Call			3,766.77000	3.76677	3,744,630	14.12	0.00	0	0
R209	On	01/08/2019	Bond Future	10.16	Put			3,310.51000	3.31051	3,317,570	14.12	0.00	0	0
Total R209 Option												0.00	0	26,130
Total For R209												3,461,087,354.86	48,652	240,079
R210	On	01/11/2018	Bond Future			186.20606	186.20606	186.02345	186.02345			0.00	0	1,706
R210	On	07/02/2019	Bond Future			189.83326	189.83326	189.64702	189.64702			0.00	0	1,238
R210	On	02/05/2019	Bond Future			190.46181	190.46181	190.27232	190.27232			0.00	0	0
R210	On	01/08/2019	Bond Future			193.95363	193.95363	193.76253	193.76253			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total R210 Future										0.00	0	2,944
Total For R210										0.00	0	2,944
R212 On 01/11/2018 Bond Future			155.63429	155.63429	155.65913	155.65913				0.00	0	2,920
R212 On 07/02/2019 Bond Future			156.51094	156.51094	156.53613	156.53613				0.00	0	1,526
R212 On 02/05/2019 Bond Future			159.13543	159.13543	159.16086	159.16086				0.00	0	0
R212 On 01/08/2019 Bond Future			161.98192	161.98192	162.00947	162.00947				0.00	0	0
Total R212 Future										0.00	0	4,446
Total For R212										0.00	0	4,446
R213 On 01/11/2018 Bond Future			9.67502	82.26440	9.66587	82.32078		10.62	1,546,488,455.60		18,799	26,421
R213 On 07/02/2019 Bond Future			9.76556	83.84594	9.75607	83.90333		10.62	1,575,381,366.66		18,789	17,711
R213 On 02/05/2019 Bond Future			9.83958	81.69219	9.82980	81.75044		11.05	0.00		0	0
R213 On 01/08/2019 Bond Future			9.92160	83.17393	9.91128	83.23435		11.48	0.00		0	0
Total R213 Future									3,121,869,822.26		37,588	44,132
R213 On 01/11/2018 Bond Future	8.65	Call			0.00000	0.00000	0,000	9.73	0.00		0	0
R213 On 01/11/2018 Bond Future	8.65	Put			6,605.44000	6.60544	6,661,820	9.73	0.00		0	0
R213 On 01/11/2018 Bond Future	8.66	Call			0.00000	0.00000	0,000	9.73	0.00		0	0
R213 On 01/11/2018 Bond Future	8.66	Put			6,536.94000	6.53694	6,593,320	9.73	0.00		0	0
R213 On 01/11/2018 Bond Future	8.64	Call			0.00000	0.00000	0,000	9.73	0.00		0	0
R213 On 01/11/2018 Bond Future	8.64	Put			6,674.01000	6.67401	6,730,390	9.73	0.00		0	0
R213 On 07/02/2019 Bond Future	8.69	Call			126.38000	0.12638	119,970	9.46	0.00		0	0
R213 On 07/02/2019 Bond Future	8.69	Put			6,940.93000	6.94093	6,991,910	9.46	0.00		0	0
R213 On 07/02/2019 Bond Future	8.70	Call			130.58000	0.13058	124,010	9.46	0.00		0	0
R213 On 07/02/2019 Bond Future	8.70	Put			6,877.68000	6.87768	6,928,500	9.46	0.00		0	0
R213 On 07/02/2019 Bond Future	8.68	Call			122.29000	0.12229	116,050	9.46	0.00		0	0
R213 On 07/02/2019 Bond Future	8.68	Put			7,004.36000	7.00436	7,055,510	9.46	0.00		0	0
R213 On 02/05/2019 Bond Future	9.49	Call			1,682.72000	1.68272	1,653,720	10.79	0.00		0	0
R213 On 02/05/2019 Bond Future	9.49	Put			3,742.28000	3.74228	3,771,530	10.79	0.00		0	0
R213 On 02/05/2019 Bond Future	9.50	Call			1,708.01000	1.70801	1,678,760	10.80	0.00		0	0
R213 On 02/05/2019 Bond Future	9.50	Put			3,705.95000	3.70595	3,734,950	10.80	0.00		0	0
R213 On 02/05/2019 Bond Future	9.48	Call			1,657.87000	1.65787	1,629,110	10.78	0.00		0	0
R213 On 02/05/2019 Bond Future	9.48	Put			3,779.12000	3.77912	3,808,610	10.78	0.00		0	0
R213 On 01/08/2019 Bond Future	9.99	Call			3,577.09000	3.57709	3,538,540	11.47	0.00		0	0
R213 On 01/08/2019 Bond Future	9.99	Put			3,117.81000	3.11781	3,139,680	11.47	0.00		0	0
R213 On 01/08/2019 Bond Future	10.00	Call			3,609.80000	3.60980	3,571,080	11.48	0.00		0	0
R213 On 01/08/2019 Bond Future	10.00	Put			3,092.43000	3.09243	3,114,130	11.48	0.00		0	0
R213 On 01/08/2019 Bond Future	9.98	Call			3,544.51000	3.54451	3,506,120	11.46	0.00		0	0
R213 On 01/08/2019 Bond Future	9.98	Put			3,143.38000	3.14338	3,165,410	11.46	0.00		0	0
Total R213 Option									0.00		0	0
Total For R213									3,121,869,822.26		37,588	44,132

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R214	On	01/11/2018	Bond Future			10.02405	69.99233	10.02487	69.98693		13.89	898,911,494.19	12,843	22,092
R214	On	07/02/2019	Bond Future			10.10554	71.33795	10.10639	71.33243		13.96	943,515,726.70	13,226	15,733
R214	On	02/05/2019	Bond Future			10.17172	69.22967	10.17261	69.22395		14.52	0.00	0	0
R214	On	01/08/2019	Bond Future			10.24441	70.48535	10.24517	70.48053		15.20	0.00	0	0
Total R214 Future												1,842,427,220.89	26,069	37,825
R214	On	01/11/2018	Bond Future	8.99	Call			0.00000	0.00000	0,000	12.56	0.00	0	0
R214	On	01/11/2018	Bond Future	8.99	Put			7,394.38000	7.39438	7,388,980	12.56	0.00	0	0
R214	On	01/11/2018	Bond Future	9.00	Call			0.00000	0.00000	0,000	12.56	0.00	0	0
R214	On	01/11/2018	Bond Future	9.00	Put			7,316.98000	7.31698	7,311,580	12.56	0.00	0	0
R214	On	01/11/2018	Bond Future	8.98	Call			0.00000	0.00000	0,000	12.56	0.00	0	0
R214	On	01/11/2018	Bond Future	8.98	Put			7,471.89000	7.47189	7,466,490	12.56	0.00	0	0
R214	On	07/02/2019	Bond Future	9.04	Call			137.79000	0.13779	135,300	12.12	0.00	0	0
R214	On	07/02/2019	Bond Future	9.04	Put			7,666.14000	7.66614	7,658,130	12.12	0.00	0	0
R214	On	07/02/2019	Bond Future	9.05	Call			142.45000	0.14245	139,910	12.12	0.00	0	0
R214	On	07/02/2019	Bond Future	9.05	Put			7,594.20000	7.59420	7,586,140	12.12	0.00	0	0
R214	On	07/02/2019	Bond Future	9.03	Call			133.25000	0.13325	130,820	12.12	0.00	0	0
R214	On	07/02/2019	Bond Future	9.03	Put			7,738.32000	7.73832	7,730,370	12.12	0.00	0	0
R214	On	02/05/2019	Bond Future	9.86	Call			1,930.17000	1.93017	1,925,390	13.98	0.00	0	0
R214	On	02/05/2019	Bond Future	9.86	Put			3,986.51000	3.98651	3,976,010	13.98	0.00	0	0
R214	On	02/05/2019	Bond Future	9.87	Call			1,957.93000	1.95793	1,953,150	14.00	0.00	0	0
R214	On	02/05/2019	Bond Future	9.87	Put			3,946.96000	3.94696	3,936,460	14.00	0.00	0	0
R214	On	02/05/2019	Bond Future	9.85	Call			1,902.43000	1.90243	1,897,650	13.97	0.00	0	0
R214	On	02/05/2019	Bond Future	9.85	Put			4,026.19000	4.02619	4,015,690	13.97	0.00	0	0
R214	On	01/08/2019	Bond Future	10.33	Call			4,040.84000	4.04084	4,036,840	15.29	0.00	0	0
R214	On	01/08/2019	Bond Future	10.33	Put			3,506.01000	3.50601	3,497,190	15.29	0.00	0	0
R214	On	01/08/2019	Bond Future	10.34	Call			4,074.65000	4.07465	4,070,670	15.30	0.00	0	0
R214	On	01/08/2019	Bond Future	10.34	Put			3,477.22000	3.47722	3,468,420	15.30	0.00	0	0
R214	On	01/08/2019	Bond Future	10.32	Call			4,007.39000	4.00739	4,003,380	15.28	0.00	0	0
R214	On	01/08/2019	Bond Future	10.32	Put			3,535.25000	3.53525	3,526,420	15.28	0.00	0	0
Total R214 Option												0.00	0	0
Total For R214												1,842,427,220.89	26,069	37,825
Total for Bond												48,569,676,450.21	536,157	1,149,230
E170	On	01/08/2021	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total E170 Future												0.00	0	0
Total For E170												0.00	0	0
ES23	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES23 Future												0.00	0	0
Total For ES23												0.00	0	0
ES23A	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ES23A Future										0.00	0	0
Total For ES23A										0.00	0	0
ES26 On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26 Future										0.00	0	0
Total For ES26										0.00	0	0
ES26A On 02/04/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26A Future										0.00	0	0
Total For ES26A										0.00	0	0
ES33 On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33 Future										0.00	0	0
Total For ES33										0.00	0	0
ES33A On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33A Future										0.00	0	0
Total For ES33A										0.00	0	0
ES42 On 25/04/2042 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES42 Future										0.00	0	0
Total For ES42										0.00	0	0
I2025 On 31/01/2025 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2025 Future										0.00	0	0
Total For I2025										0.00	0	0
I2033 On 14/08/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
I2033 On 28/02/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2033 Future										0.00	0	0
Total For I2033										0.00	0	0
I2038 On 31/01/2038 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2038 Future										0.00	0	0
Total For I2038										0.00	0	0
I2046 On 31/03/2046 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2046 Future										0.00	0	0
Total For I2046										0.00	0	0
I2050 On 31/12/2050 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2050 Future										0.00	0	0
Total For I2050										0.00	0	0
R186 On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186 Future										0.00	0	0
Total For R186										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R186/R207 Future									0.00	0	0
Total For R186/R207									0.00	0	0
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R186/R208 Future									0.00	0	0
Total For R186/R208									0.00	0	0
R197 On 07/12/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R197 Future									0.00	0	0
Total For R197									0.00	0	0
R202 On 07/12/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R202 Future									0.00	0	0
Total For R202									0.00	0	0
R2023 On 28/02/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2023 Future									0.00	0	0
Total For R2023									0.00	0	0
R2030 On 31/01/2030 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2030 Future									0.00	0	0
Total For R2030									0.00	0	0
R2032 On 31/03/2032 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2032 Future									0.00	0	0
Total For R2032									0.00	0	0
R2035 On 28/02/2035 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2035 Future									0.00	0	0
Total For R2035									0.00	0	0
R2037 On 31/01/2037 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2037 Future									0.00	0	0
Total For R2037									0.00	0	0
R204 On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R204 Future									0.00	0	0
Total For R204									0.00	0	0
R204/R On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R204/R203 Future									0.00	0	0
Total For R204/R203									0.00	0	0
R2040 On 06/10/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
R2040 On 31/01/2040 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R2040 Future									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For R2040										0.00	0	0
R2044 On 31/01/2044 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2044 Future										0.00	0	0
Total For R2044										0.00	0	0
R2048 On 28/02/2048 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2048 Future										0.00	0	0
Total For R2048										0.00	0	0
R207 On 15/01/2020 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R207 Future										0.00	0	0
Total For R207										0.00	0	0
R207/R On 15/01/2020 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R207/R203 Future										0.00	0	0
Total For R207/R203										0.00	0	0
R208 On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208 Future										0.00	0	0
Total For R208										0.00	0	0
R208/R On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208/R204 Future										0.00	0	0
Total For R208/R204										0.00	0	0
R208/R On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208/R207 Future										0.00	0	0
Total For R208/R207										0.00	0	0
R209 On 31/03/2036 Price Contribution			6.25000	6.25000	6.25000	6.25000				0.00	0	0
Total R209 Future										0.00	0	0
Total For R209										0.00	0	0
R209/R On 31/03/2036 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R209/R186 Future										0.00	0	0
Total For R209/R186										0.00	0	0
R209/R On 31/03/2036 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R209/R204 Future										0.00	0	0
Total For R209/R204										0.00	0	0
R209/R On 31/03/2036 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R209/R208 Future										0.00	0	0
Total For R209/R208										0.00	0	0
R210 On 31/03/2028 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R210 Future										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For R210									0.00	0	0
R212 On 31/01/2022 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R212 Future									0.00	0	0
Total For R212									0.00	0	0
R213 On 28/02/2031 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R213 Future									0.00	0	0
Total For R213									0.00	0	0
R213/R On 28/02/2031 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R213/R186 Future									0.00	0	0
Total For R213/R186									0.00	0	0
R214 On 28/02/2041 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R214 Future									0.00	0	0
Total For R214									0.00	0	0
R214/R On 28/02/2041 Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R214/R209 Future									0.00	0	0
Total For R214/R209									0.00	0	0
Total for Price Contribution									0.00	0	0
GOVI On 01/11/2018 GOVI			608.60800	608.60800	608.72700	608.72700			0.00	0	105
GOVI On 07/02/2019 GOVI			620.30900	620.30900	620.42900	620.42900			0.00	0	357
GOVI On 02/05/2019 GOVI			630.61900	630.61900	630.74100	630.74100			0.00	0	0
GOVI On 01/08/2019 GOVI			642.06200	642.06200	642.19500	642.19500			0.00	0	0
Total GOVI Future									0.00	0	462
GOVI On 01/11/2018 GOVI	653.50	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 01/11/2018 GOVI	653.50	Put			447,730.00000	44.77300	448,920,000		0.00	0	0
GOVI On 01/11/2018 GOVI	653.51	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 01/11/2018 GOVI	653.51	Put			447,830.00000	44.78300	449,020,000		0.00	0	0
GOVI On 01/11/2018 GOVI	653.49	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 01/11/2018 GOVI	653.49	Put			447,630.00000	44.76300	448,820,000		0.00	0	0
GOVI On 07/02/2019 GOVI	666.52	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 07/02/2019 GOVI	666.52	Put			460,910.00000	46.09100	462,110,000		0.00	0	0
GOVI On 07/02/2019 GOVI	666.53	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 07/02/2019 GOVI	666.53	Put			461,010.00000	46.10100	462,210,000		0.00	0	0
GOVI On 07/02/2019 GOVI	666.51	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 07/02/2019 GOVI	666.51	Put			460,810.00000	46.08100	462,010,000		0.00	0	0
GOVI On 02/05/2019 GOVI	647.86	Put			171,190.00000	17.11900	172,410,000		0.00	0	0
GOVI On 02/05/2019 GOVI	647.87	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 02/05/2019 GOVI	647.87	Put			171,290.00000	17.12900	172,510,000		0.00	0	0
GOVI On 02/05/2019 GOVI	647.88	Call			0.00000	0.00000	0,000		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
GOVI	On	02/05/2019	GOVI	647.88	Put			171,390.00000	17.13900	172,610,000		0.00	0	0
GOVI	On	02/05/2019	GOVI	647.86	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	01/08/2019	GOVI	638.68	Call			35,150.00000	3.51500	33,820,000		0.00	0	0
GOVI	On	01/08/2019	GOVI	638.68	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	01/08/2019	GOVI	638.69	Call			35,050.00000	3.50500	33,720,000		0.00	0	0
GOVI	On	01/08/2019	GOVI	638.69	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	01/08/2019	GOVI	638.67	Call			35,250.00000	3.52500	33,920,000		0.00	0	0
GOVI	On	01/08/2019	GOVI	638.67	Put			0.00000	0.00000	0,000		0.00	0	0
Total GOVI Option												0.00	0	0
Total For GOVI												0.00	0	462
Total for GOVI												0.00	0	462
AL37	On	01/11/2018	Index Future			589.89100	589.89100	590.18200	590.18200			0.00	0	0
AL37	On	07/02/2019	Index Future			601.23200	601.23200	601.52800	601.52800			0.00	0	0
AL37	On	02/05/2019	Index Future			611.22500	611.22500	611.52600	611.52600			0.00	0	0
AL37	On	01/08/2019	Index Future			622.31600	622.31600	622.63000	622.63000			0.00	0	0
Total AL37 Future												0.00	0	0
Total For AL37												0.00	0	0
AL7T	On	01/11/2018	Index Future			679.55600	679.55600	679.91200	679.91200			0.00	0	0
AL7T	On	07/02/2019	Index Future			692.62100	692.62100	692.98300	692.98300			0.00	0	0
AL7T	On	02/05/2019	Index Future			704.13300	704.13300	704.50100	704.50100			0.00	0	0
AL7T	On	01/08/2019	Index Future			716.90900	716.90900	717.29300	717.29300			0.00	0	0
Total AL7T Future												0.00	0	0
Total For AL7T												0.00	0	0
ALBI	On	01/11/2018	Index Future			614.65300	614.65300	614.79300	614.79300			614,653,000.00	100	490
ALBI	On	07/02/2019	Index Future			626.47000	626.47000	626.61300	626.61300			626,470,000.00	100	748
ALBI	On	02/05/2019	Index Future			636.88300	636.88300	637.02700	637.02700			0.00	0	0
ALBI	On	01/08/2019	Index Future			648.43900	648.43900	648.59500	648.59500			0.00	0	0
Total ALBI Future												1,241,123,000.00	200	1,238
Total For ALBI												1,241,123,000.00	200	1,238
IGOV	On	01/11/2018	Index Future			254.06300	254.06300	253.85400	253.85400			25,406,300.00	10	407
IGOV	On	07/02/2019	Index Future			259.01200	259.01200	258.79900	258.79900			0.00	0	414
IGOV	On	02/05/2019	Index Future			263.35600	263.35600	263.13900	263.13900			0.00	0	0
IGOV	On	01/08/2019	Index Future			268.18600	268.18600	267.96700	267.96700			0.00	0	0
Total IGOV Future												25,406,300.00	10	821
Total For IGOV												25,406,300.00	10	821
Total for Index												1,266,529,300.00	210	2,059
JIBAR	f	On 19/12/2018	Jibar Future			7.01000	92.99000	7.01000	92.99000			0.00	0	35,000
JIBAR	f	On 20/03/2019	Jibar Future			7.01000	92.99000	7.01000	92.99000			0.00	0	0
JIBAR	f	On 19/06/2019	Jibar Future			7.03000	92.97000	7.03000	92.97000			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total Jibar Future										0.00	0	35,000
Total For JIBAR FUTURE										0.00	0	35,000
Total for Jibar										0.00	0	35,000
5Y STN On 21/12/2021 Interest Rate Swap			98.06000	98.06000	98.08000	98.08000				0.00	0	51
Total 5Y STND Future										0.00	0	51
Total For 5Y STND										0.00	0	51
Total for Interest Rate Swap										0.00	0	51
Total for Derivatives :										49,836,205,750.21	536,367	1,186,802
AA05 On 22/03/2019 Spot Bond			7.65500	101.50561	7.65500	101.48496				290,890,000,000.00	38,000,000	19,000,000
Total AA05 SPOT										290,890,000,000.00	38,000,000	19,000,000
Total For AA05										290,890,000,000.00	38,000,000	19,000,000
AA06 On 15/04/2021 Spot Bond				100.00000	0.00000	99.45981				0.00	0	0
Total AA06 SPOT										0.00	0	0
Total For AA06										0.00	0	0
AA06/JI On 15/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AA06/JIBAR SPOT										0.00	0	0
Total For AA06/JIBAR										0.00	0	0
AA07 On 15/04/2021 Spot Bond			9.49000	100.28058	9.49000	100.25504				0.00	0	250,000,000
Total AA07 SPOT										0.00	0	250,000,000
Total For AA07										0.00	0	250,000,000
AB01/R On 24/11/2020 Spot Bond			10.00000	111.20600	10.00000	111.17700				0.00	0	0
Total AB01/R186 SPOT										0.00	0	0
Total For AB01/R186										0.00	0	0
AB011 On 21/11/2018 Spot Bond					0.00000	101.69007				0.00	0	0
Total AB011 SPOT										0.00	0	0
Total For AB011										0.00	0	0
AB013 On 21/11/2018 Spot Bond			7.13500	103.62085	7.13500	103.60070				0.00	0	1,500,000,000
Total AB013 SPOT										0.00	0	1,500,000,000
Total For AB013										0.00	0	1,500,000,000
AB014L On 19/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB014U SPOT										0.00	0	0
Total For AB014U										0.00	0	0
AB015L On 19/11/2019 Spot Bond			10.84000	104.68964	10.84000	104.65961				0.00	0	0
Total AB015U SPOT										0.00	0	0
Total For AB015U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
AB016L On 05/02/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB016U SPOT										0.00	0	0
Total For AB016U										0.00	0	0
AB017L On 05/02/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB017U SPOT										0.00	0	0
Total For AB017U										0.00	0	0
AB018L On 04/09/2020 Spot Bond			11.37000	101.59234	11.37000	101.56131				0.00	0	0
Total AB018U SPOT										0.00	0	0
Total For AB018U										0.00	0	0
AB019L On 04/09/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB019U SPOT										0.00	0	0
Total For AB019U										0.00	0	0
AB020L On 03/09/2022 Spot Bond			11.81000	101.69416	11.81000	101.66192				0.00	0	0
Total AB020U SPOT										0.00	0	0
Total For AB020U										0.00	0	0
AB021L On 03/09/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB021U SPOT										0.00	0	0
Total For AB021U										0.00	0	0
AB023L On 05/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB023U SPOT										0.00	0	0
Total For AB023U										0.00	0	0
AB024L On 05/05/2021 Spot Bond			100.00000	23.43960	100.00000	29.45417				0.00	0	0
Total AB024U SPOT										0.00	0	0
Total For AB024U										0.00	0	0
AB025L On 20/08/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB025U SPOT										0.00	0	0
Total For AB025U										0.00	0	0
AB026L On 20/08/2021 Spot Bond			100.00000	22.58905	100.00000	22.53933				0.00	0	0
Total AB026U SPOT										0.00	0	0
Total For AB026U										0.00	0	0
AB028L On 17/03/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB028U SPOT										0.00	0	0
Total For AB028U										0.00	0	0
AB029L On 25/05/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB029U SPOT										0.00	0	0
Total For AB029U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
AB030L On 14/08/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB030U SPOT										0.00	0	0
Total For AB030U										0.00	0	0
AB031L On 30/09/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB031U SPOT										0.00	0	0
Total For AB031U										0.00	0	0
AB032L On 29/09/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total AB032U SPOT										0.00	0	0
Total For AB032U										0.00	0	0
ABC12: On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total ABC1234/R2022 SPOT										0.00	0	0
Total For ABC1234/R2022										0.00	0	0
ABCPI3 On 07/12/2023 Spot Bond			4.96000	4.96000	4.96000	274.90046				0.00	0	0
Total ABCPI3 SPOT										0.00	0	0
Total For ABCPI3										0.00	0	0
ABF19L On 21/04/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ABF19U SPOT										0.00	0	0
Total For ABF19U										0.00	0	0
ABFN08 On 17/03/2020 Spot Bond					0.00000	101.90232				0.00	0	0
Total ABFN08 SPOT										0.00	0	0
Total For ABFN08										0.00	0	0
ABFN09 On 17/03/2026 Spot Bond					0.00000	101.05431				0.00	0	0
Total ABFN09 SPOT										0.00	0	0
Total For ABFN09										0.00	0	0
ABFN10 On 28/10/2019 Spot Bond					0.00000	99.96719				0.00	0	0
Total ABFN10 SPOT										0.00	0	0
Total For ABFN10										0.00	0	0
ABFN12 On 09/04/2019 Spot Bond					0.00000	100.55907				0.00	280,000,000	140,000,000
Total ABFN12 SPOT										0.00	280,000,000	140,000,000
Total For ABFN12										0.00	280,000,000	140,000,000
ABFN13 On 14/05/2020 Spot Bond					0.00000	102.52904				0.00	0	0
Total ABFN13 SPOT										0.00	0	0
Total For ABFN13										0.00	0	0
ABFN14 On 14/05/2022 Spot Bond					0.00000	101.72992				0.00	0	0
Total ABFN14 SPOT										0.00	0	0
Total For ABFN14										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABFN1: On 11/11/2020 Spot Bond					0.00000	102.52442				0.00	0	0
Total ABFN15 SPOT										0.00	0	0
Total For ABFN15										0.00	0	0
ABFN1: On 11/11/2022 Spot Bond					0.00000	103.09081				0.00	0	0
Total ABFN16 SPOT										0.00	0	0
Total For ABFN16										0.00	0	0
ABFN1: On 17/05/2019 Spot Bond					0.00000	101.68655				0.00	0	0
Total ABFN17 SPOT										0.00	0	0
Total For ABFN17										0.00	0	0
ABFN1: On 26/09/2023 Spot Bond					0.00000	102.59673				0.00	0	0
Total ABFN18 SPOT										0.00	0	0
Total For ABFN18										0.00	0	0
ABFN2: On 30/05/2020 Spot Bond					0.00000	101.51013				0.00	0	0
Total ABFN20 SPOT										0.00	0	0
Total For ABFN20										0.00	0	0
ABFN2: On 30/05/2022 Spot Bond					0.00000	102.55602				0.00	8,400,000,000	4,200,000,000
Total ABFN21 SPOT										0.00	8,400,000,000	4,200,000,000
Total For ABFN21										0.00	8,400,000,000	4,200,000,000
ABFN2: On 30/05/2024 Spot Bond					0.00000	102.66713				0.00	0	0
Total ABFN22 SPOT										0.00	0	0
Total For ABFN22										0.00	0	0
ABFN2: On 25/05/2027 Spot Bond					0.00000	103.89928				0.00	2,000,000,000	1,000,000,000
Total ABFN23 SPOT										0.00	2,000,000,000	1,000,000,000
Total For ABFN23										0.00	2,000,000,000	1,000,000,000
ABFN2: On 17/10/2020 Spot Bond					0.00000	100.45280				0.00	0	0
Total ABFN24 SPOT										0.00	0	0
Total For ABFN24										0.00	0	0
ABFN2: On 17/10/2024 Spot Bond					0.00000	100.19258				0.00	0	0
Total ABFN25 SPOT										0.00	0	0
Total For ABFN25										0.00	0	0
ABFN2: On 17/10/2029 Spot Bond					0.00000	100.20105				0.00	0	0
Total ABFN26 SPOT										0.00	0	0
Total For ABFN26										0.00	0	0
ABFN2: On 29/08/2021 Spot Bond					0.00000	101.27998				0.00	0	0
Total ABFN27 SPOT										0.00	0	0
Total For ABFN27										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABFN2 On 29/08/2023 Spot Bond					0.00000	101.31875				0.00	0	0
Total ABFN28 SPOT										0.00	0	0
Total For ABFN28										0.00	0	0
ABFN2 On 29/08/2025 Spot Bond					0.00000	101.34192				0.00	0	0
Total ABFN29 SPOT										0.00	0	0
Total For ABFN29										0.00	0	0
ABFN3 On 29/08/2028 Spot Bond					0.00000	101.37282				0.00	0	0
Total ABFN30 SPOT										0.00	0	0
Total For ABFN30										0.00	0	0
ABK1 On 07/11/2018 Spot Bond			8.18500	8.18500	8.18500	105.44261				0.00	0	0
Total ABK1 SPOT										0.00	0	0
Total For ABK1										0.00	0	0
ABK10 On 14/02/2020 Spot Bond					0.00000	102.91495				0.00	0	0
Total ABK10 SPOT										0.00	0	0
Total For ABK10										0.00	0	0
ABK11 On 20/05/2019 Spot Bond					0.00000	101.98779				0.00	0	0
Total ABK11 SPOT										0.00	0	0
Total For ABK11										0.00	0	0
ABK12 On 20/05/2022 Spot Bond					0.00000	96.41867				0.00	0	300,000,000
Total ABK12 SPOT										0.00	0	300,000,000
Total For ABK12										0.00	0	300,000,000
ABK3 On 07/11/2018 Spot Bond					0.00000	102.23699				0.00	0	0
Total ABK3 SPOT										0.00	0	0
Total For ABK3										0.00	0	0
ABK3/J On 07/11/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ABK3/JIBAR SPOT										0.00	0	0
Total For ABK3/JIBAR										0.00	0	0
ABK5 On 31/10/2018 Spot Bond				100.00000	0.00000	99.85958				0.00	0	0
Total ABK5 SPOT										0.00	0	0
Total For ABK5										0.00	0	0
ABK5/J On 31/10/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ABK5/JIBAR SPOT										0.00	0	0
Total For ABK5/JIBAR										0.00	0	0
ABK6 On 05/06/2020 Spot Bond					0.00000	101.31489				0.00	0	0
Total ABK6 SPOT										0.00	0	0
Total For ABK6										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABK7 On 03/06/2019 Spot Bond					0.00000	100.77346				0.00	0	0
Total ABK7 SPOT										0.00	0	0
Total For ABK7										0.00	0	0
ABK8 On 03/06/2021 Spot Bond					0.00000	97.59512				0.00	0	0
Total ABK8 SPOT										0.00	0	0
Total For ABK8										0.00	0	0
ABK9 On 18/11/2019 Spot Bond					0.00000	100.28767				0.00	0	0
Total ABK9 SPOT										0.00	0	0
Total For ABK9										0.00	0	0
ABKI01 On 07/11/2018 Spot Bond			4.96000	4.96000	4.96000	160.64228				0.00	0	0
Total ABKI01 SPOT										0.00	0	0
Total For ABKI01										0.00	0	0
ABKI02 On 05/06/2020 Spot Bond			6.32000	6.32000	6.32000	142.86439				0.00	0	0
Total ABKI02 SPOT										0.00	0	0
Total For ABKI02										0.00	0	0
ABKI02 On 05/06/2020 Spot Bond			100.00000	36.42925	100.00000	36.33889				0.00	0	0
Total ABKI02/R212 SPOT										0.00	0	0
Total For ABKI02/R212										0.00	0	0
ABKI03 On 13/10/2021 Spot Bond			7.55000	7.55000	7.55000	120.22409				0.00	0	0
Total ABKI03 SPOT										0.00	0	0
Total For ABKI03										0.00	0	0
ABKI03 On 13/10/2021 Spot Bond			100.00000	13.91613	100.00000	13.88145				0.00	0	0
Total ABKI03/R212 SPOT										0.00	0	0
Total For ABKI03/R212										0.00	0	0
ABKI04 On 13/03/2024 Spot Bond			9.27000	9.27000	9.27000	113.04521				0.00	0	0
Total ABKI04 SPOT										0.00	0	0
Total For ABKI04										0.00	0	0
ABKI04 On 13/03/2024 Spot Bond			100.00000	8.70337	100.00000	8.68156				0.00	0	0
Total ABKI04/I2025 SPOT										0.00	0	0
Total For ABKI04/I2025										0.00	0	0
ABKS1 On 05/04/2021 Spot Bond					0.00000	90.48835				0.00	20,787,689	1,000,000,000
Total ABKS1 SPOT										0.00	20,787,689	1,000,000,000
Total For ABKS1										0.00	20,787,689	1,000,000,000
ABN05 On 18/04/2021 Spot Bond			4.17000	193.45947	4.17000	193.38569				0.00	0	0
Total ABN05 SPOT										0.00	0	0
Total For ABN05										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABN61 On 31/01/2025 Spot Bond			3.92000	3.92000	3.92000	125.40108				0.00	0	0
Total ABN61 SPOT										0.00	0	0
Total For ABN61										0.00	0	0
ABN62 On 31/03/2028 Spot Bond			3.75000	3.75000	3.75000	174.62469				0.00	0	0
Total ABN62 SPOT										0.00	0	0
Total For ABN62										0.00	0	0
ABN63 On 07/12/2033 Spot Bond			3.70000	3.70000	3.70000	219.25509				0.00	0	0
Total ABN63 SPOT										0.00	0	0
Total For ABN63										0.00	0	0
ABN67 On 28/02/2023 Spot Bond			10.10500	10.10500	10.10500	93.03311				0.00	0	0
Total ABN67 SPOT										0.00	0	0
Total For ABN67										0.00	0	0
ABN79 On 21/12/2026 Spot Bond			10.55000	10.55000	10.55000	103.31670				0.00	0	0
Total ABN79 SPOT										0.00	0	0
Total For ABN79										0.00	0	0
ABN80 On 31/03/2021 Spot Bond			8.86500	8.86500	8.86500	95.91859				0.00	0	0
Total ABN80 SPOT										0.00	0	0
Total For ABN80										0.00	0	0
ABN87 On 21/12/2026 Spot Bond			11.09500	11.09500	11.09500	100.44438				0.00	0	0
Total ABN87 SPOT										0.00	0	0
Total For ABN87										0.00	0	0
ABN91 On 11/12/2018 Spot Bond					0.00000	101.08513				0.00	0	0
Total ABN91 SPOT										0.00	0	0
Total For ABN91										0.00	0	0
ABN92 On 31/01/2019 Spot Bond					0.00000	99.86191				0.00	0	0
Total ABN92 SPOT										0.00	0	0
Total For ABN92										0.00	0	0
ABS11 On 09/04/2021 Spot Bond			8.89000	101.59900	8.89000	101.57473				0.00	0	620,000,000
Total ABS11 SPOT										0.00	0	620,000,000
Total For ABS11										0.00	0	620,000,000
ABS12 On 14/05/2020 Spot Bond			8.24500	105.59369	8.24500	105.57051				0.00	0	25,000,000
Total ABS12 SPOT										0.00	0	25,000,000
Total For ABS12										0.00	0	25,000,000
ABS12/ On 14/05/2020 Spot Bond			9.20000	104.22716	9.20000	104.20169				0.00	0	0
Total ABS12/R207 SPOT										0.00	0	0
Total For ABS12/R207										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABS13 On 14/05/2022 Spot Bond			9.57000	104.63742	9.57000	104.61084			0.00	0	23,000,000
Total ABS13 SPOT									0.00	0	23,000,000
Total For ABS13									0.00	0	23,000,000
ABS14 On 11/11/2020 Spot Bond			8.49500	105.71945	8.49500	105.69555			0.00	0	0
Total ABS14 SPOT									0.00	0	0
Total For ABS14									0.00	0	0
ABS15 On 11/11/2022 Spot Bond			9.38500	105.70358	9.38500	105.67723			0.00	0	0
Total ABS15 SPOT									0.00	0	0
Total For ABS15									0.00	0	0
ABS16 On 11/11/2025 Spot Bond			10.10500	106.17196	10.10500	106.14352			0.00	0	0
Total ABS16 SPOT									0.00	0	0
Total For ABS16									0.00	0	0
ABS17 On 11/11/2027 Spot Bond			10.24500	107.10901	10.24500	107.07994			0.00	0	1,500,000,000
Total ABS17 SPOT									0.00	0	1,500,000,000
Total For ABS17									0.00	0	1,500,000,000
ABS18 On 26/09/2023 Spot Bond			9.95500	100.36030	9.95500	100.33337			0.00	0	0
Total ABS18 SPOT									0.00	0	0
Total For ABS18									0.00	0	0
ABS6 On 01/06/2020 Spot Bond			7.67500	104.05701	7.67500	104.03559		122,800,000,000.00		16,000,000	348,000,000
Total ABS6 SPOT								122,800,000,000.00		16,000,000	348,000,000
Total For ABS6								122,800,000,000.00		16,000,000	348,000,000
ABS7 On 11/09/2026 Spot Bond			10.20500	93.59257	10.20500	93.56684			0.00	0	4,090,000,000
Total ABS7 SPOT									0.00	0	4,090,000,000
Total For ABS7									0.00	0	4,090,000,000
ABS7/F On 11/09/2026 Spot Bond			100.00000	9.88692	100.00000	9.86480			0.00	0	0
Total ABS7/R186 SPOT									0.00	0	0
Total For ABS7/R186									0.00	0	0
ABS12 On 07/12/2023 Spot Bond			3.89000	3.89000	3.89000	288.03333			0.00	0	11,600,000,000
Total ABS12 SPOT									0.00	0	11,600,000,000
Total For ABS12									0.00	0	11,600,000,000
ABS14 On 31/01/2022 Spot Bond			3.31000	152.97724	3.31000	152.92261			0.00	0	0
Total ABS14 SPOT									0.00	0	0
Total For ABS14									0.00	0	0
ABT01U On 12/09/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ABT01U SPOT									0.00	0	0
Total For ABT01U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABT02L On 10/10/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ABT02U SPOT										0.00	0	0
Total For ABT02U										0.00	0	0
ACIF1L On 08/07/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ACIF1U SPOT										0.00	0	0
Total For ACIF1U										0.00	0	0
ACL08€ On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total ACL089/JIBAR SPOT										0.00	0	0
Total For ACL089/JIBAR										0.00	0	0
ACL097 On 20/12/2025 Spot Bond					0.00000	90.08551				0.00	0	0
Total ACL097 SPOT										0.00	0	0
Total For ACL097										0.00	0	0
ACL09€ On 20/12/2025 Spot Bond					0.00000	89.14286				0.00	0	0
Total ACL098 SPOT										0.00	0	0
Total For ACL098										0.00	0	0
ACL104 On 20/12/2019 Spot Bond			8.39500	8.39500	8.39500	102.70305				0.00	0	0
Total ACL104 SPOT										0.00	0	0
Total For ACL104										0.00	0	0
ACL127 On 20/09/2021 Spot Bond					0.00000	233.71682				0.00	0	0
Total ACL127 SPOT										0.00	0	0
Total For ACL127										0.00	0	0
ACL12€ On 20/09/2021 Spot Bond					0.00000	233.72057				0.00	0	0
Total ACL128 SPOT										0.00	0	0
Total For ACL128										0.00	0	0
ACL12€ On 20/09/2021 Spot Bond					0.00000	100.89817				0.00	0	0
Total ACL129 SPOT										0.00	0	0
Total For ACL129										0.00	0	0
ACL142 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total ACL142/JIBAR SPOT										0.00	0	0
Total For ACL142/JIBAR										0.00	0	0
ACL14€ On 20/12/2021 Spot Bond					0.00000	100.90103				0.00	0	0
Total ACL145 SPOT										0.00	0	0
Total For ACL145										0.00	0	0
ACL167 On 20/06/2019 Spot Bond			8.16500	8.16500	8.16500	104.39924				0.00	0	0
Total ACL167 SPOT										0.00	0	0
Total For ACL167										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ACL174 On 20/06/2019 Spot Bond					0.00000	100.89839				0.00	0	0
Total ACL174 SPOT										0.00	0	0
Total For ACL174										0.00	0	0
ACL175 On 20/06/2019 Spot Bond					0.00000	100.85109				0.00	0	0
Total ACL175 SPOT										0.00	0	0
Total For ACL175										0.00	0	0
ACL183 On 20/06/2019 Spot Bond					0.00000	101.50048				0.00	0	0
Total ACL183 SPOT										0.00	0	0
Total For ACL183										0.00	0	0
ACL185 On 20/09/2022 Spot Bond					0.00000	100.89345				0.00	0	0
Total ACL185 SPOT										0.00	0	0
Total For ACL185										0.00	0	0
ACL187 On 20/09/2020 Spot Bond					0.00000	101.63279				0.00	0	0
Total ACL187 SPOT										0.00	0	0
Total For ACL187										0.00	0	0
ACL188 On 20/09/2020 Spot Bond					0.00000	100.91695				0.00	0	0
Total ACL188 SPOT										0.00	0	0
Total For ACL188										0.00	0	0
ACL193 On 20/09/2022 Spot Bond					0.00000	100.91990				0.00	0	0
Total ACL193 SPOT										0.00	0	0
Total For ACL193										0.00	0	0
ACL194 On 20/09/2022 Spot Bond					0.00000	100.91990				0.00	0	0
Total ACL194 SPOT										0.00	0	0
Total For ACL194										0.00	0	0
ACL201 On 20/12/2022 Spot Bond					0.00000	100.93597				0.00	0	0
Total ACL201 SPOT										0.00	0	0
Total For ACL201										0.00	0	0
ACL202 On 20/12/2022 Spot Bond					0.00000	100.93597				0.00	0	0
Total ACL202 SPOT										0.00	0	0
Total For ACL202										0.00	0	0
ACL203 On 30/01/2023 Spot Bond					0.00000	159.24667				0.00	0	0
Total ACL203 SPOT										0.00	0	0
Total For ACL203										0.00	0	0
ACL204 On 14/02/2023 Spot Bond					0.00000	162.12194				0.00	0	0
Total ACL204 SPOT										0.00	0	0
Total For ACL204										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ACL214 On 20/09/2020 Spot Bond					0.00000	96.08023				0.00	0	0
Total ACL214 SPOT										0.00	0	0
Total For ACL214										0.00	0	0
ACL216 On 20/12/2018 Spot Bond					0.00000	100.83212				0.00	0	0
Total ACL216 SPOT										0.00	0	0
Total For ACL216										0.00	0	0
ACL217 On 20/12/2023 Spot Bond					0.00000	100.88970				0.00	0	0
Total ACL217 SPOT										0.00	0	0
Total For ACL217										0.00	0	0
ACL218 On 11/05/2020 Spot Bond					0.00000	101.84330				0.00	0	0
Total ACL218 SPOT										0.00	0	0
Total For ACL218										0.00	0	0
ACL220 On 26/01/2021 Spot Bond					0.00000	99.97667				0.00	0	0
Total ACL220 SPOT										0.00	0	0
Total For ACL220										0.00	0	0
ACL221 On 20/09/2021 Spot Bond					0.00000	100.88589				0.00	0	0
Total ACL221 SPOT										0.00	0	0
Total For ACL221										0.00	0	0
ACL222 On 20/09/2021 Spot Bond					0.00000	100.87172				0.00	0	0
Total ACL222 SPOT										0.00	0	0
Total For ACL222										0.00	0	0
AECI01 On 11/09/2021 Spot Bond					0.00000	101.04493				0.00	0	0
Total AECI01 SPOT										0.00	0	0
Total For AECI01										0.00	0	0
AECI02 On 11/09/2023 Spot Bond					0.00000	101.06888				0.00	0	0
Total AECI02 SPOT										0.00	0	0
Total For AECI02										0.00	0	0
AGT01 On 10/10/2023 Spot Bond					0.00000	100.69998				0.00	0	210,000,000
Total AGT01 SPOT										0.00	0	210,000,000
Total For AGT01										0.00	0	210,000,000
AHF2A On 18/07/2021 Spot Bond					0.00000	100.16822				0.00	0	0
Total AHF2A3 SPOT										0.00	0	0
Total For AHF2A3										0.00	0	0
AHF2B On 18/07/2021 Spot Bond					0.00000	99.80611				0.00	0	0
Total AHF2B3 SPOT										0.00	0	0
Total For AHF2B3										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
AHF2C: On 18/07/2021 Spot Bond					0.00000	99.82743			0.00	0	0
Total AHF2C3 SPOT									0.00	0	0
Total For AHF2C3									0.00	0	0
AHF3A: On 18/04/2019 Spot Bond					0.00000	100.36402			0.00	0	0
Total AHF3A3 SPOT									0.00	0	0
Total For AHF3A3									0.00	0	0
AHF3A: On 18/04/2019 Spot Bond					0.00000	100.16556			0.00	0	0
Total AHF3A4 SPOT									0.00	0	0
Total For AHF3A4									0.00	0	0
AHF3B: On 18/04/2019 Spot Bond					0.00000	100.21250			0.00	0	0
Total AHF3B2 SPOT									0.00	0	0
Total For AHF3B2									0.00	0	0
AHF3B: On 18/04/2019 Spot Bond					0.00000	100.20313			0.00	0	0
Total AHF3B3 SPOT									0.00	0	0
Total For AHF3B3									0.00	0	0
AHF3C: On 18/04/2019 Spot Bond					0.00000	100.27966			0.00	0	0
Total AHF3C2 SPOT									0.00	0	0
Total For AHF3C2									0.00	0	0
AHF3C: On 18/04/2019 Spot Bond					0.00000	100.25174			0.00	0	0
Total AHF3C3 SPOT									0.00	0	0
Total For AHF3C3									0.00	0	0
AHF5A: On 21/08/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000		079,000,000,000,000.00	40,790,000,000	40,890,000,000	
Total AHF5A1 SPOT								9,000,000,000,000.00	40,790,000,000	40,890,000,000	
Total For AHF5A1								9,000,000,000,000.00	40,790,000,000	40,890,000,000	
AHF5A: On 21/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000		080,000,000,000,000.00	30,800,000,000	30,800,000,000	
Total AHF5A2 SPOT								0,000,000,000,000.00	30,800,000,000	30,800,000,000	
Total For AHF5A2								0,000,000,000,000.00	30,800,000,000	30,800,000,000	
AHF5A: On 21/08/2023 Spot Bond			100.00000	8.96527	100.00000	100.00000		730,000,000,000,000.00	17,300,000,000	13,500,000,000	
Total AHF5A3 SPOT								0,000,000,000,000.00	17,300,000,000	13,500,000,000	
Total For AHF5A3								0,000,000,000,000.00	17,300,000,000	13,500,000,000	
AHF5B: On 21/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000		315,000,000,000,000.00	3,150,000,000	3,150,000,000	
Total AHF5B1 SPOT								15,000,000,000,000.00	3,150,000,000	3,150,000,000	
Total For AHF5B1								15,000,000,000,000.00	3,150,000,000	3,150,000,000	
AHF5C: On 21/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000		310,000,000,000,000.00	3,100,000,000	3,100,000,000	
Total AHF5C1 SPOT								10,000,000,000,000.00	3,100,000,000	3,100,000,000	
Total For AHF5C1								10,000,000,000,000.00	3,100,000,000	3,100,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
AHF5D On 21/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			540,000,000,000,000.00	5,400,000,000	5,400,000,000
Total AHF5D1 SPOT									10,000,000,000,000.00	5,400,000,000	5,400,000,000
Total For AHF5D1									10,000,000,000,000.00	5,400,000,000	5,400,000,000
AHL01L On 15/04/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AHL01U SPOT									0.00	0	0
Total For AHL01U									0.00	0	0
AHL1AI On 15/04/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AHL1AU SPOT									0.00	0	0
Total For AHL1AU									0.00	0	0
AHY2U On 08/07/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	1,050,579,946
Total AHY2U SPOT									0.00	0	1,050,579,946
Total For AHY2U									0.00	0	1,050,579,946
AIG2U On 08/07/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	893,754,086
Total AIG2U SPOT									0.00	0	893,754,086
Total For AIG2U									0.00	0	893,754,086
AIR01 On 15/03/2019 Spot Bond			6.83500	101.62573	6.83500	101.60719			0.00	0	1,000,000,000
Total AIR01 SPOT									0.00	0	1,000,000,000
Total For AIR01									0.00	0	1,000,000,000
AIR02 On 30/04/2023 Spot Bond			9.84500	106.43215	9.84500	106.40420			0.00	0	0
Total AIR02 SPOT									0.00	0	0
Total For AIR02									0.00	0	0
AIR04 On 29/05/2024 Spot Bond			9.91500	100.95032	9.91500	100.92378			0.00	0	0
Total AIR04 SPOT									0.00	0	0
Total For AIR04									0.00	0	0
AIR04U On 26/10/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AIR04U SPOT									0.00	0	0
Total For AIR04U									0.00	0	0
AIR05 On 29/05/2030 Spot Bond			11.21500	96.27959	11.21500	96.25104			0.00	0	0
Total AIR05 SPOT									0.00	0	0
Total For AIR05									0.00	0	0
AIRL01 On 30/04/2028 Spot Bond			4.06000	175.38456	4.06000	175.31831			0.00	0	0
Total AIRL01 SPOT									0.00	0	0
Total For AIRL01									0.00	0	0
APF02 On 26/09/2019 Spot Bond					0.00000	101.00851			0.00	0	0
Total APF02 SPOT									0.00	0	0
Total For APF02									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
APF04 On 21/10/2021 Spot Bond					0.00000	100.01885			0.00	0	0
Total APF04 SPOT									0.00	0	0
Total For APF04									0.00	0	0
APF05 On 24/08/2020 Spot Bond					0.00000	101.52376			0.00	0	1,800,000,000
Total APF05 SPOT									0.00	0	1,800,000,000
Total For APF05									0.00	0	1,800,000,000
APF06 On 24/08/2022 Spot Bond					0.00000	102.16944			0.00	0	0
Total APF06 SPOT									0.00	0	0
Total For APF06									0.00	0	0
APF07 On 25/06/2023 Spot Bond					0.00000	100.75315			0.00	0	0
Total APF07 SPOT									0.00	0	0
Total For APF07									0.00	0	0
APF08 On 24/07/2021 Spot Bond					0.00000	100.02214			0.00	0	0
Total APF08 SPOT									0.00	0	0
Total For APF08									0.00	0	0
APF09 On 24/07/2023 Spot Bond					0.00000	100.02291			0.00	0	130,000,000
Total APF09 SPOT									0.00	0	130,000,000
Total For APF09									0.00	0	130,000,000
AS126L On 19/02/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS126U SPOT									0.00	0	0
Total For AS126U									0.00	0	0
AS127L On 19/02/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS127U SPOT									0.00	0	0
Total For AS127U									0.00	0	0
AS133L On 07/12/2033 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS133U SPOT									0.00	0	0
Total For AS133U									0.00	0	0
AS139L On 30/03/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS139U SPOT									0.00	0	0
Total For AS139U									0.00	0	0
AS167L On 20/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS167U SPOT									0.00	0	0
Total For AS167U									0.00	0	0
AS168L On 20/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS168U SPOT									0.00	0	0
Total For AS168U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
AS180L On 09/03/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS180U SPOT									0.00	0	0
Total For AS180U									0.00	0	0
AS221L On 27/02/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS221U SPOT									0.00	0	0
Total For AS221U									0.00	0	0
AS224L On 24/04/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS224U SPOT									0.00	0	0
Total For AS224U									0.00	0	0
AS248L On 27/02/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS248U SPOT									0.00	0	0
Total For AS248U									0.00	0	0
AS249L On 17/09/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS249U SPOT									0.00	0	0
Total For AS249U									0.00	0	0
AS266L On 21/07/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS266U SPOT									0.00	0	0
Total For AS266U									0.00	0	0
AS288L On 31/03/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS288U SPOT									0.00	0	0
Total For AS288U									0.00	0	0
AS294L On 21/10/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total AS294U SPOT									0.00	0	0
Total For AS294U									0.00	0	0
ASN01 On 20/03/2019 Spot Bond					0.00000	100.85116			0.00	0	0
Total ASN011 SPOT									0.00	0	0
Total For ASN011									0.00	0	0
ASN014 On 20/03/2019 Spot Bond					0.00000	100.00000			0.00	0	0
Total ASN014 SPOT									0.00	0	0
Total For ASN014									0.00	0	0
ASN022 On 07/12/2033 Spot Bond			3.95000	238.14179	3.95000	238.05253			0.00	0	0
Total ASN022 SPOT									0.00	0	0
Total For ASN022									0.00	0	0
ASN028 On 20/06/2019 Spot Bond					0.00000	101.20292			0.00	0	0
Total ASN028 SPOT									0.00	0	0
Total For ASN028									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN03: On 20/06/2019 Spot Bond					0.00000	0.00000				0.00	0	0
Total ASN034 SPOT										0.00	0	0
Total For ASN034										0.00	0	0
ASN03: On 10/11/2019 Spot Bond					0.00000	101.85803				0.00	0	0
Total ASN036 SPOT										0.00	0	0
Total For ASN036										0.00	0	0
ASN03: On 07/12/2033 Spot Bond			3.96500	212.78807	3.96500	212.70823				0.00	0	0
Total ASN037 SPOT										0.00	0	0
Total For ASN037										0.00	0	0
ASN04: On 21/11/2019 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN041 SPOT										0.00	0	0
Total For ASN041										0.00	0	0
ASN05: On 22/04/2020 Spot Bond					0.00000	100.01797				0.00	0	0
Total ASN058 SPOT										0.00	0	0
Total For ASN058										0.00	0	0
ASN05: On 28/04/2020 Spot Bond					0.00000	99.90671				0.00	0	0
Total ASN059 SPOT										0.00	0	0
Total For ASN059										0.00	0	0
ASN06: On 30/04/2020 Spot Bond					0.00000	99.88510				0.00	0	0
Total ASN061 SPOT										0.00	0	0
Total For ASN061										0.00	0	0
ASN06: On 22/05/2020 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN064 SPOT										0.00	0	0
Total For ASN064										0.00	0	0
ASN06: On 07/02/2020 Spot Bond					0.00000	101.91012				0.00	0	0
Total ASN069 SPOT										0.00	0	0
Total For ASN069										0.00	0	0
ASN07: On 20/06/2020 Spot Bond					0.00000	101.00272				0.00	0	0
Total ASN078 SPOT										0.00	0	0
Total For ASN078										0.00	0	0
ASN08: On 20/09/2020 Spot Bond					0.00000	100.86029				0.00	0	0
Total ASN080 SPOT										0.00	0	0
Total For ASN080										0.00	0	0
ASN08: On 20/06/2020 Spot Bond					0.00000	102.30176				0.00	0	807,000,000
Total ASN083 SPOT										0.00	0	807,000,000
Total For ASN083										0.00	0	807,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN08: On 03/09/2020 Spot Bond					0.00000	101.43733				0.00	0	0
Total ASN084 SPOT										0.00	0	0
Total For ASN084										0.00	0	0
ASN08: On 01/10/2020 Spot Bond					0.00000	108.73562				0.00	0	0
Total ASN087 SPOT										0.00	0	0
Total For ASN087										0.00	0	0
ASN09: On 16/10/2020 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN091 SPOT										0.00	0	0
Total For ASN091										0.00	0	0
ASN09: On 21/10/2020 Spot Bond					0.00000	100.01640				0.00	0	0
Total ASN092 SPOT										0.00	0	0
Total For ASN092										0.00	0	0
ASN09: On 10/11/2020 Spot Bond					0.00000	101.88061				0.00	0	0
Total ASN096 SPOT										0.00	0	0
Total For ASN096										0.00	0	0
ASN09: On 20/12/2020 Spot Bond					0.00000	82.26689				0.00	0	0
Total ASN099 SPOT										0.00	0	0
Total For ASN099										0.00	0	0
ASN111: On 02/12/2020 Spot Bond					0.00000	101.31061				0.00	0	0
Total ASN111 SPOT										0.00	0	0
Total For ASN111										0.00	0	0
ASN11: On 07/03/2021 Spot Bond					0.00000	101.19769				0.00	0	0
Total ASN113 SPOT										0.00	0	0
Total For ASN113										0.00	0	0
ASN11: On 10/12/2020 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN115 SPOT										0.00	0	0
Total For ASN115										0.00	0	0
ASN12: On 20/12/2020 Spot Bond					0.00000	101.12428				0.00	0	0
Total ASN121 SPOT										0.00	0	0
Total For ASN121										0.00	0	0
ASN12: On 20/03/2019 Spot Bond					0.00000	100.86772				0.00	0	0
Total ASN125 SPOT										0.00	0	0
Total For ASN125										0.00	0	0
ASN12: On 24/02/2019 Spot Bond					0.00000	101.54216				0.00	0	0
Total ASN128 SPOT										0.00	0	0
Total For ASN128										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN12(On 24/02/2019 Spot Bond					0.00000	101.53117				0.00	0	0
Total ASN129 SPOT										0.00	0	0
Total For ASN129										0.00	0	0
ASN13(On 24/02/2019 Spot Bond					0.00000	101.51689				0.00	0	0
Total ASN130 SPOT										0.00	0	0
Total For ASN130										0.00	0	0
ASN13(On 03/03/2019 Spot Bond					0.00000	101.29653				0.00	0	0
Total ASN131 SPOT										0.00	0	0
Total For ASN131										0.00	0	0
ASN13(On 03/03/2019 Spot Bond					0.00000	101.28594				0.00	0	0
Total ASN132 SPOT										0.00	0	0
Total For ASN132										0.00	0	0
ASN13(On 20/12/2020 Spot Bond					0.00000	101.11487				0.00	0	0
Total ASN134 SPOT										0.00	0	0
Total For ASN134										0.00	0	0
ASN13(On 05/03/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN135 SPOT										0.00	0	0
Total For ASN135										0.00	0	0
ASN13(On 31/12/2018 Spot Bond					0.00000	98.02000				0.00	0	0
Total ASN136 SPOT										0.00	0	0
Total For ASN136										0.00	0	0
ASN13(On 31/01/2022 Spot Bond			4.04000	149.59202	4.04000	149.53568				0.00	0	0
Total ASN137 SPOT										0.00	0	0
Total For ASN137										0.00	0	0
ASN14(On 30/03/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN140 SPOT										0.00	0	0
Total For ASN140										0.00	0	0
ASN14(On 31/12/2018 Spot Bond					0.00000	98.02000				0.00	0	0
Total ASN141 SPOT										0.00	0	0
Total For ASN141										0.00	0	0
ASN14(On 20/06/2020 Spot Bond					0.00000	102.61049				0.00	0	0
Total ASN143 SPOT										0.00	0	0
Total For ASN143										0.00	0	0
ASN14(On 28/04/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN144 SPOT										0.00	0	0
Total For ASN144										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN14(On 20/06/2021 Spot Bond					0.00000	77.94384				0.00	0	0
Total ASN145 SPOT										0.00	0	0
Total For ASN145										0.00	0	0
ASN14(On 04/05/2021 Spot Bond					0.00000	99.72275				0.00	0	0
Total ASN146 SPOT										0.00	0	0
Total For ASN146										0.00	0	0
ASN14(On 04/05/2021 Spot Bond					0.00000	99.72275				0.00	0	0
Total ASN147 SPOT										0.00	0	0
Total For ASN147										0.00	0	0
ASN14(On 31/01/2022 Spot Bond			4.08500	149.38628	4.08500	149.32983				0.00	0	0
Total ASN149 SPOT										0.00	0	0
Total For ASN149										0.00	0	0
ASN15(On 31/05/2021 Spot Bond					0.00000	114.07526				0.00	0	0
Total ASN150 SPOT										0.00	0	0
Total For ASN150										0.00	0	0
ASN15(On 02/06/2021 Spot Bond					0.00000	101.33888				0.00	0	0
Total ASN152 SPOT										0.00	0	0
Total For ASN152										0.00	0	0
ASN15(On 31/03/2028 Spot Bond			4.65000	162.33752	4.65000	162.27351				0.00	0	0
Total ASN154 SPOT										0.00	0	0
Total For ASN154										0.00	0	0
ASN15(On 29/06/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN156 SPOT										0.00	0	0
Total For ASN156										0.00	0	0
ASN15(On 06/07/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN157 SPOT										0.00	0	0
Total For ASN157										0.00	0	0
ASN15(On 27/07/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN159 SPOT										0.00	0	0
Total For ASN159										0.00	0	0
ASN16(On 08/08/2021 Spot Bond					0.00000	101.97354				0.00	0	0
Total ASN160 SPOT										0.00	0	0
Total For ASN160										0.00	0	0
ASN16(On 19/08/2021 Spot Bond					0.00000	101.64415				0.00	0	0
Total ASN161 SPOT										0.00	0	0
Total For ASN161										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN16: On 29/08/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN163 SPOT										0.00	0	0
Total For ASN163										0.00	0	0
ASN16: On 06/09/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN164 SPOT										0.00	0	0
Total For ASN164										0.00	0	0
ASN16: On 20/06/2021 Spot Bond					0.00000	101.95699				0.00	0	0
Total ASN165 SPOT										0.00	0	0
Total For ASN165										0.00	0	0
ASN17: On 22/11/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN172 SPOT										0.00	0	0
Total For ASN172										0.00	0	0
ASN17: On 02/12/2019 Spot Bond					0.00000	101.25425				0.00	0	0
Total ASN174 SPOT										0.00	0	0
Total For ASN174										0.00	0	0
ASN17: On 21/12/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN176 SPOT										0.00	0	0
Total For ASN176										0.00	0	0
ASN17: On 23/12/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN177 SPOT										0.00	0	0
Total For ASN177										0.00	0	0
ASN17: On 25/02/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN179 SPOT										0.00	0	0
Total For ASN179										0.00	0	0
ASN18: On 20/06/2022 Spot Bond					0.00000	100.98512				0.00	0	0
Total ASN181 SPOT										0.00	0	0
Total For ASN181										0.00	0	0
ASN18: On 25/04/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN185 SPOT										0.00	0	0
Total For ASN185										0.00	0	0
ASN19: On 12/06/2020 Spot Bond					0.00000	101.03940				0.00	0	0
Total ASN190 SPOT										0.00	0	0
Total For ASN190										0.00	0	0
ASN19: On 27/06/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN192 SPOT										0.00	0	0
Total For ASN192										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN19: On 12/07/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN193 SPOT										0.00	0	0
Total For ASN193										0.00	0	0
ASN19: On 30/06/2022 Spot Bond					0.00000	100.61456				0.00	0	0
Total ASN194 SPOT										0.00	0	0
Total For ASN194										0.00	0	0
ASN19: On 31/01/2038 Spot Bond			4.29000	103.21975	4.29000	103.18018				0.00	0	0
Total ASN195 SPOT										0.00	0	0
Total For ASN195										0.00	0	0
ASN19: On 20/06/2022 Spot Bond					0.00000	100.84153				0.00	0	0
Total ASN196 SPOT										0.00	0	0
Total For ASN196										0.00	0	0
ASN19: On 01/07/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN199 SPOT										0.00	0	0
Total For ASN199										0.00	0	0
ASN20: On 25/07/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN200 SPOT										0.00	0	0
Total For ASN200										0.00	0	0
ASN20: On 21/07/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN201 SPOT										0.00	0	0
Total For ASN201										0.00	0	0
ASN20: On 18/07/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN202 SPOT										0.00	0	0
Total For ASN202										0.00	0	0
ASN20: On 20/06/2022 Spot Bond					0.00000	100.84928				0.00	0	0
Total ASN203 SPOT										0.00	0	0
Total For ASN203										0.00	0	0
ASN20: On 20/06/2022 Spot Bond					0.00000	100.90297				0.00	0	0
Total ASN204 SPOT										0.00	0	0
Total For ASN204										0.00	0	0
ASN20: On 25/08/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN207 SPOT										0.00	0	0
Total For ASN207										0.00	0	0
ASN20: On 24/08/2021 Spot Bond					0.00000	101.78655				0.00	0	0
Total ASN208 SPOT										0.00	0	0
Total For ASN208										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN20: On 24/08/2025 Spot Bond					0.00000	101.94600				0.00	0	0
Total ASN209 SPOT										0.00	0	0
Total For ASN209										0.00	0	0
ASN21: On 28/08/2020 Spot Bond					0.00000	101.37309				0.00	0	0
Total ASN210 SPOT										0.00	0	0
Total For ASN210										0.00	0	0
ASN21: On 02/09/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN212 SPOT										0.00	0	0
Total For ASN212										0.00	0	0
ASN21: On 01/09/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN213 SPOT										0.00	0	0
Total For ASN213										0.00	0	0
ASN21: On 29/08/2022 Spot Bond					0.00000	101.41937				0.00	0	0
Total ASN214 SPOT										0.00	0	0
Total For ASN214										0.00	0	0
ASN21: On 12/09/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN216 SPOT										0.00	0	0
Total For ASN216										0.00	0	0
ASN21: On 12/09/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN217 SPOT										0.00	0	0
Total For ASN217										0.00	0	0
ASN21: On 19/09/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN218 SPOT										0.00	0	0
Total For ASN218										0.00	0	0
ASN21: On 20/09/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN219 SPOT										0.00	0	0
Total For ASN219										0.00	0	0
ASN22: On 22/09/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN220 SPOT										0.00	0	0
Total For ASN220										0.00	0	0
ASN22: On 25/10/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN223 SPOT										0.00	0	0
Total For ASN223										0.00	0	0
ASN22: On 25/10/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN225 SPOT										0.00	0	0
Total For ASN225										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN22(On 01/11/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN228 SPOT										0.00	0	0
Total For ASN228										0.00	0	0
ASN22(On 10/11/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN229 SPOT										0.00	0	0
Total For ASN229										0.00	0	0
ASN23(On 10/11/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN230 SPOT										0.00	0	0
Total For ASN230										0.00	0	0
ASN23(On 17/11/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN231 SPOT										0.00	0	0
Total For ASN231										0.00	0	0
ASN23(On 28/05/2019 Spot Bond			8.56000	8.56000	8.56000	101.35872				0.00	0	0
Total ASN232 SPOT										0.00	0	0
Total For ASN232										0.00	0	0
ASN23(On 29/11/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN234 SPOT										0.00	0	0
Total For ASN234										0.00	0	0
ASN23(On 12/12/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN235 SPOT										0.00	0	0
Total For ASN235										0.00	0	0
ASN23(On 19/12/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN236 SPOT										0.00	0	0
Total For ASN236										0.00	0	0
ASN23(On 19/12/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN237 SPOT										0.00	0	0
Total For ASN237										0.00	0	0
ASN23(On 18/12/2018 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN239 SPOT										0.00	0	0
Total For ASN239										0.00	0	0
ASN24(On 02/02/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN240 SPOT										0.00	0	0
Total For ASN240										0.00	0	0
ASN24(On 02/02/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN241 SPOT										0.00	0	0
Total For ASN241										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN24: On 10/02/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN242 SPOT										0.00	0	0
Total For ASN242										0.00	0	0
ASN24: On 07/03/2019 Spot Bond					0.00000	101.11977				0.00	0	0
Total ASN243 SPOT										0.00	0	0
Total For ASN243										0.00	0	0
ASN24: On 10/03/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN244 SPOT										0.00	0	0
Total For ASN244										0.00	0	0
ASN24: On 30/03/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN245 SPOT										0.00	0	0
Total For ASN245										0.00	0	0
ASN24: On 12/04/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN246 SPOT										0.00	0	0
Total For ASN246										0.00	0	0
ASN24: On 13/04/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN247 SPOT										0.00	0	0
Total For ASN247										0.00	0	0
ASN25: On 09/05/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN250 SPOT										0.00	0	0
Total For ASN250										0.00	0	0
ASN25: On 16/05/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN251 SPOT										0.00	0	0
Total For ASN251										0.00	0	0
ASN25: On 16/05/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN252 SPOT										0.00	0	0
Total For ASN252										0.00	0	0
ASN25: On 27/05/2020 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN253 SPOT										0.00	0	0
Total For ASN253										0.00	0	0
ASN25: On 25/05/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN254 SPOT										0.00	0	0
Total For ASN254										0.00	0	0
ASN25: On 29/05/2021 Spot Bond					0.00000	101.34190				0.00	0	0
Total ASN255 SPOT										0.00	0	0
Total For ASN255										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN25(On 05/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN256 SPOT										0.00	0	0
Total For ASN256										0.00	0	0
ASN25(On 02/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN257 SPOT										0.00	0	0
Total For ASN257										0.00	0	0
ASN26(On 22/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN261 SPOT										0.00	0	0
Total For ASN261										0.00	0	0
ASN26(On 22/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN262 SPOT										0.00	0	0
Total For ASN262										0.00	0	0
ASN26(On 22/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN263 SPOT										0.00	0	0
Total For ASN263										0.00	0	0
ASN26(On 20/06/2023 Spot Bond					0.00000	100.98323				0.00	0	0
Total ASN264 SPOT										0.00	0	0
Total For ASN264										0.00	0	0
ASN26(On 30/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN265 SPOT										0.00	0	0
Total For ASN265										0.00	0	0
ASN26(On 10/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN268 SPOT										0.00	0	0
Total For ASN268										0.00	0	0
ASN26(On 10/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN269 SPOT										0.00	0	0
Total For ASN269										0.00	0	0
ASN27(On 20/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN270 SPOT										0.00	0	0
Total For ASN270										0.00	0	0
ASN27(On 20/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN271 SPOT										0.00	0	0
Total For ASN271										0.00	0	0
ASN27(On 20/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN272 SPOT										0.00	0	0
Total For ASN272										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN27: On 25/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN273 SPOT										0.00	0	0
Total For ASN273										0.00	0	0
ASN27: On 20/06/2023 Spot Bond					0.00000	100.84625				0.00	0	0
Total ASN274 SPOT										0.00	0	0
Total For ASN274										0.00	0	0
ASN27: On 27/07/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN275 SPOT										0.00	0	0
Total For ASN275										0.00	0	0
ASN27: On 04/08/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN276 SPOT										0.00	0	0
Total For ASN276										0.00	0	0
ASN27: On 08/08/2019 Spot Bond					0.00000	101.70550				0.00	0	0
Total ASN277 SPOT										0.00	0	0
Total For ASN277										0.00	0	0
ASN27: On 15/08/2023 Spot Bond					0.00000	101.75618				0.00	0	0
Total ASN278 SPOT										0.00	0	0
Total For ASN278										0.00	0	0
ASN27: On 20/08/2048 Spot Bond					0.00000	101.66509				0.00	0	0
Total ASN279 SPOT										0.00	0	0
Total For ASN279										0.00	0	0
ASN28: On 21/08/2023 Spot Bond					0.00000	101.61500				0.00	0	0
Total ASN280 SPOT										0.00	0	0
Total For ASN280										0.00	0	0
ASN28: On 24/08/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN281 SPOT										0.00	0	0
Total For ASN281										0.00	0	0
ASN28: On 24/08/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN282 SPOT										0.00	0	0
Total For ASN282										0.00	0	0
ASN28: On 24/08/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN283 SPOT										0.00	0	0
Total For ASN283										0.00	0	0
ASN28: On 24/08/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN284 SPOT										0.00	0	0
Total For ASN284										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ASN28 On 05/09/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN285 SPOT										0.00	0	0
Total For ASN285										0.00	0	0
ASN28 On 13/09/2025 Spot Bond					0.00000	101.08200				0.00	0	0
Total ASN286 SPOT										0.00	0	0
Total For ASN286										0.00	0	0
ASN28 On 14/09/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN287 SPOT										0.00	0	0
Total For ASN287										0.00	0	0
ASN28 On 21/09/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN289 SPOT										0.00	0	0
Total For ASN289										0.00	0	0
ASN29 On 21/09/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN290 SPOT										0.00	0	0
Total For ASN290										0.00	0	0
ASN29 On 26/09/2023 Spot Bond					0.00000	100.74662				0.00	0	0
Total ASN291 SPOT										0.00	0	0
Total For ASN291										0.00	0	0
ASN29 On 02/10/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN293 SPOT										0.00	0	0
Total For ASN293										0.00	0	0
ASN29 On 09/10/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total ASN295 SPOT										0.00	0	0
Total For ASN295										0.00	0	0
ASN75 On 20/09/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ASN75U SPOT										0.00	0	0
Total For ASN75U										0.00	0	0
BAW17 On 05/12/2018 Spot Bond					0.00000	101.26248				0.00	1,630,000,000	815,000,000
Total BAW17 SPOT										0.00	1,630,000,000	815,000,000
Total For BAW17										0.00	1,630,000,000	815,000,000
BAW17 On 05/12/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAW17/JIBAR SPOT										0.00	0	0
Total For BAW17/JIBAR										0.00	0	0
BAW18 On 05/12/2020 Spot Bond					0.00000	101.34000				0.00	0	0
Total BAW18 SPOT										0.00	0	0
Total For BAW18										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
BAW19 On 05/12/2020 Spot Bond			9.19000	104.41186	9.19000	104.38623			0.00	0	1,200,000,000
Total BAW19 SPOT									0.00	0	1,200,000,000
Total For BAW19									0.00	0	1,200,000,000
BAW21 On 24/03/2022 Spot Bond			9.24000	100.96432	9.24000	100.93913			0.00	0	0
Total BAW21 SPOT									0.00	0	0
Total For BAW21									0.00	0	0
BAW21 On 24/03/2022 Spot Bond			9.30000	100.79202	9.30000	100.76672			0.00	0	0
Total BAW21/R208 SPOT									0.00	0	0
Total For BAW21/R208									0.00	0	0
BAW22 On 07/12/2022 Spot Bond					0.00000	102.38404			0.00	0	0
Total BAW22 SPOT									0.00	0	0
Total For BAW22									0.00	0	0
BAW24 On 30/09/2019 Spot Bond					0.00000	101.43370			0.00	0	0
Total BAW24 SPOT									0.00	0	0
Total For BAW24									0.00	0	0
BAW25 On 08/05/2020 Spot Bond					0.00000	102.74278			0.00	0	91,000,000
Total BAW25 SPOT									0.00	0	91,000,000
Total For BAW25									0.00	0	91,000,000
BAW26 On 11/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BAW26U SPOT									0.00	0	0
Total For BAW26U									0.00	0	0
BAW27 On 11/05/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BAW27U SPOT									0.00	0	0
Total For BAW27U									0.00	0	0
BAW28 On 06/06/2022 Spot Bond					0.00000	102.60013			0.00	0	0
Total BAW28 SPOT									0.00	0	0
Total For BAW28									0.00	0	0
BAW29 On 22/02/2023 Spot Bond					0.00000	101.55845			0.00	0	0
Total BAW29 SPOT									0.00	0	0
Total For BAW29									0.00	0	0
BAYA45 On 31/03/2019 Spot Bond					0.00000	100.74364			0.00	0	0
Total BAYA45 SPOT									0.00	0	0
Total For BAYA45									0.00	0	0
BAYA51 On 31/03/2019 Spot Bond					0.00000	100.77381			0.00	0	0
Total BAYA51 SPOT									0.00	0	0
Total For BAYA51									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BAYA52 On 31/03/2019 Spot Bond					0.00000	101.23700				0.00	0	0
Total BAYA52 SPOT										0.00	0	0
Total For BAYA52										0.00	0	0
BAYA54 On 30/09/2019 Spot Bond					0.00000	101.45262				0.00	0	0
Total BAYA54 SPOT										0.00	0	0
Total For BAYA54										0.00	0	0
BAYA57 On 31/03/2022 Spot Bond					0.00000	104.30967				0.00	0	0
Total BAYA57 SPOT										0.00	0	0
Total For BAYA57										0.00	0	0
BAYA58 On 30/06/2020 Spot Bond					0.00000	102.46281				0.00	0	0
Total BAYA58 SPOT										0.00	0	0
Total For BAYA58										0.00	0	0
BAYA59 On 30/06/2022 Spot Bond			12.43500	106.23188	12.43500	106.19707				0.00	0	0
Total BAYA59 SPOT										0.00	0	0
Total For BAYA59										0.00	0	0
BAYA60 On 30/06/2020 Spot Bond			12.49000	12.49000	12.49000	103.76594				0.00	0	0
Total BAYA60 SPOT										0.00	0	0
Total For BAYA60										0.00	0	0
BAYA61 On 30/06/2020 Spot Bond					0.00000	100.79841				0.00	0	0
Total BAYA61 SPOT										0.00	0	0
Total For BAYA61										0.00	0	0
BAYA62 On 30/09/2020 Spot Bond					0.00000	100.75319				0.00	0	0
Total BAYA62 SPOT										0.00	0	0
Total For BAYA62										0.00	0	0
BAYA63 On 30/11/2020 Spot Bond					0.00000	102.21061				0.00	0	0
Total BAYA63 SPOT										0.00	0	0
Total For BAYA63										0.00	0	0
BAYA64 On 30/09/2022 Spot Bond					0.00000	100.75963				0.00	0	0
Total BAYA64 SPOT										0.00	0	0
Total For BAYA64										0.00	0	0
BAYA65 On 30/09/2020 Spot Bond					0.00000	100.72742				0.00	0	0
Total BAYA65 SPOT										0.00	0	0
Total For BAYA65										0.00	0	0
BAYA66 On 31/03/2021 Spot Bond					0.00000	100.75329				0.00	0	0
Total BAYA66 SPOT										0.00	0	0
Total For BAYA66										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BAYA67 On 31/03/2023 Spot Bond			12.43500	12.43500	12.43500	96.48955				0.00	0	0
Total BAYA67 SPOT										0.00	0	0
Total For BAYA67										0.00	0	0
BAYA69 On 30/06/2021 Spot Bond					0.00000	100.71145				0.00	0	0
Total BAYA69 SPOT										0.00	0	0
Total For BAYA69										0.00	0	0
BAYA70 On 30/06/2021 Spot Bond					0.00000	100.71145				0.00	0	0
Total BAYA70 SPOT										0.00	0	0
Total For BAYA70										0.00	0	0
BAYA71 On 30/06/2021 Spot Bond					0.00000	100.71145				0.00	0	0
Total BAYA71 SPOT										0.00	0	0
Total For BAYA71										0.00	0	0
BAYB07 On 31/03/2020 Spot Bond					0.00000	100.95248				0.00	0	0
Total BAYB07 SPOT										0.00	0	0
Total For BAYB07										0.00	0	0
BAYB08 On 30/09/2020 Spot Bond					0.00000	106.07849				0.00	0	0
Total BAYB08 SPOT										0.00	0	0
Total For BAYB08										0.00	0	0
BAYB11 On 30/06/2020 Spot Bond					0.00000	100.98463				0.00	0	0
Total BAYB11 SPOT										0.00	0	0
Total For BAYB11										0.00	0	0
BAYB12 On 30/06/2021 Spot Bond					0.00000	100.85630				0.00	0	0
Total BAYB12 SPOT										0.00	0	0
Total For BAYB12										0.00	0	0
BAYB13 On 30/09/2023 Spot Bond					0.00000	100.87150				0.00	0	0
Total BAYB13 SPOT										0.00	0	0
Total For BAYB13										0.00	0	0
BAYB14 On 30/09/2023 Spot Bond					0.00000	100.87150				0.00	0	0
Total BAYB14 SPOT										0.00	0	0
Total For BAYB14										0.00	0	0
BAYB15 On 30/09/2023 Spot Bond					0.00000	100.87150				0.00	0	0
Total BAYB15 SPOT										0.00	0	0
Total For BAYB15										0.00	0	0
BAYD1U On 30/06/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAYD1U SPOT										0.00	0	0
Total For BAYD1U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BAYD2I On 30/06/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAYD2U SPOT										0.00	0	0
Total For BAYD2U										0.00	0	0
BAYD3I On 30/06/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAYD3U SPOT										0.00	0	0
Total For BAYD3U										0.00	0	0
BAYD4I On 30/06/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAYD4U SPOT										0.00	0	0
Total For BAYD4U										0.00	0	0
BAYD5I On 30/06/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAYD5U SPOT										0.00	0	0
Total For BAYD5U										0.00	0	0
BAYD6I On 30/06/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BAYD6U SPOT										0.00	0	0
Total For BAYD6U										0.00	0	0
BC123 On 30/11/2018 Spot Bond					0.00000	101.14369				0.00	0	0
Total BC123 SPOT										0.00	0	0
Total For BC123										0.00	0	0
BCJ10 On 12/07/2019 Spot Bond					0.00000	100.30547				0.00	0	0
Total BCJ10 SPOT										0.00	0	0
Total For BCJ10										0.00	0	0
BCJ14 On 09/05/2019 Spot Bond					0.00000	101.69365				0.00	0	0
Total BCJ14 SPOT										0.00	0	0
Total For BCJ14										0.00	0	0
BCJ15 On 09/11/2020 Spot Bond					0.00000	101.73499				0.00	0	0
Total BCJ15 SPOT										0.00	0	0
Total For BCJ15										0.00	0	0
BCJ16 On 08/12/2020 Spot Bond					0.00000	101.04247				0.00	0	0
Total BCJ16 SPOT										0.00	0	0
Total For BCJ16										0.00	0	0
BCJ17 On 23/09/2019 Spot Bond					0.00000	100.67839				0.00	0	0
Total BCJ17 SPOT										0.00	0	0
Total For BCJ17										0.00	0	0
BD020£ On 28/04/2028 Spot Bond			9.16500	9.16500	9.16500	191.66674				0.00	0	0
Total BD0205 SPOT										0.00	0	0
Total For BD0205										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BD0206 On 02/03/2028 Spot Bond			9.16500	9.16500	9.16500	192.33397				0.00	0	0
Total BD0206 SPOT										0.00	0	0
Total For BD0206										0.00	0	0
BD0302 On 18/04/2028 Spot Bond			9.55000	9.55000	9.55000	91.36210				0.00	0	0
Total BD0302 SPOT										0.00	0	0
Total For BD0302										0.00	0	0
BD302U On 18/04/2028 Spot Bond			100.00000	8.30821	100.00000	8.28972				0.00	0	0
Total BD302U SPOT										0.00	0	0
Total For BD302U										0.00	0	0
BG1A7U On 21/11/2032 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BG1A7U SPOT										0.00	0	0
Total For BG1A7U										0.00	0	0
BGL01 On 19/11/2019 Spot Bond					0.00000	103.18721				0.00	0	0
Total BGL01 SPOT										0.00	0	0
Total For BGL01										0.00	0	0
BGL02 On 19/11/2019 Spot Bond			9.09500	106.42649	9.09500	106.40076				0.00	0	0
Total BGL02 SPOT										0.00	0	0
Total For BGL02										0.00	0	0
BGL03 On 05/02/2020 Spot Bond					0.00000	101.97951				0.00	322,600,000	161,300,000
Total BGL03 SPOT										0.00	322,600,000	161,300,000
Total For BGL03										0.00	322,600,000	161,300,000
BGL04 On 05/02/2020 Spot Bond			8.79500	103.69818	8.79500	103.67392				0.00	0	0
Total BGL04 SPOT										0.00	0	0
Total For BGL04										0.00	0	0
BGL05 On 04/09/2020 Spot Bond			10.99000	102.21616	10.99000	102.18597				0.00	0	0
Total BGL05 SPOT										0.00	0	0
Total For BGL05										0.00	0	0
BGL06 On 04/09/2020 Spot Bond					0.00000	104.01771				0.00	0	0
Total BGL06 SPOT										0.00	0	0
Total For BGL06										0.00	0	0
BGL07 On 03/09/2022 Spot Bond			11.36500	103.05359	11.36500	103.02212				0.00	0	0
Total BGL07 SPOT										0.00	0	0
Total For BGL07										0.00	0	0
BGL08 On 03/09/2022 Spot Bond					0.00000	101.52151				0.00	0	0
Total BGL08 SPOT										0.00	0	0
Total For BGL08										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BGL09 On 29/09/2020 Spot Bond			10.69000	102.03830	10.69000	102.00894				0.00	0	0
Total BGL09 SPOT										0.00	0	0
Total For BGL09										0.00	0	0
BGL10 On 05/05/2021 Spot Bond					0.00000	102.39394				0.00	0	0
Total BGL10 SPOT										0.00	0	0
Total For BGL10										0.00	0	0
BGL11 On 05/05/2021 Spot Bond			11.47000	101.72781	11.47000	107.89130				0.00	0	0
Total BGL11 SPOT										0.00	0	0
Total For BGL11										0.00	0	0
BGL12 On 20/08/2021 Spot Bond					0.00000	107.23192				0.00	0	0
Total BGL12 SPOT										0.00	0	0
Total For BGL12										0.00	0	0
BGL13 On 20/08/2021 Spot Bond			10.09000	106.06539	10.09000	106.03703				0.00	0	0
Total BGL13 SPOT										0.00	0	0
Total For BGL13										0.00	0	0
BGL14 On 03/11/2021 Spot Bond					0.00000	103.03383				0.00	0	0
Total BGL14 SPOT										0.00	0	0
Total For BGL14										0.00	0	0
BGL15 On 17/03/2022 Spot Bond					0.00000	104.05686				0.00	0	60,000,000
Total BGL15 SPOT										0.00	0	60,000,000
Total For BGL15										0.00	0	60,000,000
BGL16 On 25/05/2022 Spot Bond					0.00000	101.76539				0.00	0	0
Total BGL16 SPOT										0.00	0	0
Total For BGL16										0.00	0	0
BGL17 On 14/08/2024 Spot Bond					0.00000	105.13067				0.00	0	0
Total BGL17 SPOT										0.00	0	0
Total For BGL17										0.00	0	0
BGL18 On 30/09/2022 Spot Bond					0.00000	102.51731				0.00	0	0
Total BGL18 SPOT										0.00	0	0
Total For BGL18										0.00	0	0
BGL19 On 29/09/2024 Spot Bond					0.00000	103.83013				0.00	0	0
Total BGL19 SPOT										0.00	0	0
Total For BGL19										0.00	0	0
BGT01 On 12/09/2022 Spot Bond					0.00000	104.99365				0.00	0	0
Total BGT01 SPOT										0.00	0	0
Total For BGT01										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BID05 On 30/06/2019 Spot Bond					0.00000	100.58269				0.00	0	0
Total BID05 SPOT										0.00	0	0
Total For BID05										0.00	0	0
BID06 On 30/06/2019 Spot Bond			8.28500	103.20249	8.28500	103.17960				0.00	0	2,200,000,000
Total BID06 SPOT										0.00	0	2,200,000,000
Total For BID06										0.00	0	2,200,000,000
BID07 On 30/06/2020 Spot Bond					0.00000	100.83584				0.00	0	0
Total BID07 SPOT										0.00	0	0
Total For BID07										0.00	0	0
BID08 On 30/06/2022 Spot Bond					0.00000	100.58545				0.00	0	20,000,000
Total BID08 SPOT										0.00	0	20,000,000
Total For BID08										0.00	0	20,000,000
BNPP0 On 31/01/2024 Spot Bond					0.00000	99.84971				0.00	0	0
Total BNPP01 SPOT										0.00	0	0
Total For BNPP01										0.00	0	0
BPPF0 On 22/03/2020 Spot Bond					0.00000	100.71899				0.00	0	0
Total BPPF02 SPOT										0.00	0	0
Total For BPPF02										0.00	0	0
BPPF0 On 15/09/2020 Spot Bond					0.00000	100.89407				0.00	0	0
Total BPPF04 SPOT										0.00	0	0
Total For BPPF04										0.00	0	0
BPPF0 On 24/10/2018 Spot Bond					0.00000	0.00000				0.00	0	0
Total BPPF05 SPOT										0.00	0	0
Total For BPPF05										0.00	0	0
BPPF0 On 22/03/2019 Spot Bond					0.00000	100.65820				0.00	0	0
Total BPPF07 SPOT										0.00	0	0
Total For BPPF07										0.00	0	0
BPPF0 On 22/03/2021 Spot Bond					0.00000	100.69059				0.00	0	0
Total BPPF08 SPOT										0.00	0	0
Total For BPPF08										0.00	0	0
BPPF0 On 23/01/2019 Spot Bond					0.00000	100.04117				0.00	0	0
Total BPPF09 SPOT										0.00	0	0
Total For BPPF09										0.00	0	0
BPPF1 On 23/07/2019 Spot Bond					0.00000	100.03954				0.00	0	0
Total BPPF10 SPOT										0.00	0	0
Total For BPPF10										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
BPPF1 On 23/07/2021 Spot Bond					0.00000	100.04141				0.00	0	0
Total BPPF11 SPOT										0.00	0	0
Total For BPPF11										0.00	0	0
BPPF1 On 09/10/2019 Spot Bond					0.00000	100.35186				0.00	0	0
Total BPPF12 SPOT										0.00	0	0
Total For BPPF12										0.00	0	0
BPPF1 On 09/10/2023 Spot Bond					0.00000	100.37675				0.00	0	0
Total BPPF13 SPOT										0.00	0	0
Total For BPPF13										0.00	0	0
BS2A1 On 01/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BS2A1U SPOT										0.00	0	0
Total For BS2A1U										0.00	0	0
BS2A2 On 01/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BS2A2U SPOT										0.00	0	0
Total For BS2A2U										0.00	0	0
BS2B1 On 01/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BS2B1U SPOT										0.00	0	0
Total For BS2B1U										0.00	0	0
BS2C1 On 01/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total BS2C1U SPOT										0.00	0	0
Total For BS2C1U										0.00	0	0
BWZ20 On 27/03/2020 Spot Bond					0.00000	100.71185				0.00	0	0
Total BWZ20A SPOT										0.00	0	0
Total For BWZ20A										0.00	0	0
BWZ21 On 27/03/2021 Spot Bond					0.00000	100.70408				0.00	0	0
Total BWZ21B SPOT										0.00	0	0
Total For BWZ21B										0.00	0	0
BWZJ1 On 19/11/2018 Spot Bond					0.00000	101.69837				0.00	0	0
Total BWZJ18 SPOT										0.00	0	0
Total For BWZJ18										0.00	0	0
BWZJ1 On 10/11/2019 Spot Bond					0.00000	102.33645				0.00	0	0
Total BWZJ19 SPOT										0.00	0	0
Total For BWZJ19										0.00	0	0
BWZJ2 On 10/11/2021 Spot Bond					0.00000	101.94280				0.00	0	0
Total BWZJ21 SPOT										0.00	0	0
Total For BWZJ21										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
BX161L On 01/10/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BX161U SPOT									0.00	0	0
Total For BX161U									0.00	0	0
BX162L On 01/10/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BX162U SPOT									0.00	0	0
Total For BX162U									0.00	0	0
BX163L On 01/10/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BX163U SPOT									0.00	0	0
Total For BX163U									0.00	0	0
BX164L On 01/10/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BX164U SPOT									0.00	0	0
Total For BX164U									0.00	0	0
BYA68L On 30/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BYA68U SPOT									0.00	0	0
Total For BYA68U									0.00	0	0
BYB10L On 30/09/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total BYB10U SPOT									0.00	0	0
Total For BYB10U									0.00	0	0
CBL13 On 01/02/2019 Spot Bond					0.00000	103.11294			0.00	0	0
Total CBL13 SPOT									0.00	0	0
Total For CBL13									0.00	0	0
CBL14 On 01/02/2019 Spot Bond			11.53500	102.59749	11.53500	102.56605			0.00	0	0
Total CBL14 SPOT									0.00	0	0
Total For CBL14									0.00	0	0
CBL17 On 23/08/2019 Spot Bond					0.00000	103.92003			0.00	0	0
Total CBL17 SPOT									0.00	0	0
Total For CBL17									0.00	0	0
CBL18 On 23/08/2019 Spot Bond			9.03500	103.47368	9.03500	103.44884			0.00	0	0
Total CBL18 SPOT									0.00	0	0
Total For CBL18									0.00	0	0
CBL20 On 14/12/2019 Spot Bond					0.00000	103.98511			0.00	0	0
Total CBL20 SPOT									0.00	0	0
Total For CBL20									0.00	0	0
CBL22 On 06/05/2020 Spot Bond			9.79000	102.19765	9.79000	102.17111			0.00	0	0
Total CBL22 SPOT									0.00	0	0
Total For CBL22									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
CBL24 On 02/11/2020 Spot Bond					0.00000	102.20907			0.00	0	0
Total CBL24 SPOT									0.00	0	0
Total For CBL24									0.00	0	0
CBL25 On 06/05/2019 Spot Bond					0.00000	102.42906			0.00	0	0
Total CBL25 SPOT									0.00	0	0
Total For CBL25									0.00	0	0
CBL26 On 06/05/2021 Spot Bond			10.09000	107.44368	10.09000	107.41495			0.00	0	0
Total CBL26 SPOT									0.00	0	0
Total For CBL26									0.00	0	0
CBL27 On 12/05/2020 Spot Bond					0.00000	102.76757			0.00	0	1,500,000,000
Total CBL27 SPOT									0.00	0	1,500,000,000
Total For CBL27									0.00	0	1,500,000,000
CBL28 On 21/05/2021 Spot Bond					0.00000	101.53548			0.00	0	0
Total CBL28 SPOT									0.00	0	0
Total For CBL28									0.00	0	0
CCT01 On 23/06/2023 Spot Bond			10.52000	111.65793	10.52000	111.62666			0.00	0	0
Total CCT01 SPOT									0.00	0	0
Total For CCT01									0.00	0	0
CCT02 On 12/06/2024 Spot Bond			10.59500	108.52994	10.59500	108.49933		22,037,600,000,000.00	2,080,000,000	820,000,000	
Total CCT02 SPOT								22,037,600,000,000.00	2,080,000,000	820,000,000	
Total For CCT02								22,037,600,000,000.00	2,080,000,000	820,000,000	
CCT03 On 15/03/2025 Spot Bond			10.75000	103.09841	10.75000	103.06858		13,394,500,000,000.00	1,246,000,000	313,000,000	
Total CCT03 SPOT								13,394,500,000,000.00	1,246,000,000	313,000,000	
Total For CCT03								13,394,500,000,000.00	1,246,000,000	313,000,000	
CCT04 On 17/07/2027 Spot Bond			10.69500	10.69500	10.69500	100.95419		0.00	0	0	
Total CCT04 SPOT								0.00	0	0	
Total For CCT04								0.00	0	0	
CGR14 On 25/11/2020 Spot Bond			10.00000	111.85580	10.00000	111.82660		0.00	0	0	
Total CGR14/JIBAR SPOT								0.00	0	0	
Total For CGR14/JIBAR								0.00	0	0	
CGR21 On 12/10/2020 Spot Bond					0.00000	100.40965		0.00	0	0	
Total CGR21 SPOT								0.00	0	0	
Total For CGR21								0.00	0	0	
CGR23 On 08/02/2019 Spot Bond					0.00000	102.35470		0.00	0	0	
Total CGR23 SPOT								0.00	0	0	
Total For CGR23								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
CGR24 On 08/02/2021 Spot Bond					0.00000	104.66103			0.00	0	0
Total CGR24 SPOT									0.00	0	0
Total For CGR24									0.00	0	0
CGR25 On 27/06/2019 Spot Bond					0.00000	101.52554			0.00	0	0
Total CGR25 SPOT									0.00	0	0
Total For CGR25									0.00	0	0
CGR27 On 25/11/2019 Spot Bond					0.00000	102.34633			0.00	0	0
Total CGR27 SPOT									0.00	0	0
Total For CGR27									0.00	0	0
CGR29 On 08/02/2021 Spot Bond					0.00000	103.62823			0.00	0	0
Total CGR29 SPOT									0.00	0	0
Total For CGR29									0.00	0	0
CGR32 On 21/07/2020 Spot Bond					0.00000	100.03207			0.00	0	0
Total CGR32 SPOT									0.00	0	0
Total For CGR32									0.00	0	0
CGR33 On 22/09/2020 Spot Bond					0.00000	100.90113			0.00	0	0
Total CGR33 SPOT									0.00	0	0
Total For CGR33									0.00	0	0
CGR37 On 08/02/2019 Spot Bond					0.00000	101.86516			0.00	0	0
Total CGR37 SPOT									0.00	0	0
Total For CGR37									0.00	0	0
CGR38 On 13/02/2021 Spot Bond					0.00000	102.21034			0.00	0	0
Total CGR38 SPOT									0.00	0	0
Total For CGR38									0.00	0	0
CGR39 On 04/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CGR39U SPOT									0.00	0	0
Total For CGR39U									0.00	0	0
CGR40 On 04/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CGR40U SPOT									0.00	0	0
Total For CGR40U									0.00	0	0
CGR41 On 25/06/2021 Spot Bond					0.00000	100.90271			0.00	0	0
Total CGR41 SPOT									0.00	0	0
Total For CGR41									0.00	0	0
CGR42 On 03/08/2023 Spot Bond					0.00000	99.67223			0.00	0	0
Total CGR42 SPOT									0.00	0	0
Total For CGR42									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
CIG09L On 07/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CIG09U SPOT									0.00	0	0
Total For CIG09U									0.00	0	0
CLA1U On 21/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CLA1U SPOT									0.00	0	0
Total For CLA1U									0.00	0	0
CLA2U On 21/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CLA2U SPOT									0.00	0	0
Total For CLA2U									0.00	0	0
CLA3U On 21/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CLA3U SPOT									0.00	0	0
Total For CLA3U									0.00	0	0
CLB1U On 21/11/2046 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CLB1U SPOT									0.00	0	0
Total For CLB1U									0.00	0	0
CLC1U On 21/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CLC1U SPOT									0.00	0	0
Total For CLC1U									0.00	0	0
CLN184 On 01/07/2021 Spot Bond			10.11000	10.11000	10.11000	103.15775			0.00	0	0
Total CLN184 SPOT									0.00	0	0
Total For CLN184									0.00	0	0
CLN193 On 29/08/2021 Spot Bond			3.14000	147.65680	3.14000	147.53112			0.00	0	0
Total CLN193 SPOT									0.00	0	0
Total For CLN193									0.00	0	0
CLN198 On 13/09/2021 Spot Bond			4.01000	4.01000	4.01000	143.41879			0.00	0	0
Total CLN198 SPOT									0.00	0	0
Total For CLN198									0.00	0	0
CLN230 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total CLN230/JIBAR SPOT									0.00	0	0
Total For CLN230/JIBAR									0.00	0	0
CLN231 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total CLN231/JIBAR SPOT									0.00	0	0
Total For CLN231/JIBAR									0.00	0	0
CLN242 On 24/02/2019 Spot Bond			8.59000	101.77676	8.59000	101.78114			0.00	0	0
Total CLN242 SPOT									0.00	0	0
Total For CLN242									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN24: On 24/02/2019 Spot Bond			9.35000	101.52805	9.35000	101.50283				0.00	0	0
Total CLN243 SPOT										0.00	0	0
Total For CLN243										0.00	0	0
CLN26: On 26/03/2019 Spot Bond			7.96500	101.48109	7.96500	101.45965				0.00	0	0
Total CLN262 SPOT										0.00	0	0
Total For CLN262										0.00	0	0
CLN29: On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total CLN292/JIBAR SPOT										0.00	0	0
Total For CLN292/JIBAR										0.00	0	0
CLN31: On 14/11/2022 Spot Bond					0.00000	101.93398				0.00	0	0
Total CLN313 SPOT										0.00	0	0
Total For CLN313										0.00	0	0
CLN31: On 14/11/2022 Spot Bond			11.38500	98.40690	11.38500	98.37730				0.00	0	0
Total CLN314 SPOT										0.00	0	0
Total For CLN314										0.00	0	0
CLN31: On 20/03/2023 Spot Bond			11.90500	94.81362	11.90500	94.78334				0.00	0	0
Total CLN315 SPOT										0.00	0	0
Total For CLN315										0.00	0	0
CLN31: On 20/03/2023 Spot Bond					0.00000	100.98521				0.00	0	0
Total CLN317 SPOT										0.00	0	0
Total For CLN317										0.00	0	0
CLN31: On 14/11/2022 Spot Bond					0.00000	101.89476				0.00	0	0
Total CLN318 SPOT										0.00	0	0
Total For CLN318										0.00	0	0
CLN32: On 20/06/2023 Spot Bond					0.00000	100.98323				0.00	0	0
Total CLN327 SPOT										0.00	0	0
Total For CLN327										0.00	0	0
CLN34: On 20/12/2018 Spot Bond					0.00000	101.53443				0.00	0	0
Total CLN340 SPOT										0.00	0	0
Total For CLN340										0.00	0	0
CLN34: On 20/12/2023 Spot Bond					0.00000	101.04917				0.00	0	0
Total CLN343 SPOT										0.00	0	0
Total For CLN343										0.00	0	0
CLN34: On 20/12/2018 Spot Bond					0.00000	100.83212				0.00	0	0
Total CLN344 SPOT										0.00	0	0
Total For CLN344										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN34(On 20/12/2023 Spot Bond					0.00000	100.19337				0.00	0	0
Total CLN345 SPOT										0.00	0	0
Total For CLN345										0.00	0	0
CLN35(On 28/10/2018 Spot Bond					0.00000	99.91255				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN36(On 20/03/2019 Spot Bond					0.00000	100.81138				0.00	0	0
Total CLN360 SPOT										0.00	0	0
Total For CLN360										0.00	0	0
CLN36(On 20/03/2024 Spot Bond			10.56500	100.96710	10.56500	100.93838				0.00	0	0
Total CLN362 SPOT										0.00	0	0
Total For CLN362										0.00	0	0
CLN36(On 20/03/2024 Spot Bond					0.00000	100.87507				0.00	0	0
Total CLN363 SPOT										0.00	0	0
Total For CLN363										0.00	0	0
CLN36(On 06/08/2023 Spot Bond					0.00000	102.32472				0.00	0	0
Total CLN364 SPOT										0.00	0	0
Total For CLN364										0.00	0	0
CLN36(On 20/03/2024 Spot Bond			12.70500	102.31079	12.70500	102.27599				0.00	0	0
Total CLN365 SPOT										0.00	0	0
Total For CLN365										0.00	0	0
CLN36(On 06/08/2023 Spot Bond					0.00000	102.41204				0.00	0	0
Total CLN366 SPOT										0.00	0	0
Total For CLN366										0.00	0	0
CLN37(On 26/07/2022 Spot Bond					0.00000	99.97587				0.00	0	0
Total CLN370 SPOT										0.00	0	0
Total For CLN370										0.00	0	0
CLN37(On 20/03/2024 Spot Bond					0.00000	109.85745				0.00	0	0
Total CLN371 SPOT										0.00	0	0
Total For CLN371										0.00	0	0
CLN37(On 20/09/2023 Spot Bond					0.00000	100.86322				0.00	0	0
Total CLN372 SPOT										0.00	0	0
Total For CLN372										0.00	0	0
CLN37(On 20/03/2021 Spot Bond			9.49000	101.78443	9.49000	101.75836				0.00	0	0
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN376 On 20/06/2019 Spot Bond					0.00000	99.32363				0.00	0	0
Total CLN378 SPOT										0.00	0	0
Total For CLN378										0.00	0	0
CLN377 On 20/03/2024 Spot Bond			10.98000	99.30928	10.98000	99.27996				0.00	0	0
Total CLN379 SPOT										0.00	0	0
Total For CLN379										0.00	0	0
CLN380 On 20/09/2024 Spot Bond			11.00000	101.07059	11.00000	101.04069				0.00	0	0
Total CLN380 SPOT										0.00	0	0
Total For CLN380										0.00	0	0
CLN381 On 20/03/2021 Spot Bond					0.00000	100.97347				0.00	0	0
Total CLN382 SPOT										0.00	0	0
Total For CLN382										0.00	0	0
CLN382 On 20/09/2024 Spot Bond			12.49500	99.28716	12.49500	99.25393				0.00	0	0
Total CLN384 SPOT										0.00	0	0
Total For CLN384										0.00	0	0
CLN383 On 20/09/2024 Spot Bond					0.00000	101.05652				0.00	0	0
Total CLN385 SPOT										0.00	0	0
Total For CLN385										0.00	0	0
CLN384 On 20/03/2021 Spot Bond					0.00000	100.87914				0.00	0	0
Total CLN386 SPOT										0.00	0	0
Total For CLN386										0.00	0	0
CLN385 On 26/01/2021 Spot Bond					0.00000	99.97415				0.00	0	0
Total CLN387 SPOT										0.00	0	0
Total For CLN387										0.00	0	0
CLN386 On 20/09/2019 Spot Bond					0.00000	100.93138				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN390 On 20/12/2019 Spot Bond					0.00000	107.14677				0.00	0	0
Total CLN393 SPOT										0.00	0	0
Total For CLN393										0.00	0	0
CLN391 On 20/09/2022 Spot Bond					0.00000	100.88400				0.00	0	0
Total CLN394 SPOT										0.00	0	0
Total For CLN394										0.00	0	0
CLN392 On 20/03/2020 Spot Bond					0.00000	100.95034				0.00	0	0
Total CLN396 SPOT										0.00	0	0
Total For CLN396										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN397 On 20/06/2020 Spot Bond					0.00000	101.47696				0.00	0	0
Total CLN397 SPOT										0.00	0	0
Total For CLN397										0.00	0	0
CLN398 On 14/11/2022 Spot Bond					0.00000	101.83199				0.00	0	0
Total CLN398 SPOT										0.00	0	0
Total For CLN398										0.00	0	0
CLN399 On 14/11/2022 Spot Bond					0.00000	101.82218				0.00	0	0
Total CLN399 SPOT										0.00	0	0
Total For CLN399										0.00	0	0
CLN400 On 20/06/2020 Spot Bond					0.00000	100.88388				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN406 On 20/06/2020 Spot Bond					0.00000	102.39587				0.00	0	0
Total CLN406 SPOT										0.00	0	0
Total For CLN406										0.00	0	0
CLN407 On 20/06/2020 Spot Bond					0.00000	100.88860				0.00	0	0
Total CLN407 SPOT										0.00	0	0
Total For CLN407										0.00	0	0
CLN409 On 18/07/2020 Spot Bond					0.00000	100.20257				0.00	0	0
Total CLN409 SPOT										0.00	0	0
Total For CLN409										0.00	0	0
CLN410 On 20/09/2020 Spot Bond					0.00000	100.97355				0.00	0	0
Total CLN410 SPOT										0.00	0	0
Total For CLN410										0.00	0	0
CLN411 On 20/09/2020 Spot Bond					0.00000	100.97826				0.00	0	0
Total CLN411 SPOT										0.00	0	0
Total For CLN411										0.00	0	0
CLN412 On 18/07/2020 Spot Bond					0.00000	100.20350				0.00	0	0
Total CLN412 SPOT										0.00	0	0
Total For CLN412										0.00	0	0
CLN413 On 20/09/2020 Spot Bond					0.00000	102.20290				0.00	0	0
Total CLN413 SPOT										0.00	0	0
Total For CLN413										0.00	0	0
CLN415 On 20/09/2020 Spot Bond					0.00000	101.01125				0.00	0	0
Total CLN415 SPOT										0.00	0	0
Total For CLN415										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN416 On 18/07/2020 Spot Bond					0.00000	100.21556				0.00	0	0
Total CLN416 SPOT										0.00	0	0
Total For CLN416										0.00	0	0
CLN418 On 23/09/2020 Spot Bond					0.00000	100.86054				0.00	0	0
Total CLN418 SPOT										0.00	0	0
Total For CLN418										0.00	0	0
CLN419 On 20/12/2020 Spot Bond					0.00000	101.05840				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN42 On 18/04/2028 Spot Bond			7.01000	7.01000	7.01000	52.61059				0.00	0	0
Total CLN42 SPOT										0.00	0	0
Total For CLN42										0.00	0	0
CLN420 On 20/12/2020 Spot Bond					0.00000	101.06781				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN421 On 26/01/2021 Spot Bond					0.00000	99.96729				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0
CLN422 On 20/12/2020 Spot Bond					0.00000	115.86915				0.00	0	0
Total CLN422 SPOT										0.00	0	0
Total For CLN422										0.00	0	0
CLN423 On 20/12/2020 Spot Bond					0.00000	112.85313				0.00	0	0
Total CLN423 SPOT										0.00	0	0
Total For CLN423										0.00	0	0
CLN424 On 20/12/2020 Spot Bond					0.00000	115.83546				0.00	0	0
Total CLN424 SPOT										0.00	0	0
Total For CLN424										0.00	0	0
CLN425 On 20/12/2020 Spot Bond					0.00000	102.94398				0.00	0	0
Total CLN425 SPOT										0.00	0	0
Total For CLN425										0.00	0	0
CLN426 On 20/12/2020 Spot Bond					0.00000	113.19431				0.00	0	0
Total CLN426 SPOT										0.00	0	0
Total For CLN426										0.00	0	0
CLN427 On 20/12/2018 Spot Bond					0.00000	101.29804				0.00	0	0
Total CLN427 SPOT										0.00	0	0
Total For CLN427										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN429 On 20/12/2020 Spot Bond					0.00000	101.25583				0.00	0	0
Total CLN429 SPOT										0.00	0	0
Total For CLN429										0.00	0	0
CLN430 On 20/12/2020 Spot Bond					0.00000	130.22416				0.00	0	0
Total CLN430 SPOT										0.00	0	0
Total For CLN430										0.00	0	0
CLN431 On 20/12/2020 Spot Bond					0.00000	117.90227				0.00	0	0
Total CLN431 SPOT										0.00	0	0
Total For CLN431										0.00	0	0
CLN432 On 20/12/2020 Spot Bond					0.00000	119.70634				0.00	0	0
Total CLN432 SPOT										0.00	0	0
Total For CLN432										0.00	0	0
CLN433 On 20/12/2020 Spot Bond					0.00000	121.32108				0.00	0	0
Total CLN433 SPOT										0.00	0	0
Total For CLN433										0.00	0	0
CLN434 On 20/12/2020 Spot Bond					0.00000	131.13193				0.00	0	0
Total CLN434 SPOT										0.00	0	0
Total For CLN434										0.00	0	0
CLN436 On 20/12/2020 Spot Bond					0.00000	100.96887				0.00	0	0
Total CLN436 SPOT										0.00	0	0
Total For CLN436										0.00	0	0
CLN437 On 20/12/2020 Spot Bond					0.00000	100.92642				0.00	0	0
Total CLN437 SPOT										0.00	0	0
Total For CLN437										0.00	0	0
CLN439 On 03/02/2021 Spot Bond					0.00000	99.73049				0.00	0	0
Total CLN439 SPOT										0.00	0	0
Total For CLN439										0.00	0	0
CLN440 On 20/03/2021 Spot Bond					0.00000	132.34026				0.00	0	0
Total CLN440 SPOT										0.00	0	0
Total For CLN440										0.00	0	0
CLN441 On 20/03/2021 Spot Bond					0.00000	101.72288				0.00	0	0
Total CLN441 SPOT										0.00	0	0
Total For CLN441										0.00	0	0
CLN444 On 23/05/2021 Spot Bond					0.00000	101.70586				0.00	0	0
Total CLN444 SPOT										0.00	0	0
Total For CLN444										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN444 On 24/05/2021 Spot Bond			9.59000	108.68797	9.59000	108.66031				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN452 On 31/01/2022 Spot Bond			4.56000	147.23493	4.56000	147.17744				0.00	0	0
Total CLN452 SPOT										0.00	0	0
Total For CLN452										0.00	0	0
CLN453 On 31/01/2025 Spot Bond			6.77000	106.67184	6.77000	106.62396				0.00	0	0
Total CLN453 SPOT										0.00	0	0
Total For CLN453										0.00	0	0
CLN454 On 31/01/2025 Spot Bond			6.41000	108.85792	6.41000	108.81010				0.00	0	0
Total CLN454 SPOT										0.00	0	0
Total For CLN454										0.00	0	0
CLN455 On 04/05/2021 Spot Bond					0.00000	101.66035				0.00	0	0
Total CLN455 SPOT										0.00	0	0
Total For CLN455										0.00	0	0
CLN456 On 20/12/2021 Spot Bond					0.00000	101.08873				0.00	0	0
Total CLN456 SPOT										0.00	0	0
Total For CLN456										0.00	0	0
CLN457 On 17/11/2021 Spot Bond					0.00000	101.76492				0.00	0	0
Total CLN457 SPOT										0.00	0	0
Total For CLN457										0.00	0	0
CLN458 On 29/11/2021 Spot Bond					0.00000	102.40307				0.00	0	0
Total CLN458 SPOT										0.00	0	0
Total For CLN458										0.00	0	0
CLN460 On 29/11/2021 Spot Bond					0.00000	101.45801				0.00	0	0
Total CLN460 SPOT										0.00	0	0
Total For CLN460										0.00	0	0
CLN461 On 15/02/2022 Spot Bond					0.00000	105.80153				0.00	0	0
Total CLN461 SPOT										0.00	0	0
Total For CLN461										0.00	0	0
CLN462 On 16/02/2022 Spot Bond			10.66000	103.16149	10.66000	103.13239				0.00	0	0
Total CLN462 SPOT										0.00	0	0
Total For CLN462										0.00	0	0
CLN464 On 13/03/2022 Spot Bond			10.31500	100.41873	10.31500	100.39084				0.00	0	0
Total CLN464 SPOT										0.00	0	0
Total For CLN464										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN465 On 14/03/2020 Spot Bond					0.00000	100.99713				0.00	0	0
Total CLN465 SPOT										0.00	0	0
Total For CLN465										0.00	0	0
CLN467 On 27/03/2020 Spot Bond					0.00000	100.66651				0.00	0	0
Total CLN467 SPOT										0.00	0	0
Total For CLN467										0.00	0	0
CLN468 On 28/03/2020 Spot Bond					0.00000	100.66240				0.00	0	0
Total CLN468 SPOT										0.00	0	0
Total For CLN468										0.00	0	0
CLN469 On 28/03/2022 Spot Bond					0.00000	101.99691				0.00	0	0
Total CLN469 SPOT										0.00	0	0
Total For CLN469										0.00	0	0
CLN471 On 17/05/2019 Spot Bond					0.00000	101.62419				0.00	0	0
Total CLN471 SPOT										0.00	0	0
Total For CLN471										0.00	0	0
CLN472 On 19/11/2022 Spot Bond					0.00000	101.83773				0.00	0	0
Total CLN472 SPOT										0.00	0	0
Total For CLN472										0.00	0	0
CLN475 On 23/06/2021 Spot Bond					0.00000	101.63261				0.00	0	0
Total CLN475 SPOT										0.00	0	0
Total For CLN475										0.00	0	0
CLN476 On 20/09/2020 Spot Bond					0.00000	100.97826				0.00	0	0
Total CLN476 SPOT										0.00	0	0
Total For CLN476										0.00	0	0
CLN477 On 29/11/2021 Spot Bond			100.00000	20.43574	100.00000	20.39076				0.00	0	0
Total CLN477 SPOT										0.00	0	0
Total For CLN477										0.00	0	0
CLN480 On 01/07/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total CLN480 SPOT										0.00	0	0
Total For CLN480										0.00	0	0
CLN481 On 07/06/2022 Spot Bond					0.00000	101.62612				0.00	0	0
Total CLN481 SPOT										0.00	0	0
Total For CLN481										0.00	0	0
CLN482 On 20/05/2021 Spot Bond					0.00000	101.71562				0.00	0	0
Total CLN482 SPOT										0.00	0	0
Total For CLN482										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN48: On 20/05/2021 Spot Bond					0.00000	103.43277				0.00	0	0
Total CLN483 SPOT										0.00	0	0
Total For CLN483										0.00	0	0
CLN48: On 02/12/2021 Spot Bond					0.00000	102.39284				0.00	0	0
Total CLN484 SPOT										0.00	0	0
Total For CLN484										0.00	0	0
CLN48: On 02/12/2021 Spot Bond			9.59000	104.01913	9.59000	103.99250				0.00	0	0
Total CLN485 SPOT										0.00	0	0
Total For CLN485										0.00	0	0
CLN48: On 20/06/2022 Spot Bond					0.00000	101.52529				0.00	0	0
Total CLN486 SPOT										0.00	0	0
Total For CLN486										0.00	0	0
CLN48: On 07/12/2021 Spot Bond			12.99500	103.94793	12.99500	103.79961				0.00	0	0
Total CLN487 SPOT										0.00	0	0
Total For CLN487										0.00	0	0
CLN48: On 28/07/2022 Spot Bond			9.79500	100.22368	9.79500	100.19765				0.00	0	0
Total CLN488 SPOT										0.00	0	0
Total For CLN488										0.00	0	0
CLN48: On 28/03/2020 Spot Bond					0.00000	100.65513				0.00	0	0
Total CLN489 SPOT										0.00	0	0
Total For CLN489										0.00	0	0
CLN49: On 28/03/2022 Spot Bond					0.00000	101.26618				0.00	0	0
Total CLN490 SPOT										0.00	0	0
Total For CLN490										0.00	0	0
CLN49: On 07/06/2022 Spot Bond					0.00000	101.62612				0.00	0	0
Total CLN491 SPOT										0.00	0	0
Total For CLN491										0.00	0	0
CLN49: On 30/09/2019 Spot Bond					0.00000	100.64370				0.00	0	0
Total CLN492 SPOT										0.00	0	0
Total For CLN492										0.00	0	0
CLN49: On 20/06/2022 Spot Bond					0.00000	100.97757				0.00	0	0
Total CLN493 SPOT										0.00	0	0
Total For CLN493										0.00	0	0
CLN49: On 07/06/2022 Spot Bond			12.09000	104.71093	12.09000	103.97661				0.00	0	0
Total CLN494 SPOT										0.00	0	0
Total For CLN494										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN495 On 29/08/2020 Spot Bond					0.00000	101.37280				0.00	0	0
Total CLN495 SPOT										0.00	0	0
Total For CLN495										0.00	0	0
CLN496 On 04/09/2024 Spot Bond			10.59500	99.17180	10.59500	99.14352				0.00	0	0
Total CLN496 SPOT										0.00	0	0
Total For CLN496										0.00	0	0
CLN497 On 04/09/2024 Spot Bond					0.00000	102.95869				0.00	0	0
Total CLN497 SPOT										0.00	0	0
Total For CLN497										0.00	0	0
CLN498 On 08/06/2022 Spot Bond					0.00000	104.13345				0.00	0	0
Total CLN498 SPOT										0.00	0	0
Total For CLN498										0.00	0	0
CLN499 On 20/05/2021 Spot Bond					0.00000	101.66169				0.00	0	0
Total CLN499 SPOT										0.00	0	0
Total For CLN499										0.00	0	0
CLN500 On 10/10/2020 Spot Bond					0.00000	100.36692				0.00	0	0
Total CLN500 SPOT										0.00	0	0
Total For CLN500										0.00	0	0
CLN501 On 11/10/2022 Spot Bond					0.00000	100.36308				0.00	0	0
Total CLN501 SPOT										0.00	0	0
Total For CLN501										0.00	0	0
CLN502 On 11/10/2024 Spot Bond					0.00000	100.37610				0.00	0	0
Total CLN502 SPOT										0.00	0	0
Total For CLN502										0.00	0	0
CLN503 On 20/12/2022 Spot Bond					0.00000	101.00863				0.00	0	0
Total CLN503 SPOT										0.00	0	0
Total For CLN503										0.00	0	0
CLN504 On 11/10/2024 Spot Bond					0.00000	100.37610				0.00	0	170,000,000
Total CLN504 SPOT										0.00	0	170,000,000
Total For CLN504										0.00	0	170,000,000
CLN505 On 24/10/2020 Spot Bond					0.00000	100.02170				0.00	0	0
Total CLN505 SPOT										0.00	0	0
Total For CLN505										0.00	0	0
CLN506 On 30/04/2019 Spot Bond					0.00000	99.89190				0.00	0	0
Total CLN506 SPOT										0.00	0	0
Total For CLN506										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN507 On 20/12/2022 Spot Bond					0.00000	100.98788				0.00	0	0
Total CLN507 SPOT										0.00	0	0
Total For CLN507										0.00	0	0
CLN508 On 24/02/2020 Spot Bond					0.00000	101.71071				0.00	0	0
Total CLN508 SPOT										0.00	0	0
Total For CLN508										0.00	0	0
CLN510 On 11/10/2020 Spot Bond					0.00000	100.35733				0.00	0	0
Total CLN510 SPOT										0.00	0	0
Total For CLN510										0.00	0	0
CLN511 On 14/11/2022 Spot Bond					0.00000	98.31893				0.00	0	0
Total CLN511 SPOT										0.00	0	0
Total For CLN511										0.00	0	0
CLN512 On 07/06/2022 Spot Bond					0.00000	101.52242				0.00	0	0
Total CLN512 SPOT										0.00	0	0
Total For CLN512										0.00	0	0
CLN514 On 23/02/2019 Spot Bond					0.00000	101.73978				0.00	0	0
Total CLN514 SPOT										0.00	0	0
Total For CLN514										0.00	0	0
CLN515 On 23/02/2019 Spot Bond					0.00000	102.08155				0.00	0	0
Total CLN515 SPOT										0.00	0	0
Total For CLN515										0.00	0	0
CLN516 On 15/09/2022 Spot Bond			9.96000	102.40124	9.96000	101.07982				0.00	0	0
Total CLN516 SPOT										0.00	0	0
Total For CLN516										0.00	0	0
CLN517 On 30/10/2022 Spot Bond			10.01000	99.92828	10.01000	99.86666				0.00	0	0
Total CLN517 SPOT										0.00	0	0
Total For CLN517										0.00	0	0
CLN518 On 25/11/2022 Spot Bond					0.00000	101.55685				0.00	0	0
Total CLN518 SPOT										0.00	0	0
Total For CLN518										0.00	0	0
CLN519 On 30/06/2022 Spot Bond			9.60000	100.45717	9.60000	100.43026				0.00	0	0
Total CLN519 SPOT										0.00	0	0
Total For CLN519										0.00	0	0
CLN520 On 12/03/2023 Spot Bond					0.00000	101.08007				0.00	0	0
Total CLN520 SPOT										0.00	0	0
Total For CLN520										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN52 On 17/09/2020 Spot Bond					0.00000	100.91040				0.00	0	0
Total CLN521 SPOT										0.00	0	0
Total For CLN521										0.00	0	0
CLN52 On 27/02/2023 Spot Bond					0.00000	101.44755				0.00	0	0
Total CLN522 SPOT										0.00	0	0
Total For CLN522										0.00	0	0
CLN52 On 13/05/2021 Spot Bond					0.00000	101.81327				0.00	0	0
Total CLN523 SPOT										0.00	0	0
Total For CLN523										0.00	0	0
CLN52 On 09/09/2022 Spot Bond			9.20000	101.17466	9.20000	101.14952				0.00	0	0
Total CLN524 SPOT										0.00	0	0
Total For CLN524										0.00	0	0
CLN52 On 24/04/2021 Spot Bond					0.00000	100.02187				0.00	0	0
Total CLN525 SPOT										0.00	0	0
Total For CLN525										0.00	0	0
CLN52 On 26/04/2023 Spot Bond					0.00000	99.97680				0.00	0	0
Total CLN526 SPOT										0.00	0	0
Total For CLN526										0.00	0	0
CLN52 On 21/02/2024 Spot Bond					0.00000	104.92591				0.00	0	0
Total CLN527 SPOT										0.00	0	0
Total For CLN527										0.00	0	0
CLN52 On 25/11/2022 Spot Bond					0.00000	102.84014				0.00	0	0
Total CLN528 SPOT										0.00	0	0
Total For CLN528										0.00	0	0
CLN52 On 29/11/2021 Spot Bond					0.00000	103.44303				0.00	0	0
Total CLN529 SPOT										0.00	0	0
Total For CLN529										0.00	0	0
CLN53 On 12/03/2021 Spot Bond					0.00000	101.03711				0.00	0	0
Total CLN530 SPOT										0.00	0	0
Total For CLN530										0.00	0	0
CLN53 On 12/03/2023 Spot Bond					0.00000	101.08007				0.00	0	0
Total CLN531 SPOT										0.00	0	0
Total For CLN531										0.00	0	0
CLN53 On 20/06/2023 Spot Bond					0.00000	100.94547				0.00	0	0
Total CLN532 SPOT										0.00	0	0
Total For CLN532										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
CLN53 On 20/06/2023 Spot Bond					0.00000	100.93131				0.00	0	0
Total CLN533 SPOT										0.00	0	0
Total For CLN533										0.00	0	0
CLN53 On 18/07/2025 Spot Bond					0.00000	100.18037				0.00	0	1,500,000,000
Total CLN534 SPOT										0.00	0	1,500,000,000
Total For CLN534										0.00	0	1,500,000,000
CLN53 On 18/07/2025 Spot Bond			10.77500	10.77500	10.77500	100.75248				0.00	0	0
Total CLN535 SPOT										0.00	0	0
Total For CLN535										0.00	0	0
CLN53 On 18/07/2023 Spot Bond					0.00000	100.17729				0.00	0	0
Total CLN536 SPOT										0.00	0	0
Total For CLN536										0.00	0	0
CLN53 On 25/10/2023 Spot Bond					0.00000	99.99988				0.00	0	0
Total CLN537 SPOT										0.00	0	0
Total For CLN537										0.00	0	0
CLN53 On 16/08/2023 Spot Bond					0.00000	101.83642				0.00	0	0
Total CLN538 SPOT										0.00	0	0
Total For CLN538										0.00	0	0
CLN53 On 20/12/2023 Spot Bond					0.00000	101.67498				0.00	0	0
Total CLN539 SPOT										0.00	0	0
Total For CLN539										0.00	0	0
CLN54 On 17/01/2024 Spot Bond					0.00000	101.20528				0.00	0	0
Total CLN540 SPOT										0.00	0	0
Total For CLN540										0.00	0	0
CLN54 On 20/12/2023 Spot Bond					0.00000	101.56617				0.00	0	4,660,000,000
Total CLN541 SPOT										0.00	0	4,660,000,000
Total For CLN541										0.00	0	4,660,000,000
CLN54 On 30/05/2022 Spot Bond					0.00000	100.69130				0.00	0	0
Total CLN542 SPOT										0.00	0	0
Total For CLN542										0.00	0	0
CLN54 On 07/06/2023 Spot Bond					0.00000	100.00000				0.00	0	0
Total CLN543 SPOT										0.00	0	0
Total For CLN543										0.00	0	0
CLN55 On 18/04/2028 Spot Bond					0.00000	220.48429				0.00	0	0
Total CLN55 SPOT										0.00	0	0
Total For CLN55										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
CLN61 On 02/03/2028 Spot Bond					0.00000	100.00000			0.00	0	0
Total CLN61 SPOT									0.00	0	0
Total For CLN61									0.00	0	0
CLN81 On 18/04/2028 Spot Bond			9.55000	91.38551	9.55000	91.36210			0.00	0	0
Total CLN81 SPOT									0.00	0	0
Total For CLN81									0.00	0	0
CLN88 On 28/04/2028 Spot Bond			9.16500	9.16500	9.16500	191.66674			0.00	0	0
Total CLN88 SPOT									0.00	0	0
Total For CLN88									0.00	0	0
CLN89 On 02/03/2028 Spot Bond			9.16500	9.16500	9.16500	192.33397			0.00	0	0
Total CLN89 SPOT									0.00	0	0
Total For CLN89									0.00	0	0
CLNF12 On 20/06/2019 Spot Bond					0.00000	100.86055			0.00	0	0
Total CLNF12 SPOT									0.00	0	0
Total For CLNF12									0.00	0	0
CLNF13 On 20/06/2019 Spot Bond					0.00000	101.01288			0.00	0	0
Total CLNF13 SPOT									0.00	0	0
Total For CLNF13									0.00	0	0
CLNF14 On 20/09/2019 Spot Bond					0.00000	100.86048			0.00	0	0
Total CLNF14 SPOT									0.00	0	0
Total For CLNF14									0.00	0	0
CLNF15 On 20/06/2020 Spot Bond					0.00000	100.89332			0.00	0	0
Total CLNF15 SPOT									0.00	0	0
Total For CLNF15									0.00	0	0
CLNF16 On 17/08/2021 Spot Bond					0.00000	101.75090			0.00	0	0
Total CLNF16 SPOT									0.00	0	0
Total For CLNF16									0.00	0	0
COJ05 On 05/06/2023 Spot Bond			9.16500	115.96877	9.16500	115.94039		5,499,000,000,000.00	600,000,000	300,000,000	
Total COJ05 SPOT								5,499,000,000,000.00	600,000,000	300,000,000	
Total For COJ05								5,499,000,000,000.00	600,000,000	300,000,000	
COJ07 On 23/03/2021 Spot Bond			9.70000	103.23522	9.70000	103.20822		0.00	0	75,000,000	
Total COJ07 SPOT								0.00	0	75,000,000	
Total For COJ07								0.00	0	75,000,000	
COJ08 On 22/06/2026 Spot Bond			10.80500	107.23897	10.80500	107.20815		0.00	0	0	
Total COJ08 SPOT								0.00	0	0	
Total For COJ08								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
COJG0 On 09/06/2024 Spot Bond			10.39500	102.94443	10.39500	102.91593			0.00	0	60,000,000
Total COJG01 SPOT									0.00	0	60,000,000
Total For COJG01									0.00	0	60,000,000
COT01 On 03/04/2023 Spot Bond			10.63000	95.29463	10.63000	95.26753			0.00	0	0
Total COT01 SPOT									0.00	0	0
Total For COT01									0.00	0	0
COT02 On 03/04/2028 Spot Bond			11.94000	90.93355	11.94000	90.90457		4,776,000,000,000.00		400,000,000	100,000,000
Total COT02 SPOT								4,776,000,000,000.00		400,000,000	100,000,000
Total For COT02								4,776,000,000,000.00		400,000,000	100,000,000
COT03 On 05/06/2028 Spot Bond			11.89500	89.94602	11.89500	89.91762			0.00	0	0
Total COT03 SPOT									0.00	0	0
Total For COT03									0.00	0	0
CPV01 On 30/06/2029 Spot Bond			12.61000	12.61000	12.61000	96.87198			0.00	0	0
Total CPV01 SPOT									0.00	0	0
Total For CPV01									0.00	0	0
CS002 On 17/12/2020 Spot Bond					0.00000	100.91453			0.00	0	0
Total CS002 SPOT									0.00	0	0
Total For CS002									0.00	0	0
CS003 On 12/08/2021 Spot Bond					0.00000	100.91289			0.00	0	0
Total CS003 SPOT									0.00	0	0
Total For CS003									0.00	0	0
CSA04I On 06/06/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CSA04U SPOT									0.00	0	0
Total For CSA04U									0.00	0	0
CSD04I On 06/06/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total CSD04U SPOT									0.00	0	0
Total For CSD04U									0.00	0	0
DEN80 On 11/12/2018 Spot Bond					0.00000	101.13431			0.00	0	0
Total DEN80 SPOT									0.00	0	0
Total For DEN80									0.00	0	0
DENG8 On 11/09/2019 Spot Bond					0.00000	101.05112			0.00	0	0
Total DENG83 SPOT									0.00	0	0
Total For DENG83									0.00	0	0
DENG8 On 23/09/2019 Spot Bond					0.00000	100.80777			0.00	0	0
Total DENG84 SPOT									0.00	0	0
Total For DENG84									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
DENG8 On 21/09/2021 Spot Bond					0.00000	100.86460			0.00	0	0
Total DENG85 SPOT									0.00	0	0
Total For DENG85									0.00	0	0
DENG8 On 27/09/2019 Spot Bond					0.00000	100.64312			0.00	0	0
Total DENG86 SPOT									0.00	0	0
Total For DENG86									0.00	0	0
DENG8 On 28/09/2021 Spot Bond					0.00000	100.68595			0.00	0	0
Total DENG87 SPOT									0.00	0	0
Total For DENG87									0.00	0	0
DENG8 On 28/09/2023 Spot Bond					0.00000	100.72956			0.00	0	0
Total DENG88 SPOT									0.00	0	0
Total For DENG88									0.00	0	0
DOL00 On 24/01/2019 Spot Bond					0.00000	100.03510			0.00	0	0
Total DOL004 SPOT									0.00	0	0
Total For DOL004									0.00	0	0
DOL00 On 20/12/2019 Spot Bond					0.00000	85.55895			0.00	0	0
Total DOL009 SPOT									0.00	0	0
Total For DOL009									0.00	0	0
DOL01 On 20/12/2021 Spot Bond					0.00000	101.63533			0.00	0	0
Total DOL012 SPOT									0.00	0	0
Total For DOL012									0.00	0	0
DSY01 On 21/11/2022 Spot Bond					0.00000	101.54951			0.00	0	0
Total DSY01 SPOT									0.00	0	0
Total For DSY01									0.00	0	0
DSY02 On 21/11/2024 Spot Bond					0.00000	101.78431			0.00	0	0
Total DSY02 SPOT									0.00	0	0
Total For DSY02									0.00	0	0
DSY03 On 21/11/2024 Spot Bond			10.21500	10.21500	10.21500	105.53495			0.00	0	0
Total DSY03 SPOT									0.00	0	0
Total For DSY03									0.00	0	0
DSY04 On 21/08/2026 Spot Bond					0.00000	101.38898			0.00	0	0
Total DSY04 SPOT									0.00	0	0
Total For DSY04									0.00	0	0
DV2021 On 18/06/2021 Spot Bond			8.89000	103.51074	8.89000	103.48614		3,840,480,000,000.00		432,000,000	108,000,000
Total DV2021 SPOT								3,840,480,000,000.00		432,000,000	108,000,000
Total For DV2021								3,840,480,000,000.00		432,000,000	108,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
DV22 On 07/02/2020 Spot Bond			7.65000	104.19255	7.65000	104.17129			0.00	0	5,255,065,000
Total DV22 SPOT									0.00	0	5,255,065,000
Total For DV22									0.00	0	5,255,065,000
DV22/R On 07/02/2020 Spot Bond			100.00000	43.27372	100.00000	43.17847			0.00	0	0
Total DV22/R207 SPOT									0.00	0	0
Total For DV22/R207									0.00	0	0
DV23 On 27/02/2023 Spot Bond			9.69500	102.66389	9.69500	102.63748		2,063,099,878,000.00		212,800,400	427,901,200
Total DV23 SPOT								2,063,099,878,000.00		212,800,400	427,901,200
Total For DV23								2,063,099,878,000.00		212,800,400	427,901,200
DV23/R On 27/02/2023 Spot Bond			100.00000	14.08560	100.00000	14.05459			0.00	0	0
DV23/R On 27/02/2023 Spot Bond			100.00000	14.08560	100.00000	14.05459			0.00	0	0
Total DV23/R2023 SPOT									0.00	0	0
Total For DV23/R2023									0.00	0	0
DV24 On 18/02/2024 Spot Bond			9.79500	101.36280	9.79500	101.33646			0.00	0	0
Total DV24 SPOT									0.00	0	0
Total For DV24									0.00	0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	101.79007	9.69000	101.76390			0.00	0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	101.79007	9.69000	101.76390			0.00	0	0
Total DV24/R2023 SPOT									0.00	0	0
Total For DV24/R2023									0.00	0	0
DV29 On 18/02/2029 Spot Bond			11.45500	93.78229	11.45500	93.75390			0.00	0	0
Total DV29 SPOT									0.00	0	0
Total For DV29									0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	101.86466	10.10000	101.83738			0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	101.86466	10.10000	101.83738			0.00	0	0
Total DV29/R213 SPOT									0.00	0	0
Total For DV29/R213									0.00	0	0
DVC03 On 23/10/2018 Spot Bond					0.00000	0.00000			0.00	0	0
Total DVC030 SPOT									0.00	0	0
Total For DVC030									0.00	0	0
DVF19 On 31/05/2019 Spot Bond					0.00000	101.65427			0.00	0	0
Total DVF19 SPOT									0.00	0	0
Total For DVF19									0.00	0	0
DVF20 On 29/11/2019 Spot Bond					0.00000	101.37571			0.00	0	0
Total DVF20 SPOT									0.00	0	0
Total For DVF20									0.00	0	0
DVF20 On 28/03/2020 Spot Bond					0.00000	101.02329			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total DVF20B SPOT									0.00	0	0
Total For DVF20B									0.00	0	0
DVF20(On 31/08/2020 Spot Bond					0.00000	101.57116			0.00	0	0
Total DVF20C SPOT									0.00	0	0
Total For DVF20C									0.00	0	0
DVF20(On 23/10/2020 Spot Bond					0.00000	100.15041			0.00	0	0
Total DVF20D SPOT									0.00	0	0
Total For DVF20D									0.00	0	0
DVF21 On 29/11/2021 Spot Bond					0.00000	101.38373			0.00	0	0
Total DVF21 SPOT									0.00	0	0
Total For DVF21									0.00	0	0
DVF22 On 28/03/2022 Spot Bond					0.00000	101.31638			0.00	0	0
Total DVF22 SPOT									0.00	0	0
Total For DVF22									0.00	0	0
DVF22(On 29/08/2022 Spot Bond					0.00000	101.35745			0.00	0	0
Total DVF22B SPOT									0.00	0	0
Total For DVF22B									0.00	0	0
DVF22(On 24/10/2022 Spot Bond					0.00000	100.02131			0.00	0	0
Total DVF22C SPOT									0.00	0	0
Total For DVF22C									0.00	0	0
DVF24 On 23/10/2024 Spot Bond					0.00000	100.04410			0.00	0	0
Total DVF24 SPOT									0.00	0	0
Total For DVF24									0.00	0	0
E170 On 01/08/2020 Spot Bond			7.74500	112.45585	7.74500	112.43264		3,098,000,000,000.00	400,000,000	200,000,000	
Total E170 SPOT								3,098,000,000,000.00	400,000,000	200,000,000	
Total For E170								3,098,000,000,000.00	400,000,000	200,000,000	
E170/R On 01/08/2020 Spot Bond			100.00000	36.96853	100.00000	36.88716		0.00	0	0	
Total E170/R207 SPOT								0.00	0	0	
Total For E170/R207								0.00	0	0	
ECN20 On 14/03/2020 Spot Bond			8.40500	102.69720	8.40500	102.67384		0.00	0	0	
Total ECN20 SPOT								0.00	0	0	
Total For ECN20								0.00	0	0	
ECN22 On 14/03/2022 Spot Bond			9.30000	102.39284	9.30000	102.36714		0.00	0	0	
Total ECN22 SPOT								0.00	0	0	
Total For ECN22								0.00	0	0	
ECN24 On 14/03/2024 Spot Bond			10.10500	100.50095	10.10500	100.47359		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total ECN24 SPOT									0.00	0	0
Total For ECN24									0.00	0	0
ECN32 On 14/03/2032 Spot Bond			4.21000	103.17931	4.21000	103.13978			0.00	0	0
Total ECN32 SPOT									0.00	0	0
Total For ECN32									0.00	0	0
EL037 On 31/01/2037 Spot Bond			3.94000	95.73750	3.94000	95.70170			0.00	0	0
Total EL037 SPOT									0.00	0	0
Total For EL037									0.00	0	0
EL037/I On 31/01/2037 Spot Bond			2.25000	122.34117	2.25000	122.30095			0.00	0	0
Total EL037/I2038 SPOT									0.00	0	0
Total For EL037/I2038									0.00	0	0
EL28 On 02/05/2028 Spot Bond			3.78000	127.97601	3.79000	127.82261		11,340,000,000,000.00	3,000,000,000	3,000,000,000	
Total EL28 SPOT								11,340,000,000,000.00	3,000,000,000	3,000,000,000	
Total For EL28								11,340,000,000,000.00	3,000,000,000	3,000,000,000	
EL29 On 19/11/2029 Spot Bond			3.80000	115.57746	3.80000	115.53466		0.00	0	0	
Total EL29 SPOT								0.00	0	0	
Total For EL29								0.00	0	0	
EL30 On 29/07/2030 Spot Bond			3.80000	113.51166	3.80000	113.46963		0.00	0	0	
Total EL30 SPOT								0.00	0	0	
Total For EL30								0.00	0	0	
EL31 On 02/06/2031 Spot Bond			3.87000	104.84233	3.87000	104.80326		0.00	0	0	
Total EL31 SPOT								0.00	0	0	
Total For EL31								0.00	0	0	
EL36 On 31/01/2036 Spot Bond			3.91000	97.15148	3.91000	97.11524		0.00	0	0	
Total EL36 SPOT								0.00	0	0	
Total For EL36								0.00	0	0	
EL36/I2 On 31/01/2036 Spot Bond			2.25000	122.34117	2.25000	122.30095		0.00	0	0	
Total EL36/I2038 SPOT								0.00	0	0	
Total For EL36/I2038								0.00	0	0	
EMM01 On 28/07/2020 Spot Bond			8.96500	105.09225	8.96500	105.06720		0.00	0	0	
Total EMM01 SPOT								0.00	0	0	
Total For EMM01								0.00	0	0	
EMM02 On 11/03/2021 Spot Bond			8.99000	104.93875	8.99000	104.91326		0.00	0	0	
Total EMM02 SPOT								0.00	0	0	
Total For EMM02								0.00	0	0	
EMM03 On 04/05/2024 Spot Bond			11.06500	95.64769	11.06500	95.61970		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EMM03 SPOT										0.00	0	0
Total For EMM03										0.00	0	0
EMM04 On 16/05/2028 Spot Bond			11.25500	11.25500	11.25500	96.99472				0.00	0	0
Total EMM04 SPOT										0.00	0	0
Total For EMM04										0.00	0	0
EMM05 On 17/04/2029 Spot Bond			11.43000	11.43000	11.43000	97.37140				0.00	0	1,333,333,200
Total EMM05 SPOT										0.00	0	1,333,333,200
Total For EMM05										0.00	0	1,333,333,200
EMM06 On 23/06/2025 Spot Bond			11.04500	11.04500	11.04500	101.35828				0.00	0	0
Total EMM06 SPOT										0.00	0	0
Total For EMM06										0.00	0	0
EMM07 On 10/07/2027 Spot Bond			10.89500	10.89500	10.89500	101.74998				0.00	0	0
Total EMM07 SPOT										0.00	0	0
Total For EMM07										0.00	0	0
EMM07 On 17/07/2032 Spot Bond			11.50500	11.50500	11.50500	88.78628				0.00	0	0
Total EMM07P SPOT										0.00	0	0
Total For EMM07P										0.00	0	0
ENX01 On 23/04/2021 Spot Bond					0.00000	100.05151				0.00	0	0
Total ENX01 SPOT										0.00	0	0
Total For ENX01										0.00	0	0
ENX01 On 23/04/2021 Spot Bond					0.00000	100.04779				0.00	0	0
Total ENX01S SPOT										0.00	0	0
Total For ENX01S										0.00	0	0
ENX02 On 10/09/2022 Spot Bond					0.00000	101.19629				0.00	2,700,000,000	1,350,000,000
Total ENX02 SPOT										0.00	2,700,000,000	1,350,000,000
Total For ENX02										0.00	2,700,000,000	1,350,000,000
ENX03 On 10/09/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ENX03U SPOT										0.00	0	0
Total For ENX03U										0.00	0	0
EPF007 On 02/09/2020 Spot Bond					0.00000	101.24709				0.00	0	0
Total EPF007 SPOT										0.00	0	0
Total For EPF007										0.00	0	0
EPF008 On 12/09/2019 Spot Bond					0.00000	101.64711				0.00	0	0
Total EPF008 SPOT										0.00	0	0
Total For EPF008										0.00	0	0
EPF010 On 07/11/2019 Spot Bond					0.00000	102.37713				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EPF010 SPOT										0.00	0	0
Total For EPF010										0.00	0	0
EPF011 On 12/06/2020 Spot Bond					0.00000	101.75210				0.00	0	0
Total EPF011 SPOT										0.00	0	0
Total For EPF011										0.00	0	0
EPF012 On 06/11/2020 Spot Bond					0.00000	102.59854				0.00	0	0
Total EPF012 SPOT										0.00	0	0
Total For EPF012										0.00	0	0
EPF014 On 28/05/2021 Spot Bond					0.00000	101.41252				0.00	0	0
Total EPF014 SPOT										0.00	0	0
Total For EPF014										0.00	0	0
EPF015 On 04/06/2023 Spot Bond					0.00000	101.27166				0.00	0	0
Total EPF015 SPOT										0.00	0	0
Total For EPF015										0.00	0	0
EPF016 On 07/09/2021 Spot Bond					0.00000	101.12609				0.00	0	0
Total EPF016 SPOT										0.00	0	0
Total For EPF016										0.00	0	0
EPF017 On 07/09/2023 Spot Bond					0.00000	101.14562				0.00	0	0
Total EPF017 SPOT										0.00	0	0
Total For EPF017										0.00	0	0
EPF02L On 01/09/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EPF02U SPOT										0.00	0	0
Total For EPF02U										0.00	0	0
EPF04L On 20/09/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EPF04U SPOT										0.00	0	0
Total For EPF04U										0.00	0	0
EPF05L On 22/02/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EPF05U SPOT										0.00	0	0
Total For EPF05U										0.00	0	0
EPF06L On 03/12/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EPF06U SPOT										0.00	0	0
Total For EPF06U										0.00	0	0
EPF07L On 28/09/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EPF07U SPOT										0.00	0	0
Total For EPF07U										0.00	0	0
EPFC3L On 06/11/2018 Spot Bond					0.00000	101.78972				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EPFC36 SPOT										0.00	0	0
Total For EPFC36										0.00	0	0
EPFC3 On 04/03/2019 Spot Bond					0.00000	101.17652				0.00	0	0
Total EPFC37 SPOT										0.00	0	0
Total For EPFC37										0.00	0	0
EPFC3 On 06/09/2019 Spot Bond					0.00000	101.10948				0.00	0	0
Total EPFC39 SPOT										0.00	0	0
Total For EPFC39										0.00	0	0
EPFC4 On 03/04/2019 Spot Bond					0.00000	100.44917				0.00	0	0
Total EPFC40 SPOT										0.00	0	0
Total For EPFC40										0.00	0	0
EQS05 On 25/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EQS05 SPOT										0.00	0	0
Total For EQS05										0.00	0	0
EQS06 On 09/04/2020 Spot Bond					0.00000	98.49088				0.00	0	0
Total EQS06 SPOT										0.00	0	0
Total For EQS06										0.00	0	0
EQS10 On 28/07/2022 Spot Bond					0.00000	99.89767				0.00	0	0
Total EQS10 SPOT										0.00	0	0
Total For EQS10										0.00	0	0
EQS11 On 20/09/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total EQS11U SPOT										0.00	0	0
Total For EQS11U										0.00	0	0
ERS3B On 17/08/2019 Spot Bond					0.00000	101.68974				0.00	0	0
Total ERS3B4 SPOT										0.00	0	0
Total For ERS3B4										0.00	0	0
ERS3B On 17/05/2019 Spot Bond					0.00000	101.72149				0.00	0	0
Total ERS3B5 SPOT										0.00	0	0
Total For ERS3B5										0.00	0	0
ERS3C On 17/08/2019 Spot Bond					0.00000	101.78367				0.00	0	0
Total ERS3C4 SPOT										0.00	0	0
Total For ERS3C4										0.00	0	0
ERS3C On 17/05/2019 Spot Bond					0.00000	101.90805				0.00	0	0
Total ERS3C5 SPOT										0.00	0	0
Total For ERS3C5										0.00	0	0
ERSA1 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total ERSA12/JIBAR SPOT									0.00	0	0
Total For ERSA12/JIBAR									0.00	0	0
ERSA2 On 17/08/2020 Spot Bond					0.00000	101.42376			0.00	0	0
Total ERSA21 SPOT									0.00	0	0
Total For ERSA21									0.00	0	0
ERSA2 On 17/05/2019 Spot Bond					0.00000	101.86049			0.00	0	0
Total ERSA22 SPOT									0.00	0	0
Total For ERSA22									0.00	0	0
ERSA2 On 17/08/2019 Spot Bond					0.00000	102.02266			0.00	0	0
Total ERSA23 SPOT									0.00	0	0
Total For ERSA23									0.00	0	0
ERSA2 On 17/08/2020 Spot Bond					0.00000	101.62405			0.00	0	0
Total ERSA24 SPOT									0.00	0	0
Total For ERSA24									0.00	0	0
ERSA2 On 17/08/2022 Spot Bond					0.00000	101.68043			0.00	0	0
Total ERSA25 SPOT									0.00	0	0
Total For ERSA25									0.00	0	0
ES23 On 25/01/2023 Spot Bond			9.65500	103.67691	9.65500	103.65035		50,762,133,793,000.00	5,257,600,600	2,819,404,200	
Total ES23 SPOT								50,762,133,793,000.00	5,257,600,600	2,819,404,200	
Total For ES23								50,762,133,793,000.00	5,257,600,600	2,819,404,200	
ES23/R On 25/01/2023 Spot Bond			10.00000	102.49669	10.00000	102.46951		0.00	0	0	
Total ES23/R2023 SPOT								0.00	0	0	
Total For ES23/R2023								0.00	0	0	
ES26 On 02/04/2026 Spot Bond			10.39500	87.54948	10.39500	87.52512		87,318,000,000,000.00	8,400,000,000	6,615,595,100	
Total ES26 SPOT								87,318,000,000,000.00	8,400,000,000	6,615,595,100	
Total For ES26								87,318,000,000,000.00	8,400,000,000	6,615,595,100	
ES26/R On 02/04/2026 Spot Bond			7.85000	100.50897	7.85000	100.48772		0.00	0	0	
Total ES26/R186 SPOT								0.00	0	0	
Total For ES26/R186								0.00	0	0	
ES33 On 15/09/2033 Spot Bond			11.17000	74.49050	11.16500	74.49684		11,170,000,000,000.00	1,000,000,000	19,852,100,000	
Total ES33 SPOT								11,170,000,000,000.00	1,000,000,000	19,852,100,000	
Total For ES33								11,170,000,000,000.00	1,000,000,000	19,852,100,000	
ES33/R On 15/09/2033 Spot Bond			7.50000	100.83740	7.50000	100.81689		0.00	0	0	
Total ES33/R209 SPOT								0.00	0	0	
Total For ES33/R209								0.00	0	0	
ES42 On 25/04/2042 Spot Bond			11.38500	76.56111	11.38500	76.53782		84,249,000,000,000.00	7,400,000,000	31,580,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total ES42 SPOT									14,249,000,000,000.00	7,400,000,000	31,580,000,000
Total For ES42									14,249,000,000,000.00	7,400,000,000	31,580,000,000
ES42/R On 25/04/2042 Spot Bond			8.50000	100.02287	8.50000	100.00000			0.00	0	0
Total ES42/R214 SPOT									0.00	0	0
Total For ES42/R214									0.00	0	0
ESF01L On 22/03/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ESF01U SPOT									0.00	0	0
Total For ESF01U									0.00	0	0
ESF02L On 06/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ESF02U SPOT									0.00	0	0
Total For ESF02U									0.00	0	0
ESFR0: On 20/04/2021 Spot Bond					0.00000	100.12288			0.00	0	0
Total ESFR03 SPOT									0.00	0	0
Total For ESFR03									0.00	0	0
EXX02 On 19/05/2019 Spot Bond					0.00000	101.11717			0.00	0	0
Total EXX02 SPOT									0.00	0	0
Total For EXX02									0.00	0	0
FBJ20Z On 20/03/2020 Spot Bond					0.00000	100.86526			0.00	0	0
Total FBJ20Z SPOT									0.00	0	0
Total For FBJ20Z									0.00	0	0
FBJ22Z On 20/03/2022 Spot Bond					0.00000	100.89340			0.00	0	0
Total FBJ22Z SPOT									0.00	0	0
Total For FBJ22Z									0.00	0	0
FIF01U On 01/11/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FIF01U SPOT									0.00	0	0
Total For FIF01U									0.00	0	0
FIF02U On 01/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FIF02U SPOT									0.00	0	0
Total For FIF02U									0.00	0	0
FIF03U On 01/11/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FIF03U SPOT									0.00	0	0
Total For FIF03U									0.00	0	0
FIF04U On 01/11/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FIF04U SPOT									0.00	0	0
Total For FIF04U									0.00	0	0
FIF05U On 27/02/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FIF05U SPOT										0.00	0	0
Total For FIF05U										0.00	0	0
FIF06U On 27/02/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FIF06U SPOT										0.00	0	0
Total For FIF06U										0.00	0	0
FIF11U On 03/11/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FIF11U SPOT										0.00	0	0
Total For FIF11U										0.00	0	0
FIF12U On 30/11/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FIF12U SPOT										0.00	0	0
Total For FIF12U										0.00	0	0
FIFB08 On 31/05/2019 Spot Bond					0.00000	101.53688				0.00	0	0
Total FIFB08 SPOT										0.00	0	0
Total For FIFB08										0.00	0	0
FIFB09 On 27/06/2019 Spot Bond					0.00000	100.68845				0.00	0	0
Total FIFB09 SPOT										0.00	0	0
Total For FIFB09										0.00	0	0
FIFB10 On 12/09/2019 Spot Bond					0.00000	101.35717				0.00	0	0
Total FIFB10 SPOT										0.00	0	0
Total For FIFB10										0.00	0	0
FIFB11 On 07/02/2020 Spot Bond					0.00000	102.18869				0.00	0	100,000,000
Total FIFB11 SPOT										0.00	0	100,000,000
Total For FIFB11										0.00	0	100,000,000
FIFB12 On 13/08/2020 Spot Bond					0.00000	101.77341				0.00	0	0
Total FIFB12 SPOT										0.00	0	0
Total For FIFB12										0.00	0	0
FIFB14 On 07/11/2022 Spot Bond					0.00000	101.86908				0.00	0	0
Total FIFB14 SPOT										0.00	0	0
Total For FIFB14										0.00	0	0
FIFB15 On 20/11/2022 Spot Bond					0.00000	101.58961				0.00	0	0
Total FIFB15 SPOT										0.00	0	0
Total For FIFB15										0.00	0	0
FMLA1U On 17/02/2039 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FMLA1U SPOT										0.00	0	0
Total For FMLA1U										0.00	0	0
FPA1U On 20/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total FPA1U SPOT									0.00	0	0
Total For FPA1U									0.00	0	0
FPB1U On 20/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FPB1U SPOT									0.00	0	0
Total For FPB1U									0.00	0	0
FRB05 On 21/12/2018 Spot Bond			7.23500	103.10550	7.23500	103.08529			0.00	0	360,000,000
Total FRB05 SPOT									0.00	0	360,000,000
Total For FRB05									0.00	0	360,000,000
FRB12 On 02/06/2019 Spot Bond					0.00000	101.60043			0.00	0	0
Total FRB12 SPOT									0.00	0	0
Total For FRB12									0.00	0	0
FRB13 On 02/06/2021 Spot Bond					0.00000	100.19983			0.00	0	120,000,000
Total FRB13 SPOT									0.00	0	120,000,000
Total For FRB13									0.00	0	120,000,000
FRB14 On 02/06/2021 Spot Bond			10.69000	10.69000	10.69000	102.40719			0.00	0	0
Total FRB14 SPOT									0.00	0	0
Total For FRB14									0.00	0	0
FRB15 On 06/03/2020 Spot Bond					0.00000	103.63342			0.00	0	0
Total FRB15 SPOT									0.00	0	0
Total For FRB15									0.00	0	0
FRB16 On 08/07/2020 Spot Bond					0.00000	102.83321			0.00	0	0
Total FRB16 SPOT									0.00	0	0
Total For FRB16									0.00	0	0
FRB17 On 08/01/2022 Spot Bond					0.00000	105.30239			0.00	820,000,000	410,000,000
Total FRB17 SPOT									0.00	820,000,000	410,000,000
Total For FRB17									0.00	820,000,000	410,000,000
FRB17/On 08/01/2027 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FRB17/JIBAR SPOT									0.00	0	0
Total For FRB17/JIBAR									0.00	0	0
FRB18 On 13/04/2021 Spot Bond					0.00000	104.95493			0.00	0	0
Total FRB18 SPOT									0.00	0	0
Total For FRB18									0.00	0	0
FRB19 On 14/04/2021 Spot Bond			11.39000	102.40148	11.39000	102.37032			0.00	0	0
Total FRB19 SPOT									0.00	0	0
Total For FRB19									0.00	0	0
FRB20 On 15/04/2021 Spot Bond					0.00000	102.78811			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRB20 SPOT										0.00	0	0
Total For FRB20										0.00	0	0
FRB21 On 24/11/2021 Spot Bond					0.00000	101.85374				0.00	0	0
Total FRB21 SPOT										0.00	0	0
Total For FRB21										0.00	0	0
FRB22 On 08/12/2022 Spot Bond					0.00000	107.23546				0.00	780,000,000	390,000,000
Total FRB22 SPOT										0.00	780,000,000	390,000,000
Total For FRB22										0.00	780,000,000	390,000,000
FRB23 On 20/09/2027 Spot Bond					0.00000	101.46231				0.00	0	130,000,000
Total FRB23 SPOT										0.00	0	130,000,000
Total For FRB23										0.00	0	130,000,000
FRBC2 On 21/12/2018 Spot Bond			7.58000	104.78143	7.58000	104.75993				0.00	0	0
Total FRBC21 SPOT										0.00	0	0
Total For FRBC21										0.00	0	0
FRBC2 On 21/12/2018 Spot Bond					0.00000	101.19281				0.00	0	0
Total FRBC22 SPOT										0.00	0	0
Total For FRBC22										0.00	0	0
FRBI22 On 31/01/2022 Spot Bond			3.46000	152.27428	3.46000	152.21927				0.00	0	0
Total FRBI22 SPOT										0.00	0	0
Total For FRBI22										0.00	0	0
FRBI23 On 07/12/2023 Spot Bond			3.60000	3.60000	3.60000	291.72238				0.00	0	0
Total FRBI23 SPOT										0.00	0	0
Total For FRBI23										0.00	0	0
FRBI25 On 31/01/2025 Spot Bond			3.77000	3.77000	3.77000	126.48852				0.00	0	0
Total FRBI25 SPOT										0.00	0	0
Total For FRBI25										0.00	0	0
FRBI28 On 31/03/2028 Spot Bond			4.04000	170.59553	4.04000	170.53107				0.00	0	0
Total FRBI28 SPOT										0.00	0	0
Total For FRBI28										0.00	0	0
FRBI29 On 31/03/2029 Spot Bond			4.07500	4.07500	4.07500	86.29555				0.00	0	0
Total FRBI29 SPOT										0.00	0	0
Total For FRBI29										0.00	0	0
FRBI33 On 07/12/2033 Spot Bond			4.60000	4.60000	4.60000	197.97297				0.00	0	0
Total FRBI33 SPOT										0.00	0	0
Total For FRBI33										0.00	0	0
FRBI46 On 31/03/2046 Spot Bond			4.50000	90.54788	4.50000	90.51256				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRBI46 SPOT										0.00	0	0
Total For FRBI46										0.00	0	0
FRBI50 On 31/12/2050 Spot Bond			4.54000	92.25338	4.54000	92.62944				0.00	0	0
Total FRBI50 SPOT										0.00	0	0
Total For FRBI50										0.00	0	0
FRBZ0 On 30/11/2020 Spot Bond			8.77000	8.77000	8.77000	83.75104				0.00	0	0
Total FRBZ01 SPOT										0.00	0	0
Total For FRBZ01										0.00	0	0
FRBZ0 On 28/10/2024 Spot Bond			10.25000	10.25000	10.25000	55.55593				0.00	0	0
Total FRBZ02 SPOT										0.00	0	0
Total For FRBZ02										0.00	0	0
FRBZ0 On 10/12/2024 Spot Bond			10.28000	10.28000	10.28000	54.82560				0.00	0	0
Total FRBZ03 SPOT										0.00	0	0
Total For FRBZ03										0.00	0	0
FRC10 On 03/06/2021 Spot Bond					0.00000	101.61208				0.00	0	0
Total FRC107 SPOT										0.00	0	0
Total For FRC107										0.00	0	0
FRC16 On 31/01/2025 Spot Bond			4.86500	4.86500	4.86500	118.78839				0.00	0	0
Total FRC169 SPOT										0.00	0	0
Total For FRC169										0.00	0	0
FRC17 On 06/08/2023 Spot Bond					0.00000	101.86452				0.00	0	0
Total FRC178 SPOT										0.00	0	0
Total For FRC178										0.00	0	0
FRC17 On 20/09/2020 Spot Bond					0.00000	100.98957				0.00	0	0
Total FRC179 SPOT										0.00	0	0
Total For FRC179										0.00	0	0
FRC18 On 06/08/2023 Spot Bond					0.00000	92.11533				0.00	0	0
Total FRC181 SPOT										0.00	0	0
Total For FRC181										0.00	0	0
FRC18 On 20/12/2018 Spot Bond					0.00000	101.46859				0.00	0	0
Total FRC183 SPOT										0.00	0	0
Total For FRC183										0.00	0	0
FRC18 On 20/12/2018 Spot Bond					0.00000	101.11917				0.00	0	0
Total FRC185 SPOT										0.00	0	0
Total For FRC185										0.00	0	0
FRC18 On 20/03/2019 Spot Bond					0.00000	100.91157				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC188 SPOT										0.00	0	0
Total For FRC188										0.00	0	0
FRC188: On 20/03/2019 Spot Bond					0.00000	100.91740				0.00	0	0
Total FRC189 SPOT										0.00	0	0
Total For FRC189										0.00	0	0
FRC189: On 02/04/2019 Spot Bond					0.00000	100.82394				0.00	0	0
Total FRC192 SPOT										0.00	0	0
Total For FRC192										0.00	0	0
FRC192: On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total FRC193/JIBAR SPOT										0.00	0	0
Total For FRC193/JIBAR										0.00	0	0
FRC193: On 20/06/2024 Spot Bond					0.00000	100.96235				0.00	0	0
Total FRC195 SPOT										0.00	0	0
Total For FRC195										0.00	0	0
FRC195: On 20/06/2019 Spot Bond					0.00000	101.08401				0.00	0	0
Total FRC206 SPOT										0.00	0	0
Total For FRC206										0.00	0	0
FRC206: On 20/09/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRC207 SPOT										0.00	0	0
Total For FRC207										0.00	0	0
FRC207: On 20/09/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRC208 SPOT										0.00	0	0
Total For FRC208										0.00	0	0
FRC208: On 07/10/2020 Spot Bond					0.00000	102.66091				0.00	0	0
Total FRC209 SPOT										0.00	0	0
Total For FRC209										0.00	0	0
FRC209: On 20/12/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
FRC210: On 20/12/2019 Spot Bond					0.00000	100.94558				0.00	0	0
Total FRC210 SPOT										0.00	0	0
Total For FRC210										0.00	0	0
FRC210: On 07/05/2020 Spot Bond					0.00000	101.94260				0.00	0	0
Total FRC212 SPOT										0.00	0	0
Total For FRC212										0.00	0	0
FRC212: On 04/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRC213 SPOT										0.00	0	0
Total For FRC213										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC21: On 07/11/2019 Spot Bond					0.00000	102.18739				0.00	0	0
Total FRC215 SPOT										0.00	0	0
Total For FRC215										0.00	0	0
FRC21: On 04/11/2019 Spot Bond					0.00000	101.97519				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC22: On 31/01/2022 Spot Bond			4.12000	149.22648	4.12000	149.16996				0.00	0	0
Total FRC221 SPOT										0.00	0	0
Total For FRC221										0.00	0	0
FRC22: On 20/05/2020 Spot Bond					0.00000	101.64376				0.00	0	0
Total FRC225 SPOT										0.00	0	0
Total For FRC225										0.00	0	0
FRC23: On 31/01/2022 Spot Bond			4.98000	145.36336	4.98000	145.30499				0.00	0	0
Total FRC233 SPOT										0.00	0	0
Total For FRC233										0.00	0	0
FRC23: On 20/12/2020 Spot Bond					0.00000	101.34681				0.00	0	0
Total FRC234 SPOT										0.00	0	0
Total For FRC234										0.00	0	0
FRC23: On 08/02/2020 Spot Bond					0.00000	103.20510				0.00	0	0
Total FRC236 SPOT										0.00	0	0
Total For FRC236										0.00	0	0
FRC23: On 19/10/2020 Spot Bond					0.00000	103.67157				0.00	0	0
Total FRC237 SPOT										0.00	0	0
Total For FRC237										0.00	0	0
FRC23: On 08/02/2020 Spot Bond					0.00000	103.58063				0.00	0	0
Total FRC238 SPOT										0.00	0	0
Total For FRC238										0.00	0	0
FRC23: On 19/10/2020 Spot Bond					0.00000	104.39591				0.00	0	0
Total FRC239 SPOT										0.00	0	0
Total For FRC239										0.00	0	0
FRC24: On 19/10/2020 Spot Bond					0.00000	104.65101				0.00	0	0
Total FRC240 SPOT										0.00	0	0
Total For FRC240										0.00	0	0
FRC24: On 08/02/2020 Spot Bond					0.00000	103.06518				0.00	0	0
Total FRC241 SPOT										0.00	0	0
Total For FRC241										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRC24: On 08/02/2020 Spot Bond					0.00000	102.85870			0.00	0	0
Total FRC242 SPOT									0.00	0	0
Total For FRC242									0.00	0	0
FRC24: On 19/10/2020 Spot Bond					0.00000	100.31460			0.00	0	0
Total FRC243 SPOT									0.00	0	0
Total For FRC243									0.00	0	0
FRC24: On 08/02/2020 Spot Bond					0.00000	104.29902			0.00	0	0
Total FRC244 SPOT									0.00	0	0
Total For FRC244									0.00	0	0
FRC24: On 19/10/2020 Spot Bond					0.00000	100.31149			0.00	0	0
Total FRC245 SPOT									0.00	0	0
Total For FRC245									0.00	0	0
FRC24: On 19/10/2020 Spot Bond					0.00000	38.63477			0.00	0	0
Total FRC246 SPOT									0.00	0	0
Total For FRC246									0.00	0	0
FRC24: On 08/02/2020 Spot Bond					0.00000	103.38217			0.00	0	0
Total FRC247 SPOT									0.00	0	0
Total For FRC247									0.00	0	0
FRC24: On 08/02/2020 Spot Bond					0.00000	98.36743			0.00	0	0
Total FRC248 SPOT									0.00	0	0
Total For FRC248									0.00	0	0
FRC24: On 19/10/2020 Spot Bond					0.00000	103.32165			0.00	0	0
Total FRC249 SPOT									0.00	0	0
Total For FRC249									0.00	0	0
FRC25: On 19/10/2020 Spot Bond					0.00000	101.23656			0.00	0	0
Total FRC250 SPOT									0.00	0	0
Total For FRC250									0.00	0	0
FRC25: On 13/02/2022 Spot Bond					0.00000	102.09130			0.00	0	0
Total FRC251 SPOT									0.00	0	0
Total For FRC251									0.00	0	0
FRC25: On 14/03/2022 Spot Bond					0.00000	101.03058			0.00	0	0
Total FRC252 SPOT									0.00	0	0
Total For FRC252									0.00	0	0
FRC25: On 27/03/2020 Spot Bond					0.00000	100.92791			0.00	0	0
Total FRC254 SPOT									0.00	0	0
Total For FRC254									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC25: On 05/10/2022 Spot Bond					0.00000	0.00000				0.00	0	0
Total FRC255 SPOT										0.00	0	0
Total For FRC255										0.00	0	0
FRC25: On 17/07/2027 Spot Bond					0.00000	102.22773				0.00	0	0
Total FRC256 SPOT										0.00	0	0
Total For FRC256										0.00	0	0
FRC25: On 27/03/2020 Spot Bond					0.00000	100.65517				0.00	0	0
Total FRC257 SPOT										0.00	0	0
Total For FRC257										0.00	0	0
FRC25: On 08/05/2020 Spot Bond					0.00000	102.28423				0.00	0	0
Total FRC258 SPOT										0.00	0	0
Total For FRC258										0.00	0	0
FRC25: On 06/11/2023 Spot Bond			3.33700	3.33700	3.33700	106.76478				0.00	0	0
Total FRC259 SPOT										0.00	0	0
Total For FRC259										0.00	0	0
FRC26: On 27/02/2023 Spot Bond			3.45500	105.67367	3.45500	105.63551				0.00	0	0
Total FRC260 SPOT										0.00	0	0
Total For FRC260										0.00	0	0
FRC26: On 10/10/2020 Spot Bond					0.00000	100.36090				0.00	0	0
Total FRC261 SPOT										0.00	0	0
Total For FRC261										0.00	0	0
FRC26: On 13/07/2020 Spot Bond					0.00000	100.24666				0.00	0	0
Total FRC262 SPOT										0.00	0	0
Total For FRC262										0.00	0	0
FRC26: On 15/03/2019 Spot Bond					0.00000	100.86078				0.00	0	0
Total FRC263 SPOT										0.00	0	0
Total For FRC263										0.00	0	0
FRC26: On 13/07/2020 Spot Bond					0.00000	100.24612				0.00	0	0
Total FRC264 SPOT										0.00	0	0
Total For FRC264										0.00	0	0
FRC26: On 20/06/2021 Spot Bond					0.00000	101.06791				0.00	0	0
Total FRC265 SPOT										0.00	0	0
Total For FRC265										0.00	0	0
FRC26: On 23/08/2019 Spot Bond					0.00000	101.42329				0.00	0	0
Total FRC266 SPOT										0.00	0	0
Total For FRC266										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC267 On 06/08/2023 Spot Bond					0.00000	105.47639				0.00	0	0
Total FRC267 SPOT										0.00	0	0
Total For FRC267										0.00	0	0
FRC269 On 21/10/2019 Spot Bond					0.00000	100.00826				0.00	0	0
Total FRC269 SPOT										0.00	0	0
Total For FRC269										0.00	0	0
FRC270 On 16/11/2019 Spot Bond					0.00000	101.55980				0.00	0	0
Total FRC270 SPOT										0.00	0	0
Total For FRC270										0.00	0	0
FRC271 On 30/01/2023 Spot Bond					0.00000	102.16637				0.00	0	0
Total FRC271 SPOT										0.00	0	0
Total For FRC271										0.00	0	0
FRC272 On 30/01/2023 Spot Bond			9.58400	9.58400	9.58400	102.23785				0.00	0	0
Total FRC272 SPOT										0.00	0	0
Total For FRC272										0.00	0	0
FRC273 On 07/12/2023 Spot Bond			8.82000	102.25770	8.82000	103.35660				0.00	0	0
Total FRC273 SPOT										0.00	0	0
Total For FRC273										0.00	0	0
FRC274 On 02/05/2028 Spot Bond			9.80000	104.66608	9.80000	104.68205				0.00	0	0
Total FRC274 SPOT										0.00	0	0
Total For FRC274										0.00	0	0
FRC275 On 12/12/2020 Spot Bond					0.00000	101.04294				0.00	0	0
Total FRC275 SPOT										0.00	0	0
Total For FRC275										0.00	0	0
FRC276 On 12/12/2020 Spot Bond					0.00000	101.04527				0.00	0	0
Total FRC276 SPOT										0.00	0	0
Total For FRC276										0.00	0	0
FRC277 On 04/03/2021 Spot Bond					0.00000	101.20266				0.00	0	0
Total FRC277 SPOT										0.00	0	0
Total For FRC277										0.00	0	0
FRC278 On 27/03/2020 Spot Bond					0.00000	100.62718				0.00	0	0
Total FRC278 SPOT										0.00	0	0
Total For FRC278										0.00	0	0
FRC279 On 21/11/2022 Spot Bond					0.00000	101.55040				0.00	0	0
Total FRC279 SPOT										0.00	0	0
Total For FRC279										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC28(On 20/12/2023 Spot Bond					0.00000	100.94542				0.00	0	0
Total FRC280 SPOT										0.00	0	0
Total For FRC280										0.00	0	0
FRC28(On 03/09/2019 Spot Bond					0.00000	101.78938				0.00	0	0
Total FRC281 SPOT										0.00	0	0
Total For FRC281										0.00	0	0
FRC28(On 27/02/2023 Spot Bond			3.54000	3.54000	3.54000	101.45426				0.00	0	0
Total FRC282 SPOT										0.00	0	0
Total For FRC282										0.00	0	0
FRC28(On 26/01/2021 Spot Bond					0.00000	100.81399				0.00	0	0
Total FRC283 SPOT										0.00	0	0
Total For FRC283										0.00	0	0
FRC28(On 11/11/2024 Spot Bond					0.00000	100.36124				0.00	0	0
Total FRC284 SPOT										0.00	0	0
Total For FRC284										0.00	0	0
FRC66 On 31/01/2022 Spot Bond			4.76000	4.76000	4.76000	146.28223				0.00	0	0
Total FRC66 SPOT										0.00	0	0
Total For FRC66										0.00	0	0
FRC69 On 31/01/2022 Spot Bond			4.70000	4.70000	4.70000	146.55012				0.00	0	0
Total FRC69 SPOT										0.00	0	0
Total For FRC69										0.00	0	0
FRC71 On 31/01/2022 Spot Bond			4.68000	4.68000	4.68000	146.63954				0.00	0	0
Total FRC71 SPOT										0.00	0	0
Total For FRC71										0.00	0	0
FRD01(On 22/12/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD01U SPOT										0.00	0	0
Total For FRD01U										0.00	0	0
FRD17(On 15/02/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD17U SPOT										0.00	0	0
Total For FRD17U										0.00	0	0
FRD18(On 15/07/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD18U SPOT										0.00	0	0
Total For FRD18U										0.00	0	0
FRD19(On 15/02/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD19U SPOT										0.00	0	0
Total For FRD19U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRD20I On 09/05/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD20U SPOT										0.00	0	0
Total For FRD20U										0.00	0	0
FRD21I On 31/03/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD21U SPOT										0.00	0	0
Total For FRD21U										0.00	0	0
FRD22I On 30/09/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FRD22U SPOT										0.00	0	0
Total For FRD22U										0.00	0	0
FRI33 On 28/02/2033 Spot Bond			4.57000	85.82817	4.57000	85.80563				0.00	0	0
Total FRI33 SPOT										0.00	0	0
Total For FRI33										0.00	0	0
FRI38 On 31/01/2038 Spot Bond			4.51500	99.89918	4.51500	99.86030				0.00	0	0
Total FRI38 SPOT										0.00	0	0
Total For FRI38										0.00	0	0
FRJ19 On 04/04/2019 Spot Bond					0.00000	100.70204				0.00	0	0
Total FRJ19 SPOT										0.00	0	0
Total For FRJ19										0.00	0	0
FRJ20 On 20/09/2020 Spot Bond					0.00000	100.87216				0.00	0	0
Total FRJ20 SPOT										0.00	0	0
Total For FRJ20										0.00	0	0
FRJ21 On 15/09/2021 Spot Bond					0.00000	101.41994				0.00	0	1,100,000,000
Total FRJ21 SPOT										0.00	0	1,100,000,000
Total For FRJ21										0.00	0	1,100,000,000
FRJ22 On 07/03/2022 Spot Bond					0.00000	102.51411				0.00	0	12,000,000,000
Total FRJ22 SPOT										0.00	0	12,000,000,000
Total For FRJ22										0.00	0	12,000,000,000
FRJ23 On 31/07/2023 Spot Bond					0.00000	102.56520				0.00	0	5,000,000,000
Total FRJ23 SPOT										0.00	0	5,000,000,000
Total For FRJ23										0.00	0	5,000,000,000
FRJ25 On 09/03/2025 Spot Bond					0.00000	103.84298				0.00	0	500,000,000
Total FRJ25 SPOT										0.00	0	500,000,000
Total For FRJ25										0.00	0	500,000,000
FRJ27 On 25/01/2027 Spot Bond					0.00000	101.71729				0.00	0	5,500,000,000
Total FRJ27 SPOT										0.00	0	5,500,000,000
Total For FRJ27										0.00	0	5,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS011 On 13/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FRS01U SPOT									0.00	0	0
Total For FRS01U									0.00	0	0
FRS021 On 13/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FRS02U SPOT									0.00	0	0
Total For FRS02U									0.00	0	0
FRS100 On 15/01/2024 Spot Bond			3.32800	3.32800	3.32800	100.26485			0.00	0	0
Total FRS100 SPOT									0.00	0	0
Total For FRS100									0.00	0	0
FRS101 On 31/01/2038 Spot Bond			3.76000	3.76000	3.76000	111.54532			0.00	0	0
Total FRS101 SPOT									0.00	0	0
Total For FRS101									0.00	0	0
FRS103 On 23/01/2024 Spot Bond					0.00000	100.04106			0.00	0	0
Total FRS103 SPOT									0.00	0	0
Total For FRS103									0.00	0	0
FRS104 On 23/01/2024 Spot Bond					0.00000	100.04106			0.00	0	0
Total FRS104 SPOT									0.00	0	0
Total For FRS104									0.00	0	0
FRS108 On 31/01/2038 Spot Bond			3.90000	109.29912	3.90000	109.25836			0.00	0	0
Total FRS108 SPOT									0.00	0	0
Total For FRS108									0.00	0	0
FRS109 On 07/12/2033 Spot Bond			3.90000	214.37169	3.90000	214.29163			0.00	0	0
Total FRS109 SPOT									0.00	0	0
Total For FRS109									0.00	0	0
FRS110 On 31/01/2038 Spot Bond			4.69000	97.40637	4.69000	97.36800			0.00	0	0
Total FRS110 SPOT									0.00	0	0
Total For FRS110									0.00	0	0
FRS112 On 07/12/2033 Spot Bond			3.93000	3.93000	3.93000	213.55904			0.00	0	0
Total FRS112 SPOT									0.00	0	0
Total For FRS112									0.00	0	0
FRS113 On 29/04/2019 Spot Bond					0.00000	99.89124			0.00	0	0
Total FRS113 SPOT									0.00	0	0
Total For FRS113									0.00	0	0
FRS114 On 31/01/2025 Spot Bond			4.12000	124.01454	4.12000	123.96756			0.00	0	0
Total FRS114 SPOT									0.00	0	0
Total For FRS114									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS115 On 31/01/2038 Spot Bond			3.70500	112.50090	3.70500	112.45953			0.00	0	0
Total FRS115 SPOT									0.00	0	0
Total For FRS115									0.00	0	0
FRS119 On 31/01/2038 Spot Bond			4.43000	101.13809	4.43000	101.09894			0.00	0	2,200,000
Total FRS119 SPOT									0.00	0	2,200,000
Total For FRS119									0.00	0	2,200,000
FRS120 On 07/12/2033 Spot Bond			4.05000	210.73883	4.05000	210.65925			0.00	0	0
Total FRS120 SPOT									0.00	0	0
Total For FRS120									0.00	0	0
FRS121 On 07/12/2033 Spot Bond			4.10000	209.54468	4.10000	209.46529			0.00	0	0
Total FRS121 SPOT									0.00	0	0
Total For FRS121									0.00	0	0
FRS122 On 31/01/2025 Spot Bond			3.65000	158.88379	3.65000	111.50597			0.00	0	0
Total FRS122 SPOT									0.00	0	0
Total For FRS122									0.00	0	0
FRS123 On 07/12/2033 Spot Bond			4.13000	208.83221	4.13000	208.75292			0.00	0	0
Total FRS123 SPOT									0.00	0	0
Total For FRS123									0.00	0	0
FRS124 On 31/01/2038 Spot Bond			5.26000	89.79984	5.26000	89.76310			0.00	0	0
Total FRS124 SPOT									0.00	0	0
Total For FRS124									0.00	0	0
FRS126 On 31/03/2028 Spot Bond			4.83000	159.98894	4.83000	159.92507			0.00	0	0
Total FRS126 SPOT									0.00	0	0
Total For FRS126									0.00	0	0
FRS127 On 31/01/2038 Spot Bond			4.79000	96.01612	4.79000	95.97804			0.00	0	0
Total FRS127 SPOT									0.00	0	0
Total For FRS127									0.00	0	0
FRS129 On 31/03/2028 Spot Bond			4.35000	166.34022	4.35000	166.27597			0.00	0	0
Total FRS129 SPOT									0.00	0	0
Total For FRS129									0.00	0	0
FRS131 On 31/03/2028 Spot Bond			4.41000	165.53072	4.41000	165.46650			0.00	0	0
Total FRS131 SPOT									0.00	0	0
Total For FRS131									0.00	0	0
FRS132 On 07/12/2033 Spot Bond			4.64000	197.16522	4.64000	197.08768			0.00	0	0
Total FRS132 SPOT									0.00	0	0
Total For FRS132									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS13: On 24/03/2020 Spot Bond					0.00000	93.04754			0.00	0	0
Total FRS133 SPOT									0.00	0	0
Total For FRS133									0.00	0	0
FRS13: On 31/01/2038 Spot Bond			4.72000	96.98672	4.72000	96.94844			0.00	0	0
Total FRS134 SPOT									0.00	0	0
Total For FRS134									0.00	0	0
FRS13: On 31/01/2038 Spot Bond			4.97500	4.97500	4.97500	93.47028			0.00	0	0
Total FRS135 SPOT									0.00	0	0
Total For FRS135									0.00	0	0
FRS13: On 31/01/2038 Spot Bond			4.50000	100.11646	4.50000	100.07753			0.00	0	0
Total FRS136 SPOT									0.00	0	0
Total For FRS136									0.00	0	0
FRS13: On 31/03/2028 Spot Bond			4.22000	168.10974	4.22000	168.04541			0.00	0	0
Total FRS137 SPOT									0.00	0	0
Total For FRS137									0.00	0	0
FRS13: On 07/12/2033 Spot Bond			4.41000	202.32432	4.41000	202.24600			0.00	0	0
Total FRS138 SPOT									0.00	0	0
Total For FRS138									0.00	0	0
FRS14: On 31/03/2028 Spot Bond			4.35000	166.34022	4.35000	166.27597			0.00	0	0
Total FRS142 SPOT									0.00	0	0
Total For FRS142									0.00	0	0
FRS14: On 31/03/2028 Spot Bond			4.35000	166.34022	4.35000	166.27597			0.00	0	0
Total FRS143 SPOT									0.00	0	0
Total For FRS143									0.00	0	0
FRS14: On 31/03/2028 Spot Bond			4.64000	162.46915	4.64000	162.40514			0.00	0	0
Total FRS145 SPOT									0.00	0	0
Total For FRS145									0.00	0	0
FRS14: On 31/01/2025 Spot Bond			4.42000	121.89901	4.42000	121.85186			0.00	0	0
Total FRS146 SPOT									0.00	0	0
Total For FRS146									0.00	0	0
FRS14: On 31/01/2022 Spot Bond			3.82000	150.60276	3.82000	150.54692			0.00	0	0
Total FRS147 SPOT									0.00	0	0
Total For FRS147									0.00	0	0
FRS14: On 31/03/2028 Spot Bond			4.70000	161.68120	4.70000	161.61723			0.00	0	0
Total FRS149 SPOT									0.00	0	0
Total For FRS149									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRS15(On 31/03/2028 Spot Bond			4.74000	161.15833	4.74000	161.09438				0.00	0	0
Total FRS150 SPOT										0.00	0	0
Total For FRS150										0.00	0	0
FRS15(On 31/01/2025 Spot Bond			4.39000	122.10872	4.39000	122.06158				0.00	0	0
Total FRS151 SPOT										0.00	0	0
Total For FRS151										0.00	0	0
FRS15(On 31/03/2028 Spot Bond			4.71000	161.55030	4.71000	161.48633				0.00	0	0
Total FRS152 SPOT										0.00	0	0
Total For FRS152										0.00	0	0
FRS15(On 31/03/2028 Spot Bond			4.75000	4.75000	4.75000	160.96398				0.00	0	0
Total FRS153 SPOT										0.00	0	0
Total For FRS153										0.00	0	0
FRS15(On 20/06/2022 Spot Bond					0.00000	73.05724				0.00	0	0
Total FRS158 SPOT										0.00	0	0
Total For FRS158										0.00	0	0
FRS15(On 06/06/2023 Spot Bond					0.00000	81.88229				0.00	0	0
Total FRS159 SPOT										0.00	0	0
Total For FRS159										0.00	0	0
FRS16(On 06/06/2024 Spot Bond					0.00000	85.99710				0.00	0	0
Total FRS160 SPOT										0.00	0	0
Total For FRS160										0.00	0	0
FRS16(On 06/06/2025 Spot Bond					0.00000	87.84032				0.00	0	0
Total FRS161 SPOT										0.00	0	0
Total For FRS161										0.00	0	0
FRS16(On 20/06/2022 Spot Bond					0.00000	59.01134				0.00	0	0
Total FRS162 SPOT										0.00	0	0
Total For FRS162										0.00	0	0
FRS16(On 06/06/2023 Spot Bond					0.00000	66.84123				0.00	0	0
Total FRS163 SPOT										0.00	0	0
Total For FRS163										0.00	0	0
FRS16(On 06/06/2024 Spot Bond					0.00000	72.64733				0.00	0	0
Total FRS164 SPOT										0.00	0	0
Total For FRS164										0.00	0	0
FRS16(On 06/06/2025 Spot Bond					0.00000	75.36289				0.00	0	0
Total FRS165 SPOT										0.00	0	0
Total For FRS165										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRS166 On 01/08/2021 Spot Bond					0.00000	32.10283				0.00	0	0
Total FRS166 SPOT										0.00	0	0
Total For FRS166										0.00	0	0
FRS167 On 01/08/2022 Spot Bond					0.00000	47.73299				0.00	0	0
Total FRS167 SPOT										0.00	0	0
Total For FRS167										0.00	0	0
FRS168 On 01/08/2022 Spot Bond					0.00000	46.22156				0.00	0	0
Total FRS168 SPOT										0.00	0	0
Total For FRS168										0.00	0	0
FRS169 On 01/08/2021 Spot Bond					0.00000	33.21969				0.00	0	0
Total FRS169 SPOT										0.00	0	0
Total For FRS169										0.00	0	0
FRS170 On 01/08/2022 Spot Bond					0.00000	221.18908				0.00	0	0
Total FRS170 SPOT										0.00	0	0
Total For FRS170										0.00	0	0
FRS171 On 16/10/2022 Spot Bond					0.00000	100.21647				0.00	0	0
Total FRS171 SPOT										0.00	0	0
Total For FRS171										0.00	0	0
FRS172 On 16/10/2024 Spot Bond					0.00000	100.22971				0.00	0	0
Total FRS172 SPOT										0.00	0	0
Total For FRS172										0.00	0	0
FRS173 On 13/11/2020 Spot Bond					0.00000	100.00000				0.00	0	0
Total FRS173 SPOT										0.00	0	0
Total For FRS173										0.00	0	0
FRS174 On 13/05/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total FRS174 SPOT										0.00	0	0
Total For FRS174										0.00	0	0
FRS175 On 26/01/2024 Spot Bond					0.00000	65.14824				0.00	0	0
Total FRS175 SPOT										0.00	0	0
Total For FRS175										0.00	0	0
FRS176 On 26/01/2024 Spot Bond					0.00000	65.14813				0.00	0	0
Total FRS176 SPOT										0.00	0	0
Total For FRS176										0.00	0	0
FRS177 On 19/07/2024 Spot Bond					0.00000	89.46720				0.00	0	0
Total FRS177 SPOT										0.00	0	0
Total For FRS177										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRS171 On 02/08/2019 Spot Bond					0.00000	105.03183				0.00	0	0
Total FRS178 SPOT										0.00	0	0
Total For FRS178										0.00	0	0
FRS171 On 15/08/2019 Spot Bond					0.00000	99.34475				0.00	0	0
Total FRS179 SPOT										0.00	0	0
Total For FRS179										0.00	0	0
FRS181 On 18/09/2023 Spot Bond					0.00000	100.92603				0.00	0	0
Total FRS180 SPOT										0.00	0	0
Total For FRS180										0.00	0	0
FRS181 On 19/09/2019 Spot Bond					0.00000	100.00000				0.00	0	0
Total FRS181 SPOT										0.00	0	0
Total For FRS181										0.00	0	0
FRS182 On 27/09/2025 Spot Bond					0.00000	100.73028				0.00	0	0
Total FRS182 SPOT										0.00	0	0
Total For FRS182										0.00	0	0
FRS183 On 04/10/2021 Spot Bond					0.00000	100.00000				0.00	0	0
Total FRS183 SPOT										0.00	0	0
Total For FRS183										0.00	0	0
FRS36 On 07/12/2023 Spot Bond			3.52000	3.52000	3.52000	292.75005				0.00	0	0
Total FRS36 SPOT										0.00	0	0
Total For FRS36										0.00	0	0
FRS37 On 07/12/2023 Spot Bond			3.41000	3.41000	3.41000	294.17023				0.00	0	0
Total FRS37 SPOT										0.00	0	0
Total For FRS37										0.00	0	0
FRS43 On 07/12/2023 Spot Bond			4.13000	4.13000	4.13000	285.02285				0.00	0	0
Total FRS43 SPOT										0.00	0	0
Total For FRS43										0.00	0	0
FRS46 On 31/01/2022 Spot Bond			3.61000	151.57514	3.61000	151.51979				0.00	0	0
Total FRS46 SPOT										0.00	0	0
Total For FRS46										0.00	0	0
FRS49 On 27/10/2020 Spot Bond					0.00000	99.91156				0.00	0	0
Total FRS49 SPOT										0.00	0	0
Total For FRS49										0.00	0	0
FRS51 On 31/01/2022 Spot Bond			3.31000	152.97724	3.31000	152.92261				0.00	0	0
Total FRS51 SPOT										0.00	0	0
Total For FRS51										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRS62 On 04/11/2026 Spot Bond					0.00000	101.93128			0.00	0	0
Total FRS62 SPOT									0.00	0	0
Total For FRS62									0.00	0	0
FRS64 On 26/01/2042 Spot Bond			3.74000	105.64614	3.74000	105.60719			0.00	0	0
Total FRS64 SPOT									0.00	0	0
Total For FRS64									0.00	0	0
FRS81 On 30/10/2042 Spot Bond			3.42000	80.91966	3.42000	111.76133			0.00	0	0
Total FRS81 SPOT									0.00	0	0
Total For FRS81									0.00	0	0
FRS85 On 31/01/2025 Spot Bond			3.58000	3.58000	3.58000	127.88128			0.00	0	0
Total FRS85 SPOT									0.00	0	0
Total For FRS85									0.00	0	0
FRS87 On 31/01/2025 Spot Bond			3.61000	3.61000	3.61000	127.66023			0.00	0	0
Total FRS87 SPOT									0.00	0	0
Total For FRS87									0.00	0	0
FRS90 On 07/12/2023 Spot Bond			4.32000	4.32000	4.32000	282.66645			0.00	0	0
Total FRS90 SPOT									0.00	0	0
Total For FRS90									0.00	0	0
FRX19 On 15/11/2019 Spot Bond			7.71500	105.28027	7.71500	105.25862			0.00	0	380,000,000
Total FRX19 SPOT									0.00	0	380,000,000
Total For FRX19									0.00	0	380,000,000
FRX20 On 01/10/2020 Spot Bond			8.44000	101.13231	8.44000	101.10934			0.00	0	800,000,000
Total FRX20 SPOT									0.00	0	800,000,000
Total For FRX20									0.00	0	800,000,000
FRX23 On 28/02/2023 Spot Bond			9.32500	9.32500	9.32500	95.63264			0.00	0	0
Total FRX23 SPOT									0.00	0	0
Total For FRX23									0.00	0	0
FRX24 On 10/12/2024 Spot Bond			9.88500	107.93280	9.88500	107.90435			0.00	0	0
Total FRX24 SPOT									0.00	0	0
Total For FRX24									0.00	0	0
FRX25 On 26/07/2025 Spot Bond			10.14500	107.83612	10.14500	100.48316			0.00	0	0
Total FRX25 SPOT									0.00	0	0
Total For FRX25									0.00	0	0
FRX26 On 01/10/2026 Spot Bond			10.29500	96.39922	10.29500	96.37265		46,821,660,000,000.00		4,548,000,000	5,257,000,000
Total FRX26 SPOT								16,821,660,000,000.00		4,548,000,000	5,257,000,000
Total For FRX26								16,821,660,000,000.00		4,548,000,000	5,257,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRX27 On 07/03/2027 Spot Bond			10.32500	100.60987	10.32500	100.58189			0.00	0	0
Total FRX27 SPOT									0.00	0	0
Total For FRX27									0.00	0	0
FRX28 On 26/07/2028 Spot Bond			10.22500	109.48101	10.22500	101.83236			0.00	0	0
Total FRX28 SPOT									0.00	0	0
Total For FRX28									0.00	0	0
FRX30 On 31/01/2030 Spot Bond			10.84000	95.27963	10.84000	95.25231			0.00	0	0
Total FRX30 SPOT									0.00	0	0
Total For FRX30									0.00	0	0
FRX31 On 21/02/2031 Spot Bond			10.96500	91.90022	10.96500	91.87356		1,557,030,000,000.00	142,000,000	71,000,000	
Total FRX31 SPOT								1,557,030,000,000.00	142,000,000	71,000,000	
Total For FRX31								1,557,030,000,000.00	142,000,000	71,000,000	
FRX32 On 31/03/2032 Spot Bond			10.99500	97.20218	10.99500	97.41183			0.00	0	0
Total FRX32 SPOT									0.00	0	0
Total For FRX32									0.00	0	0
FRX45 On 14/04/2045 Spot Bond			11.93500	68.81971	11.93500	68.79780			0.00	0	0
Total FRX45 SPOT									0.00	0	0
Total For FRX45									0.00	0	0
FS2A4 On 20/11/2018 Spot Bond					0.00000	0.00000			0.00	0	0
Total FS2A4 SPOT									0.00	0	0
Total For FS2A4									0.00	0	0
FS2A5 On 20/02/2019 Spot Bond					0.00000	101.54054			0.00	0	0
Total FS2A5 SPOT									0.00	0	0
Total For FS2A5									0.00	0	0
FS2B1 On 20/02/2019 Spot Bond					0.00000	101.56280			0.00	0	0
Total FS2B1 SPOT									0.00	0	0
Total For FS2B1									0.00	0	0
FS2C1 On 20/02/2019 Spot Bond					0.00000	101.60771			0.00	0	0
Total FS2C1 SPOT									0.00	0	0
Total For FS2C1									0.00	0	0
FS2D1 On 20/02/2019 Spot Bond					0.00000	101.80523			0.00	0	0
Total FS2D1 SPOT									0.00	0	0
Total For FS2D1									0.00	0	0
FS3A5 On 20/02/2020 Spot Bond					0.00000	101.58139			0.00	0	0
Total FS3A5 SPOT									0.00	0	0
Total For FS3A5									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FS3A5L On 20/02/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS3A5U SPOT										0.00	0	0
Total For FS3A5U										0.00	0	0
FS3B1 On 20/02/2020 Spot Bond					0.00000	102.16609				0.00	0	0
Total FS3B1 SPOT										0.00	0	0
Total For FS3B1										0.00	0	0
FS3B1L On 20/02/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS3B1U SPOT										0.00	0	0
Total For FS3B1U										0.00	0	0
FS3C1L On 20/02/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS3C1U SPOT										0.00	0	0
Total For FS3C1U										0.00	0	0
FS3D1L On 20/02/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS3D1U SPOT										0.00	0	0
Total For FS3D1U										0.00	0	0
FS4A4L On 20/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS4A4U SPOT										0.00	0	0
Total For FS4A4U										0.00	0	0
FS4A5L On 20/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS4A5U SPOT										0.00	0	0
Total For FS4A5U										0.00	0	0
FS4B1L On 20/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS4B1U SPOT										0.00	0	0
Total For FS4B1U										0.00	0	0
FS4C1L On 20/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1L On 20/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS4D1U SPOT										0.00	0	0
Total For FS4D1U										0.00	0	0
FS5A3L On 20/04/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS5A3U SPOT										0.00	0	0
Total For FS5A3U										0.00	0	0
FS5A4L On 20/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FS5A5L On 20/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS5A5U SPOT									0.00	0	0
Total For FS5A5U									0.00	0	0
FS5B1L On 20/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS5B1U SPOT									0.00	0	0
Total For FS5B1U									0.00	0	0
FS5C1L On 20/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS5C1U SPOT									0.00	0	0
Total For FS5C1U									0.00	0	0
FS5D1L On 20/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS5D1U SPOT									0.00	0	0
Total For FS5D1U									0.00	0	0
FS5E1L On 20/04/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS5E1U SPOT									0.00	0	0
Total For FS5E1U									0.00	0	0
FS6A1 On 20/08/2021 Spot Bond					0.00000	101.64839			0.00	0	0
Total FS6A1 SPOT									0.00	0	0
Total For FS6A1									0.00	0	0
FS6A2 On 20/08/2023 Spot Bond					0.00000	101.72531			0.00	0	0
Total FS6A2 SPOT									0.00	0	0
Total For FS6A2									0.00	0	0
FS6A3 On 20/08/2023 Spot Bond					0.00000	101.76507			0.00	0	0
Total FS6A3 SPOT									0.00	0	0
Total For FS6A3									0.00	0	0
FS6B1 On 20/08/2023 Spot Bond					0.00000	101.79478			0.00	0	0
Total FS6B1 SPOT									0.00	0	0
Total For FS6B1									0.00	0	0
FS6C1L On 20/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS6C1U SPOT									0.00	0	0
Total For FS6C1U									0.00	0	0
FS6D1L On 20/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS6D1U SPOT									0.00	0	0
Total For FS6D1U									0.00	0	0
FS6E1L On 20/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total FS6E1U SPOT									0.00	0	0
Total For FS6E1U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
GBL03 On 16/11/2020 Spot Bond					0.00000	103.32015			0.00	200,000,000	100,000,000
Total GBL03 SPOT									0.00	200,000,000	100,000,000
Total For GBL03									0.00	200,000,000	100,000,000
GBL04 On 05/06/2021 Spot Bond					0.00000	101.49563			0.00	0	0
Total GBL04 SPOT									0.00	0	0
Total For GBL04									0.00	0	0
GH2A1 On 25/10/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GH2A1U SPOT									0.00	0	0
Total For GH2A1U									0.00	0	0
GH31A On 25/02/2020 Spot Bond					0.00000	101.38045			0.00	0	0
Total GH31A2 SPOT									0.00	0	0
Total For GH31A2									0.00	0	0
GH31A On 25/02/2020 Spot Bond					0.00000	101.39650			0.00	0	0
Total GH31A3 SPOT									0.00	0	0
Total For GH31A3									0.00	0	0
GH31B On 25/02/2020 Spot Bond					0.00000	101.50076			0.00	0	0
Total GH31B SPOT									0.00	0	0
Total For GH31B									0.00	0	0
GH31C On 25/02/2020 Spot Bond					0.00000	101.62901			0.00	0	0
Total GH31C SPOT									0.00	0	0
Total For GH31C									0.00	0	0
GH31D On 25/02/2020 Spot Bond					0.00000	101.70912			0.00	0	0
Total GH31D SPOT									0.00	0	0
Total For GH31D									0.00	0	0
GH41U On 25/10/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GH41U SPOT									0.00	0	0
Total For GH41U									0.00	0	0
GRB01 On 08/12/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB01U SPOT									0.00	0	0
Total For GRB01U									0.00	0	0
GRB03 On 03/03/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB03U SPOT									0.00	0	0
Total For GRB03U									0.00	0	0
GRB04 On 15/05/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB04U SPOT									0.00	0	0
Total For GRB04U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
GRB05 On 10/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB05U SPOT										0.00	0	0
Total For GRB05U										0.00	0	0
GRB06 On 10/06/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB06U SPOT										0.00	0	0
Total For GRB06U										0.00	0	0
GRB07 On 31/01/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB07U SPOT										0.00	0	0
Total For GRB07U										0.00	0	0
GRB13 On 31/01/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB13U SPOT										0.00	0	0
Total For GRB13U										0.00	0	0
GRB14 On 31/07/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB14U SPOT										0.00	0	0
Total For GRB14U										0.00	0	0
GRB15 On 31/01/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB15U SPOT										0.00	0	0
Total For GRB15U										0.00	0	0
GRB16 On 31/07/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB16U SPOT										0.00	0	0
Total For GRB16U										0.00	0	0
GRB17 On 29/01/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB17U SPOT										0.00	0	0
Total For GRB17U										0.00	0	0
GRB18 On 30/07/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB18U SPOT										0.00	0	0
Total For GRB18U										0.00	0	0
GRB19 On 31/01/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB19U SPOT										0.00	0	0
Total For GRB19U										0.00	0	0
GRB20 On 17/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB20U SPOT										0.00	0	0
Total For GRB20U										0.00	0	0
GRB21 On 17/03/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRB21U SPOT										0.00	0	0
Total For GRB21U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
GRB22 On 17/03/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB22U SPOT									0.00	0	0
Total For GRB22U									0.00	0	0
GRB23 On 07/06/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB23U SPOT									0.00	0	0
Total For GRB23U									0.00	0	0
GRB24 On 15/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB24U SPOT									0.00	0	0
Total For GRB24U									0.00	0	0
GRB25 On 15/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB25U SPOT									0.00	0	0
Total For GRB25U									0.00	0	0
GRB27 On 02/02/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB27U SPOT									0.00	0	0
Total For GRB27U									0.00	0	0
GRB28 On 02/05/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB28U SPOT									0.00	0	0
Total For GRB28U									0.00	0	0
GRB29 On 01/03/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total GRB29U SPOT									0.00	0	0
Total For GRB29U									0.00	0	0
GRT07 On 21/02/2024 Spot Bond					0.00000	103.05631			0.00	0	0
Total GRT07 SPOT									0.00	0	0
Total For GRT07									0.00	0	0
GRT08 On 24/06/2019 Spot Bond					0.00000	101.00665			0.00	0	0
Total GRT08 SPOT									0.00	0	0
Total For GRT08									0.00	0	0
GRT10 On 13/05/2019 Spot Bond					0.00000	102.03724			0.00	1,600,000,000	800,000,000
Total GRT10 SPOT									0.00	1,600,000,000	800,000,000
Total For GRT10									0.00	1,600,000,000	800,000,000
GRT11 On 13/05/2021 Spot Bond					0.00000	101.76947			0.00	0	0
Total GRT11 SPOT									0.00	0	0
Total For GRT11									0.00	0	0
GRT12 On 24/06/2020 Spot Bond					0.00000	101.26058			0.00	0	0
Total GRT12 SPOT									0.00	0	0
Total For GRT12									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
GRT13 On 15/04/2020 Spot Bond					0.00000	100.23691				0.00	0	0
Total GRT13 SPOT										0.00	0	0
Total For GRT13										0.00	0	0
GRT14 On 15/09/2021 Spot Bond					0.00000	101.76161				0.00	0	0
Total GRT14 SPOT										0.00	0	0
Total For GRT14										0.00	0	0
GRT15 On 15/04/2020 Spot Bond					0.00000	100.30591				0.00	0	0
Total GRT15 SPOT										0.00	0	0
Total For GRT15										0.00	0	0
GRT16 On 17/10/2021 Spot Bond					0.00000	100.99830				0.00	0	0
Total GRT16 SPOT										0.00	0	0
Total For GRT16										0.00	0	0
GRT17 On 17/10/2023 Spot Bond			10.03500	100.68708	10.03500	100.66001				0.00	0	0
Total GRT17 SPOT										0.00	0	0
Total For GRT17										0.00	0	0
GRT18 On 13/03/2020 Spot Bond					0.00000	101.12233				0.00	0	0
Total GRT18 SPOT										0.00	0	0
Total For GRT18										0.00	0	0
GRT19 On 14/03/2022 Spot Bond					0.00000	101.86509				0.00	0	0
Total GRT19 SPOT										0.00	0	0
Total For GRT19										0.00	0	0
GRT20 On 03/04/2024 Spot Bond					0.00000	101.81046				0.00	0	0
Total GRT20 SPOT										0.00	0	0
Total For GRT20										0.00	0	0
GRT21 On 03/04/2024 Spot Bond			10.69500	96.75660	10.69500	96.87635				0.00	0	0
Total GRT21 SPOT										0.00	0	0
Total For GRT21										0.00	0	0
GRT22 On 16/10/2022 Spot Bond					0.00000	100.21190				0.00	0	0
Total GRT22 SPOT										0.00	0	0
Total For GRT22										0.00	0	0
GRT23 On 16/10/2024 Spot Bond					0.00000	100.44412				0.00	0	0
Total GRT23 SPOT										0.00	0	0
Total For GRT23										0.00	0	0
GRT24 On 09/03/2023 Spot Bond					0.00000	101.05347				0.00	0	0
Total GRT24G SPOT										0.00	0	0
Total For GRT24G										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
GRT25 On 09/03/2025 Spot Bond					0.00000	101.08992				0.00	0	0
Total GRT25G SPOT										0.00	0	0
Total For GRT25G										0.00	0	0
GRT26 On 09/03/2028 Spot Bond					0.00000	101.12771				0.00	0	0
Total GRT26G SPOT										0.00	0	0
Total For GRT26G										0.00	0	0
GRT27 On 28/09/2023 Spot Bond					0.00000	100.62045				0.00	0	0
Total GRT27 SPOT										0.00	0	0
Total For GRT27										0.00	0	0
GRX01 On 03/07/2032 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRX01U SPOT										0.00	0	0
Total For GRX01U										0.00	0	0
GRX02 On 30/09/2039 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total GRX02U SPOT										0.00	0	0
Total For GRX02U										0.00	0	0
HC2T3 On 05/10/2019 Spot Bond					0.00000	100.45107				0.00	0	0
Total HC2T3 SPOT										0.00	0	0
Total For HC2T3										0.00	0	0
HC5T1 On 29/10/2018 Spot Bond					0.00000	101.29238				0.00	0	0
Total HC5T1 SPOT										0.00	0	0
Total For HC5T1										0.00	0	0
HIL01U On 21/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total HIL01U SPOT										0.00	0	0
Total For HIL01U										0.00	0	0
HILB04 On 01/11/2019 Spot Bond					0.00000	99.97292				0.00	0	0
Total HILB04 SPOT										0.00	0	0
Total For HILB04										0.00	0	0
HILB05 On 11/07/2019 Spot Bond					0.00000	100.49524				0.00	0	0
Total HILB05 SPOT										0.00	0	0
Total For HILB05										0.00	0	0
HILB06 On 11/07/2020 Spot Bond					0.00000	100.34193				0.00	0	0
Total HILB06 SPOT										0.00	0	0
Total For HILB06										0.00	0	0
HILB07 On 11/07/2021 Spot Bond					0.00000	100.34615				0.00	0	100,000,000
Total HILB07 SPOT										0.00	0	100,000,000
Total For HILB07										0.00	0	100,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
HILB08 On 29/03/2023 Spot Bond					0.00000	100.75256			0.00	0	0
Total HILB08 SPOT									0.00	0	0
Total For HILB08									0.00	0	0
HILB09 On 29/03/2025 Spot Bond					0.00000	100.59183			0.00	0	0
Total HILB09 SPOT									0.00	0	0
Total For HILB09									0.00	0	0
HILB10 On 17/03/2022 Spot Bond					0.00000	100.89817			0.00	0	0
Total HILB10 SPOT									0.00	0	0
Total For HILB10									0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total HM1C4U SPOT									0.00	0	0
Total For HM1C4U									0.00	0	0
HM1C5 On 19/07/2048 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total HM1C5U SPOT									0.00	0	0
Total For HM1C5U									0.00	0	0
HPF04/ On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total HPF04/JIBAR SPOT									0.00	0	0
Total For HPF04/JIBAR									0.00	0	0
HPF06 On 20/02/2020 Spot Bond					0.00000	101.78727			0.00	0	0
Total HPF06 SPOT									0.00	0	0
Total For HPF06									0.00	0	0
HPF08 On 15/04/2019 Spot Bond					0.00000	100.27781			0.00	0	0
Total HPF08 SPOT									0.00	0	0
Total For HPF08									0.00	0	0
HPF09 On 15/04/2019 Spot Bond					0.00000	100.32620			0.00	0	0
Total HPF09 SPOT									0.00	0	0
Total For HPF09									0.00	0	0
HPF11 On 31/03/2023 Spot Bond					0.00000	100.59510			0.00	0	0
Total HPF11 SPOT									0.00	0	0
Total For HPF11									0.00	0	0
HWAY2 On 31/07/2020 Spot Bond			7.81500	105.41287	7.81500	105.39091			0.00	0	440,000,000
Total HWAY20 SPOT									0.00	0	440,000,000
Total For HWAY20									0.00	0	440,000,000
HWAY2 On 31/07/2020 Spot Bond			100.00000	33.40489	100.00000	33.33136			0.00	0	0
Total HWAY20/R207 SPOT									0.00	0	0
Total For HWAY20/R207									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
HWAY2 On 07/12/2023 Spot Bond			3.87000	288.39343	3.87000	288.28594			0.00	0	0
Total HWAY23 SPOT									0.00	0	0
Total For HWAY23									0.00	0	0
HWAY2 On 07/12/2024 Spot Bond			4.05000	4.05000	4.05000	289.03669			0.00	0	0
Total HWAY24 SPOT									0.00	0	0
Total For HWAY24									0.00	0	0
HWAY3 On 28/02/2033 Spot Bond			3.70000	84.31779	3.70000	98.72581			0.00	0	0
Total HWAY33 SPOT									0.00	0	0
Total For HWAY33									0.00	0	0
HWAY3 On 31/07/2034 Spot Bond			10.99500	89.22170	10.99500	89.19576			0.00	0	1,590,000,000
Total HWAY34 SPOT									0.00	0	1,590,000,000
Total For HWAY34									0.00	0	1,590,000,000
HWAY3 On 31/07/2034 Spot Bond			100.00000	11.20500	100.00000	11.18034			0.00	0	0
Total HWAY34/R208 SPOT									0.00	0	0
Total For HWAY34/R208									0.00	0	0
HWAY3 On 31/07/2035 Spot Bond			10.99500	88.92363	10.99500	88.89777			0.00	0	100,000,000
Total HWAY35 SPOT									0.00	0	100,000,000
Total For HWAY35									0.00	0	100,000,000
HWAY3 On 31/07/2035 Spot Bond			100.00000	11.20486	100.00000	11.18020			0.00	0	0
Total HWAY35/R209 SPOT									0.00	0	0
Total For HWAY35/R209									0.00	0	0
HWF08 On 15/07/2019 Spot Bond					0.00000	100.54097			0.00	0	0
Total HWF08 SPOT									0.00	0	0
Total For HWF08									0.00	0	0
HWF09 On 19/09/2019 Spot Bond					0.00000	101.13484			0.00	0	0
Total HWF09 SPOT									0.00	0	0
Total For HWF09									0.00	0	0
HWF10 On 30/09/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total HWF10U SPOT									0.00	0	0
Total For HWF10U									0.00	0	0
HWY02 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total HWY023/R197 SPOT									0.00	0	0
Total For HWY023/R197									0.00	0	0
I2025 On 31/01/2025 Spot Bond			3.00000	132.28727	2.97000	132.47114		148,418,446,800,000.00	49,472,815,600	139,325,181,500	
Total I2025 SPOT								18,418,446,800,000.00	49,472,815,600	139,325,181,500	
Total For I2025								18,418,446,800,000.00	49,472,815,600	139,325,181,500	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2029 On 31/03/2029 Spot Bond			3.00000	100.57917	3.00000	100.54399		278,681,387,400,000.00	92,893,795,800	55,149,750,200	
Total I2029 SPOT								78,681,387,400,000.00	92,893,795,800	55,149,750,200	
Total For I2029								78,681,387,400,000.00	92,893,795,800	55,149,750,200	
I2033 On 28/02/2033 Spot Bond			3.07000	102.90918	3.07000	102.87293		281,662,632,406,000.00	91,746,785,800	47,356,331,800	
Total I2033 SPOT								11,662,632,406,000.00	91,746,785,800	47,356,331,800	
Total For I2033								11,662,632,406,000.00	91,746,785,800	47,356,331,800	
I2038 On 31/01/2038 Spot Bond			3.12000	122.80484	3.14000	122.39124		85,509,359,520,000.00	27,406,846,000	177,377,723,800	
Total I2038 SPOT								15,509,359,520,000.00	27,406,846,000	177,377,723,800	
Total For I2038								15,509,359,520,000.00	27,406,846,000	177,377,723,800	
I2046 On 31/03/2046 Spot Bond			3.12500	116.68861	3.12500	116.64739		216,026,618,125,000.00	69,128,517,800	137,340,068,400	
Total I2046 SPOT								16,026,618,125,000.00	69,128,517,800	137,340,068,400	
Total For I2046								16,026,618,125,000.00	69,128,517,800	137,340,068,400	
I2050 On 31/12/2050 Spot Bond			3.14000	122.54145	3.14000	122.49824		61,917,769,272,000.00	19,719,034,800	100,650,783,600	
Total I2050 SPOT								11,917,769,272,000.00	19,719,034,800	100,650,783,600	
Total For I2050								11,917,769,272,000.00	19,719,034,800	100,650,783,600	
IB105U On 20/07/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total IB105U SPOT								0.00	0	0	
Total For IB105U								0.00	0	0	
IB107U On 08/09/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total IB107U SPOT								0.00	0	0	
Total For IB107U								0.00	0	0	
IBL02U On 24/05/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total IBL02U SPOT								0.00	0	0	
Total For IBL02U								0.00	0	0	
IBL100 On 24/05/2020 Spot Bond					0.00000	101.44112		0.00	0	0	
Total IBL100 SPOT								0.00	0	0	
Total For IBL100								0.00	0	0	
IBL101 On 24/05/2022 Spot Bond			9.51000	9.51000	9.51000	102.48851		0.00	0	0	
Total IBL101 SPOT								0.00	0	0	
Total For IBL101								0.00	0	0	
IBL102 On 24/05/2022 Spot Bond					0.00000	101.92936		0.00	0	0	
Total IBL102 SPOT								0.00	0	0	
Total For IBL102								0.00	0	0	
IBL104 On 17/07/2020 Spot Bond			8.70500	8.70500	8.70500	100.18738		0.00	0	0	
Total IBL104 SPOT								0.00	0	0	
Total For IBL104								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IBL106 On 06/08/2020 Spot Bond			8.28000	8.28000	8.28000	101.79758			0.00	0	0
Total IBL106 SPOT									0.00	0	0
Total For IBL106									0.00	0	0
IBL108 On 22/11/2019 Spot Bond					0.00000	101.46283			0.00	0	0
Total IBL108 SPOT									0.00	0	0
Total For IBL108									0.00	0	0
IBL109 On 07/12/2023 Spot Bond			3.98000	287.00775	3.98000	286.89992			0.00	0	0
Total IBL109 SPOT									0.00	0	0
Total For IBL109									0.00	0	0
IBL110 On 07/03/2019 Spot Bond			8.12000	8.12000	8.12000	101.06569			0.00	0	0
Total IBL110 SPOT									0.00	0	0
Total For IBL110									0.00	0	0
IBL112 On 21/05/2020 Spot Bond					0.00000	101.47709			0.00	0	0
Total IBL112 SPOT									0.00	0	0
Total For IBL112									0.00	0	0
IBL113 On 21/05/2021 Spot Bond					0.00000	101.47708			0.00	0	0
Total IBL113 SPOT									0.00	0	0
Total For IBL113									0.00	0	0
IBL114 On 21/05/2022 Spot Bond					0.00000	101.53885			0.00	0	0
Total IBL114 SPOT									0.00	0	0
Total For IBL114									0.00	0	0
IBL115 On 21/05/2023 Spot Bond					0.00000	101.51770			0.00	0	0
Total IBL115 SPOT									0.00	0	0
Total For IBL115									0.00	0	0
IBL116 On 20/06/2020 Spot Bond					0.00000	100.79884			0.00	0	0
Total IBL116 SPOT									0.00	0	0
Total For IBL116									0.00	0	0
IBL117 On 13/07/2019 Spot Bond					0.00000	100.22638			0.00	0	0
Total IBL117 SPOT									0.00	0	0
Total For IBL117									0.00	0	0
IBL118 On 24/07/2020 Spot Bond					0.00000	100.02047			0.00	0	0
Total IBL118 SPOT									0.00	0	0
Total For IBL118									0.00	0	0
IBL119 On 16/08/2021 Spot Bond					0.00000	101.62667			0.00	0	0
Total IBL119 SPOT									0.00	0	0
Total For IBL119									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IBL120 On 12/10/2020 Spot Bond					0.00000	100.34114				0.00	0	0
Total IBL120 SPOT										0.00	0	0
Total For IBL120										0.00	0	0
IBL36 On 31/01/2022 Spot Bond			3.41000	3.41000	3.41000	152.45330				0.00	0	0
Total IBL36 SPOT										0.00	0	0
Total For IBL36										0.00	0	0
IBL43/J On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total IBL43/JIBAR SPOT										0.00	0	0
Total For IBL43/JIBAR										0.00	0	0
IBL45 On 21/12/2018 Spot Bond			7.46500	7.46500	7.46500	102.80157				0.00	0	0
Total IBL45 SPOT										0.00	0	0
Total For IBL45										0.00	0	0
IBL46 On 15/01/2020 Spot Bond			7.56500	7.56500	7.56500	101.63145				0.00	0	319,000,000
Total IBL46 SPOT										0.00	0	319,000,000
Total For IBL46										0.00	0	319,000,000
IBL50 On 02/08/2020 Spot Bond			8.41500	103.18311	8.41500	103.16000				0.00	0	0
Total IBL50 SPOT										0.00	0	0
Total For IBL50										0.00	0	0
IBL56 On 31/01/2019 Spot Bond					0.00000	99.86353				0.00	0	0
Total IBL56 SPOT										0.00	0	0
Total For IBL56										0.00	0	0
IBL59 On 17/02/2019 Spot Bond			7.20500	102.30285	7.20500	102.28311				0.00	0	0
Total IBL59 SPOT										0.00	0	0
Total For IBL59										0.00	0	0
IBL60 On 17/02/2024 Spot Bond			10.19500	102.16211	10.19500	102.13452				0.00	0	0
Total IBL60 SPOT										0.00	0	0
Total For IBL60										0.00	0	0
IBL61 On 31/03/2019 Spot Bond					0.00000	100.56118				0.00	0	0
Total IBL61 SPOT										0.00	0	0
Total For IBL61										0.00	0	0
IBL64 On 29/07/2019 Spot Bond					0.00000	100.16480				0.00	0	40,710,000,000
Total IBL64 SPOT										0.00	0	40,710,000,000
Total For IBL64										0.00	0	40,710,000,000
IBL65 On 29/07/2021 Spot Bond					0.00000	99.91521				0.00	0	0
Total IBL65 SPOT										0.00	0	0
Total For IBL65										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IBL67 On 31/01/2022 Spot Bond			4.11000	149.27211	4.11000	149.21561				0.00	0	0
Total IBL67 SPOT										0.00	0	0
Total For IBL67										0.00	0	0
IBL75 On 19/08/2020 Spot Bond					0.00000	102.41612				0.00	0	0
Total IBL75 SPOT										0.00	0	0
Total For IBL75										0.00	0	0
IBL76 On 25/11/2018 Spot Bond					0.00000	101.43781				0.00	0	0
Total IBL76 SPOT										0.00	0	0
Total For IBL76										0.00	0	0
IBL77 On 25/11/2020 Spot Bond					0.00000	101.97953				0.00	0	0
Total IBL77 SPOT										0.00	0	0
Total For IBL77										0.00	0	0
IBL78 On 25/11/2022 Spot Bond			10.24500	103.49580	10.24500	103.46770				0.00	0	0
Total IBL78 SPOT										0.00	0	0
Total For IBL78										0.00	0	0
IBL79 On 27/01/2019 Spot Bond			7.03500	103.15104	7.03500	103.13151				0.00	0	0
Total IBL79 SPOT										0.00	0	0
Total For IBL79										0.00	0	0
IBL80U On 02/02/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IBL80U SPOT										0.00	0	0
Total For IBL80U										0.00	0	0
IBL81U On 02/02/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IBL81U SPOT										0.00	0	0
Total For IBL81U										0.00	0	0
IBL82 On 29/01/2019 Spot Bond					0.00000	100.05528				0.00	0	33,000,000
Total IBL82 SPOT										0.00	0	33,000,000
Total For IBL82										0.00	0	33,000,000
IBL83 On 22/03/2019 Spot Bond					0.00000	100.71104				0.00	0	0
Total IBL83 SPOT										0.00	0	0
Total For IBL83										0.00	0	0
IBL84U On 21/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IBL84U SPOT										0.00	0	0
Total For IBL84U										0.00	0	0
IBL85 On 20/05/2019 Spot Bond					0.00000	101.86518				0.00	0	19,480,000,000
Total IBL85 SPOT										0.00	0	19,480,000,000
Total For IBL85										0.00	0	19,480,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IBL86 On 20/05/2021 Spot Bond					0.00000	102.63532				0.00	0	0
Total IBL86 SPOT										0.00	0	0
Total For IBL86										0.00	0	0
IBL87 On 20/05/2019 Spot Bond			7.33500	105.52211	7.33500	105.50146				0.00	0	0
Total IBL87 SPOT										0.00	0	0
Total For IBL87										0.00	0	0
IBL88 On 20/05/2021 Spot Bond			9.19000	106.97879	9.19000	106.95267				0.00	0	0
Total IBL88 SPOT										0.00	0	0
Total For IBL88										0.00	0	0
IBL88/F On 20/05/2021 Spot Bond			100.00000	25.82697	100.00000	25.77013				0.00	0	0
Total IBL88/R208 SPOT										0.00	0	0
Total For IBL88/R208										0.00	0	0
IBL89 On 26/05/2021 Spot Bond					0.00000	101.50689				0.00	0	0
Total IBL89 SPOT										0.00	0	0
Total For IBL89										0.00	0	0
IBL90U On 20/05/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IBL90U SPOT										0.00	0	0
Total For IBL90U										0.00	0	0
IBL92 On 12/01/2020 Spot Bond					0.00000	100.31050				0.00	0	0
Total IBL92 SPOT										0.00	0	0
Total For IBL92										0.00	0	0
IBL94 On 06/09/2019 Spot Bond					0.00000	101.27842				0.00	0	0
Total IBL94 SPOT										0.00	0	0
Total For IBL94										0.00	0	0
IBL95 On 12/09/2021 Spot Bond					0.00000	102.41656				0.00	0	0
Total IBL95 SPOT										0.00	0	0
Total For IBL95										0.00	0	0
IBL96 On 21/09/2019 Spot Bond					0.00000	101.29186				0.00	0	0
Total IBL96 SPOT										0.00	0	0
Total For IBL96										0.00	0	0
IBL97 On 03/10/2019 Spot Bond					0.00000	100.52135				0.00	0	0
Total IBL97 SPOT										0.00	0	0
Total For IBL97										0.00	0	0
IBL98 On 03/10/2023 Spot Bond					0.00000	101.13155				0.00	0	0
Total IBL98 SPOT										0.00	0	0
Total For IBL98										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IBL99 On 21/10/2019 Spot Bond			7.20500	101.80140	7.20500	101.78160			0.00	0	0
Total IBL99 SPOT									0.00	0	0
Total For IBL99									0.00	0	0
IDC01L On 08/11/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IDC01U SPOT									0.00	0	0
Total For IDC01U									0.00	0	0
IDC02L On 28/02/2028 Spot Bond			100.00000	10.58093	100.00000	10.55763			0.00	0	0
Total IDC02U SPOT									0.00	0	0
Total For IDC02U									0.00	0	0
IDCC01 On 06/12/2018 Spot Bond					0.00000	101.08290			0.00	0	0
Total IDCC01 SPOT									0.00	0	0
Total For IDCC01									0.00	0	0
IDCC02 On 26/04/2019 Spot Bond					0.00000	99.98003			0.00	0	0
Total IDCC02 SPOT									0.00	0	0
Total For IDCC02									0.00	0	0
IDCG03 On 22/10/2020 Spot Bond			9.01000	98.89405	9.01000	98.87011			0.00	0	0
Total IDCG03 SPOT									0.00	0	0
Total For IDCG03									0.00	0	0
IDCG05 On 24/11/2019 Spot Bond					0.00000	101.90521			0.00	0	0
Total IDCG05 SPOT									0.00	0	0
Total For IDCG05									0.00	0	0
IDCG06 On 24/11/2024 Spot Bond			10.22500	101.00566	10.22500	100.97830			0.00	0	0
Total IDCG06 SPOT									0.00	0	0
Total For IDCG06									0.00	0	0
IDCG07 On 13/11/2020 Spot Bond					0.00000	101.72359			0.00	0	0
Total IDCG07 SPOT									0.00	0	0
Total For IDCG07									0.00	0	0
IDCG08 On 13/05/2030 Spot Bond			11.95500	100.87137	11.95500	100.75565			0.00	0	0
Total IDCG08 SPOT									0.00	0	0
Total For IDCG08									0.00	0	0
IDCG09 On 05/12/2019 Spot Bond					0.00000	101.76418			0.00	0	0
Total IDCG09 SPOT									0.00	0	0
Total For IDCG09									0.00	0	0
IDCG10 On 05/12/2021 Spot Bond					0.00000	101.21306			0.00	0	0
Total IDCG10 SPOT									0.00	0	0
Total For IDCG10									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IDCG11 On 05/12/2026 Spot Bond			11.09500	102.64344	11.09500	102.61316				0.00	0	0
Total IDCG11 SPOT										0.00	0	0
Total For IDCG11										0.00	0	0
IDCG12 On 26/04/2021 Spot Bond					0.00000	100.06755				0.00	0	0
Total IDCG12 SPOT										0.00	0	0
Total For IDCG12										0.00	0	0
IDCG13 On 26/04/2023 Spot Bond					0.00000	99.97789				0.00	0	0
Total IDCG13 SPOT										0.00	0	0
Total For IDCG13										0.00	0	0
IDCP06 On 17/10/2019 Spot Bond			4.00000	4.00000	4.00000	100.08708				0.00	0	0
Total IDCP06 SPOT										0.00	0	0
Total For IDCP06										0.00	0	0
IDCP07 On 15/12/2022 Spot Bond					0.00000	100.92135				0.00	0	0
Total IDCP07 SPOT										0.00	0	0
Total For IDCP07										0.00	0	0
IDCP1U On 18/05/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IDCP1U SPOT										0.00	0	0
Total For IDCP1U										0.00	0	0
IDCP2L On 05/04/2025 Spot Bond			100.00000	5.22973	100.00000	5.21810				0.00	0	0
Total IDCP2U SPOT										0.00	0	0
Total For IDCP2U										0.00	0	0
IDCP3L On 04/07/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IDCP3U SPOT										0.00	0	0
Total For IDCP3U										0.00	0	0
IFC01 On 10/12/2024 Spot Bond			9.39500	100.17971	9.39500	100.15459				0.00	0	0
Total IFC01 SPOT										0.00	0	0
Total For IFC01										0.00	0	0
IFC02 On 14/04/2021 Spot Bond			7.84000	102.32268	7.84000	102.30107				0.00	0	0
Total IFC02 SPOT										0.00	0	0
Total For IFC02										0.00	0	0
IN276U On 30/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IN276U SPOT										0.00	0	0
Total For IN276U										0.00	0	0
IN277U On 30/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total IN277U SPOT										0.00	0	0
Total For IN277U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IN281U On 28/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN281U SPOT									0.00	0	0
Total For IN281U									0.00	0	0
IN286U On 15/07/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN286U SPOT									0.00	0	0
Total For IN286U									0.00	0	0
IN289U On 30/06/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN289U SPOT									0.00	0	0
Total For IN289U									0.00	0	0
IN303U On 01/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN303U SPOT									0.00	0	0
Total For IN303U									0.00	0	0
IN304U On 30/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN304U SPOT									0.00	0	0
Total For IN304U									0.00	0	0
IN306U On 24/06/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN306U SPOT									0.00	0	0
Total For IN306U									0.00	0	0
IN313U On 11/12/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN313U SPOT									0.00	0	0
Total For IN313U									0.00	0	0
IN327U On 15/02/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN327U SPOT									0.00	0	0
Total For IN327U									0.00	0	0
IN329U On 22/03/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN329U SPOT									0.00	0	0
Total For IN329U									0.00	0	0
IN334U On 22/09/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN334U SPOT									0.00	0	0
Total For IN334U									0.00	0	0
IN342U On 31/03/2032 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN342U SPOT									0.00	0	0
Total For IN342U									0.00	0	0
IN343U On 28/02/2035 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN343U SPOT									0.00	0	0
Total For IN343U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IN345U On 31/01/2030 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN345U SPOT									0.00	0	0
Total For IN345U									0.00	0	0
IN347U On 21/12/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN347U SPOT									0.00	0	0
Total For IN347U									0.00	0	0
IN355U On 22/03/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN355U SPOT									0.00	0	0
Total For IN355U									0.00	0	0
IN367U On 22/03/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN367U SPOT									0.00	0	0
Total For IN367U									0.00	0	0
IN378U On 16/01/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN378U SPOT									0.00	0	0
Total For IN378U									0.00	0	0
IN385U On 12/12/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN385U SPOT									0.00	0	0
Total For IN385U									0.00	0	0
IN386U On 15/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IN386U SPOT									0.00	0	0
Total For IN386U									0.00	0	0
ING196 On 30/06/2027 Spot Bond					0.00000	75.78758			0.00	0	0
Total ING196 SPOT									0.00	0	0
Total For ING196									0.00	0	0
ING211 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total ING211/JIBAR SPOT									0.00	0	0
Total For ING211/JIBAR									0.00	0	0
ING335 On 15/08/2019 Spot Bond					0.00000	103.96486			0.00	0	0
Total ING335 SPOT									0.00	0	0
Total For ING335									0.00	0	0
ING360 On 22/09/2022 Spot Bond					0.00000	100.79595			0.00	0	0
Total ING360 SPOT									0.00	0	0
Total For ING360									0.00	0	0
ING362 On 24/02/2021 Spot Bond					0.00000	101.28334			0.00	0	0
Total ING362 SPOT									0.00	0	0
Total For ING362									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ING370 On 29/01/2019 Spot Bond					0.00000	99.91745				0.00	0	0
Total ING370 SPOT										0.00	0	0
Total For ING370										0.00	0	0
ING371 On 31/01/2020 Spot Bond					0.00000	101.97665				0.00	0	0
Total ING371 SPOT										0.00	0	0
Total For ING371										0.00	0	0
ING375 On 24/02/2023 Spot Bond					0.00000	102.11889				0.00	0	0
Total ING375 SPOT										0.00	0	0
Total For ING375										0.00	0	0
ING383 On 30/06/2020 Spot Bond					0.00000	100.78839				0.00	0	0
Total ING383 SPOT										0.00	0	0
Total For ING383										0.00	0	0
ING384 On 30/09/2020 Spot Bond					0.00000	78.94859				0.00	0	0
Total ING384 SPOT										0.00	0	0
Total For ING384										0.00	0	0
INLV01 On 12/08/2024 Spot Bond					0.00000	102.30194				0.00	0	0
Total INLV01 SPOT										0.00	0	0
Total For INLV01										0.00	0	0
INLV02 On 20/10/2020 Spot Bond					0.00000	100.82776				0.00	0	0
Total INLV02 SPOT										0.00	0	0
Total For INLV02										0.00	0	0
INLV03 On 11/02/2021 Spot Bond					0.00000	102.38039				0.00	0	0
Total INLV03 SPOT										0.00	0	0
Total For INLV03										0.00	0	0
INLV04 On 11/02/2021 Spot Bond			11.49000	105.11218	11.49000	105.08027				0.00	0	0
Total INLV04 SPOT										0.00	0	0
Total For INLV04										0.00	0	0
INLV05 On 22/03/2023 Spot Bond					0.00000	101.50297				0.00	0	0
Total INLV05 SPOT										0.00	0	0
Total For INLV05										0.00	0	0
IPF01/J On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total IPF01/JIBAR SPOT										0.00	0	0
Total For IPF01/JIBAR										0.00	0	0
IPF09 On 01/07/2019 Spot Bond					0.00000	100.80733				0.00	0	950,000,000
Total IPF09 SPOT										0.00	0	950,000,000
Total For IPF09										0.00	0	950,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IPF13 On 04/12/2020 Spot Bond					0.00000	101.23024			0.00	0	0
Total IPF13 SPOT									0.00	0	0
Total For IPF13									0.00	0	0
IPF14 On 17/12/2018 Spot Bond					0.00000	101.00674			0.00	0	0
Total IPF14 SPOT									0.00	0	0
Total For IPF14									0.00	0	0
IPF15 On 17/12/2020 Spot Bond					0.00000	101.22005			0.00	0	0
Total IPF15 SPOT									0.00	0	0
Total For IPF15									0.00	0	0
IPF16 On 17/12/2021 Spot Bond					0.00000	100.94535			0.00	0	0
Total IPF16 SPOT									0.00	0	0
Total For IPF16									0.00	0	0
IPF17 On 22/12/2020 Spot Bond					0.00000	100.71491			0.00	0	0
Total IPF17 SPOT									0.00	0	0
Total For IPF17									0.00	0	0
IPF18 On 22/12/2021 Spot Bond					0.00000	100.72302			0.00	0	0
Total IPF18 SPOT									0.00	0	0
Total For IPF18									0.00	0	0
IPF19 On 22/12/2022 Spot Bond					0.00000	100.73114			0.00	0	0
Total IPF19 SPOT									0.00	0	0
Total For IPF19									0.00	0	0
IPF20 On 17/03/2020 Spot Bond					0.00000	100.90229			0.00	0	0
Total IPF20 SPOT									0.00	0	0
Total For IPF20									0.00	0	0
IPF21 On 17/03/2022 Spot Bond					0.00000	100.93518			0.00	0	0
Total IPF21 SPOT									0.00	0	0
Total For IPF21									0.00	0	0
IPF22 On 14/06/2022 Spot Bond					0.00000	101.00833			0.00	0	0
Total IPF22 SPOT									0.00	0	0
Total For IPF22									0.00	0	0
IPF23U On 02/11/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IPF23U SPOT									0.00	0	0
Total For IPF23U									0.00	0	0
IPF24 On 05/02/2023 Spot Bond					0.00000	101.90928			0.00	0	0
Total IPF24 SPOT									0.00	0	0
Total For IPF24									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IPF25 On 15/10/2023 Spot Bond					0.00000	100.24188			0.00	0	0
Total IPF25 SPOT									0.00	0	0
Total For IPF25									0.00	0	0
IPFC19 On 26/10/2018 Spot Bond					0.00000	101.84817			0.00	0	0
Total IPFC19 SPOT									0.00	0	0
Total For IPFC19									0.00	0	0
IPL8/JIB On 10/10/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IPL8/JIBAR SPOT									0.00	0	0
Total For IPL8/JIBAR									0.00	0	0
IV017/F On 31/01/2022 Spot Bond			2.75000	100.64780	2.75000	100.64033			0.00	0	0
Total IV017/R212 SPOT									0.00	0	0
Total For IV017/R212									0.00	0	0
IV019 On 31/03/2028 Spot Bond			6.31000	142.09264	6.31000	142.03031			0.00	0	0
Total IV019 SPOT									0.00	0	0
Total For IV019									0.00	0	0
IV025 On 12/09/2019 Spot Bond					0.00000	101.59997			0.00	0	0
Total IV025 SPOT									0.00	0	0
Total For IV025									0.00	0	0
IV026 On 27/09/2019 Spot Bond					0.00000	100.20306			0.00	0	0
Total IV026 SPOT									0.00	0	0
Total For IV026									0.00	0	0
IV030 On 31/01/2025 Spot Bond			4.97000	4.97000	4.97000	118.07833			0.00	0	0
Total IV030 SPOT									0.00	0	0
Total For IV030									0.00	0	0
IV030A On 31/01/2025 Spot Bond			4.97000	4.97000	4.97000	118.07833			0.00	0	0
Total IV030A SPOT									0.00	0	0
Total For IV030A									0.00	0	0
IV031 On 11/03/2020 Spot Bond					0.00000	101.21617			0.00	0	0
Total IV031 SPOT									0.00	0	0
Total For IV031									0.00	0	0
IV033 On 11/02/2021 Spot Bond					0.00000	102.76073			0.00	0	0
Total IV033 SPOT									0.00	0	0
Total For IV033									0.00	0	0
IV034 On 11/02/2021 Spot Bond			11.39000	104.66086	11.39000	104.62936			0.00	0	0
Total IV034 SPOT									0.00	0	0
Total For IV034									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IV035 On 07/04/2022 Spot Bond					0.00000	107.80356			0.00	0	0
Total IV035 SPOT									0.00	0	0
Total For IV035									0.00	0	0
IV036 On 22/07/2021 Spot Bond					0.00000	100.03467			0.00	0	0
Total IV036 SPOT									0.00	0	0
Total For IV036									0.00	0	0
IV038 On 23/09/2021 Spot Bond					0.00000	100.92922			0.00	0	0
Total IV038 SPOT									0.00	0	0
Total For IV038									0.00	0	0
IV039 On 31/01/2022 Spot Bond			5.56000	5.56000	5.56000	142.76563			0.00	0	0
Total IV039 SPOT									0.00	0	0
Total For IV039									0.00	0	0
IV040 On 29/09/2021 Spot Bond					0.00000	103.86275			0.00	0	0
Total IV040 SPOT									0.00	0	0
Total For IV040									0.00	0	0
IV041 On 29/09/2021 Spot Bond			11.74000	101.42719	11.74000	101.39523			0.00	0	0
Total IV041 SPOT									0.00	0	0
Total For IV041									0.00	0	0
IV042 On 18/11/2021 Spot Bond					0.00000	102.04825			0.00	0	0
Total IV042 SPOT									0.00	0	0
Total For IV042									0.00	0	0
IV043 On 21/11/2021 Spot Bond			11.63000	11.63000	11.63000	107.50616			0.00	0	0
Total IV043 SPOT									0.00	0	0
Total For IV043									0.00	0	0
IV044 On 31/01/2022 Spot Bond					0.00000	99.82705			0.00	0	0
Total IV044 SPOT									0.00	0	0
Total For IV044									0.00	0	0
IV045 On 31/01/2022 Spot Bond			5.11000	144.78982	5.11000	144.73117			0.00	0	0
Total IV045 SPOT									0.00	0	0
Total For IV045									0.00	0	0
IV046 On 21/06/2022 Spot Bond					0.00000	101.02049			0.00	0	50,000,000
Total IV046 SPOT									0.00	0	50,000,000
Total For IV046									0.00	0	50,000,000
IV100U On 19/12/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IV100U SPOT									0.00	0	0
Total For IV100U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IV115U On 28/06/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IV115U SPOT									0.00	0	0
Total For IV115U									0.00	0	0
IV118U On 30/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IV118U SPOT									0.00	0	0
Total For IV118U									0.00	0	0
IV123U On 18/01/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IV123U SPOT									0.00	0	0
Total For IV123U									0.00	0	0
IV125U On 07/11/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IV125U SPOT									0.00	0	0
Total For IV125U									0.00	0	0
IV19A On 31/03/2028 Spot Bond			5.01000	157.67929	5.01000	157.61558			0.00	0	0
Total IV19A SPOT									0.00	0	0
Total For IV19A									0.00	0	0
IVA698 On 09/11/2019 Spot Bond			7.35000	7.35000	7.35000	7.35000			0.00	0	0
Total IVA698 SPOT									0.00	0	0
Total For IVA698									0.00	0	0
IVA861 On 01/11/2018 Spot Bond			7.30000	7.30000	7.30000	99.80040			0.00	0	0
Total IVA861 SPOT									0.00	0	0
Total For IVA861									0.00	0	0
IVA863 On 15/11/2018 Spot Bond			7.30000	7.30000	7.30000	99.52229			0.00	0	0
Total IVA863 SPOT									0.00	0	0
Total For IVA863									0.00	0	0
IVA865 On 29/11/2018 Spot Bond			7.40000	7.40000	7.40000	99.23548			0.00	0	0
Total IVA865 SPOT									0.00	0	0
Total For IVA865									0.00	0	0
IVA866 On 06/12/2018 Spot Bond			7.40000	7.40000	7.40000	99.09592			0.00	0	0
Total IVA866 SPOT									0.00	0	0
Total For IVA866									0.00	0	0
IVA867 On 13/12/2018 Spot Bond			7.40000	7.40000	7.40000	98.95675			0.00	0	0
Total IVA867 SPOT									0.00	0	0
Total For IVA867									0.00	0	0
IVA871 On 10/01/2019 Spot Bond			7.60000	7.60000	7.60000	98.36154			0.00	0	0
Total IVA871 SPOT									0.00	0	0
Total For IVA871									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IVA873 On 24/01/2019 Spot Bond			7.60000	7.60000	7.60000	98.08031			0.00	0	0
Total IVA873 SPOT									0.00	0	0
Total For IVA873									0.00	0	0
IVA874 On 28/01/2019 Spot Bond			7.60000	7.60000	7.60000	98.00026		53,200,000,000,000.00	7,000,000,000	7,000,000,000	
Total IVA874 SPOT								53,200,000,000,000.00	7,000,000,000	7,000,000,000	
Total For IVA874								53,200,000,000,000.00	7,000,000,000	7,000,000,000	
IVC005 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total IVC005/JIBAR SPOT									0.00	0	0
Total For IVC005/JIBAR									0.00	0	0
IVC027 On 03/04/2019 Spot Bond					0.00000	100.53740			0.00	0	0
Total IVC027 SPOT									0.00	0	0
Total For IVC027									0.00	0	0
IVC033 On 30/06/2019 Spot Bond					0.00000	100.57250			0.00	0	0
Total IVC033 SPOT									0.00	0	0
Total For IVC033									0.00	0	0
IVC034 On 30/06/2021 Spot Bond					0.00000	100.58545			0.00	0	0
Total IVC034 SPOT									0.00	0	0
Total For IVC034									0.00	0	0
IVC035 On 30/06/2019 Spot Bond					0.00000	98.99751			0.00	0	0
Total IVC035 SPOT									0.00	0	0
Total For IVC035									0.00	0	0
IVC036 On 16/07/2019 Spot Bond			7.80500	103.57734	7.80500	103.55579			0.00	0	0
Total IVC036 SPOT									0.00	0	0
Total For IVC036									0.00	0	0
IVC037 On 16/07/2019 Spot Bond			100.00000	62.10780	100.00000	61.97109			0.00	0	0
Total IVC037 SPOT									0.00	0	0
Total For IVC037									0.00	0	0
IVC038 On 16/07/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC038 SPOT									0.00	0	0
Total For IVC038									0.00	0	0
IVC040 On 24/07/2021 Spot Bond			9.26000	102.57569	9.26000	102.55045			0.00	0	0
Total IVC040 SPOT									0.00	0	0
Total For IVC040									0.00	0	0
IVC049 On 21/11/2019 Spot Bond					0.00000	101.60093			0.00	0	0
Total IVC049 SPOT									0.00	0	0
Total For IVC049									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IVC055 On 26/03/2020 Spot Bond					0.00000	100.92059				0.00	0	0
Total IVC055 SPOT										0.00	0	0
Total For IVC055										0.00	0	0
IVC063 On 07/08/2020 Spot Bond					0.00000	102.02881				0.00	0	0
Total IVC063 SPOT										0.00	0	0
Total For IVC063										0.00	0	0
IVC070 On 20/01/2019 Spot Bond					0.00000	100.17073				0.00	0	0
Total IVC070 SPOT										0.00	0	0
Total For IVC070										0.00	0	0
IVC075 On 21/04/2019 Spot Bond					0.00000	100.01809				0.00	0	0
Total IVC075 SPOT										0.00	0	0
Total For IVC075										0.00	0	0
IVC081 On 14/07/2019 Spot Bond					0.00000	100.25396				0.00	0	0
Total IVC081 SPOT										0.00	0	0
Total For IVC081										0.00	0	0
IVC092 On 24/11/2019 Spot Bond					0.00000	101.57592				0.00	0	0
Total IVC092 SPOT										0.00	0	0
Total For IVC092										0.00	0	0
IVC093 On 24/11/2018 Spot Bond					0.00000	101.50844				0.00	0	0
Total IVC093 SPOT										0.00	0	0
Total For IVC093										0.00	0	0
IVC094 On 06/12/2021 Spot Bond			10.11000	105.97073	10.11000	105.94218				0.00	0	0
Total IVC094 SPOT										0.00	0	0
Total For IVC094										0.00	0	0
IVC097 On 29/06/2021 Spot Bond					0.00000	100.61790				0.00	0	0
Total IVC097 SPOT										0.00	0	0
Total For IVC097										0.00	0	0
IVC102 On 31/01/2020 Spot Bond					0.00000	99.84822				0.00	0	0
Total IVC102 SPOT										0.00	0	0
Total For IVC102										0.00	0	0
IVC103 On 29/06/2021 Spot Bond					0.00000	100.62760				0.00	0	0
Total IVC103 SPOT										0.00	0	0
Total For IVC103										0.00	0	0
IVC105 On 08/03/2020 Spot Bond					0.00000	101.13642				0.00	0	0
Total IVC105 SPOT										0.00	0	0
Total For IVC105										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IVC106 On 13/03/2020 Spot Bond					0.00000	101.05542				0.00	0	0
Total IVC106 SPOT										0.00	0	0
Total For IVC106										0.00	0	0
IVC107 On 29/06/2021 Spot Bond					0.00000	100.62113				0.00	0	0
Total IVC107 SPOT										0.00	0	0
Total For IVC107										0.00	0	0
IVC108 On 29/07/2019 Spot Bond					0.00000	99.90247				0.00	0	0
Total IVC108 SPOT										0.00	0	0
Total For IVC108										0.00	0	0
IVC109 On 19/05/2021 Spot Bond					0.00000	102.86206				0.00	0	0
Total IVC109 SPOT										0.00	0	0
Total For IVC109										0.00	0	0
IVC110 On 19/05/2021 Spot Bond			9.76000	104.25677	9.76000	104.22977				0.00	0	0
Total IVC110 SPOT										0.00	0	0
Total For IVC110										0.00	0	0
IVC111 On 19/05/2020 Spot Bond					0.00000	101.55435				0.00	0	0
Total IVC111 SPOT										0.00	0	0
Total For IVC111										0.00	0	0
IVC114 On 14/09/2021 Spot Bond					0.00000	101.05815				0.00	0	0
Total IVC114 SPOT										0.00	0	0
Total For IVC114										0.00	0	0
IVC116 On 16/08/2020 Spot Bond					0.00000	101.82678				0.00	0	0
Total IVC116 SPOT										0.00	0	0
Total For IVC116										0.00	0	0
IVC119 On 21/02/2019 Spot Bond					0.00000	101.57433				0.00	0	0
Total IVC119 SPOT										0.00	0	0
Total For IVC119										0.00	0	0
IVC122 On 20/01/2020 Spot Bond					0.00000	100.14787				0.00	0	0
Total IVC122 SPOT										0.00	0	0
Total For IVC122										0.00	0	0
IVC126 On 30/04/2019 Spot Bond					0.00000	99.88521				0.00	0	0
Total IVC126 SPOT										0.00	0	0
Total For IVC126										0.00	0	0
IVC127 On 27/12/2018 Spot Bond					0.00000	100.64381				0.00	0	0
Total IVC127 SPOT										0.00	0	0
Total For IVC127										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
IVC128 On 23/03/2019 Spot Bond					0.00000	100.68242				0.00	0	0
Total IVC128 SPOT										0.00	0	0
Total For IVC128										0.00	0	0
IVC129 On 26/03/2019 Spot Bond					0.00000	100.64859				0.00	0	0
Total IVC129 SPOT										0.00	0	0
Total For IVC129										0.00	0	0
IVC130 On 23/04/2019 Spot Bond					0.00000	100.04407				0.00	0	0
Total IVC130 SPOT										0.00	0	0
Total For IVC130										0.00	0	0
IVC131 On 08/05/2019 Spot Bond					0.00000	102.25428				0.00	0	0
Total IVC131 SPOT										0.00	0	0
Total For IVC131										0.00	0	0
IVC132 On 31/05/2019 Spot Bond					0.00000	101.28077				0.00	0	0
Total IVC132 SPOT										0.00	0	0
Total For IVC132										0.00	0	0
IVC133 On 06/12/2019 Spot Bond			8.02000	8.02000	8.02000	103.07569				0.00	0	0
Total IVC133 SPOT										0.00	0	0
Total For IVC133										0.00	0	0
IVC134 On 25/07/2020 Spot Bond					0.00000	99.91216				0.00	0	0
Total IVC134 SPOT										0.00	0	0
Total For IVC134										0.00	0	0
IVC135 On 31/07/2020 Spot Bond					0.00000	99.86598				0.00	0	0
Total IVC135 SPOT										0.00	0	0
Total For IVC135										0.00	0	0
IVC136 On 22/08/2021 Spot Bond					0.00000	101.99632				0.00	0	0
Total IVC136 SPOT										0.00	0	0
Total For IVC136										0.00	0	0
IVC137 On 29/08/2021 Spot Bond					0.00000	101.47345				0.00	0	0
Total IVC137 SPOT										0.00	0	0
Total For IVC137										0.00	0	0
IVC138 On 17/09/2019 Spot Bond					0.00000	100.64120				0.00	0	0
Total IVC138 SPOT										0.00	0	0
Total For IVC138										0.00	0	0
IVC140 On 18/10/2021 Spot Bond					0.00000	100.16637				0.00	0	0
Total IVC140 SPOT										0.00	0	0
Total For IVC140										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
IVC68U On 07/12/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC68U SPOT									0.00	0	0
Total For IVC68U									0.00	0	0
IVC80U On 27/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC80U SPOT									0.00	0	0
Total For IVC80U									0.00	0	0
IVC84U On 01/08/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC84U SPOT									0.00	0	0
Total For IVC84U									0.00	0	0
IVC85U On 12/08/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC85U SPOT									0.00	0	0
Total For IVC85U									0.00	0	0
IVC91U On 07/11/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC91U SPOT									0.00	0	0
Total For IVC91U									0.00	0	0
IVC95U On 02/12/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC95U SPOT									0.00	0	0
Total For IVC95U									0.00	0	0
IVC96U On 02/12/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC96U SPOT									0.00	0	0
Total For IVC96U									0.00	0	0
IVC99U On 14/12/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVC99U SPOT									0.00	0	0
Total For IVC99U									0.00	0	0
IVF51U On 04/02/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVF51U SPOT									0.00	0	0
Total For IVF51U									0.00	0	0
IVF56U On 12/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVF56U SPOT									0.00	0	0
Total For IVF56U									0.00	0	0
IVS01U On 23/05/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total IVS01U SPOT									0.00	0	0
Total For IVS01U									0.00	0	0
JAS01 On 31/01/2019 Spot Bond					0.00000	99.84179			0.00	0	0
Total JAS01 SPOT									0.00	0	0
Total For JAS01									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
JIBAR On 15/03/2060 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total JIBAR SPOT									0.00	0	0
Total For JIBAR									0.00	0	0
JPM002 On 05/07/2023 Spot Bond					0.00000	100.19346			0.00	0	0
Total JPM002 SPOT									0.00	0	0
Total For JPM002									0.00	0	0
KAP002 On 13/06/2019 Spot Bond					0.00000	101.06000			0.00	0	0
Total KAP002 SPOT									0.00	0	0
Total For KAP002									0.00	0	0
KAP003 On 06/06/2019 Spot Bond					0.00000	101.22785			0.00	0	0
Total KAP003 SPOT									0.00	0	0
Total For KAP003									0.00	0	0
KAP006 On 29/06/2021 Spot Bond					0.00000	100.61466			0.00	0	0
Total KAP006 SPOT									0.00	0	0
Total For KAP006									0.00	0	0
KAP007 On 26/10/2021 Spot Bond			9.31000	102.35567	9.31000	102.33023			0.00	0	0
Total KAP007 SPOT									0.00	0	0
Total For KAP007									0.00	0	0
KAP008 On 28/11/2019 Spot Bond					0.00000	101.90861			0.00	0	0
Total KAP008 SPOT									0.00	0	0
Total For KAP008									0.00	0	0
KAP009 On 24/05/2020 Spot Bond					0.00000	101.53385			0.00	0	0
Total KAP009 SPOT									0.00	0	0
Total For KAP009									0.00	0	0
KAP010 On 15/09/2020 Spot Bond					0.00000	101.45302			0.00	0	0
Total KAP010 SPOT									0.00	0	0
Total For KAP010									0.00	0	0
KAP012 On 01/12/2022 Spot Bond					0.00000	101.29659			0.00	0	0
Total KAP012 SPOT									0.00	0	0
Total For KAP012									0.00	0	0
KAP04U On 01/07/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total KAP04U SPOT									0.00	0	0
Total For KAP04U									0.00	0	0
KAP11 On 24/10/2022 Spot Bond					0.00000	100.35182			0.00	0	0
Total KAP11 SPOT									0.00	0	0
Total For KAP11									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
KSB009 On 05/08/2020 Spot Bond					0.00000	103.74609			0.00	0	0
Total KSB009 SPOT									0.00	0	0
Total For KSB009									0.00	0	0
KST01 On 12/07/2020 Spot Bond					0.00000	100.32901			0.00	0	0
Total KST01 SPOT									0.00	0	0
Total For KST01									0.00	0	0
KW01 On 31/10/2027 Spot Bond			10.48500	117.13015	10.48500	117.09762			0.00	0	0
Total KW01 SPOT									0.00	0	0
Total For KW01									0.00	0	0
LBK05 On 28/02/2019 Spot Bond					0.00000	101.56588			0.00	0	0
Total LBK05 SPOT									0.00	0	0
Total For LBK05									0.00	0	0
LBK08 On 30/10/2019 Spot Bond					0.00000	99.93440			0.00	0	0
Total LBK08 SPOT									0.00	0	0
Total For LBK08									0.00	0	0
LBK08/J On 30/10/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total LBK08/JIBAR SPOT									0.00	0	0
Total For LBK08/JIBAR									0.00	0	0
LBK11 On 28/11/2019 Spot Bond			8.99500	104.56693	8.99500	104.54193			0.00	0	0
Total LBK11 SPOT									0.00	0	0
Total For LBK11									0.00	0	0
LBK11/R On 28/11/2019 Spot Bond			9.62000	103.93062	9.62000	103.90409			0.00	0	0
Total LBK11/R207 SPOT									0.00	0	0
Total For LBK11/R207									0.00	0	0
LBK12L On 25/02/2020 Spot Bond			9.71000	101.61028	9.71000	101.58411			0.00	0	0
Total LBK12U SPOT									0.00	0	0
Total For LBK12U									0.00	0	0
LBK15 On 12/10/2021 Spot Bond					0.00000	104.48857			0.00	0	0
Total LBK15 SPOT									0.00	0	0
Total For LBK15									0.00	0	0
LBK16 On 30/11/2019 Spot Bond					0.00000	101.39462			0.00	0	0
Total LBK16 SPOT									0.00	0	0
Total For LBK16									0.00	0	0
LBK17 On 22/03/2020 Spot Bond					0.00000	101.66141			0.00	0	0
Total LBK17 SPOT									0.00	0	0
Total For LBK17									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
LBK18 On 22/03/2022 Spot Bond					0.00000	104.49879				0.00	0	0
Total LBK18 SPOT										0.00	0	0
Total For LBK18										0.00	0	0
LBK20 On 08/06/2022 Spot Bond			10.29500	103.59753	10.29500	103.56911				0.00	0	2,500,000,000
Total LBK20 SPOT										0.00	0	2,500,000,000
Total For LBK20										0.00	0	2,500,000,000
LBK22 On 04/09/2020 Spot Bond					0.00000	101.37965				0.00	0	0
Total LBK22 SPOT										0.00	0	0
Total For LBK22										0.00	0	0
LBK23 On 05/09/2022 Spot Bond					0.00000	101.28088				0.00	0	0
Total LBK23 SPOT										0.00	0	0
Total For LBK23										0.00	0	0
LBK24 On 10/10/2024 Spot Bond			10.44500	99.76713	10.44500	99.73923				0.00	0	4,000,000,000
Total LBK24 SPOT										0.00	0	4,000,000,000
Total For LBK24										0.00	0	4,000,000,000
LBK25 On 25/03/2019 Spot Bond					0.00000	100.67244				0.00	0	0
Total LBK25 SPOT										0.00	0	0
Total For LBK25										0.00	0	0
LBK26 On 23/03/2021 Spot Bond					0.00000	100.89956				0.00	0	0
Total LBK26 SPOT										0.00	0	0
Total For LBK26										0.00	0	0
LBK27 On 23/03/2023 Spot Bond					0.00000	100.75954				0.00	0	0
Total LBK27 SPOT										0.00	0	0
Total For LBK27										0.00	0	0
LBK28 On 15/05/2028 Spot Bond			11.35000	100.18656	11.35000	100.15651				0.00	0	1,000,000,000
Total LBK28 SPOT										0.00	0	1,000,000,000
Total For LBK28										0.00	0	1,000,000,000
LBK29 On 07/06/2023 Spot Bond			10.19500	101.98858	10.19500	101.96087				0.00	0	0
Total LBK29 SPOT										0.00	0	0
Total For LBK29										0.00	0	0
LBK30 On 20/09/2021 Spot Bond					0.00000	100.81980				0.00	0	0
Total LBK30 SPOT										0.00	0	0
Total For LBK30										0.00	0	0
LBK31 On 20/09/2023 Spot Bond					0.00000	100.87653				0.00	0	50,000,000
Total LBK31 SPOT										0.00	0	50,000,000
Total For LBK31										0.00	0	50,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
LGL04 On 14/08/2020 Spot Bond			8.14500	103.47388	8.14500	103.45144			0.00	0	589,987,100
Total LGL04 SPOT									0.00	0	589,987,100
Total For LGL04									0.00	0	589,987,100
LGL05 On 12/12/2021 Spot Bond					0.00000	102.21003			0.00	0	0
Total LGL05 SPOT									0.00	0	0
Total For LGL05									0.00	0	0
LGL06 On 04/10/2022 Spot Bond			10.29500	100.30154	10.29500	100.27389			0.00	0	2,500,000,000
Total LGL06 SPOT									0.00	0	2,500,000,000
Total For LGL06									0.00	0	2,500,000,000
LGL07 On 04/10/2022 Spot Bond					0.00000	101.45192			0.00	0	0
Total LGL07 SPOT									0.00	0	0
Total For LGL07									0.00	0	0
LGL08 On 28/02/2023 Spot Bond					0.00000	103.59580			0.00	0	0
Total LGL08 SPOT									0.00	0	0
Total For LGL08									0.00	0	0
LGL09 On 28/08/2024 Spot Bond					0.00000	104.52771			0.00	10,000,000	10,000,000
Total LGL09 SPOT									0.00	10,000,000	10,000,000
Total For LGL09									0.00	10,000,000	10,000,000
LGL10 On 08/10/2025 Spot Bond					0.00000	100.42052			0.00	0	0
Total LGL10 SPOT									0.00	0	0
Total For LGL10									0.00	0	0
LHC05L On 27/11/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total LHC05U SPOT									0.00	0	0
Total For LHC05U									0.00	0	0
LHC06L On 21/02/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total LHC06U SPOT									0.00	0	0
Total For LHC06U									0.00	0	0
LHL17 On 14/11/2018 Spot Bond					0.00000	102.61596			0.00	0	0
Total LHL17 SPOT									0.00	0	0
Total For LHL17									0.00	0	0
LHL18 On 14/11/2018 Spot Bond			9.03500	106.16071	9.03500	106.13456			0.00	0	0
Total LHL18 SPOT									0.00	0	0
Total For LHL18									0.00	0	0
LHL19 On 14/11/2019 Spot Bond			12.99500	107.63604	12.99500	107.59923			0.00	0	0
Total LHL19 SPOT									0.00	0	0
Total For LHL19									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
LHL26 On 13/11/2020 Spot Bond					0.00000	102.60830				0.00	0	0
Total LHL26 SPOT										0.00	0	0
Total For LHL26										0.00	0	0
LHL27 On 13/02/2021 Spot Bond					0.00000	102.30964				0.00	0	0
Total LHL27 SPOT										0.00	0	0
Total For LHL27										0.00	0	0
LHL28 On 13/02/2022 Spot Bond					0.00000	102.58782				0.00	0	0
Total LHL28 SPOT										0.00	0	0
Total For LHL28										0.00	0	0
LOM01 On 25/11/2019 Spot Bond					0.00000	103.68681				0.00	0	0
Total LOM01 SPOT										0.00	0	0
Total For LOM01										0.00	0	0
LRFA2 On 20/11/2019 Spot Bond					0.00000	101.58370				0.00	0	0
Total LRFA2 SPOT										0.00	0	0
Total For LRFA2										0.00	0	0
LRFB2 On 20/11/2019 Spot Bond					0.00000	102.31339				0.00	0	0
Total LRFB2 SPOT										0.00	0	0
Total For LRFB2										0.00	0	0
LRFC2 On 20/11/2019 Spot Bond					0.00000	101.78889				0.00	0	0
Total LRFC2 SPOT										0.00	0	0
Total For LRFC2										0.00	0	0
MAQ11 On 09/11/2018 Spot Bond					0.00000	101.66245				0.00	0	0
Total MAQ111 SPOT										0.00	0	0
Total For MAQ111										0.00	0	0
MAQ11 On 10/12/2018 Spot Bond					0.00000	100.99360				0.00	0	0
Total MAQ114 SPOT										0.00	0	0
Total For MAQ114										0.00	0	0
MAQ11 On 31/01/2019 Spot Bond					0.00000	99.87967				0.00	0	0
Total MAQ117 SPOT										0.00	0	0
Total For MAQ117										0.00	0	0
MAQ12 On 08/11/2018 Spot Bond					0.00000	99.72258				0.00	0	0
Total MAQ125 SPOT										0.00	0	0
Total For MAQ125										0.00	0	0
MAQ12 On 10/12/2018 Spot Bond					0.00000	99.08052				0.00	0	0
Total MAQ127 SPOT										0.00	0	0
Total For MAQ127										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
MBF04 On 07/06/2019 Spot Bond					0.00000	101.53367				0.00	0	0
Total MBF047 SPOT										0.00	0	0
Total For MBF047										0.00	0	0
MBF04 On 14/03/2019 Spot Bond					0.00000	101.32412				0.00	0	0
Total MBF049 SPOT										0.00	0	0
Total For MBF049										0.00	0	0
MBF05 On 17/05/2019 Spot Bond					0.00000	102.04341				0.00	0	0
Total MBF051 SPOT										0.00	0	0
Total For MBF051										0.00	0	0
MBF05 On 16/05/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MBF051/JIBAR SPOT										0.00	0	0
Total For MBF051/JIBAR										0.00	0	0
MBF05 On 28/09/2019 Spot Bond					0.00000	100.91393				0.00	0	0
Total MBF053 SPOT										0.00	0	0
Total For MBF053										0.00	0	0
MBF05 On 27/03/2020 Spot Bond					0.00000	101.02200				0.00	0	0
Total MBF055 SPOT										0.00	0	0
Total For MBF055										0.00	0	0
MBF05 On 28/08/2020 Spot Bond					0.00000	101.68742				0.00	0	0
Total MBF057 SPOT										0.00	0	0
Total For MBF057										0.00	0	0
MBF05 On 21/05/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MBF058 SPOT										0.00	0	0
Total For MBF058										0.00	0	0
MBF05 On 21/05/2021 Spot Bond					0.00000	101.45584				0.00	0	0
Total MBF059 SPOT										0.00	0	0
Total For MBF059										0.00	0	0
MBF06 On 17/08/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MBF060 SPOT										0.00	0	0
Total For MBF060										0.00	0	0
MBF06 On 17/08/2021 Spot Bond					0.00000	101.54132				0.00	0	0
Total MBF061 SPOT										0.00	0	0
Total For MBF061										0.00	0	0
MBP03 On 12/09/2019 Spot Bond					0.00000	101.01613				0.00	0	0
Total MBP035 SPOT										0.00	0	0
Total For MBP035										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
MBP03 On 11/04/2020 Spot Bond					0.00000	100.31977				0.00	0	0
Total MBP036 SPOT										0.00	0	0
Total For MBP036										0.00	0	0
MBP03 On 26/05/2020 Spot Bond					0.00000	101.34034				0.00	0	0
Total MBP037 SPOT										0.00	0	0
Total For MBP037										0.00	0	0
MBP03 On 02/11/2022 Spot Bond					0.00000	99.82996				0.00	0	0
Total MBP038 SPOT										0.00	0	0
Total For MBP038										0.00	0	0
MBP03 On 23/02/2021 Spot Bond					0.00000	101.42315				0.00	0	0
Total MBP039 SPOT										0.00	0	0
Total For MBP039										0.00	0	0
MBP04 On 23/02/2023 Spot Bond					0.00000	101.44886				0.00	0	0
Total MBP040 SPOT										0.00	0	0
Total For MBP040										0.00	0	0
MBP04 On 13/04/2021 Spot Bond					0.00000	100.22857				0.00	0	0
Total MBP041 SPOT										0.00	0	0
Total For MBP041										0.00	0	0
MBP04 On 26/04/2021 Spot Bond					0.00000	99.97948				0.00	0	0
Total MBP042 SPOT										0.00	0	0
Total For MBP042										0.00	0	0
MBP04 On 27/07/2023 Spot Bond					0.00000	99.91716				0.00	0	0
Total MBP043 SPOT										0.00	0	0
Total For MBP043										0.00	0	0
MBP04 On 27/09/2021 Spot Bond					0.00000	100.62468				0.00	0	0
Total MBP044 SPOT										0.00	0	0
Total For MBP044										0.00	0	0
MBP04 On 27/09/2023 Spot Bond					0.00000	100.63224				0.00	0	0
Total MBP045 SPOT										0.00	0	0
Total For MBP045										0.00	0	0
MBSA0 On 16/04/2019 Spot Bond			7.43500	100.97956	7.43500	100.95969				0.00	0	0
Total MBSA01 SPOT										0.00	0	0
Total For MBSA01										0.00	0	0
MBSA0 On 16/04/2019 Spot Bond			8.00000	100.72047	8.00000	100.69921				0.00	0	0
Total MBSA01/R204 SPOT										0.00	0	0
Total For MBSA01/R204										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
MBSA0 On 15/04/2019 Spot Bond			7.36500	100.96863	7.36500	100.94893			0.00	0	0
Total MBSA02 SPOT									0.00	0	0
Total For MBSA02									0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	100.26708	8.91000	100.24358			0.00	0	0
Total MBSA02/R204 SPOT									0.00	0	0
Total For MBSA02/R204									0.00	0	0
MEFSA On 05/01/2019 Spot Bond					0.00000	102.59734			0.00	0	0
Total MEFSA4 SPOT									0.00	0	0
Total For MEFSA4									0.00	0	0
MEFSA On 05/07/2026 Spot Bond					0.00000	102.70099			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MEFSB On 05/01/2019 Spot Bond			7.45500	103.17382	7.45500	103.15305			0.00	0	0
Total MEFSB4 SPOT									0.00	0	0
Total For MEFSB4									0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.51500	104.38212	9.51500	104.35575			0.00	0	0
Total MEFSB5 SPOT									0.00	0	0
Total For MEFSB5									0.00	0	0
MFS1A On 20/12/2018 Spot Bond					0.00000	100.80846			0.00	0	0
Total MFS1A2 SPOT									0.00	0	0
Total For MFS1A2									0.00	0	0
MFS1B On 20/09/2019 Spot Bond			8.79500	8.79500	8.79500	102.23001			0.00	0	0
Total MFS1B SPOT									0.00	0	0
Total For MFS1B									0.00	0	0
MIIL03 On 28/08/2023 Spot Bond					0.00000	101.83534			0.00	0	0
Total MIIL03 SPOT									0.00	0	0
Total For MIIL03									0.00	0	0
MMF10 On 15/12/2024 Spot Bond					0.00000	102.34762			0.00	0	0
Total MMF101 SPOT									0.00	0	0
Total For MMF101									0.00	0	0
MMF20 On 15/12/2024 Spot Bond					0.00000	104.06337			0.00	0	0
Total MMF201 SPOT									0.00	0	0
Total For MMF201									0.00	0	0
MMF30 On 15/12/2024 Spot Bond					0.00000	101.19136			0.00	0	0
Total MMF301 SPOT									0.00	0	0
Total For MMF301									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
MMF40 On 15/12/2024 Spot Bond					0.00000	101.31403			0.00	0	0
Total MMF401 SPOT									0.00	0	0
Total For MMF401									0.00	0	0
MMIG0 On 17/03/2019 Spot Bond					0.00000	100.88485			0.00	0	0
Total MMIG01 SPOT									0.00	0	0
Total For MMIG01									0.00	0	0
MMIG0 On 17/03/2021 Spot Bond			9.34000	9.34000	9.34000	102.56195			0.00	0	400,000,000
Total MMIG02 SPOT									0.00	0	400,000,000
Total For MMIG02									0.00	0	400,000,000
MMIG0 On 01/06/2020 Spot Bond					0.00000	101.41251			0.00	0	0
Total MMIG03 SPOT									0.00	0	0
Total For MMIG03									0.00	0	0
MMIG0 On 12/08/2025 Spot Bond			11.94500	11.94500	11.94500	99.28680			0.00	0	0
Total MMIG04 SPOT									0.00	0	0
Total For MMIG04									0.00	0	0
MMIG0 On 12/08/2022 Spot Bond			10.49500	10.49500	10.49500	103.27029		9,865,300,000,000.00	940,000,000	1,635,000,000	
Total MMIG05 SPOT								9,865,300,000,000.00	940,000,000	1,635,000,000	
Total For MMIG05								9,865,300,000,000.00	940,000,000	1,635,000,000	
MMIG0 On 19/10/2028 Spot Bond					0.00000	100.93248			0.00	0	100,000,000
Total MMIG06 SPOT									0.00	0	100,000,000
Total For MMIG06									0.00	0	100,000,000
MQB00 On 28/08/2023 Spot Bond					0.00000	101.84726			0.00	0	0
Total MQB003 SPOT									0.00	0	0
Total For MQB003									0.00	0	0
MTN06 On 13/07/2020 Spot Bond					0.00000	101.16432			0.00	0	0
Total MTN06 SPOT									0.00	0	0
Total For MTN06									0.00	0	0
MTN07 On 13/07/2022 Spot Bond					0.00000	100.71750			0.00	0	0
Total MTN07 SPOT									0.00	0	0
Total For MTN07									0.00	0	0
MTN08 On 11/10/2020 Spot Bond					0.00000	101.07449			0.00	0	0
Total MTN08 SPOT									0.00	0	0
Total For MTN08									0.00	0	0
MTN08 On 20/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total MTN08U SPOT									0.00	0	0
Total For MTN08U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
MTN09 On 11/10/2022 Spot Bond					0.00000	100.83925				0.00	0	0
Total MTN09 SPOT										0.00	0	0
Total For MTN09										0.00	0	0
MTN09 On 20/04/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MTN09U SPOT										0.00	0	0
Total For MTN09U										0.00	0	0
MTN10 On 11/10/2024 Spot Bond					0.00000	101.70160				0.00	0	0
Total MTN10 SPOT										0.00	0	0
Total For MTN10										0.00	0	0
MTN11 On 04/06/2021 Spot Bond					0.00000	101.40898				0.00	0	0
Total MTN11 SPOT										0.00	0	0
Total For MTN11										0.00	0	0
MTN12 On 04/06/2023 Spot Bond					0.00000	101.47678				0.00	0	0
Total MTN12 SPOT										0.00	0	0
Total For MTN12										0.00	0	0
MTN13 On 04/06/2025 Spot Bond					0.00000	101.27443				0.00	0	0
Total MTN13 SPOT										0.00	0	0
Total For MTN13										0.00	0	0
MWA1L On 18/07/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MWA1U SPOT										0.00	0	0
Total For MWA1U										0.00	0	0
MWA2L On 18/07/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MWA2U SPOT										0.00	0	0
Total For MWA2U										0.00	0	0
MWA3L On 18/07/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total MWA3U SPOT										0.00	0	0
Total For MWA3U										0.00	0	0
MWAR(On 22/11/2019 Spot Bond					0.00000	101.86294				0.00	0	0
Total MWAR01 SPOT										0.00	0	0
Total For MWAR01										0.00	0	0
MWAR(On 22/02/2021 Spot Bond					0.00000	101.59324				0.00	0	0
Total MWAR02 SPOT										0.00	0	0
Total For MWAR02										0.00	0	0
N4A211On 14/08/2020 Spot Bond			100.89771	100.89771	100.89771	100.89771				0.00	0	0
Total N4A211 SPOT										0.00	0	0
Total For N4A211										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
N6A19 On 20/12/2018 Spot Bond					0.00000	100.77247				0.00	0	0
Total N6A19 SPOT										0.00	0	0
Total For N6A19										0.00	0	0
N6B26 On 20/03/2020 Spot Bond					0.00000	101.07067				0.00	0	0
Total N6B26 SPOT										0.00	0	0
Total For N6B26										0.00	0	0
N6C26 On 21/09/2020 Spot Bond					0.00000	100.83100				0.00	0	0
Total N6C26 SPOT										0.00	0	0
Total For N6C26										0.00	0	0
N6D26 On 21/12/2020 Spot Bond					0.00000	100.84047				0.00	0	0
Total N6D26 SPOT										0.00	0	0
Total For N6D26										0.00	0	0
N6E26 On 22/03/2021 Spot Bond					0.00000	100.88858				0.00	0	0
Total N6E26 SPOT										0.00	0	0
Total For N6E26										0.00	0	0
N6F26 On 22/03/2021 Spot Bond					0.00000	101.04883				0.00	0	0
Total N6F26 SPOT										0.00	0	0
Total For N6F26										0.00	0	0
N6G26 On 22/03/2021 Spot Bond					0.00000	101.25559				0.00	0	0
Total N6G26 SPOT										0.00	0	0
Total For N6G26										0.00	0	0
NAM01 On 19/11/2022 Spot Bond			10.04500	97.74008	10.04500	97.71405				0.00	0	0
Total NAM01 SPOT										0.00	0	0
Total For NAM01										0.00	0	0
NAM02 On 29/06/2020 Spot Bond			9.09000	103.86390	9.09000	103.83869				0.00	0	61,938,900
Total NAM02 SPOT										0.00	0	61,938,900
Total For NAM02										0.00	0	61,938,900
NAM03 On 01/08/2023 Spot Bond			10.09500	102.19028	10.09500	102.16294				0.00	0	0
Total NAM03 SPOT										0.00	0	0
Total For NAM03										0.00	0	0
NAM04 On 01/08/2026 Spot Bond			10.94500	100.18414	10.94500	100.15513				0.00	0	0
Total NAM04 SPOT										0.00	0	0
Total For NAM04										0.00	0	0
NBK11A On 28/11/2020 Spot Bond			7.92500	105.52942	7.92500	105.50713				0.00	0	0
Total NBK11A SPOT										0.00	0	0
Total For NBK11A										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
NBK12/ On 19/03/2021 Spot Bond			8.48500	102.84855	8.48500	102.82494			424,250,000,000.00	50,000,000	50,000,000
Total NBK12A SPOT									424,250,000,000.00	50,000,000	50,000,000
Total For NBK12A									424,250,000,000.00	50,000,000	50,000,000
NBK12/ On 19/03/2021 Spot Bond			9.38000	100.94133	9.38000	100.91577			0.00	0	0
Total NBK12A/R208 SPOT									0.00	0	0
Total For NBK12A/R208									0.00	0	0
NBK13/ On 19/03/2024 Spot Bond			9.89500	100.29804	9.89500	100.27129			0.00	0	0
Total NBK13A SPOT									0.00	0	0
Total For NBK13A									0.00	0	0
NBK14/ On 25/06/2021 Spot Bond			8.81000	104.21796	8.81000	104.19341			0.00	0	0
Total NBK14A SPOT									0.00	0	0
Total For NBK14A									0.00	0	0
NBK15/ On 11/02/2022 Spot Bond			9.44000	99.98688	9.44000	99.96181			0.00	0	0
Total NBK15A SPOT									0.00	0	0
Total For NBK15A									0.00	0	0
NBK16/ On 12/02/2025 Spot Bond			10.08000	98.96505	10.08000	98.93860			2,419,200,000,000.00	240,000,000	170,000,000
Total NBK16A SPOT									2,419,200,000,000.00	240,000,000	170,000,000
Total For NBK16A									2,419,200,000,000.00	240,000,000	170,000,000
NBK17/ On 22/04/2026 Spot Bond			10.25500	98.53889	10.25500	98.51182			0.00	0	1,220,000,000
Total NBK17A SPOT									0.00	0	1,220,000,000
Total For NBK17A									0.00	0	1,220,000,000
NBK18/ On 01/06/2020 Spot Bond			7.84000	105.79999	7.84000	105.77776			0.00	0	0
Total NBK18A SPOT									0.00	0	0
Total For NBK18A									0.00	0	0
NBK19/ On 01/06/2022 Spot Bond			9.59000	104.00307	9.59000	103.97645			0.00	0	140,000,000
Total NBK19A SPOT									0.00	0	140,000,000
Total For NBK19A									0.00	0	140,000,000
NBK20/ On 01/06/2026 Spot Bond			10.28500	104.52924	10.28500	104.50061			1,337,050,000,000.00	130,000,000	70,000,000
Total NBK20A SPOT									1,337,050,000,000.00	130,000,000	70,000,000
Total For NBK20A									1,337,050,000,000.00	130,000,000	70,000,000
NBK20I On 25/06/2021 Spot Bond					0.00000	100.92450			0.00	0	12,780,000,000
Total NBK20B SPOT									0.00	0	12,780,000,000
Total For NBK20B									0.00	0	12,780,000,000
NBK21/ On 21/07/2027 Spot Bond			10.70500	102.34848	10.70500	102.31949			1,284,600,000,000.00	120,000,000	60,000,000
Total NBK21A SPOT									1,284,600,000,000.00	120,000,000	60,000,000
Total For NBK21A									1,284,600,000,000.00	120,000,000	60,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NBK22/ On 19/11/2022 Spot Bond			10.23500	103.82622	10.23500	103.79806				0.00	0	0
Total NBK22A SPOT										0.00	0	0
Total For NBK22A										0.00	0	0
NBK23/ On 19/11/2025 Spot Bond			10.21500	106.95558	10.21500	106.92662				0.00	0	0
Total NBK23A SPOT										0.00	0	0
Total For NBK23A										0.00	0	0
NBK23I On 12/02/2020 Spot Bond					0.00000	101.76462				0.00	0	0
Total NBK23B SPOT										0.00	0	0
Total For NBK23B										0.00	0	0
NBK24/ On 19/11/2027 Spot Bond			10.29500	108.45305	10.29500	108.42348				0.00	0	1,000,000,000
Total NBK24A SPOT										0.00	0	1,000,000,000
Total For NBK24A										0.00	0	1,000,000,000
NBK24I On 11/02/2022 Spot Bond					0.00000	101.72360				0.00	0	0
Total NBK24B SPOT										0.00	0	0
Total For NBK24B										0.00	0	0
NBK25/ On 17/02/2023 Spot Bond			9.79500	9.79500	9.79500	104.95326				0.00	0	0
Total NBK25A SPOT										0.00	0	0
Total For NBK25A										0.00	0	0
NBK25I On 12/02/2025 Spot Bond					0.00000	103.14865				0.00	0	0
Total NBK25B SPOT										0.00	0	0
Total For NBK25B										0.00	0	0
NBK26/ On 10/05/2023 Spot Bond			100.00000	17.74701	100.00000	17.70794				0.00	0	0
Total NBK26A SPOT										0.00	0	0
Total For NBK26A										0.00	0	0
NBK26I On 22/04/2026 Spot Bond					0.00000	102.12776				0.00	0	0
Total NBK26B SPOT										0.00	0	0
Total For NBK26B										0.00	0	0
NBK27/ On 10/05/2026 Spot Bond			10.49500	108.46500	10.49500	108.43485				0.00	0	0
Total NBK27A SPOT										0.00	0	0
Total For NBK27A										0.00	0	0
NBK28/ On 02/08/2023 Spot Bond			10.14500	101.78071	10.14500	101.75334				0.00	0	0
Total NBK28A SPOT										0.00	0	0
Total For NBK28A										0.00	0	0
NBK28I On 19/11/2020 Spot Bond					0.00000	102.40997				0.00	0	0
Total NBK28B SPOT										0.00	0	0
Total For NBK28B										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
NBK29/ On 31/07/2026 Spot Bond			10.44500	102.73674	10.44500	102.70832			0.00	0	0
Total NBK29A SPOT									0.00	0	0
Total For NBK29A									0.00	0	0
NBK29I On 18/02/2019 Spot Bond					0.00000	101.79461			0.00	0	0
Total NBK29B SPOT									0.00	0	0
Total For NBK29B									0.00	0	0
NBK30/ On 20/02/2024 Spot Bond			9.91000	100.46311	9.91000	100.43671			0.00	0	0
Total NBK30A SPOT									0.00	0	0
Total For NBK30A									0.00	0	0
NBK30I On 18/02/2021 Spot Bond					0.00000	102.85812			0.00	0	0
Total NBK30B SPOT									0.00	0	0
Total For NBK30B									0.00	0	0
NBK31I On 17/02/2023 Spot Bond					0.00000	101.69348			0.00	0	0
Total NBK31B SPOT									0.00	0	0
Total For NBK31B									0.00	0	0
NBK32I On 26/02/2019 Spot Bond					0.00000	101.38037			0.00	0	0
Total NBK32B SPOT									0.00	0	0
Total For NBK32B									0.00	0	0
NBK33I On 10/05/2019 Spot Bond					0.00000	102.08095			0.00	0	0
Total NBK33B SPOT									0.00	0	0
Total For NBK33B									0.00	0	0
NBK34I On 10/05/2021 Spot Bond					0.00000	103.59514			0.00	0	0
Total NBK34B SPOT									0.00	0	0
Total For NBK34B									0.00	0	0
NBK35I On 10/05/2023 Spot Bond					0.00000	103.86817			0.00	0	200,000,000
Total NBK35B SPOT									0.00	0	200,000,000
Total For NBK35B									0.00	0	200,000,000
NBK36I On 10/05/2026 Spot Bond					0.00000	104.79413			0.00	0	0
Total NBK36B SPOT									0.00	0	0
Total For NBK36B									0.00	0	0
NBK37I On 02/08/2019 Spot Bond					0.00000	102.08137			0.00	0	0
Total NBK37B SPOT									0.00	0	0
Total For NBK37B									0.00	0	0
NBK38I On 02/08/2021 Spot Bond					0.00000	103.60244			0.00	0	0
Total NBK38B SPOT									0.00	0	0
Total For NBK38B									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
NBK3A On 09/09/2019 Spot Bond			7.01500	105.09169	7.01500	105.07168				0.00	0	110,000,000
Total NBK3A SPOT										0.00	0	110,000,000
Total For NBK3A										0.00	0	110,000,000
NBK3A On 09/09/2019 Spot Bond			100.00000	56.40941	100.00000	56.28318				0.00	0	0
Total NBK3A/R204 SPOT										0.00	0	0
Total For NBK3A/R204										0.00	0	0
NBK4 On 28/10/2024 Spot Bond			11.72000	11.72000	11.72000	51.38293				0.00	0	0
Total NBK4 SPOT										0.00	0	0
Total For NBK4										0.00	0	0
NBK40I On 31/07/2026 Spot Bond					0.00000	102.16596				0.00	0	0
Total NBK40B SPOT										0.00	0	0
Total For NBK40B										0.00	0	0
NBK41I On 20/02/2020 Spot Bond					0.00000	102.03825				0.00	0	0
Total NBK41B SPOT										0.00	0	0
Total For NBK41B										0.00	0	0
NBK42I On 21/02/2022 Spot Bond					0.00000	102.62629				0.00	0	0
Total NBK42B SPOT										0.00	0	0
Total For NBK42B										0.00	0	0
NBK43I On 20/02/2024 Spot Bond					0.00000	102.00099				0.00	0	0
Total NBK43B SPOT										0.00	0	0
Total For NBK43B										0.00	0	0
NBK44I On 15/02/2021 Spot Bond					0.00000	101.92303				0.00	0	0
Total NBK44B SPOT										0.00	0	0
Total For NBK44B										0.00	0	0
NBK45I On 15/02/2023 Spot Bond					0.00000	102.19067				0.00	0	0
Total NBK45B SPOT										0.00	0	0
Total For NBK45B										0.00	0	0
NBK46I On 15/08/2025 Spot Bond					0.00000	101.69806				0.00	2,000,000,000	1,000,000,000
Total NBK46B SPOT										0.00	2,000,000,000	1,000,000,000
Total For NBK46B										0.00	2,000,000,000	1,000,000,000
NBK47I On 15/02/2028 Spot Bond					0.00000	102.34796				0.00	0	0
Total NBK47B SPOT										0.00	0	0
Total For NBK47B										0.00	0	0
NBK7B On 19/04/2020 Spot Bond					0.00000	101.88398				0.00	0	0
Total NBK7B SPOT										0.00	0	0
Total For NBK7B										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
NCLN8 On 20/03/2024 Spot Bond					0.00000	100.87932			0.00	0	0
Total NCLN82 SPOT									0.00	0	0
Total For NCLN82									0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total NCLN82/JIBAR SPOT									0.00	0	0
Total For NCLN82/JIBAR									0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			10.89000	100.11692	10.89000	100.08759			0.00	0	0
Total NCLN83 SPOT									0.00	0	0
Total For NCLN83									0.00	0	0
NCLN8 On 20/03/2024 Spot Bond					0.00000	100.87460			0.00	0	0
Total NCLN84 SPOT									0.00	0	0
Total For NCLN84									0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			10.92500	99.28114	10.92500	99.25197			0.00	0	0
Total NCLN85 SPOT									0.00	0	0
Total For NCLN85									0.00	0	0
NCLN8 On 20/03/2024 Spot Bond					0.00000	100.87932			0.00	0	0
Total NCLN87 SPOT									0.00	0	0
Total For NCLN87									0.00	0	0
NCLN9 On 20/09/2024 Spot Bond					0.00000	100.88677			0.00	0	0
Total NCLN90 SPOT									0.00	0	0
Total For NCLN90									0.00	0	0
NCLN9 On 20/09/2024 Spot Bond					0.00000	100.89621			0.00	0	0
Total NCLN91 SPOT									0.00	0	0
Total For NCLN91									0.00	0	0
NCLN9 On 20/09/2020 Spot Bond					0.00000	100.82442			0.00	0	0
Total NCLN94 SPOT									0.00	0	0
Total For NCLN94									0.00	0	0
NED01 On 22/12/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total NED01U SPOT									0.00	0	0
Total For NED01U									0.00	0	0
NED02 On 15/03/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total NED02U SPOT									0.00	0	0
Total For NED02U									0.00	0	0
NED03 On 26/05/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total NED03U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NED03U										0.00	0	0
NED04 On 01/07/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total NED04U SPOT										0.00	0	0
Total For NED04U										0.00	0	0
NED05 On 20/03/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total NED05U SPOT										0.00	0	0
Total For NED05U										0.00	0	0
NED06 On 26/07/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total NED06U SPOT										0.00	0	0
Total For NED06U										0.00	0	0
NED07 On 20/10/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total NED07U SPOT										0.00	0	0
Total For NED07U										0.00	0	0
NED14 On 29/11/2018 Spot Bond					0.00000	101.60673				0.00	0	0
Total NED14 SPOT										0.00	0	0
Total For NED14										0.00	0	0
NED15 On 08/04/2019 Spot Bond			7.73500	7.73500	7.73500	101.68929				0.00	0	0
Total NED15 SPOT										0.00	0	0
Total For NED15										0.00	0	0
NED16 On 08/04/2019 Spot Bond					0.00000	100.93423				0.00	0	0
Total NED16 SPOT										0.00	0	0
Total For NED16										0.00	0	0
NED17 On 14/10/2019 Spot Bond					0.00000	100.27213				0.00	0	0
Total NED17 SPOT										0.00	0	0
Total For NED17										0.00	0	0
NED18 On 16/01/2020 Spot Bond					0.00000	100.24358				0.00	0	0
Total NED18 SPOT										0.00	0	0
Total For NED18										0.00	0	0
NED19 On 01/07/2020 Spot Bond					0.00000	103.08693				0.00	0	0
Total NED19 SPOT										0.00	0	0
Total For NED19										0.00	0	0
NED20 On 01/07/2020 Spot Bond			9.34500	106.52357	9.34500	106.49712				0.00	0	3,030,000,000
Total NED20 SPOT										0.00	0	3,030,000,000
Total For NED20										0.00	0	3,030,000,000
NEDT1 On 21/05/2021 Spot Bond					0.00000	106.95935				0.00	0	0
Total NEDT1A SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NEDT1A										0.00	0	0
NEDT1 On 26/11/2021 Spot Bond					0.00000	105.69959				0.00	0	0
Total NEDT1B SPOT										0.00	0	0
Total For NEDT1B										0.00	0	0
NET51 On 16/11/2018 Spot Bond					0.00000	101.55993				0.00	0	0
Total NET51 SPOT										0.00	0	0
Total For NET51										0.00	0	0
NGL01 On 22/09/2021 Spot Bond					0.00000	105.94562				0.00	0	0
Total NGL01 SPOT										0.00	0	0
Total For NGL01										0.00	0	0
NGL02 On 15/03/2022 Spot Bond					0.00000	106.15123				0.00	0	350,000,000
Total NGL02 SPOT										0.00	0	350,000,000
Total For NGL02										0.00	0	350,000,000
NGL03 On 26/05/2022 Spot Bond					0.00000	101.74911				0.00	0	0
Total NGL03 SPOT										0.00	0	0
Total For NGL03										0.00	0	0
NGL04 On 20/03/2023 Spot Bond					0.00000	102.37892				0.00	4,000,000,000	2,000,000,000
Total NGL04 SPOT										0.00	4,000,000,000	2,000,000,000
Total For NGL04										0.00	4,000,000,000	2,000,000,000
NGL05 On 26/07/2023 Spot Bond					0.00000	100.64770				0.00	0	0
Total NGL05 SPOT										0.00	0	0
Total For NGL05										0.00	0	0
NGLT1/ On 01/07/2022 Spot Bond					0.00000	100.83175				0.00	0	0
Total NGLT1A SPOT										0.00	0	0
Total For NGLT1A										0.00	0	0
NGLT1f On 20/10/2023 Spot Bond					0.00000	100.09326				0.00	0	400,000,000
Total NGLT1B SPOT										0.00	0	400,000,000
Total For NGLT1B										0.00	0	400,000,000
NHM00 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total NHM001/JIBAR SPOT										0.00	0	0
Total For NHM001/JIBAR										0.00	0	0
NHM00 On 12/05/2021 Spot Bond			13.50000	106.10771	13.50000	106.07005				0.00	0	0
Total NHM002 SPOT										0.00	0	0
Total For NHM002										0.00	0	0
NHM00 On 09/06/2019 Spot Bond					0.00000	101.32863				0.00	0	0
Total NHM003 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NHM003										0.00	0	0
NHM00 On 20/04/2019 Spot Bond					0.00000	105.66575				0.00	0	0
Total NHM004 SPOT										0.00	0	0
Total For NHM004										0.00	0	0
NHM00 On 18/05/2019 Spot Bond					0.00000	104.82192				0.00	0	0
Total NHM005 SPOT										0.00	0	0
Total For NHM005										0.00	0	0
NI202 On 07/12/2033 Spot Bond			4.35000	4.35000	4.35000	203.61901				0.00	0	0
Total NI202 SPOT										0.00	0	0
Total For NI202										0.00	0	0
NI25 On 31/01/2025 Spot Bond			3.72500	3.72500	3.72500	126.81684				0.00	0	0
Total NI25 SPOT										0.00	0	0
Total For NI25										0.00	0	0
NI29 On 31/03/2029 Spot Bond			4.25000	4.25000	4.25000	89.57368				0.00	0	0
Total NI29 SPOT										0.00	0	0
Total For NI29										0.00	0	0
NI38 On 31/01/2038 Spot Bond			4.46000	4.46000	4.46000	100.65965				0.00	0	4,000,000
Total NI38 SPOT										0.00	0	4,000,000
Total For NI38										0.00	0	4,000,000
NILB11 On 31/01/2025 Spot Bond			3.83000	3.83000	3.83000	126.05227				0.00	0	0
Total NILB11 SPOT										0.00	0	0
Total For NILB11										0.00	0	0
NILB12 On 07/12/2033 Spot Bond			3.45000	3.45000	3.45000	3.45000				0.00	0	0
Total NILB12 SPOT										0.00	0	0
Total For NILB12										0.00	0	0
NILB13 On 31/01/2025 Spot Bond			4.22000	4.22000	4.22000	123.25774				0.00	0	0
Total NILB13 SPOT										0.00	0	0
Total For NILB13										0.00	0	0
NILB14 On 31/03/2028 Spot Bond			4.26000	4.26000	4.26000	167.49868				0.00	0	0
Total NILB14 SPOT										0.00	0	0
Total For NILB14										0.00	0	0
NILB15 On 31/03/2028 Spot Bond			4.57000	163.39402	4.57000	163.32993				0.00	0	0
Total NILB15 SPOT										0.00	0	0
Total For NILB15										0.00	0	0
NILB17 On 31/01/2038 Spot Bond			4.61000	76.92369	4.61000	98.49778				0.00	0	0
Total NILB17 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NILB17										0.00	0	0
NMP20 On 24/07/2020 Spot Bond			7.84500	104.77585	7.84500	104.75393				0.00	0	0
Total NMP20N SPOT										0.00	0	0
Total For NMP20N										0.00	0	0
NN01U On 26/08/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total NN01U SPOT										0.00	0	0
Total For NN01U										0.00	0	0
NN02 On 24/07/2023 Spot Bond					0.00000	92.53133				0.00	0	0
Total NN02 SPOT										0.00	0	0
Total For NN02										0.00	0	0
NQ1A1 On 22/05/2020 Spot Bond			8.47500	8.47500	8.47500	104.67244				0.00	0	0
Total NQ1A10 SPOT										0.00	0	0
Total For NQ1A10										0.00	0	0
NQ1A2 On 22/05/2019 Spot Bond					0.00000	101.49511				0.00	0	0
Total NQ1A21 SPOT										0.00	0	0
Total For NQ1A21										0.00	0	0
NQ1A2 On 22/05/2020 Spot Bond					0.00000	102.10802				0.00	0	0
Total NQ1A24 SPOT										0.00	0	0
Total For NQ1A24										0.00	0	0
NQ1A2 On 22/05/2022 Spot Bond					0.00000	101.56551				0.00	0	0
Total NQ1A25 SPOT										0.00	0	0
Total For NQ1A25										0.00	0	0
NQ1A2 On 22/05/2023 Spot Bond					0.00000	101.56732				0.00	0	0
Total NQ1A27 SPOT										0.00	0	0
Total For NQ1A27										0.00	0	0
NQ1B1 On 22/05/2020 Spot Bond			8.67500	8.67500	8.67500	104.70195				0.00	0	0
Total NQ1B10 SPOT										0.00	0	0
Total For NQ1B10										0.00	0	0
NQ1B1 On 22/05/2052 Spot Bond					0.00000	101.56213				0.00	0	0
Total NQ1B17 SPOT										0.00	0	0
Total For NQ1B17										0.00	0	0
NQ1B2 On 22/05/2023 Spot Bond					0.00000	101.63696				0.00	0	0
Total NQ1B20 SPOT										0.00	0	0
Total For NQ1B20										0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond			8.87500	8.87500	8.87500	104.73148				0.00	0	0
Total NQ1C10 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For NQ1C10									0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond					0.00000	101.63701			0.00	0	0
Total NQ1C17 SPOT									0.00	0	0
Total For NQ1C17									0.00	0	0
NQF1D On 22/05/2020 Spot Bond					0.00000	101.81104			0.00	0	0
Total NQF1D5 SPOT									0.00	0	0
Total For NQF1D5									0.00	0	0
NQF1D On 22/05/2019 Spot Bond					0.00000	101.71641			0.00	0	0
Total NQF1D8 SPOT									0.00	0	0
Total For NQF1D8									0.00	0	0
NRA01: On 30/11/2018 Spot Bond			7.21500	105.39582	7.21500	105.37513			0.00	0	0
Total NRA018 SPOT									0.00	0	0
Total For NRA018									0.00	0	0
NRA02: On 31/10/2022 Spot Bond			9.39000	109.22117	9.39000	109.19394			0.00	0	0
Total NRA022 SPOT									0.00	0	0
Total For NRA022									0.00	0	0
NRA02: On 31/05/2023 Spot Bond			4.11000	181.14937	4.11000	181.08067			0.00	0	0
Total NRA023 SPOT									0.00	0	0
Total For NRA023									0.00	0	0
NRA02: On 30/11/2028 Spot Bond			11.59500	108.76526	11.59500	108.73177		16,233,000,000,000.00	1,400,000,000	6,340,000,000	
Total NRA028 SPOT								16,233,000,000,000.00	1,400,000,000	6,340,000,000	
Total For NRA028								16,233,000,000,000.00	1,400,000,000	6,340,000,000	
NRA02: On 30/11/2028 Spot Bond			100.00000	17.02832	100.00000	16.99064		0.00	0	0	
Total NRA028/R186 SPOT								0.00	0	0	
Total For NRA028/R186								0.00	0	0	
NSN96: On 04/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total NSN96U SPOT								0.00	0	0	
Total For NSN96U								0.00	0	0	
NSN97: On 15/02/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total NSN97U SPOT								0.00	0	0	
Total For NSN97U								0.00	0	0	
NSN98: On 04/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total NSN98U SPOT								0.00	0	0	
Total For NSN98U								0.00	0	0	
NSN99: On 26/08/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total NSN99U SPOT								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NSN99U										0.00	0	0
NTC18 On 27/02/2019 Spot Bond					0.00000	101.50898				0.00	0	0
Total NTC18 SPOT										0.00	0	0
Total For NTC18										0.00	0	0
NTC19 On 27/07/2020 Spot Bond					0.00000	100.75675				0.00	0	0
Total NTC19 SPOT										0.00	0	0
Total For NTC19										0.00	0	0
NTC20 On 27/07/2020 Spot Bond					0.00000	100.55859				0.00	6,000,000,000	3,000,000,000
Total NTC20 SPOT										0.00	6,000,000,000	3,000,000,000
Total For NTC20										0.00	6,000,000,000	3,000,000,000
NTC21 On 24/03/2022 Spot Bond					0.00000	101.31152				0.00	0	0
Total NTC21 SPOT										0.00	0	0
Total For NTC21										0.00	0	0
NTC22 On 15/02/2021 Spot Bond					0.00000	101.67869				0.00	0	0
Total NTC22 SPOT										0.00	0	0
Total For NTC22										0.00	0	0
NTC23 On 15/02/2023 Spot Bond					0.00000	101.71738				0.00	0	0
Total NTC23 SPOT										0.00	0	0
Total For NTC23										0.00	0	0
NTC24 On 29/03/2021 Spot Bond					0.00000	100.56938				0.00	0	0
Total NTC24 SPOT										0.00	0	0
Total For NTC24										0.00	0	0
OMI01 On 22/11/2022 Spot Bond					0.00000	101.60898				0.00	0	0
Total OMI01 SPOT										0.00	0	0
Total For OMI01										0.00	0	0
OML02 On 27/11/2019 Spot Bond					0.00000	102.48102				0.00	0	200,000,000
Total OML02 SPOT										0.00	0	200,000,000
Total For OML02										0.00	0	200,000,000
OML03 On 27/11/2019 Spot Bond			8.99500	104.07166	8.99500	104.04677				0.00	0	0
Total OML03 SPOT										0.00	0	0
Total For OML03										0.00	0	0
OML04 On 19/03/2020 Spot Bond					0.00000	101.97932				0.00	0	0
Total OML04 SPOT										0.00	0	0
Total For OML04										0.00	0	0
OML05 On 19/03/2020 Spot Bond			9.64000	9.64000	9.64000	101.10617				0.00	0	1,500,000,000
Total OML05 SPOT										0.00	0	1,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For OML05									0.00	0	1,500,000,000
OML06 On 19/03/2022 Spot Bond			10.69500	99.98772	10.69500	99.95894			0.00	0	1,500,000,000
Total OML06 SPOT									0.00	0	1,500,000,000
Total For OML06									0.00	0	1,500,000,000
OML07 On 19/03/2025 Spot Bond			11.49500	98.69518	11.49500	98.66471		459,800,000,000.00		40,000,000	1,020,000,000
Total OML07 SPOT								459,800,000,000.00		40,000,000	1,020,000,000
Total For OML07								459,800,000,000.00		40,000,000	1,020,000,000
OML08 On 14/09/2020 Spot Bond					0.00000	101.95246			0.00	0	0
Total OML08 SPOT									0.00	0	0
Total For OML08									0.00	0	0
OML09 On 14/09/2022 Spot Bond			10.84500	101.40977	10.84500	101.38018		7,374,600,000,000.00		680,000,000	1,170,000,000
Total OML09 SPOT								7,374,600,000,000.00		680,000,000	1,170,000,000
Total For OML09								7,374,600,000,000.00		680,000,000	1,170,000,000
OML10 On 14/09/2025 Spot Bond			11.54500	100.37955	11.54500	100.34842			0.00	0	930,000,000
Total OML10 SPOT									0.00	0	930,000,000
Total For OML10									0.00	0	930,000,000
PBAJ1L On 01/09/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBAJ1U SPOT									0.00	0	0
Total For PBAJ1U									0.00	0	0
PBBJ1L On 01/12/2032 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBBJ1U SPOT									0.00	0	0
Total For PBBJ1U									0.00	0	0
PBGJ1L On 01/05/2031 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBGJ1U SPOT									0.00	0	0
Total For PBGJ1U									0.00	0	0
PBJC1L On 01/01/2030 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBJC1U SPOT									0.00	0	0
Total For PBJC1U									0.00	0	0
PBJJ1L On 01/01/2032 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBJJ1U SPOT									0.00	0	0
Total For PBJJ1U									0.00	0	0
PBKJ1L On 01/09/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBKJ1U SPOT									0.00	0	0
Total For PBKJ1U									0.00	0	0
PBKS1L On 01/09/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBKS1U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For PBKS1U									0.00	0	0
PBKX1 On 16/12/2030 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBKX1U SPOT									0.00	0	0
Total For PBKX1U									0.00	0	0
PBLS1 On 01/07/2031 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBLS1U SPOT									0.00	0	0
Total For PBLT1U									0.00	0	0
PBLT1 On 01/07/2031 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBLT1U SPOT									0.00	0	0
Total For PBLT1U									0.00	0	0
PBUC1 On 01/01/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBUC1U SPOT									0.00	0	0
Total For PBUC1U									0.00	0	0
PBUJ1 On 01/01/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBUJ1U SPOT									0.00	0	0
Total For PBUJ1U									0.00	0	0
PBVJ1 On 01/06/2029 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PBVJ1U SPOT									0.00	0	0
Total For PBVJ1U									0.00	0	0
PMM12 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total PMM12/JIBAR SPOT									0.00	0	0
Total For PMM12/JIBAR									0.00	0	0
PMM38 On 12/06/2020 Spot Bond					0.00000	101.06269			0.00	0	0
Total PMM38 SPOT									0.00	0	0
Total For PMM38									0.00	0	0
PMM43 On 28/02/2019 Spot Bond					0.00000	101.34153			0.00	0	0
Total PMM43 SPOT									0.00	0	0
Total For PMM43									0.00	0	0
PMM44 On 07/11/2019 Spot Bond					0.00000	101.85625			0.00	0	0
Total PMM44 SPOT									0.00	0	0
Total For PMM44									0.00	0	0
PMM45 On 28/11/2018 Spot Bond					0.00000	101.27723			0.00	0	0
Total PMM45 SPOT									0.00	0	0
Total For PMM45									0.00	0	0
PMM46 On 29/06/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total PMM46U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For PMM46U										0.00	0	0
PMM47 On 30/09/2019 Spot Bond					0.00000	101.18245				0.00	0	0
Total PMM47 SPOT										0.00	0	0
Total For PMM47										0.00	0	0
PMM48 On 28/02/2020 Spot Bond					0.00000	101.21018				0.00	0	0
Total PMM48 SPOT										0.00	0	0
Total For PMM48										0.00	0	0
PPC00: On 31/12/2018 Spot Bond					0.00000	100.18490				0.00	0	0
Total PPC002 SPOT										0.00	0	0
Total For PPC002										0.00	0	0
PPC00: On 31/10/2019 Spot Bond					0.00000	98.42046				0.00	0	0
Total PPC003 SPOT										0.00	0	0
Total For PPC003										0.00	0	0
PRE2A On 20/02/2022 Spot Bond					0.00000	101.47283				0.00	0	0
Total PRE2A1 SPOT										0.00	0	0
Total For PRE2A1										0.00	0	0
PRE2A On 20/02/2022 Spot Bond					0.00000	101.54467				0.00	0	0
Total PRE2A2 SPOT										0.00	0	0
Total For PRE2A2										0.00	0	0
PRE2A On 20/02/2022 Spot Bond					0.00000	101.60751				0.00	0	0
Total PRE2A3 SPOT										0.00	0	0
Total For PRE2A3										0.00	0	0
PRE2B On 20/02/2022 Spot Bond					0.00000	101.73314				0.00	0	0
Total PRE2B1 SPOT										0.00	0	0
Total For PRE2B1										0.00	0	0
PRE2C On 20/02/2022 Spot Bond					0.00000	101.75108				0.00	0	0
Total PRE2C1 SPOT										0.00	0	0
Total For PRE2C1										0.00	0	0
PRE2D On 20/02/2022 Spot Bond					0.00000	101.76902				0.00	0	0
Total PRE2D1 SPOT										0.00	0	0
Total For PRE2D1										0.00	0	0
R186 On 21/12/2026 Spot Bond			9.15500	111.22870	9.14500	111.26094			181,110,935,138,000.00	2,750,530,959,600	1,354,046,241,100	
Total R186 SPOT									31,110,935,138,000.00	750,530,959,600	354,046,241,100	
Total For R186									31,110,935,138,000.00	750,530,959,600	354,046,241,100	
R197 On 07/12/2023 Spot Bond			2.90000	300.96847	2.91000	300.73112			72,195,534,800,000.00	24,895,012,000	33,304,001,800	
Total R197 SPOT									72,195,534,800,000.00	24,895,012,000	33,304,001,800	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For R197									2,195,534,800,000.00	24,895,012,000	33,304,001,800
R202 On 07/12/2033 Spot Bond			3.08000	235.64246	3.10000	235.01113			439,275,663,904,000.00	142,621,968,800	305,895,833,000
Total R202 SPOT									19,275,663,904,000.00	142,621,968,800	305,895,833,000
Total For R202									19,275,663,904,000.00	142,621,968,800	305,895,833,000
R2023 On 28/02/2023 Spot Bond			8.51000	98.46845	8.49500	98.49852			979,306,391,015,000.00	1,407,674,076,500	922,519,620,900
Total R2023 SPOT									9,306,391,015,000.00	407,674,076,500	922,519,620,900
Total For R2023									9,306,391,015,000.00	407,674,076,500	922,519,620,900
R2030 On 31/01/2030 Spot Bond			9.56000	91.24974	9.56000	91.22659			097,036,584,228,000.00	1,369,982,906,300	820,667,011,900
Total R2030 SPOT									17,036,584,228,000.00	369,982,906,300	820,667,011,900
Total For R2030									17,036,584,228,000.00	369,982,906,300	820,667,011,900
R2032 On 31/03/2032 Spot Bond			9.75500	89.44313	9.75500	89.41973			871,156,512,125,000.00	1,934,511,175,000	1,021,018,045,000
Total R2032 SPOT									1,156,512,125,000.00	934,511,175,000	1,021,018,045,000
Total For R2032									1,156,512,125,000.00	934,511,175,000	1,021,018,045,000
R2035 On 28/02/2035 Spot Bond			9.90000	93.13039	9.90000	93.10554			472,339,048,000,000.00	552,761,520,000	829,407,051,700
Total R2035 SPOT									2,339,048,000,000.00	552,761,520,000	829,407,051,700
Total For R2035									2,339,048,000,000.00	552,761,520,000	829,407,051,700
R2037 On 31/01/2037 Spot Bond			9.97000	89.73357	9.97000	89.70984			241,244,694,450,000.00	926,905,185,000	788,900,948,800
Total R2037 SPOT									11,244,694,450,000.00	926,905,185,000	788,900,948,800
Total For R2037									11,244,694,450,000.00	926,905,185,000	788,900,948,800
R204 On 21/12/2018 Spot Bond			6.05500	103.04275	6.03500	103.02900			369,355,000,000,000.00	61,000,000,000	38,728,412,400
Total R204 SPOT									19,355,000,000,000.00	61,000,000,000	38,728,412,400
Total For R204									19,355,000,000,000.00	61,000,000,000	38,728,412,400
R2040 On 31/01/2040 Spot Bond			10.05500	92.91084	10.05500	92.88607			101,428,919,801,500.00	905,164,487,300	742,395,682,900
Total R2040 SPOT									11,428,919,801,500.00	905,164,487,300	742,395,682,900
Total For R2040									11,428,919,801,500.00	905,164,487,300	742,395,682,900
R2044 On 31/01/2044 Spot Bond			10.06000	90.11086	10.06000	90.08683			496,204,156,400,000.00	645,745,940,000	1,109,716,166,200
Total R2044 SPOT									16,204,156,400,000.00	645,745,940,000	109,716,166,200
Total For R2044									16,204,156,400,000.00	645,745,940,000	109,716,166,200
R2048 On 28/02/2048 Spot Bond			10.04500	89.16529	10.04500	89.14115			896,898,697,204,500.00	1,881,224,360,100	1,448,031,032,900
Total R2048 SPOT									16,898,697,204,500.00	881,224,360,100	448,031,032,900
Total For R2048									16,898,697,204,500.00	881,224,360,100	448,031,032,900
R207 On 15/01/2020 Spot Bond			6.80000	102.53275	6.79500	102.51993			984,513,200,000,000.00	438,899,000,000	217,170,221,100
Total R207 SPOT									14,513,200,000,000.00	438,899,000,000	217,170,221,100
Total For R207									14,513,200,000,000.00	438,899,000,000	217,170,221,100
R208 On 31/03/2021 Spot Bond			7.72000	98.36310	7.69000	98.40719			409,080,353,468,000.00	1,218,792,791,900	941,529,164,500
Total R208 SPOT									19,080,353,468,000.00	218,792,791,900	941,529,164,500

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For R208									19,080,353,468,000.00	218,792,791,900	941,529,164,500
R209 On 31/03/2036 Spot Bond			9.86000	70.66583	9.85500	70.67897			447,777,315,128,000.00	2,783,750,234,800	1,639,207,414,900
Total R209 SPOT									17,777,315,128,000.00	783,750,234,800	639,207,414,900
Total For R209									17,777,315,128,000.00	783,750,234,800	639,207,414,900
R210 On 31/03/2028 Spot Bond			3.00000	185.80683	3.01000	185.58840			20,936,444,400,000.00	6,978,814,800	38,578,042,700
Total R210 SPOT									20,936,444,400,000.00	6,978,814,800	38,578,042,700
Total For R210									20,936,444,400,000.00	6,978,814,800	38,578,042,700
R212 On 31/01/2022 Spot Bond			2.82000	155.30069	2.81000	155.29513			208,258,075,548,000.00	73,850,381,400	56,025,302,100
Total R212 SPOT									18,258,075,548,000.00	73,850,381,400	56,025,302,100
Total For R212									18,258,075,548,000.00	73,850,381,400	56,025,302,100
R213 On 28/02/2031 Spot Bond			9.66500	82.09036	9.65500	82.13071			794,567,945,671,500.00	909,939,777,100	590,500,543,900
Total R213 SPOT									14,567,945,671,500.00	909,939,777,100	590,500,543,900
Total For R213									14,567,945,671,500.00	909,939,777,100	590,500,543,900
R214 On 28/02/2041 Spot Bond			10.01500	69.84425	10.01500	69.82539			275,770,172,555,000.00	526,786,837,000	755,939,252,200
Total R214 SPOT									15,770,172,555,000.00	526,786,837,000	755,939,252,200
Total For R214									15,770,172,555,000.00	526,786,837,000	755,939,252,200
RCG01 On 24/10/2019 Spot Bond					0.00000	100.59065			0.00	0	0
Total RCG01B SPOT									0.00	0	0
Total For RCG01B									0.00	0	0
RDF02 On 04/12/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF02U SPOT									0.00	0	0
Total For RDF02U									0.00	0	0
RDF05 On 04/12/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF05U SPOT									0.00	0	0
Total For RDF05U									0.00	0	0
RDF06 On 28/08/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF06U SPOT									0.00	0	0
Total For RDF06U									0.00	0	0
RDF07 On 22/12/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF07U SPOT									0.00	0	0
Total For RDF07U									0.00	0	0
RDF08 On 01/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF08U SPOT									0.00	0	0
Total For RDF08U									0.00	0	0
RDF09 On 21/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF09U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For RDF09U									0.00	0	0
RDF10I On 21/08/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF10U SPOT									0.00	0	0
Total For RDF10U									0.00	0	0
RDF11I On 31/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF11U SPOT									0.00	0	0
Total For RDF11U									0.00	0	0
RDF12I On 31/08/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF12U SPOT									0.00	0	0
Total For RDF12U									0.00	0	0
RDF13I On 22/08/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF13U SPOT									0.00	0	0
Total For RDF13U									0.00	0	0
RDF14I On 30/08/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF14U SPOT									0.00	0	0
Total For RDF14U									0.00	0	0
RDF15I On 30/08/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF15U SPOT									0.00	0	0
Total For RDF15U									0.00	0	0
RDF16I On 30/08/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDF16U SPOT									0.00	0	0
Total For RDF16U									0.00	0	0
RDFB0 On 27/11/2019 Spot Bond					0.00000	102.08716			0.00	0	510,000,000
Total RDFB05 SPOT									0.00	0	510,000,000
Total For RDFB05									0.00	0	510,000,000
RDFB0 On 22/03/2019 Spot Bond					0.00000	101.11932			0.00	0	0
Total RDFB06 SPOT									0.00	0	0
Total For RDFB06									0.00	0	0
RDFB0 On 22/03/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total RDFB06/JIBAR SPOT									0.00	0	0
Total For RDFB06/JIBAR									0.00	0	0
RDFB0 On 30/09/2019 Spot Bond					0.00000	100.74986			0.00	0	0
Total RDFB07 SPOT									0.00	0	0
Total For RDFB07									0.00	0	0
RDFB0 On 30/09/2021 Spot Bond					0.00000	101.22600			0.00	0	0
Total RDFB08 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For RDFB08										0.00	0	0
RDFB0 On 02/12/2021 Spot Bond					0.00000	101.27534				0.00	0	0
Total RDFB09 SPOT										0.00	0	0
Total For RDFB09										0.00	0	0
RDFB1 On 27/03/2020 Spot Bond					0.00000	101.01054				0.00	0	200,000,000
Total RDFB10 SPOT										0.00	0	200,000,000
Total For RDFB10										0.00	0	200,000,000
RDFB1 On 27/03/2022 Spot Bond					0.00000	100.68153				0.00	0	0
Total RDFB11 SPOT										0.00	0	0
Total For RDFB11										0.00	0	0
RDFB1 On 27/11/2022 Spot Bond					0.00000	101.41228				0.00	0	0
Total RDFB12 SPOT										0.00	0	0
Total For RDFB12										0.00	0	0
RDFB1 On 12/03/2021 Spot Bond					0.00000	101.01032				0.00	0	0
Total RDFB13 SPOT										0.00	0	0
Total For RDFB13										0.00	0	0
RDFB1 On 12/03/2023 Spot Bond					0.00000	101.03352				0.00	0	0
Total RDFB14 SPOT										0.00	0	0
Total For RDFB14										0.00	0	0
RDFC4 On 04/06/2019 Spot Bond					0.00000	101.12651				0.00	0	0
Total RDFC43 SPOT										0.00	0	0
Total For RDFC43										0.00	0	0
RDFC4 On 28/01/2019 Spot Bond					0.00000	99.91541				0.00	0	0
Total RDFC44 SPOT										0.00	0	0
Total For RDFC44										0.00	0	0
RDFC4 On 16/10/2019 Spot Bond					0.00000	100.19948				0.00	0	0
Total RDFC45 SPOT										0.00	0	0
Total For RDFC45										0.00	0	0
REB12 On 07/11/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total REB12U SPOT										0.00	0	0
Total For REB12U										0.00	0	0
REB13 On 07/02/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total REB13U SPOT										0.00	0	0
Total For REB13U										0.00	0	0
REBC0 On 21/05/2019 Spot Bond					0.00000	101.53027				0.00	0	0
Total REBC09 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For REBC09										0.00	0	0
RED20: On 05/04/2019 Spot Bond					0.00000	100.66883				0.00	0	0
Total RED202 SPOT										0.00	0	0
Total For RED202										0.00	0	0
RED20: On 05/04/2019 Spot Bond					0.00000	100.80500				0.00	0	0
Total RED203 SPOT										0.00	0	0
Total For RED203										0.00	0	0
RED20: On 05/01/2020 Spot Bond					0.00000	100.66010				0.00	0	0
Total RED204 SPOT										0.00	0	0
Total For RED204										0.00	0	0
RED20: On 05/07/2020 Spot Bond					0.00000	100.74023				0.00	0	0
Total RED205 SPOT										0.00	0	0
Total For RED205										0.00	0	0
RED30 On 16/09/2021 Spot Bond					0.00000	101.21203				0.00	0	0
Total RED301 SPOT										0.00	0	0
Total For RED301										0.00	0	0
RED40 On 26/11/2019 Spot Bond					0.00000	102.02913				0.00	0	0
Total RED401 SPOT										0.00	0	0
Total For RED401										0.00	0	0
RED50 On 05/12/2022 Spot Bond					0.00000	101.65292				0.00	0	0
Total RED501 SPOT										0.00	0	0
Total For RED501										0.00	0	0
RED60 On 09/03/2022 Spot Bond					0.00000	100.38213				0.00	0	0
Total RED601 SPOT										0.00	0	0
Total For RED601										0.00	0	0
RED60: On 09/03/2022 Spot Bond					0.00000	100.47693				0.00	0	0
Total RED602 SPOT										0.00	0	0
Total For RED602										0.00	0	0
RED70 On 17/08/2021 Spot Bond					0.00000	102.09362				0.00	0	0
Total RED701 SPOT										0.00	0	0
Total For RED701										0.00	0	0
RED80 On 06/04/2021 Spot Bond					0.00000	100.58652				0.00	0	0
Total RED801 SPOT										0.00	0	0
Total For RED801										0.00	0	0
RED90 On 28/07/2022 Spot Bond					0.00000	99.81219				0.00	0	0
Total RED901 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For RED901										0.00	0	0
REDX0 On 07/02/2019 Spot Bond					0.00000	100.69797				0.00	0	0
Total REDX01 SPOT										0.00	0	0
Total For REDX01										0.00	0	0
RES02I On 02/03/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RES02U SPOT										0.00	0	0
Total For RES02U										0.00	0	0
RES03I On 02/03/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RES03U SPOT										0.00	0	0
Total For RES03U										0.00	0	0
RES04I On 02/03/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RES04U SPOT										0.00	0	0
Total For RES04U										0.00	0	0
RES34 On 25/08/2019 Spot Bond					0.00000	101.43344				0.00	0	0
Total RES34 SPOT										0.00	0	0
Total For RES34										0.00	0	0
RES35 On 25/08/2021 Spot Bond					0.00000	101.25578				0.00	21,200,000,000	10,600,000,000
Total RES35 SPOT										0.00	21,200,000,000	10,600,000,000
Total For RES35										0.00	21,200,000,000	10,600,000,000
RES36 On 21/10/2019 Spot Bond					0.00000	100.01469				0.00	0	0
Total RES36 SPOT										0.00	0	0
Total For RES36										0.00	0	0
RES38 On 01/08/2020 Spot Bond					0.00000	99.68029				0.00	29,000,000,000	14,500,000,000
Total RES38 SPOT										0.00	29,000,000,000	14,500,000,000
Total For RES38										0.00	29,000,000,000	14,500,000,000
RES40 On 13/10/2022 Spot Bond					0.00000	100.24391				0.00	0	0
Total RES40 SPOT										0.00	0	0
Total For RES40										0.00	0	0
RES41 On 30/11/2022 Spot Bond					0.00000	101.34152				0.00	0	0
Total RES41 SPOT										0.00	0	0
Total For RES41										0.00	0	0
RES42I On 02/03/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RES42U SPOT										0.00	0	0
Total For RES42U										0.00	0	0
RES43I On 03/05/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RES43U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For RES43U										0.00	0	0
RES44I On 25/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RES44U SPOT										0.00	0	0
Total For RES44U										0.00	0	0
RMBI06 On 24/07/2038 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total RMBI06 SPOT										0.00	0	0
Total For RMBI06										0.00	0	0
RW21 On 21/04/2021 Spot Bond			9.09000	102.05371	9.09000	102.02879				0.00	0	0
Total RW21 SPOT										0.00	0	0
Total For RW21										0.00	0	0
RW23 On 10/12/2023 Spot Bond			10.04000	101.48105	10.04000	101.45390				0.00	0	0
Total RW23 SPOT										0.00	0	0
Total For RW23										0.00	0	0
RW28 On 10/12/2028 Spot Bond			11.20000	98.13944	11.20000	98.11022				0.00	0	0
Total RW28 SPOT										0.00	0	0
Total For RW28										0.00	0	0
SBK12/ On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total SBK12/R157 SPOT										0.00	0	0
Total For SBK12/R157										0.00	0	0
SBK17 On 30/07/2019 Spot Bond					0.00000	100.31996				0.00	0	0
Total SBK17 SPOT										0.00	0	0
Total For SBK17										0.00	0	0
SBK18 On 24/10/2020 Spot Bond					0.00000	101.02040				0.00	0	1,600,000,000
Total SBK18 SPOT										0.00	0	1,600,000,000
Total For SBK18										0.00	0	1,600,000,000
SBK19 On 24/10/2019 Spot Bond					0.00000	100.02330				0.00	0	0
Total SBK19 SPOT										0.00	0	0
Total For SBK19										0.00	0	0
SBK20 On 02/12/2019 Spot Bond					0.00000	103.27728				0.00	0	0
Total SBK20 SPOT										0.00	0	0
Total For SBK20										0.00	0	0
SBK21 On 28/01/2020 Spot Bond					0.00000	101.60243				0.00	0	0
Total SBK21 SPOT										0.00	0	0
Total For SBK21										0.00	0	0
SBK22 On 28/05/2020 Spot Bond					0.00000	104.28612				0.00	0	7,830,000,000
Total SBK22 SPOT										0.00	0	7,830,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For SBK22									0.00	0	7,830,000,000
SBK23 On 28/05/2022 Spot Bond			10.84500	106.80105	10.84500	106.77040			0.00	0	2,030,000,000
Total SBK23 SPOT									0.00	0	2,030,000,000
Total For SBK23									0.00	0	2,030,000,000
SBK24 On 19/10/2020 Spot Bond					0.00000	102.86137			0.00	0	0
Total SBK24 SPOT									0.00	0	0
Total For SBK24									0.00	0	0
SBK24/ On 19/10/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SBK24/JIBAR SPOT									0.00	0	0
Total For SBK24/JIBAR									0.00	0	0
SBK25 On 25/04/2021 Spot Bond					0.00000	104.75295			0.00	0	0
Total SBK25 SPOT									0.00	0	0
Total For SBK25									0.00	0	0
SBK26 On 25/04/2021 Spot Bond			10.29000	104.25467	10.29000	104.22593			0.00	0	0
Total SBK26 SPOT									0.00	0	0
Total For SBK26									0.00	0	0
SBN01 On 31/07/2021 Spot Bond					0.00000	99.87082			0.00	0	0
Total SBN01 SPOT									0.00	0	0
Total For SBN01									0.00	0	0
SBS18 On 23/06/2021 Spot Bond					0.00000	102.05811			0.00	0	685,000,000
Total SBS18 SPOT									0.00	0	685,000,000
Total For SBS18									0.00	0	685,000,000
SBS19 On 23/06/2021 Spot Bond			8.89500	106.43661	8.89500	106.41130		4,358,550,000,000.00		490,000,000	245,000,000
Total SBS19 SPOT								4,358,550,000,000.00		490,000,000	245,000,000
Total For SBS19								4,358,550,000,000.00		490,000,000	245,000,000
SBS20 On 15/05/2026 Spot Bond			10.17000	103.84443	10.17000	103.81643			0.00	0	0
Total SBS20 SPOT									0.00	0	0
Total For SBS20									0.00	0	0
SBS21 On 15/05/2026 Spot Bond					0.00000	104.64677			0.00	0	0
Total SBS21 SPOT									0.00	0	0
Total For SBS21									0.00	0	0
SBS24 On 24/05/2019 Spot Bond					0.00000	102.01327			0.00	0	0
Total SBS24 SPOT									0.00	0	0
Total For SBS24									0.00	0	0
SBS25 On 24/05/2019 Spot Bond			7.79000	104.32458	7.79000	104.30292			0.00	0	355,000,000
Total SBS25 SPOT									0.00	0	355,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For SBS25									0.00	0	355,000,000
SBS27 On 20/02/2024 Spot Bond			9.49500	104.42140	9.49500	104.39509			2,848,500,000,000.00	300,000,000	75,000,000
Total SBS27 SPOT									2,848,500,000,000.00	300,000,000	75,000,000
Total For SBS27									2,848,500,000,000.00	300,000,000	75,000,000
SBS29 On 12/06/2019 Spot Bond			7.83000	103.73064	7.83000	103.70887			0.00	0	0
Total SBS29 SPOT									0.00	0	0
Total For SBS29									0.00	0	0
SBS3 On 25/05/2026 Spot Bond			10.30000	92.55015	10.30000	92.52489			0.00	0	0
Total SBS3 SPOT									0.00	0	0
Total For SBS3									0.00	0	0
SBS30 On 12/06/2019 Spot Bond					0.00000	101.11279			0.00	0	0
Total SBS30 SPOT									0.00	0	0
Total For SBS30									0.00	0	0
SBS31 On 12/06/2027 Spot Bond			10.38000	100.27398	10.38000	100.24626			0.00	0	0
Total SBS31 SPOT									0.00	0	0
Total For SBS31									0.00	0	0
SBS33 On 19/09/2019 Spot Bond					0.00000	100.83814			0.00	0	0
Total SBS33 SPOT									0.00	0	0
Total For SBS33									0.00	0	0
SBS34 On 19/09/2024 Spot Bond			9.99500	101.47192	9.99500	101.44458			0.00	0	3,500,000,000
Total SBS34 SPOT									0.00	0	3,500,000,000
Total For SBS34									0.00	0	3,500,000,000
SBS36 On 29/01/2020 Spot Bond					0.00000	100.24693			0.00	0	0
Total SBS36 SPOT									0.00	0	0
Total For SBS36									0.00	0	0
SBS37 On 29/01/2020 Spot Bond			8.36500	101.45160	8.36500	101.42901			0.00	0	0
Total SBS37 SPOT									0.00	0	0
Total For SBS37									0.00	0	0
SBS38 On 29/01/2025 Spot Bond			9.97500	98.12326	9.97500	98.09730			5,386,500,000,000.00	540,000,000	540,000,000
Total SBS38 SPOT									5,386,500,000,000.00	540,000,000	540,000,000
Total For SBS38									5,386,500,000,000.00	540,000,000	540,000,000
SBS39 On 29/01/2030 Spot Bond			10.84500	95.03776	10.84500	95.01050			0.00	0	0
Total SBS39 SPOT									0.00	0	0
Total For SBS39									0.00	0	0
SBS4 On 16/11/2021 Spot Bond			8.90500	102.99886	8.90500	102.97448			2,849,600,000,000.00	320,000,000	1,482,000,000
Total SBS4 SPOT									2,849,600,000,000.00	320,000,000	1,482,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SBS4										2,849,600,000.00	320,000,000	1,482,000,000
SBS40 On 12/11/2020 Spot Bond					0.00000	102.50689				0.00	0	0
Total SBS40 SPOT										0.00	0	0
Total For SBS40										0.00	0	0
SBS41 On 12/11/2022 Spot Bond			9.38000	106.50155	9.38000	106.47502				0.00	0	0
Total SBS41 SPOT										0.00	0	0
Total For SBS41										0.00	0	0
SBS42 On 12/11/2025 Spot Bond			10.06500	107.67041	10.06500	107.64168				0.00	0	0
Total SBS42 SPOT										0.00	0	0
Total For SBS42										0.00	0	0
SBS43 On 12/11/2027 Spot Bond			10.38000	107.44052	10.38000	107.41098				0.00	0	0
Total SBS43 SPOT										0.00	0	0
Total For SBS43										0.00	0	0
SBS44 On 15/02/2019 Spot Bond					0.00000	101.89573				0.00	0	0
Total SBS44 SPOT										0.00	0	0
Total For SBS44										0.00	0	0
SBS45 On 15/02/2021 Spot Bond					0.00000	102.73695				0.00	0	0
Total SBS45 SPOT										0.00	0	0
Total For SBS45										0.00	0	0
SBS46 On 15/02/2023 Spot Bond			9.40500	106.37960	9.40500	106.35303				0.00	0	0
Total SBS46 SPOT										0.00	0	0
Total For SBS46										0.00	0	0
SBS47 On 15/02/2023 Spot Bond					0.00000	103.29008				0.00	0	0
Total SBS47 SPOT										0.00	0	0
Total For SBS47										0.00	0	0
SBS48 On 31/01/2020 Spot Bond					0.00000	100.21903				0.00	0	0
Total SBS48 SPOT										0.00	0	0
Total For SBS48										0.00	0	0
SBS49 On 31/01/2022 Spot Bond					0.00000	100.74149				0.00	0	0
Total SBS49 SPOT										0.00	0	0
Total For SBS49										0.00	0	0
SBS50 On 31/01/2022 Spot Bond			9.65500	101.65882	9.65500	101.63277				0.00	0	0
Total SBS50 SPOT										0.00	0	0
Total For SBS50										0.00	0	0
SBS51 On 31/01/2024 Spot Bond			10.18500	10.18500	10.18500	100.61435				0.00	0	0
Total SBS51 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For SBS51									0.00	0	0
SBS52 On 29/01/2030 Spot Bond					0.00000	100.90399			0.00	0	0
Total SBS52 SPOT									0.00	0	0
Total For SBS52									0.00	0	0
SBS53 On 03/05/2027 Spot Bond					0.00000	100.85953			0.00	0	0
Total SBS53 SPOT									0.00	0	0
Total For SBS53									0.00	0	0
SBS54 On 12/06/2020 Spot Bond					0.00000	101.51322			0.00	0	0
Total SBS54 SPOT									0.00	0	0
Total For SBS54									0.00	0	0
SBS55 On 12/06/2022 Spot Bond					0.00000	101.98947			0.00	0	50,000,000
Total SBS55 SPOT									0.00	0	50,000,000
Total For SBS55									0.00	0	50,000,000
SBS56 On 12/06/2022 Spot Bond			9.25500	9.25500	9.25500	102.35879		2,054,610,000,000.00	222,000,000	111,000,000	
Total SBS56 SPOT								2,054,610,000,000.00	222,000,000	111,000,000	
Total For SBS56								2,054,610,000,000.00	222,000,000	111,000,000	
SBS57 On 12/06/2024 Spot Bond					0.00000	102.04669			0.00	0	0
Total SBS57 SPOT									0.00	0	0
Total For SBS57									0.00	0	0
SBS58 On 12/06/2027 Spot Bond					0.00000	102.98575			0.00	0	0
Total SBS58 SPOT									0.00	0	0
Total For SBS58									0.00	0	0
SBS59 On 09/10/2020 Spot Bond					0.00000	100.36387			0.00	0	0
Total SBS59 SPOT									0.00	0	0
Total For SBS59									0.00	0	0
SBS60 On 18/01/2023 Spot Bond					0.00000	100.16651			0.00	0	0
Total SBS60 SPOT									0.00	0	0
Total For SBS60									0.00	0	0
SBSI11 On 07/12/2023 Spot Bond			3.92000	287.76257	3.92000	287.65493			0.00	0	180,000,000
Total SBSI11 SPOT									0.00	0	180,000,000
Total For SBSI11									0.00	0	180,000,000
SBSI14 On 07/12/2033 Spot Bond			4.40000	4.40000	4.40000	202.47402			0.00	0	0
Total SBSI14 SPOT									0.00	0	0
Total For SBSI14									0.00	0	0
SBT101 On 31/03/2022 Spot Bond					0.00000	103.14400			0.00	0	0
Total SBT101 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SBT101										0.00	0	0
SBT101 On 30/09/2022 Spot Bond					0.00000	102.28994				0.00	0	0
Total SBT102 SPOT										0.00	0	0
Total For SBT102										0.00	0	0
SBT201 On 13/02/2023 Spot Bond					0.00000	104.16127				0.00	0	4,000,000,000
Total SBT201 SPOT										0.00	0	4,000,000,000
Total For SBT201										0.00	0	4,000,000,000
SGI004 On 20/01/2021 Spot Bond					0.00000	100.51698				0.00	0	0
Total SGI004 SPOT										0.00	0	0
Total For SGI004										0.00	0	0
SGI005 On 10/07/2021 Spot Bond					0.00000	100.51713				0.00	0	0
Total SGI005 SPOT										0.00	0	0
Total For SGI005										0.00	0	0
SGI006 On 11/07/2022 Spot Bond					0.00000	100.44371				0.00	0	0
Total SGI006 SPOT										0.00	0	0
Total For SGI006										0.00	0	0
SHI02 On 01/10/2021 Spot Bond					0.00000	82.63494				0.00	0	0
Total SHI02 SPOT										0.00	0	0
Total For SHI02										0.00	0	0
SHS11U On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total SHS11U/JIBAR SPOT										0.00	0	0
Total For SHS11U/JIBAR										0.00	0	0
SLI4 On 15/08/2021 Spot Bond					0.00000	103.22859				0.00	0	0
Total SLI4 SPOT										0.00	0	0
Total For SLI4										0.00	0	0
SLRA1 On 15/08/2019 Spot Bond					0.00000	101.71375				0.00	0	0
Total SLRA1 SPOT										0.00	0	0
Total For SLRA1										0.00	0	0
SLRA2 On 15/08/2021 Spot Bond					0.00000	101.76190				0.00	0	0
Total SLRA2 SPOT										0.00	0	0
Total For SLRA2										0.00	0	0
SLRA3 On 15/11/2020 Spot Bond					0.00000	101.66900				0.00	0	0
Total SLRA3 SPOT										0.00	0	0
Total For SLRA3										0.00	0	0
SLRA4 On 15/11/2022 Spot Bond					0.00000	101.71744				0.00	0	0
Total SLRA4 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SLRA4										0.00	0	0
SLRB1 On 15/08/2019 Spot Bond					0.00000	101.79117				0.00	0	0
Total SLRB1 SPOT										0.00	0	0
Total For SLRB1										0.00	0	0
SLRB2 On 15/08/2021 Spot Bond					0.00000	101.81025				0.00	0	0
Total SLRB2 SPOT										0.00	0	0
Total For SLRB2										0.00	0	0
SLRB3 On 15/11/2020 Spot Bond					0.00000	101.81404				0.00	0	0
Total SLRB3 SPOT										0.00	0	0
Total For SLRB3										0.00	0	0
SLRB4 On 15/11/2022 Spot Bond					0.00000	101.82382				0.00	0	0
Total SLRB4 SPOT										0.00	0	0
Total For SLRB4										0.00	0	0
SLRC1 On 15/08/2019 Spot Bond					0.00000	101.94790				0.00	0	0
Total SLRC1 SPOT										0.00	0	0
Total For SLRC1										0.00	0	0
SLRC2 On 15/08/2021 Spot Bond					0.00000	101.98812				0.00	0	0
Total SLRC2 SPOT										0.00	0	0
Total For SLRC2										0.00	0	0
SLRC3 On 15/11/2020 Spot Bond					0.00000	101.89717				0.00	0	0
Total SLRC3 SPOT										0.00	0	0
Total For SLRC3										0.00	0	0
SLRC4 On 15/11/2022 Spot Bond					0.00000	101.93984				0.00	0	0
Total SLRC4 SPOT										0.00	0	0
Total For SLRC4										0.00	0	0
SNT02 On 12/04/2021 Spot Bond					0.00000	102.19848				0.00	0	0
Total SNT02 SPOT										0.00	0	0
Total For SNT02										0.00	0	0
SNT03 On 12/04/2023 Spot Bond			10.84500	10.84500	10.84500	103.61648				0.00	0	1,550,000,000
Total SNT03 SPOT										0.00	0	1,550,000,000
Total For SNT03										0.00	0	1,550,000,000
SNT04 On 27/06/2022 Spot Bond					0.00000	102.25153				0.00	0	0
Total SNT04 SPOT										0.00	0	0
Total For SNT04										0.00	0	0
SPDA10 On 21/08/2021 Spot Bond					0.00000	102.17467				0.00	0	0
Total SPDA10 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SPDA10										0.00	0	0
SPDA1 On 21/08/2020 Spot Bond					0.00000	101.69716				0.00	0	0
Total SPDA11 SPOT										0.00	0	0
Total For SPDA11										0.00	0	0
SPDA1 On 21/08/2022 Spot Bond					0.00000	101.56010				0.00	0	0
Total SPDA12 SPOT										0.00	0	0
Total For SPDA12										0.00	0	0
SPDA6 On 21/08/2019 Spot Bond					0.00000	101.91539				0.00	0	0
Total SPDA6 SPOT										0.00	0	0
Total For SPDA6										0.00	0	0
SPDA7 On 21/08/2019 Spot Bond					0.00000	101.92234				0.00	0	0
Total SPDA7 SPOT										0.00	0	0
Total For SPDA7										0.00	0	0
SPDA8 On 21/08/2021 Spot Bond					0.00000	101.56809				0.00	0	0
Total SPDA8 SPOT										0.00	0	0
Total For SPDA8										0.00	0	0
SPDA9 On 21/08/2019 Spot Bond					0.00000	101.97057				0.00	0	0
Total SPDA9 SPOT										0.00	0	0
Total For SPDA9										0.00	0	0
SPG00 On 09/09/2019 Spot Bond					0.00000	101.16443				0.00	0	0
Total SPG002 SPOT										0.00	0	0
Total For SPG002										0.00	0	0
SPG00 On 31/10/2019 Spot Bond					0.00000	100.48331				0.00	0	0
Total SPG003 SPOT										0.00	0	0
Total For SPG003										0.00	0	0
SPG00 On 27/09/2023 Spot Bond					0.00000	100.69643				0.00	0	0
Total SPG004 SPOT										0.00	0	0
Total For SPG004										0.00	0	0
SS039L On 18/01/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total SS039U SPOT										0.00	0	0
Total For SS039U										0.00	0	0
SS040L On 18/05/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total SS040U SPOT										0.00	0	0
Total For SS040U										0.00	0	0
SS041L On 29/11/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total SS041U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For SS041U									0.00	0	0
SS042L On 02/07/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS042U SPOT									0.00	0	0
Total For SS042U									0.00	0	0
SS043L On 04/07/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS043U SPOT									0.00	0	0
Total For SS043U									0.00	0	0
SS044L On 16/07/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS044U SPOT									0.00	0	0
Total For SS044U									0.00	0	0
SS045L On 09/01/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS045U SPOT									0.00	0	0
Total For SS045U									0.00	0	0
SS046L On 15/08/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS046U SPOT									0.00	0	0
Total For SS046U									0.00	0	0
SS047L On 15/08/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS047U SPOT									0.00	0	0
Total For SS047U									0.00	0	0
SS048L On 15/08/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total SS048U SPOT									0.00	0	0
Total For SS048U									0.00	0	0
SSA06 On 16/04/2020 Spot Bond			8.49000	99.63345	8.49000	99.61069			0.00	0	0
Total SSA06 SPOT									0.00	0	0
Total For SSA06									0.00	0	0
SSN00 On 31/03/2021 Spot Bond			9.26000	95.12354	9.26000	95.09989			0.00	0	0
Total SSN004 SPOT									0.00	0	0
Total For SSN004									0.00	0	0
SSN00 On 31/03/2021 Spot Bond			9.26000	95.12354	9.26000	95.09989			0.00	0	0
Total SSN005 SPOT									0.00	0	0
Total For SSN005									0.00	0	0
SSN01 On 31/01/2025 Spot Bond			4.38500	4.38500	4.38500	122.09658			0.00	0	0
Total SSN011 SPOT									0.00	0	0
Total For SSN011									0.00	0	0
SSN01 On 21/12/2026 Spot Bond			10.64500	102.83707	10.64500	102.80794			0.00	0	0
Total SSN017 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SSN017										0.00	0	0
SSN02 On 28/02/2031 Spot Bond			11.52500	71.64446	11.52500	71.62229				0.00	0	0
Total SSN021 SPOT										0.00	0	0
Total For SSN021										0.00	0	0
SSN02 On 21/01/2019 Spot Bond					0.00000	100.01429				0.00	0	0
Total SSN024 SPOT										0.00	0	0
Total For SSN024										0.00	0	0
SSN02 On 16/01/2019 Spot Bond					0.00000	100.20983				0.00	0	0
Total SSN026 SPOT										0.00	0	0
Total For SSN026										0.00	0	0
SSN02 On 25/09/2019 Spot Bond					0.00000	100.74527				0.00	0	0
Total SSN027 SPOT										0.00	0	0
Total For SSN027										0.00	0	0
SSN02 On 07/12/2023 Spot Bond					0.00000	101.36011				0.00	0	0
Total SSN029 SPOT										0.00	0	0
Total For SSN029										0.00	0	0
SSN03 On 17/03/2020 Spot Bond					0.00000	100.92928				0.00	0	0
Total SSN033 SPOT										0.00	0	0
Total For SSN033										0.00	0	0
SSN03 On 02/06/2020 Spot Bond					0.00000	101.29655				0.00	0	0
Total SSN034 SPOT										0.00	0	0
Total For SSN034										0.00	0	0
SSN03 On 17/11/2020 Spot Bond					0.00000	101.71795				0.00	0	0
Total SSN035 SPOT										0.00	0	0
Total For SSN035										0.00	0	0
SSN03 On 01/06/2021 Spot Bond					0.00000	101.37144				0.00	0	80,000,000
Total SSN037 SPOT										0.00	0	80,000,000
Total For SSN037										0.00	0	80,000,000
SSN03 On 26/01/2021 Spot Bond			9.55000	9.55000	9.55000	102.33372				0.00	0	0
Total SSN038 SPOT										0.00	0	0
Total For SSN038										0.00	0	0
SSN04 On 13/10/2023 Spot Bond					0.00000	100.24660				0.00	0	0
Total SSN040 SPOT										0.00	0	0
Total For SSN040										0.00	0	0
SSN04 On 13/10/2023 Spot Bond			9.89500	99.95711	9.89500	99.93060				0.00	0	0
Total SSN041 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SSN041										0.00	0	0
SSN04: On 31/01/2038 Spot Bond			4.18000	104.89198	4.18000	104.85209				0.00	0	0
Total SSN043 SPOT										0.00	0	0
Total For SSN043										0.00	0	0
SSN04: On 09/02/2027 Spot Bond					0.00000	100.22610				0.00	0	0
Total SSN044 SPOT										0.00	0	0
Total For SSN044										0.00	0	0
SSN04: On 30/04/2027 Spot Bond					0.00000	99.84465				0.00	0	0
Total SSN046 SPOT										0.00	0	0
Total For SSN046										0.00	0	0
SSN04: On 05/04/2027 Spot Bond					0.00000	100.36699				0.00	0	0
Total SSN047 SPOT										0.00	0	0
Total For SSN047										0.00	0	0
SSN05: On 08/12/2023 Spot Bond			3.94000	3.94000	3.94000	287.40300				0.00	0	0
Total SSN050 SPOT										0.00	0	0
Total For SSN050										0.00	0	0
SSN05: On 26/09/2020 Spot Bond					0.00000	108.52443				0.00	0	0
Total SSN051 SPOT										0.00	0	0
Total For SSN051										0.00	0	0
SSN05: On 26/10/2020 Spot Bond					0.00000	99.97923				0.00	0	0
Total SSN052 SPOT										0.00	0	0
Total For SSN052										0.00	0	0
SSN05: On 26/10/2020 Spot Bond			7.74200	101.16511	7.74200	101.14412				0.00	0	0
Total SSN053 SPOT										0.00	0	0
Total For SSN053										0.00	0	0
SSN05: On 26/10/2022 Spot Bond					0.00000	99.97758				0.00	0	0
Total SSN054 SPOT										0.00	0	0
Total For SSN054										0.00	0	0
SSN05: On 03/11/2022 Spot Bond					0.00000	99.75262				0.00	0	0
Total SSN055 SPOT										0.00	0	0
Total For SSN055										0.00	0	0
SSN05: On 19/12/2022 Spot Bond					0.00000	100.00000				0.00	0	0
Total SSN057 SPOT										0.00	0	0
Total For SSN057										0.00	0	0
SSN05: On 19/01/2023 Spot Bond					0.00000	100.13777				0.00	0	0
Total SSN058 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For SSN058										0.00	0	0
SSN06: On 05/10/2022 Spot Bond					0.00000	100.44574				0.00	0	0
Total SSN060 SPOT										0.00	0	0
Total For SSN060										0.00	0	0
SSN06: On 31/03/2028 Spot Bond			4.23000	4.23000	4.23000	167.90852				0.00	0	0
Total SSN061 SPOT										0.00	0	0
Total For SSN061										0.00	0	0
SSN06: On 31/01/2025 Spot Bond			4.04000	4.04000	4.04000	124.53873				0.00	0	0
Total SSN062 SPOT										0.00	0	0
Total For SSN062										0.00	0	0
SSN06: On 31/01/2038 Spot Bond			4.52000	4.52000	4.52000	99.78801				0.00	0	0
Total SSN063 SPOT										0.00	0	0
Total For SSN063										0.00	0	0
SSN06: On 31/03/2029 Spot Bond			4.30000	4.30000	4.30000	89.16373				0.00	0	0
Total SSN064 SPOT										0.00	0	0
Total For SSN064										0.00	0	0
SSN06: On 31/03/2028 Spot Bond			4.19000	4.19000	4.19000	168.45678				0.00	0	0
Total SSN065 SPOT										0.00	0	0
Total For SSN065										0.00	0	0
SSN06: On 14/05/2028 Spot Bond					0.00000	100.00000				0.00	0	0
Total SSN066 SPOT										0.00	0	0
Total For SSN066										0.00	0	0
SSN06: On 28/05/2023 Spot Bond					0.00000	101.43290				0.00	0	0
Total SSN068 SPOT										0.00	0	0
Total For SSN068										0.00	0	0
SSN06: On 28/05/2023 Spot Bond					0.00000	101.41557				0.00	0	0
Total SSN069 SPOT										0.00	0	0
Total For SSN069										0.00	0	0
SSN07: On 28/02/2022 Spot Bond					0.00000	101.37295				0.00	0	0
Total SSN070 SPOT										0.00	0	0
Total For SSN070										0.00	0	0
SSN07: On 28/05/2028 Spot Bond			9.65000	9.65000	9.65000	101.51421				0.00	0	0
Total SSN071 SPOT										0.00	0	0
Total For SSN071										0.00	0	0
SSN07: On 04/06/2019 Spot Bond					0.00000	100.00000				0.00	0	0
Total SSN072 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For SSN072									0.00	0	0
SSN07: On 15/06/2023 Spot Bond					0.00000	100.94966			0.00	0	0
Total SSN073 SPOT									0.00	0	0
Total For SSN073									0.00	0	0
SSN07: On 15/06/2023 Spot Bond					0.00000	100.93526			0.00	0	0
Total SSN074 SPOT									0.00	0	0
Total For SSN074									0.00	0	0
SSN07: On 15/06/2028 Spot Bond					0.00000	100.00000			0.00	0	0
Total SSN075 SPOT									0.00	0	0
Total For SSN075									0.00	0	0
SSN07: On 15/06/2023 Spot Bond					0.00000	100.00000			0.00	0	0
Total SSN076 SPOT									0.00	0	0
Total For SSN076									0.00	0	0
SSN07: On 19/06/2023 Spot Bond					0.00000	100.89841			0.00	0	0
Total SSN077 SPOT									0.00	0	0
Total For SSN077									0.00	0	0
SSN07: On 13/07/2023 Spot Bond					0.00000	100.25016			0.00	0	0
Total SSN078 SPOT									0.00	0	0
Total For SSN078									0.00	0	0
SSN07: On 31/07/2021 Spot Bond					0.00000	99.87959			0.00	0	0
Total SSN079 SPOT									0.00	0	0
Total For SSN079									0.00	0	0
SSN08: On 16/08/2020 Spot Bond					0.00000	101.52745			0.00	0	0
Total SSN080 SPOT									0.00	0	0
Total For SSN080									0.00	0	0
SSN08: On 27/08/2024 Spot Bond					0.00000	101.47964			0.00	0	0
Total SSN081 SPOT									0.00	0	0
Total For SSN081									0.00	0	0
SSN08: On 12/09/2025 Spot Bond					0.00000	101.11717			0.00	0	0
Total SSN082 SPOT									0.00	0	0
Total For SSN082									0.00	0	0
SZ25 On 30/09/2025 Spot Bond			10.11500	95.17017	10.11500	95.14437		5,664,400,000,000.00	560,000,000	140,000,000	
Total SZ25 SPOT								5,664,400,000,000.00	560,000,000	140,000,000	
Total For SZ25								5,664,400,000,000.00	560,000,000	140,000,000	
T12A11 On 21/08/2019 Spot Bond					0.00000	101.81026			0.00	0	0
Total T12A11 SPOT								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For T12A11										0.00	0	0
T12A12 On 21/08/2019 Spot Bond			8.44500	102.05269	8.44500	102.02976				0.00	0	0
Total T12A12 SPOT										0.00	0	0
Total For T12A12										0.00	0	0
T13A11 On 21/08/2020 Spot Bond					0.00000	101.58918				0.00	0	0
Total T13A11 SPOT										0.00	0	0
Total For T13A11										0.00	0	0
T13A12 On 21/08/2020 Spot Bond			8.34500	105.30158	8.34500	105.27819				0.00	0	0
Total T13A12 SPOT										0.00	0	0
Total For T13A12										0.00	0	0
T13A15 On 21/08/2020 Spot Bond					0.00000	101.58566				0.00	0	0
Total T13A15 SPOT										0.00	0	0
Total For T13A15										0.00	0	0
T13A16 On 21/08/2020 Spot Bond			8.44500	104.91207	8.44500	104.88850				0.00	0	0
Total T13A16 SPOT										0.00	0	0
Total For T13A16										0.00	0	0
T13A19 On 21/08/2020 Spot Bond					0.00000	101.40104				0.00	0	0
Total T13A19 SPOT										0.00	0	0
Total For T13A19										0.00	0	0
T13A20 On 21/08/2020 Spot Bond			8.39500	103.95170	8.39500	103.92847				0.00	0	0
Total T13A20 SPOT										0.00	0	0
Total For T13A20										0.00	0	0
T13A21 On 21/08/2020 Spot Bond					0.00000	101.47528				0.00	0	0
Total T13A21 SPOT										0.00	0	0
Total For T13A21										0.00	0	0
T14A10 On 21/11/2019 Spot Bond					0.00000	101.53900				0.00	0	0
Total T14A10 SPOT										0.00	0	0
Total For T14A10										0.00	0	0
T14A11 On 21/11/2021 Spot Bond					0.00000	101.57419				0.00	0	0
Total T14A11 SPOT										0.00	0	0
Total For T14A11										0.00	0	0
T14A12 On 21/11/2021 Spot Bond			8.55000	105.50771	8.55000	105.48371				0.00	0	0
Total T14A12 SPOT										0.00	0	0
Total For T14A12										0.00	0	0
T15OM On 21/11/2018 Spot Bond					0.00000	101.40626				0.00	0	0
Total T15OM1 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For T15OM1										0.00	0	0
T15OM On 21/05/2019 Spot Bond					0.00000	101.39570				0.00	0	0
Total T15OM2 SPOT										0.00	0	0
Total For T15OM2										0.00	0	0
TFS12 On 20/03/2019 Spot Bond					0.00000	100.79433				0.00	0	0
Total TFS123 SPOT										0.00	0	0
Total For TFS123										0.00	0	0
TFS13 On 06/07/2020 Spot Bond					0.00000	100.40383				0.00	0	0
Total TFS136 SPOT										0.00	0	0
Total For TFS136										0.00	0	0
TFS13 On 27/05/2019 Spot Bond					0.00000	101.79536				0.00	0	0
Total TFS139 SPOT										0.00	0	0
Total For TFS139										0.00	0	0
TFS141 On 28/10/2019 Spot Bond					0.00000	100.34674				0.00	0	0
Total TFS141 SPOT										0.00	0	0
Total For TFS141										0.00	0	0
TFS14 On 28/10/2021 Spot Bond					0.00000	99.91202				0.00	0	0
Total TFS142 SPOT										0.00	0	0
Total For TFS142										0.00	0	0
TFS14 On 20/03/2020 Spot Bond					0.00000	101.25406				0.00	0	0
Total TFS144 SPOT										0.00	0	0
Total For TFS144										0.00	0	0
TFS14 On 20/03/2022 Spot Bond					0.00000	100.83198				0.00	0	0
Total TFS145 SPOT										0.00	0	0
Total For TFS145										0.00	0	0
TFS147 On 12/10/2020 Spot Bond					0.00000	100.56101				0.00	0	0
Total TFS147 SPOT										0.00	0	0
Total For TFS147										0.00	0	0
TFS14 On 12/10/2022 Spot Bond					0.00000	100.36522				0.00	0	0
Total TFS148 SPOT										0.00	0	0
Total For TFS148										0.00	0	0
TFS14 On 31/10/2021 Spot Bond					0.00000	99.87473				0.00	0	0
Total TFS149 SPOT										0.00	0	0
Total For TFS149										0.00	0	0
TFS15 On 16/11/2018 Spot Bond					0.00000	101.52176				0.00	0	0
Total TFS150 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TFS150										0.00	0	0
TFS151 On 30/11/2020 Spot Bond					0.00000	101.25787				0.00	0	0
Total TFS151 SPOT										0.00	0	0
Total For TFS151										0.00	0	0
TFS152 On 25/04/2019 Spot Bond					0.00000	100.04846				0.00	0	0
Total TFS152 SPOT										0.00	0	0
Total For TFS152										0.00	0	0
TFS153 On 06/07/2021 Spot Bond					0.00000	100.33404				0.00	0	0
Total TFS153 SPOT										0.00	0	0
Total For TFS153										0.00	0	0
TFS154 On 06/07/2023 Spot Bond					0.00000	100.39006				0.00	0	0
Total TFS154 SPOT										0.00	0	0
Total For TFS154										0.00	0	0
TFS155 On 03/09/2021 Spot Bond					0.00000	101.15526				0.00	0	0
Total TFS155 SPOT										0.00	0	0
Total For TFS155										0.00	0	0
TFS156 On 03/09/2023 Spot Bond					0.00000	101.17920				0.00	0	0
Total TFS156 SPOT										0.00	0	0
Total For TFS156										0.00	0	0
TH10A7 On 18/10/2038 Spot Bond					0.00000	0.00000				0.00	0	0
Total TH10A7 SPOT										0.00	0	0
Total For TH10A7										0.00	0	0
TH12A2 On 21/08/2019 Spot Bond					0.00000	101.53906				0.00	0	0
Total TH12A2 SPOT										0.00	0	0
Total For TH12A2										0.00	0	0
TH12A3 On 21/08/2019 Spot Bond			8.39500	8.39500	8.39500	102.20260				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A5 On 21/08/2019 Spot Bond					0.00000	101.57446				0.00	0	0
Total TH12A5 SPOT										0.00	0	0
Total For TH12A5										0.00	0	0
TH12A6 On 21/08/2019 Spot Bond			8.30500	101.69447	8.30500	101.67199				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A8 On 21/08/2019 Spot Bond					0.00000	101.57446				0.00	0	0
Total TH12A8 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TH12A8										0.00	0	0
TH12A: On 21/08/2019 Spot Bond			8.41500	101.38911	8.41500	101.36640				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12B: On 21/08/2019 Spot Bond					0.00000	101.65408				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B: On 21/08/2019 Spot Bond					0.00000	101.65408				0.00	0	0
Total TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B: On 21/08/2019 Spot Bond					0.00000	101.65408				0.00	0	0
Total TH12B3 SPOT										0.00	0	0
Total For TH12B3										0.00	0	0
TH12B: On 21/08/2019 Spot Bond					0.00000	101.65408				0.00	0	0
Total TH12B4 SPOT										0.00	0	0
Total For TH12B4										0.00	0	0
TH12C: On 21/08/2019 Spot Bond					0.00000	102.42199				0.00	0	0
Total TH12C1 SPOT										0.00	0	0
Total For TH12C1										0.00	0	0
TH12C: On 21/08/2019 Spot Bond					0.00000	102.42199				0.00	0	0
Total TH12C2 SPOT										0.00	0	0
Total For TH12C2										0.00	0	0
TH12C: On 21/08/2019 Spot Bond					0.00000	101.79556				0.00	0	0
Total TH12C3 SPOT										0.00	0	0
Total For TH12C3										0.00	0	0
TH12C: On 21/08/2019 Spot Bond					0.00000	101.79379				0.00	0	0
Total TH12C4 SPOT										0.00	0	0
Total For TH12C4										0.00	0	0
TH12D: On 21/08/2019 Spot Bond					0.00000	102.36950				0.00	0	0
Total TH12D1 SPOT										0.00	0	0
Total For TH12D1										0.00	0	0
TH12D: On 21/08/2019 Spot Bond					0.00000	102.36183				0.00	0	0
Total TH12D2 SPOT										0.00	0	0
Total For TH12D2										0.00	0	0
TH12D: On 21/08/2019 Spot Bond					0.00000	102.41554				0.00	0	0
Total TH12D3 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TH12D3										0.00	0	0
TH12D On 21/08/2019 Spot Bond					0.00000	102.35891				0.00	0	0
Total TH12D4 SPOT										0.00	0	0
Total For TH12D4										0.00	0	0
TH13A On 21/08/2020 Spot Bond					0.00000	101.82441				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0
TH13A On 21/08/2020 Spot Bond			8.54500	102.93074	8.54500	102.90734				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A On 21/08/2020 Spot Bond					0.00000	102.60420				0.00	0	0
Total TH13A7 SPOT										0.00	0	0
Total For TH13A7										0.00	0	0
TH13A On 21/08/2020 Spot Bond			8.43500	103.68281	8.43500	103.65953				0.00	0	0
Total TH13A8 SPOT										0.00	0	0
Total For TH13A8										0.00	0	0
TH13B On 21/08/2020 Spot Bond					0.00000	101.65396				0.00	0	0
Total TH13B1 SPOT										0.00	0	0
Total For TH13B1										0.00	0	0
TH13B On 21/08/2020 Spot Bond					0.00000	101.65572				0.00	0	0
Total TH13B2 SPOT										0.00	0	0
Total For TH13B2										0.00	0	0
TH13B On 21/08/2020 Spot Bond					0.00000	101.68228				0.00	0	0
Total TH13B3 SPOT										0.00	0	0
Total For TH13B3										0.00	0	0
TH13B On 21/08/2020 Spot Bond					0.00000	101.64715				0.00	0	0
Total TH13B4 SPOT										0.00	0	0
Total For TH13B4										0.00	0	0
TH13B On 21/08/2020 Spot Bond					0.00000	101.64865				0.00	0	0
Total TH13B5 SPOT										0.00	0	0
Total For TH13B5										0.00	0	0
TH13C On 21/08/2020 Spot Bond					0.00000	101.77771				0.00	0	0
Total TH13C1 SPOT										0.00	0	0
Total For TH13C1										0.00	0	0
TH13C On 21/08/2020 Spot Bond					0.00000	101.79185				0.00	0	0
Total TH13C2 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TH13C2										0.00	0	0
TH13C: On 21/08/2020 Spot Bond					0.00000	101.77005				0.00	0	0
Total TH13C3 SPOT										0.00	0	0
Total For TH13C3										0.00	0	0
TH13C: On 21/08/2020 Spot Bond					0.00000	101.80514				0.00	0	0
Total TH13C4 SPOT										0.00	0	0
Total For TH13C4										0.00	0	0
TH13C: On 21/08/2020 Spot Bond					0.00000	101.87491				0.00	0	0
Total TH13C5 SPOT										0.00	0	0
Total For TH13C5										0.00	0	0
TH13D: On 21/08/2020 Spot Bond					0.00000	102.36028				0.00	0	0
Total TH13D1 SPOT										0.00	0	0
Total For TH13D1										0.00	0	0
TH13D: On 21/08/2020 Spot Bond					0.00000	102.36028				0.00	0	0
Total TH13D2 SPOT										0.00	0	0
Total For TH13D2										0.00	0	0
TH13D: On 21/08/2020 Spot Bond					0.00000	102.38263				0.00	0	0
Total TH13D3 SPOT										0.00	0	0
Total For TH13D3										0.00	0	0
TH13D: On 21/08/2020 Spot Bond					0.00000	102.35644				0.00	0	0
Total TH13D4 SPOT										0.00	0	0
Total For TH13D4										0.00	0	0
TH13D: On 21/08/2020 Spot Bond					0.00000	102.39555				0.00	0	0
Total TH13D5 SPOT										0.00	0	0
Total For TH13D5										0.00	0	0
TH14A: On 21/11/2019 Spot Bond					0.00000	102.00580				0.00	0	0
Total TH14A2 SPOT										0.00	0	0
Total For TH14A2										0.00	0	0
TH14A: On 21/11/2021 Spot Bond					0.00000	101.59894				0.00	0	0
Total TH14A3 SPOT										0.00	0	0
Total For TH14A3										0.00	0	0
TH14A: On 21/11/2021 Spot Bond			8.99000	107.23857	8.99000	107.21295				0.00	0	0
Total TH14A4 SPOT										0.00	0	0
Total For TH14A4										0.00	0	0
TH14A: On 21/11/2019 Spot Bond					0.00000	101.94607				0.00	0	0
Total TH14A6 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TH14A6										0.00	0	0
TH14A: On 21/11/2021 Spot Bond					0.00000	102.94688				0.00	0	0
Total TH14A7 SPOT										0.00	0	0
Total For TH14A7										0.00	0	0
TH14A: On 21/11/2021 Spot Bond			9.04000	103.48569	9.04000	104.79195				0.00	0	0
Total TH14A8 SPOT										0.00	0	0
Total For TH14A8										0.00	0	0
TH14B: On 21/11/2021 Spot Bond					0.00000	101.70675				0.00	0	0
Total TH14B1 SPOT										0.00	0	0
Total For TH14B1										0.00	0	0
TH14B: On 21/11/2021 Spot Bond					0.00000	102.18211				0.00	0	0
Total TH14B2 SPOT										0.00	0	0
Total For TH14B2										0.00	0	0
TH14B: On 21/11/2021 Spot Bond					0.00000	101.63253				0.00	0	0
Total TH14B3 SPOT										0.00	0	0
Total For TH14B3										0.00	0	0
TH14C: On 21/11/2021 Spot Bond					0.00000	101.79508				0.00	0	0
Total TH14C1 SPOT										0.00	0	0
Total For TH14C1										0.00	0	0
TH14C: On 21/11/2021 Spot Bond					0.00000	103.33998				0.00	0	500,000,000
Total TH14C2 SPOT										0.00	0	500,000,000
Total For TH14C2										0.00	0	500,000,000
TH14C: On 21/11/2021 Spot Bond					0.00000	101.73855				0.00	0	0
Total TH14C3 SPOT										0.00	0	0
Total For TH14C3										0.00	0	0
TH14D: On 21/11/2021 Spot Bond					0.00000	102.32434				0.00	0	0
Total TH14D1 SPOT										0.00	0	0
Total For TH14D1										0.00	0	0
TH14D: On 21/11/2021 Spot Bond					0.00000	102.28733				0.00	0	0
Total TH14D2 SPOT										0.00	0	0
Total For TH14D2										0.00	0	0
TH14D: On 21/11/2021 Spot Bond					0.00000	103.49782				0.00	0	0
Total TH14D3 SPOT										0.00	0	0
Total For TH14D3										0.00	0	0
TH15A: On 21/11/2020 Spot Bond					0.00000	101.52109				0.00	0	0
Total TH15A1 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For TH15A1										0.00	0	0
TH15A: On 21/11/2022 Spot Bond					0.00000	101.55659				0.00	0	0
Total TH15A2 SPOT										0.00	0	0
Total For TH15A2										0.00	0	0
TH15A: On 21/11/2022 Spot Bond			9.82000	9.82000	9.82000	104.17470				0.00	0	0
Total TH15A3 SPOT										0.00	0	0
Total For TH15A3										0.00	0	0
TH15A: On 21/11/2020 Spot Bond					0.00000	101.51048				0.00	0	0
Total TH15A4 SPOT										0.00	0	0
Total For TH15A4										0.00	0	0
TH15A: On 21/11/2022 Spot Bond					0.00000	101.84929				0.00	0	0
Total TH15A5 SPOT										0.00	0	0
Total For TH15A5										0.00	0	0
TH15B: On 21/11/2022 Spot Bond					0.00000	101.59549				0.00	0	0
Total TH15B1 SPOT										0.00	0	0
Total For TH15B1										0.00	0	0
TH15B: On 21/11/2022 Spot Bond					0.00000	101.58134				0.00	0	0
Total TH15B2 SPOT										0.00	0	0
Total For TH15B2										0.00	0	0
TH15C: On 21/11/2022 Spot Bond					0.00000	101.67858				0.00	0	0
Total TH15C1 SPOT										0.00	0	0
Total For TH15C1										0.00	0	0
TH15C: On 21/11/2022 Spot Bond					0.00000	101.65384				0.00	0	0
Total TH15C2 SPOT										0.00	0	0
Total For TH15C2										0.00	0	0
TH15D: On 21/11/2022 Spot Bond					0.00000	102.19239				0.00	0	0
Total TH15D1 SPOT										0.00	0	0
Total For TH15D1										0.00	0	0
TH15D: On 21/11/2022 Spot Bond					0.00000	102.10419				0.00	0	0
Total TH15D2 SPOT										0.00	0	0
Total For TH15D2										0.00	0	0
TH9A1: On 18/07/2019 Spot Bond					0.00000	100.62397				0.00	0	0
Total TH9A12 SPOT										0.00	0	0
Total For TH9A12										0.00	0	0
THE9B: On 18/07/2019 Spot Bond					0.00000	100.17970				0.00	0	0
Total THE9B4 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For THE9B4										0.00	0	0
THE9C On 18/07/2019 Spot Bond					0.00000	101.70763				0.00	0	0
Total THE9C4 SPOT										0.00	0	0
Total For THE9C4										0.00	0	0
THE9D On 18/07/2019 Spot Bond					0.00000	100.83978				0.00	0	0
Total THE9D4 SPOT										0.00	0	0
Total For THE9D4										0.00	0	0
TL20 On 22/02/2020 Spot Bond			8.11500	8.11500	8.11500	101.37021				0.00	0	840,000,000
Total TL20 SPOT										0.00	0	840,000,000
Total For TL20										0.00	0	840,000,000
TL20/R On 22/02/2020 Spot Bond			100.00000	47.06608	100.00000	46.97678				0.00	0	0
TL20/R On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700				0.00	0	0
Total TL20/R207 SPOT										0.00	0	0
Total For TL20/R207										0.00	0	0
TL21U On 09/12/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TL21U SPOT										0.00	0	0
Total For TL21U										0.00	0	0
TL22 On 04/03/2021 Spot Bond					0.00000	101.19297				0.00	0	0
Total TL22 SPOT										0.00	0	0
Total For TL22										0.00	0	0
TL23 On 05/09/2022 Spot Bond					0.00000	101.20499				0.00	0	0
Total TL23 SPOT										0.00	0	0
Total For TL23										0.00	0	0
TL24 On 05/09/2022 Spot Bond			9.68500	99.21551	9.68500	99.18960				0.00	0	0
Total TL24 SPOT										0.00	0	0
Total For TL24										0.00	0	0
TL25 On 04/09/2024 Spot Bond			10.19500	98.64440	10.19500	98.61730				0.00	0	60,000,000
Total TL25 SPOT										0.00	0	60,000,000
Total For TL25										0.00	0	60,000,000
TL26 On 25/11/2024 Spot Bond					0.00000	101.46855				0.00	0	0
Total TL26 SPOT										0.00	0	0
Total For TL26										0.00	0	0
TL27 On 24/04/2023 Spot Bond					0.00000	100.02150				0.00	0	0
Total TL27 SPOT										0.00	0	0
Total For TL27										0.00	0	0
TL28 On 24/04/2025 Spot Bond			10.41500	94.78799	10.41500	94.76155				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total TL28 SPOT									0.00	0	0
Total For TL28									0.00	0	0
TL29 On 24/04/2025 Spot Bond					0.00000	100.02219			0.00	0	0
Total TL29 SPOT									0.00	0	0
Total For TL29									0.00	0	0
TLC05 On 22/09/2019 Spot Bond					0.00000	100.66227			0.00	0	0
Total TLC05 SPOT									0.00	0	0
Total For TLC05									0.00	0	0
TLC06 On 22/03/2019 Spot Bond					0.00000	100.69300			0.00	0	0
Total TLC06 SPOT									0.00	0	0
Total For TLC06									0.00	0	0
TN20 On 17/09/2020 Spot Bond			8.94000	103.77344	8.94000	103.74837		792,978,000,000,000.00	88,700,000,000	32,393,000,000	
Total TN20 SPOT								12,978,000,000,000.00	88,700,000,000	32,393,000,000	
Total For TN20								12,978,000,000,000.00	88,700,000,000	32,393,000,000	
TN20/R On 17/09/2020 Spot Bond			100.00000	30.75163	100.00000	30.68281		0.00	0	0	
Total TN20/R208 SPOT								0.00	0	0	
Total For TN20/R208								0.00	0	0	
TN20U On 14/04/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000		0.00	0	0	
Total TN20U SPOT								0.00	0	0	
Total For TN20U								0.00	0	0	
TN21U On 13/05/2021 Spot Bond			100.00000	25.15007	100.00000	25.09471		0.00	0	0	
Total TN21U SPOT								0.00	0	0	
Total For TN21U								0.00	0	0	
TN23 On 06/11/2023 Spot Bond			10.00500	108.15294	10.00500	108.12426		313,356,600,000,000.00	31,320,000,000	16,030,000,000	
Total TN23 SPOT								13,356,600,000,000.00	31,320,000,000	16,030,000,000	
Total For TN23								13,356,600,000,000.00	31,320,000,000	16,030,000,000	
TN23/R On 06/11/2023 Spot Bond			100.00000	17.32185	100.00000	17.28373		0.00	0	0	
Total TN23/R2023 SPOT								0.00	0	0	
Total For TN23/R2023								0.00	0	0	
TN25 On 19/08/2025 Spot Bond			10.97000	94.79737	10.97000	94.76987		896,468,400,000,000.00	81,720,000,000	27,331,100,000	
Total TN25 SPOT								16,468,400,000,000.00	81,720,000,000	27,331,100,000	
Total For TN25								16,468,400,000,000.00	81,720,000,000	27,331,100,000	
TN25/R On 19/08/2025 Spot Bond			100.00000	11.39584	100.00000	11.37076		0.00	0	0	
Total TN25/R186 SPOT								0.00	0	0	
Total For TN25/R186								0.00	0	0	
TN27 On 14/11/2027 Spot Bond			11.03500	91.94954	11.03500	91.92270		30,898,000,000,000.00	2,800,000,000	1,300,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total TN27 SPOT									10,898,000,000,000.00	2,800,000,000	1,300,000,000
Total For TN27									10,898,000,000,000.00	2,800,000,000	1,300,000,000
TN27/R On 14/11/2027 Spot Bond			100.00000	12.86171	100.00000	12.83339			0.00	0	0
Total TN27/R186 SPOT									0.00	0	0
Total For TN27/R186									0.00	0	0
TN30 On 09/10/2030 Spot Bond			11.46000	94.31213	11.46000	94.28326			304,377,600,000,000.00	26,560,000,000	13,620,000,000
Total TN30 SPOT									14,377,600,000,000.00	26,560,000,000	13,620,000,000
Total For TN30									14,377,600,000,000.00	26,560,000,000	13,620,000,000
TN30/R On 09/10/2030 Spot Bond			8.00000	119.49567	8.00000	119.46992			0.00	0	0
Total TN30/R2030 SPOT									0.00	0	0
Total For TN30/R2030									0.00	0	0
TN40 On 09/10/2040 Spot Bond			12.07500	90.35228	12.07500	90.32319			212,520,000,000,000.00	17,600,000,000	8,800,000,000
Total TN40 SPOT									12,520,000,000,000.00	17,600,000,000	8,800,000,000
Total For TN40									12,520,000,000,000.00	17,600,000,000	8,800,000,000
TN40/R On 09/10/2040 Spot Bond			10.75000	100.49023	10.75000	100.46132			0.00	0	0
Total TN40/R214 SPOT									0.00	0	0
Total For TN40/R214									0.00	0	0
TPDA0 On 25/11/2020 Spot Bond			10.00000	111.85600	10.00000	111.82700			0.00	0	0
Total TPDA01/JIBAR SPOT									0.00	0	0
Total For TPDA01/JIBAR									0.00	0	0
TPDA0 On 10/04/2019 Spot Bond					0.00000	100.48062			0.00	0	0
Total TPDA05 SPOT									0.00	0	0
Total For TPDA05									0.00	0	0
TPDA0 On 30/11/2018 Spot Bond					0.00000	101.35508			0.00	0	0
Total TPDA06 SPOT									0.00	0	0
Total For TPDA06									0.00	0	0
TPDA0 On 30/11/2020 Spot Bond			9.30000	104.21403	9.30000	104.18829			0.00	0	0
Total TPDA08 SPOT									0.00	0	0
Total For TPDA08									0.00	0	0
TRA2A On 14/12/2020 Spot Bond					0.00000	101.01383			0.00	0	0
Total TRA2A2 SPOT									0.00	0	0
Total For TRA2A2									0.00	0	0
TRA2A On 14/12/2020 Spot Bond			8.69500	105.38248	8.69500	105.35798			0.00	0	0
Total TRA2A3 SPOT									0.00	0	0
Total For TRA2A3									0.00	0	0
TRA2A On 14/12/2020 Spot Bond					0.00000	101.01383			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TRA2A5 SPOT										0.00	0	0
Total For TRA2A5										0.00	0	0
TRA2A: On 14/12/2020 Spot Bond			8.49500	8.49500	8.49500	105.79204				0.00	0	0
Total TRA2A6 SPOT										0.00	0	0
Total For TRA2A6										0.00	0	0
TRA2B: On 14/12/2020 Spot Bond					0.00000	101.08588				0.00	0	0
Total TRA2B1 SPOT										0.00	0	0
Total For TRA2B1										0.00	0	0
TRA2B: On 14/12/2020 Spot Bond					0.00000	101.11358				0.00	0	0
Total TRA2B2 SPOT										0.00	0	0
Total For TRA2B2										0.00	0	0
TRA2C: On 14/12/2020 Spot Bond					0.00000	101.22979				0.00	0	0
Total TRA2C1 SPOT										0.00	0	0
Total For TRA2C1										0.00	0	0
TRA2C: On 14/12/2020 Spot Bond					0.00000	101.27401				0.00	0	0
Total TRA2C2 SPOT										0.00	0	0
Total For TRA2C2										0.00	0	0
TRA2D: On 14/12/2020 Spot Bond					0.00000	101.56089				0.00	0	0
Total TRA2D1 SPOT										0.00	0	0
Total For TRA2D1										0.00	0	0
TRA2D: On 14/12/2020 Spot Bond					0.00000	101.56089				0.00	0	0
Total TRA2D2 SPOT										0.00	0	0
Total For TRA2D2										0.00	0	0
TRA3A: On 14/11/2018 Spot Bond					0.00000	101.55532				0.00	0	0
Total TRA3A1 SPOT										0.00	0	0
Total For TRA3A1										0.00	0	0
TRA3A: On 14/11/2020 Spot Bond					0.00000	101.70235				0.00	0	0
Total TRA3A2 SPOT										0.00	0	0
Total For TRA3A2										0.00	0	0
TRA3A: On 14/11/2022 Spot Bond					0.00000	101.74566				0.00	0	0
Total TRA3A3 SPOT										0.00	0	0
Total For TRA3A3										0.00	0	0
TRA3A: On 14/11/2022 Spot Bond			9.59500	102.10788	9.59500	102.07816				0.00	0	0
Total TRA3A4 SPOT										0.00	0	0
Total For TRA3A4										0.00	0	0
TRA3A: On 14/05/2019 Spot Bond					0.00000	101.55734				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TRA3A5 SPOT										0.00	0	0
Total For TRA3A5										0.00	0	0
TRA3A1 On 14/11/2020 Spot Bond					0.00000	101.69254				0.00	0	0
Total TRA3A6 SPOT										0.00	0	0
Total For TRA3A6										0.00	0	0
TRA3A7 On 14/11/2022 Spot Bond					0.00000	101.72996				0.00	0	0
Total TRA3A7 SPOT										0.00	0	0
Total For TRA3A7										0.00	0	0
TRA3B On 14/11/2022 Spot Bond					0.00000	102.02811				0.00	0	0
Total TRA3B1 SPOT										0.00	0	0
Total For TRA3B1										0.00	0	0
TRA3B1 On 14/11/2022 Spot Bond					0.00000	101.98693				0.00	0	0
Total TRA3B2 SPOT										0.00	0	0
Total For TRA3B2										0.00	0	0
TRAA2 On 14/06/2019 Spot Bond					0.00000	101.00347				0.00	0	0
Total TRAA2 SPOT										0.00	0	0
Total For TRAA2										0.00	0	0
TRAA41 On 14/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRAA4U SPOT										0.00	0	0
Total For TRAA4U										0.00	0	0
TRAB1 On 14/06/2019 Spot Bond					0.00000	101.23951				0.00	0	0
Total TRAB1 SPOT										0.00	0	0
Total For TRAB1										0.00	0	0
TRAB21 On 14/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRAB2U SPOT										0.00	0	0
Total For TRAB2U										0.00	0	0
TRAC1 On 14/06/2019 Spot Bond					0.00000	101.03064				0.00	0	0
Total TRAC1 SPOT										0.00	0	0
Total For TRAC1										0.00	0	0
TRAC2 On 14/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRAC2U SPOT										0.00	0	0
Total For TRAC2U										0.00	0	0
TRAD1 On 14/06/2019 Spot Bond					0.00000	102.04219				0.00	0	0
Total TRAD1 SPOT										0.00	0	0
Total For TRAD1										0.00	0	0
TRAD2 On 14/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TRAD2U SPOT										0.00	0	0
Total For TRAD2U										0.00	0	0
TRAE1 On 14/06/2019 Spot Bond					0.00000	102.83094				0.00	0	0
Total TRAE1 SPOT										0.00	0	0
Total For TRAE1										0.00	0	0
TRAE2 On 14/06/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRAE2U SPOT										0.00	0	0
Total For TRAE2U										0.00	0	0
TRQ11 On 15/05/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRQ11U SPOT										0.00	0	0
Total For TRQ11U										0.00	0	0
TRQ12 On 15/05/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRQ12U SPOT										0.00	0	0
Total For TRQ12U										0.00	0	0
TRQ13 On 15/05/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRQ13U SPOT										0.00	0	0
Total For TRQ13U										0.00	0	0
TRQ14 On 15/05/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TRQ14U SPOT										0.00	0	0
Total For TRQ14U										0.00	0	0
TSE01 On 31/07/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TSE01U SPOT										0.00	0	0
Total For TSE01U										0.00	0	0
TSE03 On 31/10/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TSE03U SPOT										0.00	0	0
Total For TSE03U										0.00	0	0
TTO01 On 28/08/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TTO01U SPOT										0.00	0	0
Total For TTO01U										0.00	0	0
TUHF0 On 26/01/2020 Spot Bond					0.00000	99.97345				0.00	0	0
Total TUHF01 SPOT										0.00	0	0
Total For TUHF01										0.00	0	0
TWC27 On 24/10/2018 Spot Bond					0.00000	0.00000				0.00	0	0
Total TWC276 SPOT										0.00	0	0
Total For TWC276										0.00	0	0
TWC27 On 29/10/2018 Spot Bond					0.00000	101.74992				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TWC277 SPOT										0.00	0	0
Total For TWC277										0.00	0	0
TWC27 On 14/11/2018 Spot Bond					0.00000	101.45248				0.00	0	0
Total TWC278 SPOT										0.00	0	0
Total For TWC278										0.00	0	0
TWC27 On 16/11/2018 Spot Bond					0.00000	101.40987				0.00	0	0
Total TWC279 SPOT										0.00	0	0
Total For TWC279										0.00	0	0
TWC28 On 27/11/2018 Spot Bond					0.00000	101.20716				0.00	0	0
Total TWC280 SPOT										0.00	0	0
Total For TWC280										0.00	0	0
TWC28 On 09/10/2019 Spot Bond					0.00000	100.30727				0.00	0	0
Total TWC281 SPOT										0.00	0	0
Total For TWC281										0.00	0	0
TWC28 On 14/01/2019 Spot Bond					0.00000	100.26630				0.00	0	0
Total TWC282 SPOT										0.00	0	0
Total For TWC282										0.00	0	0
TWC28 On 21/01/2019 Spot Bond					0.00000	100.14355				0.00	0	0
Total TWC283 SPOT										0.00	0	0
Total For TWC283										0.00	0	0
TWC28 On 24/01/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total TWC284 SPOT										0.00	0	0
Total For TWC284										0.00	0	0
UG21 On 02/03/2021 Spot Bond			9.46800	104.11352	9.46800	104.08692				0.00	0	54,000,000
Total UG21 SPOT										0.00	0	54,000,000
Total For UG21										0.00	0	54,000,000
UG26 On 09/03/2026 Spot Bond			11.04500	102.75227	11.04500	102.72176				0.00	0	0
Total UG26 SPOT										0.00	0	0
Total For UG26										0.00	0	0
VCJA1L On 20/07/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJA1U SPOT										0.00	0	0
Total For VCJA1U										0.00	0	0
VCJA2L On 20/10/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJA2U SPOT										0.00	0	0
Total For VCJA2U										0.00	0	0
VCJA3L On 20/01/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total VCJA3U SPOT										0.00	0	0
Total For VCJA3U										0.00	0	0
VCJA4L On 20/04/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJA4U SPOT										0.00	0	0
Total For VCJA4U										0.00	0	0
VCJA5L On 20/07/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJA5U SPOT										0.00	0	0
Total For VCJA5U										0.00	0	0
VCJA6L On 20/10/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJA6U SPOT										0.00	0	0
Total For VCJA6U										0.00	0	0
VCJA7L On 20/01/2027 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJA7U SPOT										0.00	0	0
Total For VCJA7U										0.00	0	0
VCJB1L On 20/07/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB1U SPOT										0.00	0	0
Total For VCJB1U										0.00	0	0
VCJB2L On 20/10/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB2U SPOT										0.00	0	0
Total For VCJB2U										0.00	0	0
VCJB3L On 20/01/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB3U SPOT										0.00	0	0
Total For VCJB3U										0.00	0	0
VCJB4L On 20/04/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB4U SPOT										0.00	0	0
Total For VCJB4U										0.00	0	0
VCJB5L On 20/07/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB5U SPOT										0.00	0	0
Total For VCJB5U										0.00	0	0
VCJB6L On 20/10/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB6U SPOT										0.00	0	0
Total For VCJB6U										0.00	0	0
VCJB7L On 20/01/2027 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCJB7U SPOT										0.00	0	0
Total For VCJB7U										0.00	0	0
VCPA1L On 20/07/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total VCPA1U SPOT										0.00	0	0
Total For VCPA1U										0.00	0	0
VCPA2I On 20/10/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPA2U SPOT										0.00	0	0
Total For VCPA2U										0.00	0	0
VCPA3I On 20/01/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPA3U SPOT										0.00	0	0
Total For VCPA3U										0.00	0	0
VCPA4I On 20/04/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPA4U SPOT										0.00	0	0
Total For VCPA4U										0.00	0	0
VCPA5I On 20/07/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPA5U SPOT										0.00	0	0
Total For VCPA5U										0.00	0	0
VCPA6I On 20/10/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPA6U SPOT										0.00	0	0
Total For VCPA6U										0.00	0	0
VCPA7I On 20/01/2027 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPA7U SPOT										0.00	0	0
Total For VCPA7U										0.00	0	0
VCPB1 On 20/07/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPB1U SPOT										0.00	0	0
Total For VCPB1U										0.00	0	0
VCPB2 On 20/10/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPB2U SPOT										0.00	0	0
Total For VCPB2U										0.00	0	0
VCPB3 On 20/01/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPB3U SPOT										0.00	0	0
Total For VCPB3U										0.00	0	0
VCPB4 On 20/04/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPB4U SPOT										0.00	0	0
Total For VCPB4U										0.00	0	0
VCPB5 On 20/07/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPB5U SPOT										0.00	0	0
Total For VCPB5U										0.00	0	0
VCPB6 On 20/10/2026 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total VCPB6U SPOT										0.00	0	0
Total For VCPB6U										0.00	0	0
VCPB7 On 20/01/2027 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VCPB7U SPOT										0.00	0	0
Total For VCPB7U										0.00	0	0
VJA03L On 20/10/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA03U SPOT										0.00	0	0
Total For VJA03U										0.00	0	0
VJA04L On 20/01/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA04U SPOT										0.00	0	0
Total For VJA04U										0.00	0	0
VJA05L On 20/04/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA05U SPOT										0.00	0	0
Total For VJA05U										0.00	0	0
VJA06L On 20/07/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA06U SPOT										0.00	0	0
Total For VJA06U										0.00	0	0
VJA07L On 20/10/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA07U SPOT										0.00	0	0
Total For VJA07U										0.00	0	0
VJA08L On 20/01/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA08U SPOT										0.00	0	0
Total For VJA08U										0.00	0	0
VJA09L On 20/04/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJA09U SPOT										0.00	0	0
Total For VJA09U										0.00	0	0
VJB03L On 20/10/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJB03U SPOT										0.00	0	0
Total For VJB03U										0.00	0	0
VJB04L On 20/01/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJB04U SPOT										0.00	0	0
Total For VJB04U										0.00	0	0
VJB05L On 20/04/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJB05U SPOT										0.00	0	0
Total For VJB05U										0.00	0	0
VJB06L On 20/07/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total VJB06U SPOT										0.00	0	0
Total For VJB06U										0.00	0	0
VJB07L On 20/10/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJB07U SPOT										0.00	0	0
Total For VJB07U										0.00	0	0
VJB08L On 20/01/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJB08U SPOT										0.00	0	0
Total For VJB08U										0.00	0	0
VJB09L On 20/04/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VJB09U SPOT										0.00	0	0
Total For VJB09U										0.00	0	0
VKC24 On 20/02/2019 Spot Bond					0.00000	101.48194				0.00	0	0
Total VKC24 SPOT										0.00	0	0
Total For VKC24										0.00	0	0
VKC27 On 05/12/2018 Spot Bond					0.00000	101.01479				0.00	0	0
Total VKC27 SPOT										0.00	0	0
Total For VKC27										0.00	0	0
VKE07 On 08/06/2020 Spot Bond					0.00000	101.08521				0.00	0	0
Total VKE07 SPOT										0.00	0	0
Total For VKE07										0.00	0	0
VKE08 On 29/03/2019 Spot Bond					0.00000	100.76020				0.00	0	0
Total VKE08 SPOT										0.00	0	0
Total For VKE08										0.00	0	0
VKE09 On 08/07/2020 Spot Bond					0.00000	100.94288				0.00	0	0
Total VKE09 SPOT										0.00	0	0
Total For VKE09										0.00	0	0
VKE10 On 08/07/2022 Spot Bond					0.00000	100.41655				0.00	0	0
Total VKE10 SPOT										0.00	0	0
Total For VKE10										0.00	0	0
VKE11 On 20/04/2023 Spot Bond					0.00000	100.01448				0.00	0	0
Total VKE11 SPOT										0.00	0	0
Total For VKE11										0.00	0	0
VKE12 On 03/05/2021 Spot Bond					0.00000	99.98070				0.00	0	0
Total VKE12 SPOT										0.00	0	0
Total For VKE12										0.00	0	0
VKE13 On 27/08/2021 Spot Bond					0.00000	101.39866				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total VKE13 SPOT										0.00	0	0
Total For VKE13										0.00	0	0
VKE14 On 27/08/2023 Spot Bond					0.00000	101.41461				0.00	0	0
Total VKE14 SPOT										0.00	0	0
Total For VKE14										0.00	0	0
VPA03L On 20/10/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA03U SPOT										0.00	0	0
Total For VPA03U										0.00	0	0
VPA04L On 20/01/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA04U SPOT										0.00	0	0
Total For VPA04U										0.00	0	0
VPA05L On 20/04/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA05U SPOT										0.00	0	0
Total For VPA05U										0.00	0	0
VPA06L On 20/07/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA06U SPOT										0.00	0	0
Total For VPA06U										0.00	0	0
VPA07L On 20/10/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA07U SPOT										0.00	0	0
Total For VPA07U										0.00	0	0
VPA08L On 20/01/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA08U SPOT										0.00	0	0
Total For VPA08U										0.00	0	0
VPA09L On 20/04/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPA09U SPOT										0.00	0	0
Total For VPA09U										0.00	0	0
VPB03L On 20/10/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPB03U SPOT										0.00	0	0
Total For VPB03U										0.00	0	0
VPB04L On 20/01/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPB04U SPOT										0.00	0	0
Total For VPB04U										0.00	0	0
VPB05L On 20/04/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPB05U SPOT										0.00	0	0
Total For VPB05U										0.00	0	0
VPB06L On 20/07/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total VPB06U SPOT										0.00	0	0
Total For VPB06U										0.00	0	0
VPB07L On 20/10/2024 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPB07U SPOT										0.00	0	0
Total For VPB07U										0.00	0	0
VPB08L On 20/01/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPB08U SPOT										0.00	0	0
Total For VPB08U										0.00	0	0
VPB09L On 20/04/2025 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VPB09U SPOT										0.00	0	0
Total For VPB09U										0.00	0	0
VR714L On 25/01/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VR714U SPOT										0.00	0	0
Total For VR714U										0.00	0	0
VR834L On 25/10/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VR834U SPOT										0.00	0	0
Total For VR834U										0.00	0	0
VR835L On 26/10/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VR835U SPOT										0.00	0	0
Total For VR835U										0.00	0	0
VR836L On 28/11/2018 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VR836U SPOT										0.00	0	0
Total For VR836U										0.00	0	0
VR837L On 18/01/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total VR837U SPOT										0.00	0	0
Total For VR837U										0.00	0	0
VRI712 On 11/12/2018 Spot Bond					0.00000	100.95395				0.00	0	0
Total VRI712 SPOT										0.00	0	0
Total For VRI712										0.00	0	0
WHL01 On 10/10/2020 Spot Bond					0.00000	100.74776				0.00	0	0
Total WHL01 SPOT										0.00	0	0
Total For WHL01										0.00	0	0
WHL01 On 27/10/2020 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total WHL01U SPOT										0.00	0	0
Total For WHL01U										0.00	0	0
WHL02 On 02/10/2021 Spot Bond					0.00000	100.53396				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total WHL02 SPOT										0.00	0	0
Total For WHL02										0.00	0	0
WHL02 On 27/10/2022 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total WHL02U SPOT										0.00	0	0
Total For WHL02U										0.00	0	0
WHL03 On 02/10/2023 Spot Bond					0.00000	100.54585				0.00	0	0
Total WHL03 SPOT										0.00	0	0
Total For WHL03										0.00	0	0
WHL03 On 18/06/2021 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total WHL03U SPOT										0.00	0	0
Total For WHL03U										0.00	0	0
WHL04 On 18/06/2023 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total WHL04U SPOT										0.00	0	0
Total For WHL04U										0.00	0	0
WRS2L On 25/11/2019 Spot Bond			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total WRS2U SPOT										0.00	0	0
Total For WRS2U										0.00	0	0
WSP3 On 28/05/2019 Spot Bond			6.59500	105.05109	6.59500	105.03256				0.00	0	0
Total WSP3 SPOT										0.00	0	0
Total For WSP3										0.00	0	0
WSP4 On 28/05/2020 Spot Bond			7.43500	105.98711	7.43500	105.96608				0.00	0	0
Total WSP4 SPOT										0.00	0	0
Total For WSP4										0.00	0	0
WSP5 On 28/05/2021 Spot Bond			8.51500	104.78532	8.51500	104.76157				0.00	0	0
Total WSP5 SPOT										0.00	0	0
Total For WSP5										0.00	0	0
WSP5/f On 28/05/2021 Spot Bond			100.00000	23.69617	100.00000	23.64401				0.00	0	0
Total WSP5/R203 SPOT										0.00	0	0
Total For WSP5/R203										0.00	0	0
Z083 On 30/09/2019 Spot Bond			5.98000	94.67773	5.98000	94.66232				0.00	0	0
Total Z083 SPOT										0.00	0	0
Total For Z083										0.00	0	0
Total for SPOT										1.87e+017	390,791,012,089	332,787,088,032
Total for SPOT :										1.87e+017	390,791,012,089	332,787,088,032

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total Futures									1.87e+017	390,791,548,456	332,788,194,674
Total Options									0.00	0	80,160
Grand Total:									1.87e+017	390,791,548,456	332,788,274,834