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INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 19/09/2017

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 02/11/2017 Bond Future			10.67503	77.05454	10.64558	77.23682			0.00	0	9,466
ES33 On 01/02/2018 Bond Future			10.77708	78.47143	10.74664	78.65680			0.00	0	0
ES33 On 03/05/2018 Bond Future			10.87675	76.14091	10.84526	76.32969			0.00	0	0
Total ES33 Future									0.00	0	9,466
ES33 On 02/11/2017 Bond Future	10.66	Put			0.00000	0.00000	92,940		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.67	Call			151.20000	0.15120	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.67	Put			0.00000	0.00000	31,080		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.68	Call			212.98000	0.21298	30,700		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.68	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.66	Call			89.34000	0.08934	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.00	Call			1,522.54000	1.52254	1,337,170		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.00	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Call			1,581.69000	1.58169	1,396,320		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Call			1,463.31000	1.46331	1,277,940		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 03/05/2018 Bond Future	11.20	Call			2,086.60000	2.08660	1,897,820		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
ES33	On	03/05/2018	Bond Future	11.20	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/05/2018	Bond Future	11.21	Call			2,144.17000	2.14417	1,955,390		0.00	0	0
ES33	On	03/05/2018	Bond Future	11.21	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/05/2018	Bond Future	11.22	Call			2,201.67000	2.20167	2,012,890		0.00	0	0
ES33	On	03/05/2018	Bond Future	11.22	Put			0.00000	0.00000	0,000		0.00	0	0
Total ES33 Option												0.00	0	0
Total For ES33												0.00	0	9,466
ES42	On	02/11/2017	Bond Future			10.96027	79.49883	10.93083	79.70357			0.00	0	7,957
ES42	On	01/02/2018	Bond Future			11.06018	80.96056	11.02976	81.16881			0.00	0	0
ES42	On	03/05/2018	Bond Future			11.16277	78.20655	11.13126	78.41872			0.00	0	0
Total ES42 Future												0.00	0	7,957
Total For ES42												0.00	0	7,957
I2025	On	02/11/2017	Bond Future			130.06173	130.06173	129.98294	129.98294			0.00	0	914
I2025	On	01/02/2018	Bond Future			131.16207	131.16207	131.08156	131.08156			0.00	0	0
I2025	On	03/05/2018	Bond Future			133.65607	133.65607	133.57403	133.57403			0.00	0	0
Total I2025 Future												0.00	0	914
I2025	On	02/11/2017	Bond Future	132.98	Put			2,997.06000	2.99706	2,918,270		0.00	0	0
I2025	On	02/11/2017	Bond Future	132.96	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	02/11/2017	Bond Future	132.96	Put			2,977.06000	2.97706	2,898,270		0.00	0	0
I2025	On	02/11/2017	Bond Future	132.97	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	02/11/2017	Bond Future	132.97	Put			2,987.06000	2.98706	2,908,270		0.00	0	0
I2025	On	02/11/2017	Bond Future	132.98	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	01/02/2018	Bond Future	133.89	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	01/02/2018	Bond Future	133.89	Put			2,808.44000	2.80844	2,727,930		0.00	0	0
I2025	On	01/02/2018	Bond Future	133.90	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	01/02/2018	Bond Future	133.90	Put			2,818.44000	2.81844	2,737,930		0.00	0	0
I2025	On	01/02/2018	Bond Future	133.88	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	01/02/2018	Bond Future	133.88	Put			2,798.44000	2.79844	2,717,930		0.00	0	0
I2025	On	03/05/2018	Bond Future	133.21	Call			364.03000	0.36403	446,070		0.00	0	0
I2025	On	03/05/2018	Bond Future	133.21	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	03/05/2018	Bond Future	133.22	Call			354.03000	0.35403	436,070		0.00	0	0
I2025	On	03/05/2018	Bond Future	133.22	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	03/05/2018	Bond Future	133.20	Call			374.03000	0.37403	456,070		0.00	0	0
I2025	On	03/05/2018	Bond Future	133.20	Put			0.00000	0.00000	0,000		0.00	0	0
Total I2025 Option												0.00	0	0
Total For I2025												0.00	0	914
I2029	On	02/11/2017	Bond Future			100.13194	100.13194	100.24149	100.24149			0.00	0	1,370
I2029	On	01/02/2018	Bond Future			102.00892	102.00892	102.12031	102.12031			0.00	0	0
I2029	On	03/05/2018	Bond Future			102.93152	102.93152	103.04505	103.04505			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 I2029 Future												0.00	0	1,370
Total For I2029												0.00	0	1,370
I2033	On	02/11/2017	Bond Future			104.48175	104.48175	104.62665	104.62665			0.00	0	5,174
I2033	On	01/02/2018	Bond Future			106.44034	106.44034	106.58775	106.58775			0.00	0	0
I2033	On	03/05/2018	Bond Future			107.37746	107.37746	107.52767	107.52767			0.00	0	0
Total I2033 Future												0.00	0	5,174
I2033	On	02/11/2017	Bond Future	110.08	Put			5,453.35000	5.45335	5,598,250		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.09	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.09	Put			5,463.35000	5.46335	5,608,250		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.07	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.07	Put			5,443.35000	5.44335	5,588,250		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.08	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.65	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.65	Put			3,062.25000	3.06225	3,209,660		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.66	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.66	Put			3,072.25000	3.07225	3,219,660		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.64	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.64	Put			3,052.25000	3.05225	3,199,660		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.70	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.70	Put			172.33000	0.17233	322,540		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.71	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.71	Put			182.33000	0.18233	332,540		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.69	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.69	Put			162.33000	0.16233	312,540		0.00	0	0
Total I2033 Option												0.00	0	0
Total For I2033												0.00	0	5,174
I2038	On	02/11/2017	Bond Future			128.82975	128.82975	128.83881	128.83881			0.00	0	19,544
I2038	On	01/02/2018	Bond Future			129.73984	129.73984	129.74872	129.74872			0.00	0	0
I2038	On	03/05/2018	Bond Future			132.20678	132.20678	132.21582	132.21582			0.00	0	0
Total I2038 Future												0.00	0	19,544
I2038	On	02/11/2017	Bond Future	136.80	Put			7,961.19000	7.96119	7,970,250		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.81	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.81	Put			7,971.19000	7.97119	7,980,250		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.82	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.82	Put			7,981.19000	7.98119	7,990,250		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.80	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.94	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.94	Put			7,191.28000	7.19128	7,200,160		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.95	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.95	Put			7,201.28000	7.20128	7,210,160		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
I2038	On	01/02/2018	Bond Future	136.93	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.93	Put			7,181.28000	7.18128	7,190,160		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.29	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.29	Put			74.18000	0.07418	83,220		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.27	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.27	Put			54.18000	0.05418	63,220		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.28	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.28	Put			64.18000	0.06418	73,220		0.00	0	0
Total I2038 Option												0.00	0	0
Total For I2038												0.00	0	19,544
I2046	On	02/11/2017	Bond Future			124.17552	124.17552	123.93279	123.93279			0.00	0	21,292
I2046	On	01/02/2018	Bond Future			126.50327	126.50327	126.25561	126.25561			0.00	0	0
I2046	On	03/05/2018	Bond Future			127.31053	127.31053	127.05824	127.05824			0.00	0	0
Total I2046 Future												0.00	0	21,292
I2046	On	02/11/2017	Bond Future	136.31	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	02/11/2017	Bond Future	136.31	Put			12,377.21000	12.37721	12,134,480		0.00	0	0
I2046	On	02/11/2017	Bond Future	136.32	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	02/11/2017	Bond Future	136.32	Put			12,387.21000	12.38721	12,144,480		0.00	0	0
I2046	On	02/11/2017	Bond Future	136.30	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	02/11/2017	Bond Future	136.30	Put			12,367.21000	12.36721	12,124,480		0.00	0	0
I2046	On	01/02/2018	Bond Future	132.90	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	01/02/2018	Bond Future	132.90	Put			6,644.39000	6.64439	6,396,730		0.00	0	0
I2046	On	01/02/2018	Bond Future	132.91	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	01/02/2018	Bond Future	132.91	Put			6,654.39000	6.65439	6,406,730		0.00	0	0
I2046	On	01/02/2018	Bond Future	132.92	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	01/02/2018	Bond Future	132.92	Put			6,664.39000	6.66439	6,416,730		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.94	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.94	Put			881.76000	0.88176	629,470		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.95	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.95	Put			891.76000	0.89176	639,470		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.93	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.93	Put			871.76000	0.87176	619,470		0.00	0	0
Total I2046 Option												0.00	0	0
Total For I2046												0.00	0	21,292
I2050	On	02/11/2017	Bond Future			132.25982	132.25982	132.26861	132.26861			10,845,305.24	82	22,417
I2050	On	01/02/2018	Bond Future			133.06575	133.06575	133.07462	133.07462			0.00	0	0
I2050	On	03/05/2018	Bond Future			135.59591	135.59591	135.60492	135.60492			0.00	0	0
Total I2050 Future												10,845,305.24	82	22,417
I2050	On	02/11/2017	Bond Future	144.66	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	02/11/2017	Bond Future	144.66	Put			12,391.39000	12.39139	12,400,180		0.00	0	0

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I2050	On	02/11/2017	Bond Future	144.67	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	02/11/2017	Bond Future	144.67	Put			12,401.39000	12.40139	12,410,180		0.00	0	0
I2050	On	02/11/2017	Bond Future	144.65	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	02/11/2017	Bond Future	144.65	Put			12,381.39000	12.38139	12,390,180		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.24	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.24	Put			7,165.38000	7.16538	7,174,250		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.25	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.25	Put			7,175.38000	7.17538	7,184,250		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.23	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.23	Put			7,155.38000	7.15538	7,164,250		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.62	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.62	Put			15.08000	0.01508	24,090		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.63	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.63	Put			25.08000	0.02508	34,090		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.61	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.61	Put			5.08000	0.00508	14,090		0.00	0	0
Total I2050 Option												0.00	0	0
Total For I2050												10,845,305.24	82	22,417
R186	On	02/11/2017	Bond Future			8.44108	116.88416	8.40576	117.12473		7.44	520,952,701.12	4,457	141,396
R186	On	01/02/2018	Bond Future			8.48300	113.73345	8.44622	113.97812		7.12	0.00	0	198
R186	On	03/05/2018	Bond Future			8.52450	115.85094	8.48613	116.10005		7.20	0.00	0	0
Total R186 Future												520,952,701.12	4,457	141,594
R186	On	02/11/2017	Bond Future	8.89	Call			3,478.09000	3.47809	3,266,020	7.66	0.00	0	0
R186	On	02/11/2017	Bond Future	8.89	Put			238.09000	0.23809	266,590	7.66	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Call			3,534.47000	3.53447	3,321,400	7.66	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Put			228.87000	0.22887	256,370	7.66	0.00	0	0
R186	On	02/11/2017	Bond Future	8.60	Put			676.33000	0.67633	746,140	7.50	0.00	0	3,750
R186	On	02/11/2017	Bond Future	9.00	Call			4,110.64000	4.11064	3,888,990	7.72	0.00	0	0
R186	On	02/11/2017	Bond Future	8.88	Call			3,422.08000	3.42208	3,211,030	7.65	0.00	0	0
R186	On	02/11/2017	Bond Future	9.00	Put			151.87000	0.15187	170,790	7.72	0.00	0	5,000
R186	On	02/11/2017	Bond Future	8.88	Put			247.73000	0.24773	277,250	7.65	0.00	0	0
R186	On	02/11/2017	Bond Future	8.75	Call			2,720.59000	2.72059	2,525,440	7.58	0.00	0	0
R186	On	02/11/2017	Bond Future	8.75	Put			404.51000	0.40451	449,930	7.58	0.00	0	0
R186	On	02/11/2017	Bond Future	8.60	Call			1,991.00000	1.99100	1,820,240	7.50	0.00	0	0
R186	On	01/02/2018	Bond Future	8.97	Put			756.93000	0.75693	812,120	7.40	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Call			4,224.88000	4.22488	4,034,490	7.41	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Put			741.90000	0.74190	796,180	7.41	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Call			4,127.27000	4.12727	3,938,710	7.40	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Put			772.21000	0.77221	828,320	7.40	0.00	0	0
R186	On	01/02/2018	Bond Future	8.75	Put			1,157.04000	1.15704	1,234,710	7.27	0.00	0	820

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	01/02/2018	Bond Future	9.25	Call			5,610.45000	5.61045	5,399,290	7.56	0.00	0	0
R186	On	01/02/2018	Bond Future	9.25	Put			419.96000	0.41996	453,470	7.56	0.00	0	820
R186	On	01/02/2018	Bond Future	8.50	Put			1,799.35000	1.79935	1,907,680	7.12	0.00	0	0
R186	On	01/02/2018	Bond Future	8.50	Call			2,156.87000	2.15687	2,020,530	7.12	0.00	0	1,460
R186	On	01/02/2018	Bond Future	8.97	Call			4,175.97000	4.17597	3,986,490	7.40	0.00	0	0
R186	On	01/02/2018	Bond Future	7.75	Put			5,185.98000	5.18598	5,386,820	6.84	0.00	0	0
R186	On	01/02/2018	Bond Future	7.75	Call			419.27000	0.41927	375,440	6.84	0.00	0	1,460
R186	On	01/02/2018	Bond Future	9.00	Call			4,323.29000	4.32329	4,131,110	7.42	0.00	0	0
R186	On	01/02/2018	Bond Future	9.00	Put			712.60000	0.71260	765,090	7.42	0.00	0	6,200
R186	On	01/02/2018	Bond Future	8.75	Call			3,156.97000	3.15697	2,989,970	7.27	0.00	0	0
R186	On	03/05/2018	Bond Future	8.92	Put			1,520.54000	1.52054	1,598,720	7.44	0.00	0	0
R186	On	03/05/2018	Bond Future	8.93	Call			4,338.39000	4.33839	4,166,650	7.44	0.00	0	0
R186	On	03/05/2018	Bond Future	8.93	Put			1,500.57000	1.50057	1,577,940	7.44	0.00	0	0
R186	On	03/05/2018	Bond Future	8.91	Call			4,253.06000	4.25306	4,082,950	7.43	0.00	0	0
R186	On	03/05/2018	Bond Future	8.91	Put			1,541.06000	1.54106	1,620,060	7.43	0.00	0	0
R186	On	03/05/2018	Bond Future	8.92	Call			4,295.47000	4.29547	4,124,540	7.44	0.00	0	0
Total R186 Option												0.00	0	19,510
Total For R186												520,952,701.12	4,457	161,104
R197	On	02/11/2017	Bond Future			301.43766	301.43766	301.45947	301.45947			0.00	0	2,350
R197	On	01/02/2018	Bond Future			300.11427	300.11427	300.13609	300.13609			0.00	0	0
R197	On	03/05/2018	Bond Future			305.82090	305.82090	305.84300	305.84300			0.00	0	0
Total R197 Future												0.00	0	2,350
R197	On	02/11/2017	Bond Future	305.17	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	02/11/2017	Bond Future	305.17	Put			3,710.53000	3.71053	3,732,340		0.00	0	0
R197	On	02/11/2017	Bond Future	305.15	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	02/11/2017	Bond Future	305.15	Put			3,690.53000	3.69053	3,712,340		0.00	0	0
R197	On	02/11/2017	Bond Future	305.16	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	02/11/2017	Bond Future	305.16	Put			3,700.53000	3.70053	3,722,340		0.00	0	0
R197	On	01/02/2018	Bond Future	301.66	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	01/02/2018	Bond Future	301.66	Put			1,523.91000	1.52391	1,545,730		0.00	0	0
R197	On	01/02/2018	Bond Future	301.67	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	01/02/2018	Bond Future	301.67	Put			1,533.91000	1.53391	1,555,730		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	Put			1,543.91000	1.54391	1,565,730		0.00	0	0
R197	On	03/05/2018	Bond Future	304.45	Call			1,393.00000	1.39300	1,370,900		0.00	0	0
R197	On	03/05/2018	Bond Future	304.45	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/05/2018	Bond Future	304.46	Call			1,383.00000	1.38300	1,360,900		0.00	0	0
R197	On	03/05/2018	Bond Future	304.46	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/05/2018	Bond Future	304.44	Call			1,403.00000	1.40300	1,380,900		0.00	0	0
R197	On	03/05/2018	Bond Future	304.44	Put			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
Total R197 Option												0.00	0	0
Total For R197												0.00	0	2,350
R202	On	02/11/2017	Bond Future			241.58929	241.58929	241.60577	241.60577		4.16	0.00	0	28,647
R202	On	01/02/2018	Bond Future			242.41379	242.41379	242.43027	242.43027		4.29	0.00	0	0
R202	On	03/05/2018	Bond Future			247.02326	247.02326	247.03989	247.03989		4.30	0.00	0	0
Total R202 Future												0.00	0	28,647
R202	On	02/11/2017	Bond Future	253.90	Put			12,295.01000	12.29501	12,311,380	4.45	0.00	0	0
R202	On	02/11/2017	Bond Future	253.91	Call			0.77000	0.00077	0,660	4.45	0.00	0	0
R202	On	02/11/2017	Bond Future	253.91	Put			12,305.00000	12.30500	12,321,370	4.45	0.00	0	0
R202	On	02/11/2017	Bond Future	253.89	Call			0.79000	0.00079	0,670	4.45	0.00	0	0
R202	On	02/11/2017	Bond Future	253.89	Put			12,285.02000	12.28502	12,301,380	4.45	0.00	0	0
R202	On	02/11/2017	Bond Future	253.90	Call			0.78000	0.00078	0,670	4.45	0.00	0	0
R202	On	01/02/2018	Bond Future	249.07	Call			624.86000	0.62486	615,610	4.62	0.00	0	0
R202	On	01/02/2018	Bond Future	249.07	Put			7,264.59000	7.26459	7,271,820	4.62	0.00	0	0
R202	On	01/02/2018	Bond Future	249.08	Call			623.20000	0.62320	613,970	4.62	0.00	0	0
R202	On	01/02/2018	Bond Future	249.08	Put			7,272.93000	7.27293	7,280,180	4.62	0.00	0	0
R202	On	01/02/2018	Bond Future	249.06	Call			626.51000	0.62651	617,250	4.62	0.00	0	0
R202	On	01/02/2018	Bond Future	249.06	Put			7,256.24000	7.25624	7,263,460	4.62	0.00	0	0
R202	On	03/05/2018	Bond Future	247.48	Call			3,370.22000	3.37022	3,354,220	4.61	0.00	0	0
R202	On	03/05/2018	Bond Future	247.48	Put			3,810.33000	3.81033	3,810,960	4.61	0.00	0	0
R202	On	03/05/2018	Bond Future	247.49	Call			3,365.49000	3.36549	3,349,500	4.61	0.00	0	0
R202	On	03/05/2018	Bond Future	247.49	Put			3,815.60000	3.81560	3,816,240	4.61	0.00	0	0
R202	On	03/05/2018	Bond Future	247.47	Call			3,374.96000	3.37496	3,358,950	4.61	0.00	0	0
R202	On	03/05/2018	Bond Future	247.47	Put			3,805.07000	3.80507	3,805,690	4.61	0.00	0	0
Total R202 Option												0.00	0	0
Total For R202												0.00	0	28,647
R2023	On	02/11/2017	Bond Future			7.72635	101.54008	7.70598	101.62762		4.15	0.00	0	57,357
R2023	On	01/02/2018	Bond Future			7.74731	103.40720	7.72577	103.49605		4.28	0.00	0	0
R2023	On	03/05/2018	Bond Future			7.75840	101.40266	7.73553	101.49316		4.28	0.00	0	0
Total R2023 Future												0.00	0	57,357
R2023	On	02/11/2017	Bond Future	8.57	Put			4.70000	0.00470	5,080	4.39	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.58	Call			3,677.68000	3.67768	3,590,490	4.39	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.58	Put			4.35000	0.00435	4,700	4.39	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.56	Call			3,596.21000	3.59621	3,509,080	4.39	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.56	Put			5.07000	0.00507	5,480	4.39	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.57	Call			3,636.94000	3.63694	3,549,780	4.39	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Put			297.41000	0.29741	311,730	4.47	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Call			2,746.67000	2.74667	2,671,840	4.47	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Put			290.28000	0.29028	304,300	4.47	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.31	Call			2,681.12000	2.68112	2,606,900	4.46	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
R2023	On	01/02/2018	Bond Future	8.31	Put			304.85000	0.30485	319,480	4.46	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Call			2,713.75000	2.71375	2,639,220	4.47	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.28	Call			2,717.84000	2.71784	2,649,270	4.45	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.28	Put			590.33000	0.59033	612,260	4.45	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.29	Call			2,746.49000	2.74649	2,677,630	4.45	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.29	Put			580.43000	0.58043	602,070	4.45	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.27	Call			2,689.56000	2.68956	2,621,310	4.45	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.27	Put			600.62000	0.60062	622,870	4.45	0.00	0	0
Total R2023 Option												0.00	0	0
Total For R2023												0.00	0	57,357
R2030	On	02/11/2017	Bond Future			9.03559	94.55763	9.00053	94.80109			133,704,488.82	1,414	58,574
R2030	On	01/02/2018	Bond Future			9.08703	92.29143	9.05078	92.53916			0.00	0	0
R2030	On	03/05/2018	Bond Future			9.14153	94.00957	9.10401	94.26187			0.00	0	0
Total R2030 Future												133,704,488.82	1,414	58,574
R2030	On	02/11/2017	Bond Future	9.34	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.35	Call			2,388.17000	2.38817	2,144,710		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.35	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.36	Call			2,455.25000	2.45525	2,211,790		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.36	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.34	Call			2,321.01000	2.32101	2,077,550		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.37	Call			2,150.68000	2.15068	1,902,950		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.37	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.38	Call			2,216.94000	2.21694	1,969,210		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.38	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.39	Call			2,283.14000	2.28314	2,035,410		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.39	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.50	Call			2,616.18000	2.61618	2,363,880		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.50	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.51	Call			2,680.93000	2.68093	2,428,630		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.51	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.49	Call			2,551.36000	2.55136	2,299,060		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.49	Put			0.00000	0.00000	0,000		0.00	0	0
Total R2030 Option												0.00	0	0
Total For R2030												133,704,488.82	1,414	58,574
R2032	On	02/11/2017	Bond Future			9.26329	92.87774	9.22830	93.13767		11.00	0.00	0	35,203
R2032	On	01/02/2018	Bond Future			9.32039	94.58558	9.28428	94.85005		10.37	0.00	0	0
R2032	On	03/05/2018	Bond Future			9.37651	92.18956	9.33921	92.45888		11.04	0.00	0	0
Total R2032 Future												0.00	0	35,203
R2032	On	02/11/2017	Bond Future	9.49	Call			2,580.65000	2.58065	2,384,700	11.00	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.49	Put			661.62000	0.66162	725,600	11.00	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	02/11/2017	Bond Future	9.50	Call			2,631.89000	2.63189	2,434,250	11.00	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.50	Put			640.66000	0.64066	702,950	11.00	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Call			2,529.87000	2.52987	2,335,630	10.99	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Put			683.11000	0.68311	748,800	10.99	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.20	Put			2,720.22000	2.72022	2,853,630	10.34	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.20	Call			2,098.72000	2.09872	1,967,660	10.34	3,935.32	2	7,500
R2032	On	01/02/2018	Bond Future	9.45	Put			1,859.71000	1.85971	1,961,240	10.52	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.45	Call			3,064.59000	3.06459	2,901,650	10.52	0.00	0	750
R2032	On	01/02/2018	Bond Future	9.40	Put			2,011.97000	2.01197	2,119,640	10.48	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.40	Call			2,855.70000	2.85570	2,698,900	10.48	2,698.90	1	6,800
R2032	On	01/02/2018	Bond Future	9.30	Put			2,344.97000	2.34497	2,465,320	10.41	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.30	Call			2,460.24000	2.46024	2,316,120	10.41	4,632.24	2	7,800
R2032	On	01/02/2018	Bond Future	9.56	Call			3,549.25000	3.54925	3,373,400	10.61	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.56	Put			1,556.99000	1.55699	1,645,610	10.61	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Call			3,594.94000	3.59494	3,417,960	10.62	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Put			1,531.58000	1.53158	1,619,070	10.62	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Call			3,503.81000	3.50381	3,329,090	10.60	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Put			1,582.73000	1.58273	1,672,480	10.60	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.70	Call			4,704.09000	4.70409	4,526,580	11.39	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.70	Put			2,145.53000	2.14553	2,237,340	11.39	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.71	Call			4,748.17000	4.74817	4,569,810	11.40	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.71	Put			2,120.15000	2.12015	2,211,110	11.40	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.72	Call			4,792.69000	4.79269	4,613,500	11.41	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.72	Put			2,095.28000	2.09528	2,185,410	11.41	0.00	0	0
Total R2032 Option												11,266.46	5	22,850
Total For R2032												11,266.46	5	58,053
R2035	On	02/11/2017	Bond Future			9.49613	96.41464	9.46122	96.69757			481,301,882.88	4,992	27,957
R2035	On	01/02/2018	Bond Future			9.55883	98.18755	9.52283	98.47535			0.00	0	0
R2035	On	03/05/2018	Bond Future			9.61691	95.51539	9.57978	95.80849			0.00	0	0
Total R2035 Future												481,301,882.88	4,992	27,957
R2035	On	02/11/2017	Bond Future	9.59	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Call			1,117.27000	1.11727	834,340		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Call			1,197.01000	1.19701	914,080		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Call			1,037.43000	1.03743	754,500		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Call			1,716.36000	1.71636	1,428,560		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Call			1,794.26000	1.79426	1,506,460		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Put			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
R2035	On	01/02/2018	Bond Future	9.73	Call			1,638.36000	1.63836	1,350,560		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.73	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.90	Call			2,483.39000	2.48339	2,190,290		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.90	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.91	Call			2,559.35000	2.55935	2,266,250		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.91	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.89	Call			2,407.34000	2.40734	2,114,240		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.89	Put			0.00000	0.00000	0,000		0.00	0	0
Total R2035 Option												0.00	0	0
Total For R2035												481,301,882.88	4,992	27,957
R2037	On	02/11/2017	Bond Future			9.60943	92.61562	9.57960	92.85601		13.20	555,693.72	6	53,958
R2037	On	01/02/2018	Bond Future			9.66870	90.06340	9.63796	90.30808		12.44	0.00	0	160
R2037	On	03/05/2018	Bond Future			9.73046	91.74007	9.69878	91.98918		12.67	0.00	0	0
Total R2037 Future												555,693.72	6	54,118
R2037	On	02/11/2017	Bond Future	9.67	Call			2,091.47000	2.09147	1,936,650	13.16	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.67	Put			1,366.02000	1.36602	1,451,590	13.16	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.65	Call			2,002.07000	2.00207	1,850,730	13.14	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.65	Put			1,436.34000	1.43634	1,525,390	13.14	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.66	Call			2,046.57000	2.04657	1,893,490	13.15	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.66	Put			1,400.92000	1.40092	1,488,230	13.15	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.81	Call			3,457.73000	3.45773	3,304,310	12.49	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.81	Put			2,101.47000	2.10147	2,192,730	12.49	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.82	Call			3,503.71000	3.50371	3,349,230	12.50	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.82	Put			2,069.59000	2.06959	2,159,790	12.50	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.83	Call			3,549.98000	3.54998	3,394,430	12.51	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.83	Put			2,038.11000	2.03811	2,127,240	12.51	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.98	Call			4,868.82000	4.86882	4,709,550	12.87	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.98	Put			2,694.30000	2.69430	2,784,140	12.87	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.99	Call			4,914.91000	4.91491	4,754,860	12.88	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.99	Put			2,664.58000	2.66458	2,753,640	12.88	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.97	Call			4,822.91000	4.82291	4,664,410	12.86	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.97	Put			2,724.31000	2.72431	2,814,920	12.86	0.00	0	0
Total R2037 Option												0.00	0	0
Total For R2037												555,693.72	6	54,118
R204	On	02/11/2017	Bond Future			6.75094	104.35229	6.74934	104.35401		14.49	139,623,364.02	1,338	45,060
R204	On	01/02/2018	Bond Future			6.54517	102.23304	6.54343	102.23451		13.61	0.00	0	0
R204	On	03/05/2018	Bond Future			6.14303	104.13639	6.14068	104.13781		14.55	0.00	0	0
Total R204 Future												139,623,364.02	1,338	45,060
R204	On	02/11/2017	Bond Future	7.75	Call			2,599.01000	2.59901	2,575,910	13.90	0.00	0	0
R204	On	02/11/2017	Bond Future	7.75	Put			1,532.71000	1.53271	1,511,330	13.90	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
R204	On	02/11/2017	Bond Future	7.76	Call			2,605.08000	2.60508	2,581,980	13.90	0.00	0	0
R204	On	02/11/2017	Bond Future	7.76	Put			1,528.21000	1.52821	1,506,830	13.90	0.00	0	0
R204	On	02/11/2017	Bond Future	7.74	Call			2,592.94000	2.59294	2,569,830	13.90	0.00	0	0
R204	On	02/11/2017	Bond Future	7.74	Put			1,537.22000	1.53722	1,515,830	13.90	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Call			3,538.20000	3.53820	3,525,540	13.01	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Put			2,936.81000	2.93681	2,925,620	13.01	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Call			3,542.49000	3.54249	3,529,840	13.01	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Put			2,932.75000	2.93275	2,921,570	13.01	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Call			3,533.90000	3.53390	3,521,250	13.01	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Put			2,940.87000	2.94087	2,929,690	13.01	0.00	0	0
R204	On	03/05/2018	Bond Future	7.09	Call			4,845.19000	4.84519	4,834,400	13.94	0.00	0	0
R204	On	03/05/2018	Bond Future	7.09	Put			4,270.92000	4.27092	4,261,550	13.94	0.00	0	0
R204	On	03/05/2018	Bond Future	7.10	Call			4,848.18000	4.84818	4,837,400	13.94	0.00	0	0
R204	On	03/05/2018	Bond Future	7.10	Put			4,267.89000	4.26789	4,258,530	13.94	0.00	0	0
R204	On	03/05/2018	Bond Future	7.08	Call			4,842.19000	4.84219	4,831,400	13.94	0.00	0	0
R204	On	03/05/2018	Bond Future	7.08	Put			4,273.94000	4.27394	4,264,570	13.94	0.00	0	0
Total R204 Option												0.00	0	0
Total For R204												139,623,364.02	1,338	45,060
R2040	On	02/11/2017	Bond Future			9.74038	95.71104	9.71057	95.96613		13.92	20,865,006.72	218	16,396
R2040	On	01/02/2018	Bond Future			9.80159	92.96547	9.77089	93.22499		13.10	0.00	0	0
R2040	On	03/05/2018	Bond Future			9.86522	94.69608	9.83357	94.96045		13.35	0.00	0	0
Total R2040 Future												20,865,006.72	218	16,396
R2040	On	02/11/2017	Bond Future	9.65	Call			1,599.17000	1.59917	1,463,090	13.71	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.65	Put			2,120.97000	2.12097	2,239,980	13.71	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Call			1,638.83000	1.63883	1,500,800	13.72	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Put			2,074.16000	2.07416	2,191,220	13.72	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Call			1,678.94000	1.67894	1,538,960	13.73	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Put			2,027.93000	2.02793	2,143,040	13.73	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Call			3,466.53000	3.46653	3,310,820	13.22	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Put			2,549.47000	2.54947	2,653,280	13.22	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Call			3,513.11000	3.51311	3,356,270	13.23	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Put			2,512.74000	2.51274	2,615,420	13.23	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Call			3,420.24000	3.42024	3,265,670	13.21	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Put			2,586.62000	2.58662	2,691,570	13.21	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.06	Call			5,028.81000	5.02881	4,864,310	13.62	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.06	Put			3,164.07000	3.16407	3,263,940	13.62	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.07	Call			5,076.24000	5.07624	4,910,920	13.63	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.07	Put			3,130.56000	3.13056	3,229,610	13.63	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.08	Call			5,123.85000	5.12385	4,957,720	13.64	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.08	Put			3,097.34000	3.09734	3,195,580	13.64	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 R2040 Option									0.00	0	0
Total For R2040									20,865,006.72	218	16,396
R2044 On 02/11/2017 Bond Future			9.75427	92.87898	9.72952	93.09361		14.62	13,931,847.00	150	26,425
R2044 On 01/02/2018 Bond Future			9.81318	90.20646	9.78771	90.42481		13.75	0.00	0	0
R2044 On 03/05/2018 Bond Future			9.87429	91.88573	9.84806	92.10808		14.02	0.00	0	0
Total R2044 Future									13,931,847.00	150	26,425
R2044 On 02/11/2017 Bond Future	9.67	Put			2,158.26000	2.15826	2,253,940	14.43	0.00	0	0
R2044 On 02/11/2017 Bond Future	9.68	Call			1,678.78000	1.67878	1,558,190	14.44	0.00	0	0
R2044 On 02/11/2017 Bond Future	9.68	Put			2,110.82000	2.11082	2,204,860	14.44	0.00	0	0
R2044 On 02/11/2017 Bond Future	9.66	Call			1,598.91000	1.59891	1,481,610	14.43	0.00	0	0
R2044 On 02/11/2017 Bond Future	9.66	Put			2,206.43000	2.20643	2,303,760	14.43	0.00	0	0
R2044 On 02/11/2017 Bond Future	9.67	Call			1,638.55000	1.63855	1,519,600	14.43	0.00	0	0
R2044 On 01/02/2018 Bond Future	9.91	Call			3,591.50000	3.59150	3,456,930	13.90	0.00	0	0
R2044 On 01/02/2018 Bond Future	9.91	Put			2,551.25000	2.55125	2,635,030	13.90	0.00	0	0
R2044 On 01/02/2018 Bond Future	9.89	Call			3,497.44000	3.49744	3,364,760	13.89	0.00	0	0
R2044 On 01/02/2018 Bond Future	9.89	Put			2,625.92000	2.62592	2,711,590	13.89	0.00	0	0
R2044 On 01/02/2018 Bond Future	9.90	Call			3,544.22000	3.54422	3,410,590	13.89	0.00	0	0
R2044 On 01/02/2018 Bond Future	9.90	Put			2,588.26000	2.58826	2,672,980	13.89	0.00	0	0
R2044 On 03/05/2018 Bond Future	10.10	Call			5,240.18000	5.24018	5,098,210	14.34	0.00	0	0
R2044 On 03/05/2018 Bond Future	10.10	Put			3,142.53000	3.14253	3,222,910	14.34	0.00	0	0
R2044 On 03/05/2018 Bond Future	10.11	Call			5,288.36000	5.28836	5,145,730	14.35	0.00	0	0
R2044 On 03/05/2018 Bond Future	10.11	Put			3,109.17000	3.10917	3,188,890	14.35	0.00	0	0
R2044 On 03/05/2018 Bond Future	10.09	Call			5,192.18000	5.19218	5,050,880	14.33	0.00	0	0
R2044 On 03/05/2018 Bond Future	10.09	Put			3,176.19000	3.17619	3,257,240	14.33	0.00	0	0
Total R2044 Option									0.00	0	0
Total For R2044									13,931,847.00	150	26,425
R2048 On 02/11/2017 Bond Future			9.72999	92.11293	9.70018	92.37861		14.49	7,369,034.40	80	85,474
R2048 On 01/02/2018 Bond Future			9.79029	93.80677	9.75961	94.07704		13.62	0.00	0	170
R2048 On 03/05/2018 Bond Future			9.84627	91.11633	9.81469	91.39163		14.56	0.00	0	0
Total R2048 Future									7,369,034.40	80	85,644
R2048 On 02/11/2017 Bond Future	9.65	Call			1,636.22000	1.63622	1,493,600	14.28	0.00	0	0
R2048 On 02/11/2017 Bond Future	9.65	Put			2,086.56000	2.08656	2,209,620	14.28	0.00	0	0
R2048 On 02/11/2017 Bond Future	9.66	Call			1,678.00000	1.67800	1,533,270	14.29	0.00	0	0
R2048 On 02/11/2017 Bond Future	9.66	Put			2,038.28000	2.03828	2,159,230	14.29	0.00	0	0
R2048 On 02/11/2017 Bond Future	9.64	Call			1,595.06000	1.59506	1,454,560	14.28	0.00	0	0
R2048 On 02/11/2017 Bond Future	9.64	Put			2,135.62000	2.13562	2,260,800	14.28	0.00	0	0
R2048 On 01/02/2018 Bond Future	9.90	Call			3,781.07000	3.78107	3,615,110	13.76	0.00	0	0
R2048 On 01/02/2018 Bond Future	9.90	Put			2,555.90000	2.55590	2,660,210	13.76	0.00	0	0
R2048 On 01/02/2018 Bond Future	9.91	Call			3,830.26000	3.83026	3,663,150	13.77	0.00	0	0
R2048 On 01/02/2018 Bond Future	9.91	Put			2,518.95000	2.51895	2,622,110	13.77	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
R2048	On	01/02/2018	Bond Future	9.89	Call			3,732.16000	3.73216	3,567,360	13.75	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Put			2,593.29000	2.59329	2,698,760	13.75	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.06	Call			5,353.29000	5.35329	5,179,950	14.86	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.06	Put			3,253.32000	3.25332	3,355,280	14.86	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.07	Call			5,402.46000	5.40246	5,228,280	14.87	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.07	Put			3,218.73000	3.21873	3,319,850	14.87	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.05	Call			5,304.02000	5.30402	5,131,510	14.85	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.05	Put			3,287.95000	3.28795	3,390,740	14.85	0.00	0	0
Total R2048 Option												0.00	0	0
Total For R2048												7,369,034.40	80	85,644
R207	On	02/11/2017	Bond Future			7.03609	102.67771	7.02489	102.70014		1.20	0.00	0	41,067
R207	On	01/02/2018	Bond Future			6.97514	100.92460	6.96254	100.94718		1.43	0.00	0	0
R207	On	03/05/2018	Bond Future			6.89613	102.80355	6.88159	102.82646		1.29	0.00	0	0
Total R207 Future												0.00	0	41,067
R207	On	02/11/2017	Bond Future	8.04	Call			2,007.55000	2.00755	1,985,120	1.34	0.00	0	0
R207	On	02/11/2017	Bond Future	8.04	Put			0.00000	0.00000	0,000	1.34	0.00	0	0
R207	On	02/11/2017	Bond Future	8.05	Call			2,027.07000	2.02707	2,004,640	1.34	0.00	0	0
R207	On	02/11/2017	Bond Future	8.05	Put			0.00000	0.00000	0,000	1.34	0.00	0	0
R207	On	02/11/2017	Bond Future	8.03	Call			1,988.02000	1.98802	1,965,590	1.34	0.00	0	0
R207	On	02/11/2017	Bond Future	8.03	Put			0.00000	0.00000	0,000	1.34	0.00	0	0
R207	On	01/02/2018	Bond Future	7.61	Call			1,201.43000	1.20143	1,180,700	1.53	0.00	0	0
R207	On	01/02/2018	Bond Future	7.61	Put			49.81000	0.04981	51,660	1.53	0.00	0	0
R207	On	01/02/2018	Bond Future	7.62	Call			1,217.38000	1.21738	1,196,590	1.53	0.00	0	0
R207	On	01/02/2018	Bond Future	7.62	Put			48.11000	0.04811	49,900	1.53	0.00	0	0
R207	On	01/02/2018	Bond Future	7.60	Call			1,185.54000	1.18554	1,164,860	1.53	0.00	0	0
R207	On	01/02/2018	Bond Future	7.60	Put			51.57000	0.05157	53,470	1.53	0.00	0	0
R207	On	03/05/2018	Bond Future	7.57	Call			1,176.16000	1.17616	1,156,470	1.38	0.00	0	0
R207	On	03/05/2018	Bond Future	7.57	Put			98.76000	0.09876	101,980	1.38	0.00	0	0
R207	On	03/05/2018	Bond Future	7.58	Call			1,189.52000	1.18952	1,169,760	1.38	0.00	0	0
R207	On	03/05/2018	Bond Future	7.58	Put			96.58000	0.09658	99,730	1.38	0.00	0	0
R207	On	03/05/2018	Bond Future	7.56	Call			1,163.06000	1.16306	1,143,440	1.38	0.00	0	0
R207	On	03/05/2018	Bond Future	7.56	Put			101.20000	0.10120	104,490	1.38	0.00	0	0
Total R207 Option												0.00	0	0
Total For R207												0.00	0	41,067
R208	On	02/11/2017	Bond Future			7.27104	99.15158	7.25005	99.21321		2.21	0.00	0	32,186
R208	On	01/02/2018	Bond Future			7.25758	100.97478	7.23483	101.03727		2.46	0.00	0	0
R208	On	03/05/2018	Bond Future			7.23121	99.45358	7.20631	99.51717		2.33	0.00	0	0
Total R208 Future												0.00	0	32,186
R208	On	02/11/2017	Bond Future	8.19	Call			2,714.43000	2.71443	2,652,820	2.41	0.00	0	0
R208	On	02/11/2017	Bond Future	8.19	Put			0.11000	0.00011	0,130	2.41	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	02/11/2017	Bond Future	8.20	Call			2,742.80000	2.74280	2,681,180	2.41	0.00	0	0
R208	On	02/11/2017	Bond Future	8.20	Put			0.10000	0.00010	0,110	2.41	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Call			2,686.05000	2.68605	2,624,440	2.41	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Put			0.13000	0.00013	0,150	2.41	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Call			1,768.66000	1.76866	1,714,280	2.59	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Put			122.80000	0.12280	130,910	2.59	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Call			1,791.83000	1.79183	1,737,230	2.59	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Put			119.06000	0.11906	126,950	2.59	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Call			1,745.44000	1.74544	1,691,270	2.59	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Put			126.50000	0.12650	134,820	2.59	0.00	0	0
R208	On	03/05/2018	Bond Future	7.79	Put			237.25000	0.23725	249,990	2.44	0.00	0	0
R208	On	03/05/2018	Bond Future	7.77	Call			1,675.04000	1.67504	1,624,660	2.43	0.00	0	0
R208	On	03/05/2018	Bond Future	7.77	Put			247.60000	0.24760	260,810	2.43	0.00	0	0
R208	On	03/05/2018	Bond Future	7.78	Call			1,694.91000	1.69491	1,644,290	2.44	0.00	0	0
R208	On	03/05/2018	Bond Future	7.78	Put			242.38000	0.24238	255,350	2.44	0.00	0	0
R208	On	03/05/2018	Bond Future	7.79	Call			1,714.86000	1.71486	1,664,010	2.44	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												0.00	0	32,186
R209	On	02/11/2017	Bond Future			9.44659	72.99638	9.41671	73.20032		13.29	20,438,986.40	280	125,917
R209	On	01/02/2018	Bond Future			9.50006	74.33861	9.46934	74.54615		12.41	0.00	0	0
R209	On	03/05/2018	Bond Future			9.55247	72.57341	9.52087	72.78473		13.28	0.00	0	0
Total R209 Future												20,438,986.40	280	125,917
R209	On	02/11/2017	Bond Future	9.53	Call			1,762.11000	1.76211	1,627,520	13.17	0.00	0	0
R209	On	02/11/2017	Bond Future	9.53	Put			993.39000	0.99339	1,062,740	13.17	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Call			1,801.98000	1.80198	1,665,850	13.17	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Put			965.99000	0.96599	1,033,800	13.17	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Call			1,722.62000	1.72262	1,589,570	13.16	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Put			1,021.26000	1.02126	1,092,150	13.16	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Put			3,292.60000	3.29260	3,448,180	12.86	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Call			357.00000	0.35700	308,640	12.86	0.00	0	2,248
R209	On	02/11/2017	Bond Future	10.00	Call			4,048.54000	4.04854	3,862,700	13.52	0.00	0	0
R209	On	02/11/2017	Bond Future	10.00	Put			217.63000	0.21763	235,730	13.52	0.00	0	1,138
R209	On	02/11/2017	Bond Future	10.60	Call			7,478.72000	7.47872	7,276,240	14.05	0.00	0	0
R209	On	02/11/2017	Bond Future	10.60	Put			17.72000	0.01772	19,180	14.05	0.00	0	1,300
R209	On	02/11/2017	Bond Future	9.75	Call			2,739.19000	2.73919	2,575,020	13.29	0.00	0	0
R209	On	02/11/2017	Bond Future	9.75	Put			512.08000	0.51208	551,850	13.29	0.00	0	6,500
R209	On	02/11/2017	Bond Future	8.30	Put			8,285.44000	8.28544	8,487,020	12.72	0.00	0	0
R209	On	02/11/2017	Bond Future	8.30	Call			9.43000	0.00943	7,070	12.72	0.00	0	2,800
R209	On	02/11/2017	Bond Future	9.58	Call			1,966.31000	1.96631	1,824,220	13.20	0.00	0	0
R209	On	02/11/2017	Bond Future	9.58	Put			862.18000	0.86218	924,030	13.20	0.00	0	1,350

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	02/11/2017	Bond Future	9.33	Put			1,663.33000	1.66333	1,765,670	13.06	0.00	0	0
R209	On	02/11/2017	Bond Future	9.33	Call			1,066.63000	1.06663	965,030	13.06	0.00	0	1,350
R209	On	02/11/2017	Bond Future	9.88	Call			3,401.06000	3.40106	3,224,060	13.41	0.00	0	0
R209	On	02/11/2017	Bond Future	9.88	Put			333.01000	0.33301	359,950	13.41	0.00	0	1,350
R209	On	01/02/2018	Bond Future	10.10	Call			4,888.26000	4.88826	4,722,010	12.95	0.00	0	0
R209	On	01/02/2018	Bond Future	10.10	Put			799.83000	0.79983	841,120	12.95	0.00	0	3,000
R209	On	01/02/2018	Bond Future	9.85	Call			0.00000	0.00000	3,594,920	12.73	0.00	0	0
R209	On	01/02/2018	Bond Future	9.85	Put			0.00000	0.00000	1,292,230	12.73	19,383,450.00	15,000	7,500
R209	On	01/02/2018	Bond Future	9.73	Call			3,235.36000	3.23536	3,097,060	12.62	0.00	0	0
R209	On	01/02/2018	Bond Future	9.73	Put			1,502.22000	1.50222	1,571,460	12.62	0.00	0	0
R209	On	01/02/2018	Bond Future	9.71	Call			3,153.53000	3.15353	3,017,000	12.60	0.00	0	0
R209	On	01/02/2018	Bond Future	9.71	Put			1,551.16000	1.55116	1,622,170	12.60	0.00	0	0
R209	On	01/02/2018	Bond Future	10.00	Call			4,417.59000	4.41759	4,257,970	12.86	0.00	0	0
R209	On	01/02/2018	Bond Future	10.00	Put			953.93000	0.95393	1,001,850	12.86	0.00	0	7,500
R209	On	01/02/2018	Bond Future	9.72	Call			3,194.42000	3.19442	3,057,000	12.61	0.00	0	0
R209	On	01/02/2018	Bond Future	9.72	Put			1,526.62000	1.52662	1,596,740	12.61	0.00	0	0
R209	On	03/05/2018	Bond Future	9.86	Call			4,305.97000	4.30597	4,166,570	13.62	0.00	0	0
R209	On	03/05/2018	Bond Future	9.86	Put			2,085.32000	2.08532	2,157,240	13.62	0.00	0	0
R209	On	03/05/2018	Bond Future	9.84	Call			4,226.31000	4.22631	4,088,210	13.60	0.00	0	0
R209	On	03/05/2018	Bond Future	9.84	Put			2,133.77000	2.13377	2,206,990	13.60	0.00	0	0
R209	On	03/05/2018	Bond Future	9.85	Call			4,265.96000	4.26596	4,127,210	13.61	0.00	0	0
R209	On	03/05/2018	Bond Future	9.85	Put			2,109.32000	2.10932	2,181,890	13.61	0.00	0	0
Total R209 Option												19,383,450.00	15,000	36,036
Total For R209												39,822,436.40	15,280	161,953
R210	On	02/11/2017	Bond Future			185.44514	185.44514	185.28796	185.28796			0.00	0	2,179
R210	On	01/02/2018	Bond Future			188.92144	188.92144	188.76087	188.76087			0.00	0	0
R210	On	03/05/2018	Bond Future			190.09098	190.09098	189.92743	189.92743			0.00	0	0
Total R210 Future												0.00	0	2,179
R210	On	02/11/2017	Bond Future	192.07	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	02/11/2017	Bond Future	192.07	Put			6,782.04000	6.78204	6,624,860		0.00	0	0
R210	On	02/11/2017	Bond Future	192.08	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	02/11/2017	Bond Future	192.08	Put			6,792.04000	6.79204	6,634,860		0.00	0	0
R210	On	02/11/2017	Bond Future	192.09	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	02/11/2017	Bond Future	192.09	Put			6,802.04000	6.80204	6,644,860		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	Put			3,609.13000	3.60913	3,448,560		0.00	0	0
R210	On	01/02/2018	Bond Future	192.38	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	01/02/2018	Bond Future	192.38	Put			3,619.13000	3.61913	3,458,560		0.00	0	0
R210	On	01/02/2018	Bond Future	192.36	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	01/02/2018	Bond Future	192.36	Put			3,599.13000	3.59913	3,438,560		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	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
R210	On	03/05/2018	Bond Future	191.45	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/05/2018	Bond Future	191.45	Put			1,522.57000	1.52257	1,359,020		0.00	0	0
R210	On	03/05/2018	Bond Future	191.46	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/05/2018	Bond Future	191.46	Put			1,532.57000	1.53257	1,369,020		0.00	0	0
R210	On	03/05/2018	Bond Future	191.44	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/05/2018	Bond Future	191.44	Put			1,512.57000	1.51257	1,349,020		0.00	0	0
Total R210 Option												0.00	0	0
Total For R210												0.00	0	2,179
R212	On	02/11/2017	Bond Future			151.18875	151.18875	151.19987	151.19987			18,293,838.75	121	4,064
R212	On	01/02/2018	Bond Future			151.98455	151.98455	151.99559	151.99559			0.00	0	0
R212	On	03/05/2018	Bond Future			154.87449	154.87449	154.88572	154.88572			0.00	0	0
Total R212 Future												18,293,838.75	121	4,064
R212	On	02/11/2017	Bond Future	152.41	Put			1,210.13000	1.21013	1,221,250		0.00	0	0
R212	On	02/11/2017	Bond Future	152.42	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	02/11/2017	Bond Future	152.42	Put			1,220.13000	1.22013	1,231,250		0.00	0	0
R212	On	02/11/2017	Bond Future	152.40	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	02/11/2017	Bond Future	152.40	Put			1,200.13000	1.20013	1,211,250		0.00	0	0
R212	On	02/11/2017	Bond Future	152.41	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	01/02/2018	Bond Future	154.70	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	01/02/2018	Bond Future	154.70	Put			2,704.41000	2.70441	2,715,450		0.00	0	0
R212	On	01/02/2018	Bond Future	154.71	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	01/02/2018	Bond Future	154.71	Put			2,714.41000	2.71441	2,725,450		0.00	0	0
R212	On	01/02/2018	Bond Future	154.69	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	01/02/2018	Bond Future	154.69	Put			2,694.41000	2.69441	2,705,450		0.00	0	0
R212	On	03/05/2018	Bond Future	154.29	Call			595.72000	0.59572	584,490		0.00	0	0
R212	On	03/05/2018	Bond Future	154.29	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/05/2018	Bond Future	154.30	Call			585.72000	0.58572	574,490		0.00	0	0
R212	On	03/05/2018	Bond Future	154.30	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/05/2018	Bond Future	154.28	Call			605.72000	0.60572	594,490		0.00	0	0
R212	On	03/05/2018	Bond Future	154.28	Put			0.00000	0.00000	0,000		0.00	0	0
Total R212 Option												0.00	0	0
Total For R212												18,293,838.75	121	4,064
R213	On	02/11/2017	Bond Future			9.12734	85.09311	9.09234	85.32975		10.76	0.00	0	62,290
R213	On	01/02/2018	Bond Future			9.18221	86.65779	9.14609	86.89853		10.13	0.00	0	0
R213	On	03/05/2018	Bond Future			9.23234	84.72173	9.19506	84.96686		10.79	0.00	0	0
Total R213 Future												0.00	0	62,290
R213	On	02/11/2017	Bond Future	9.35	Call			2,321.93000	2.32193	2,143,990	10.84	0.00	0	0
R213	On	02/11/2017	Bond Future	9.35	Put			601.17000	0.60117	659,870	10.84	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Call			2,368.86000	2.36886	2,189,360	10.84	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Put			582.30000	0.58230	639,440	10.84	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
R213	On	02/11/2017	Bond Future	9.34	Call			2,275.42000	2.27542	2,099,050	10.83	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Put			620.53000	0.62053	680,800	10.83	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Call			3,168.30000	3.16830	3,007,980	10.26	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Put			1,366.14000	1.36614	1,446,560	10.26	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Call			3,210.14000	3.21014	3,048,760	10.27	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Put			1,343.20000	1.34320	1,422,560	10.27	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Call			3,126.90000	3.12690	2,967,640	10.25	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Put			1,389.60000	1.38960	1,471,080	10.25	0.00	0	0
R213	On	03/05/2018	Bond Future	9.57	Call			4,278.39000	4.27839	4,115,340	11.04	0.00	0	0
R213	On	03/05/2018	Bond Future	9.57	Put			1,857.07000	1.85707	1,939,150	11.04	0.00	0	0
R213	On	03/05/2018	Bond Future	9.58	Call			4,319.29000	4.31929	4,155,460	11.05	0.00	0	0
R213	On	03/05/2018	Bond Future	9.58	Put			1,834.72000	1.83472	1,916,020	11.05	0.00	0	0
R213	On	03/05/2018	Bond Future	9.56	Call			4,237.89000	4.23789	4,075,620	11.04	0.00	0	0
R213	On	03/05/2018	Bond Future	9.56	Put			1,879.90000	1.87990	1,962,760	11.04	0.00	0	0
Total R213 Option												0.00	0	0
Total For R213												0.00	0	62,290
R214	On	02/11/2017	Bond Future			9.63865	72.26788	9.60883	72.47789		14.15	0.00	0	43,682
R214	On	01/02/2018	Bond Future			9.69616	73.59675	9.66550	73.81044		13.17	0.00	0	0
R214	On	03/05/2018	Bond Future			9.74939	71.67097	9.71787	71.88860		14.13	0.00	0	0
Total R214 Future												0.00	0	43,682
R214	On	02/11/2017	Bond Future	9.59	Call			1,362.43000	1.36243	1,245,070	14.05	0.00	0	0
R214	On	02/11/2017	Bond Future	9.59	Put			1,495.56000	1.49556	1,588,210	14.05	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Call			1,396.95000	1.39695	1,277,910	14.06	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Put			1,459.33000	1.45933	1,550,300	14.06	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Call			1,328.42000	1.32842	1,212,750	14.05	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Put			1,532.41000	1.53241	1,626,750	14.05	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Call			2,971.94000	2.97194	2,838,410	13.24	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Put			1,837.56000	1.83756	1,917,720	13.24	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Call			3,011.76000	3.01176	2,877,290	13.25	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Put			1,809.37000	1.80937	1,888,590	13.25	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Call			2,932.37000	2.93237	2,799,780	13.24	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Put			1,866.11000	1.86611	1,947,210	13.24	0.00	0	0
R214	On	03/05/2018	Bond Future	9.98	Call			4,170.61000	4.17061	4,032,190	14.35	0.00	0	0
R214	On	03/05/2018	Bond Future	9.98	Put			2,393.23000	2.39323	2,472,440	14.35	0.00	0	0
R214	On	03/05/2018	Bond Future	9.99	Call			4,210.41000	4.21041	4,071,310	14.36	0.00	0	0
R214	On	03/05/2018	Bond Future	9.99	Put			2,366.67000	2.36667	2,445,200	14.36	0.00	0	0
R214	On	03/05/2018	Bond Future	9.97	Call			4,131.18000	4.13118	3,993,440	14.34	0.00	0	0
R214	On	03/05/2018	Bond Future	9.97	Put			2,420.27000	2.42027	2,500,160	14.34	0.00	0	0
Total R214 Option												0.00	0	0
Total For R214												0.00	0	43,682

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 Bond										1,387,276,865.53	28,143	1,057,240
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
ES18 On 20/04/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES18 Future										0.00	0	0
Total For ES18										0.00	0	0
ES18A On 20/04/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES18A Future										0.00	0	0
Total For ES18A										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
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

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 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
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

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 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
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

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	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
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	02/11/2017	GOVI			580.63900	580.63900	581.87500	581.87500			0.00	0	670
GOVI	On	01/02/2018	GOVI			591.31600	591.31600	592.57300	592.57300			0.00	0	0
GOVI	On	03/05/2018	GOVI			602.32700	602.32700	603.60800	603.60800			0.00	0	0
Total GOVI Future												0.00	0	670
GOVI	On	02/11/2017	GOVI	572.45	Call			94,250.00000	9.42500	81,890,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.45	Put			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	02/11/2017	GOVI	572.46	Call			94,150.00000	9.41500	81,790,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.46	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.44	Call			94,350.00000	9.43500	81,990,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.44	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.03	Call			115,430.00000	11.54300	102,860,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.03	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.04	Call			115,330.00000	11.53300	102,760,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.04	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.02	Call			115,530.00000	11.55300	102,960,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.02	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.29	Call			133,180.00000	13.31800	120,370,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.29	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.27	Call			133,380.00000	13.33800	120,570,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.27	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.28	Call			133,280.00000	13.32800	120,470,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.28	Put			0.00000	0.00000	0,000		0.00	0	0
Total GOVI Option												0.00	0	0
Total For GOVI												0.00	0	670
Total for GOVI												0.00	0	670
AL37	On	02/11/2017	Index Future			562.49800	562.49800	562.92300	562.92300			0.00	0	0
AL37	On	01/02/2018	Index Future			572.84200	572.84200	573.27300	573.27300			0.00	0	0
AL37	On	03/05/2018	Index Future			583.50900	583.50900	583.94800	583.94800			0.00	0	0
Total AL37 Future												0.00	0	0
Total For AL37												0.00	0	0
AL7T	On	02/11/2017	Index Future			648.55200	648.55200	649.88100	649.88100			0.00	0	0
AL7T	On	01/02/2018	Index Future			660.47800	660.47800	661.83000	661.83000			0.00	0	0
AL7T	On	03/05/2018	Index Future			672.77700	672.77700	674.15400	674.15400			0.00	0	0
Total AL7T Future												0.00	0	0
Total For AL7T												0.00	0	0
ALBI	On	02/11/2017	Index Future			581.89900	581.89900	583.14800	583.14800			0.00	0	786
ALBI	On	01/02/2018	Index Future			592.60000	592.60000	593.87000	593.87000			0.00	0	0
ALBI	On	03/05/2018	Index Future			603.63400	603.63400	604.92800	604.92800			0.00	0	0
Total ALBI Future												0.00	0	786
Total For ALBI												0.00	0	786
IGOV	On	02/11/2017	Index Future			250.61600	250.61600	250.57000	250.57000			0.00	0	1,166
IGOV	On	01/02/2018	Index Future			255.31400	255.31400	255.26600	255.26600			0.00	0	0
IGOV	On	03/05/2018	Index Future			260.16900	260.16900	260.12000	260.12000			0.00	0	0
Total IGOV Future												0.00	0	1,166
Total For IGOV												0.00	0	1,166

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 Index									0.00	0	1,952
JIBAR F On 20/09/2017		Jibar Future	7.01000	92.99000	7.01000	92.99000			0.00	0	0
JIBAR F On 18/10/2017		Jibar Future	6.90000	93.10000	6.90000	93.10000			0.00	0	0
JIBAR F On 15/11/2017		Jibar Future	6.88000	93.12000	6.88000	93.12000			0.00	0	0
JIBAR F On 20/12/2017		Jibar Future	6.76000	93.24000	6.76000	93.24000			0.00	0	0
JIBAR F On 17/01/2018		Jibar Future	6.75000	93.25000	6.75000	93.25000			0.00	0	0
JIBAR F On 21/02/2018		Jibar Future	6.67000	93.33000	6.67000	93.33000			0.00	0	0
JIBAR F On 20/03/2018		Jibar Future	6.66000	93.34000	6.66000	93.34000			0.00	0	2,500
JIBAR F On 20/06/2018		Jibar Future	6.56000	93.44000	6.56000	93.44000			0.00	0	0
JIBAR F On 19/09/2018		Jibar Future	6.55000	93.45000	6.55000	93.45000			0.00	0	0
JIBAR F On 19/12/2018		Jibar Future	6.58000	93.42000	6.58000	93.42000			0.00	0	0
JIBAR F On 20/03/2019		Jibar Future	6.64000	93.36000	6.64000	93.36000			0.00	0	0
JIBAR F On 19/06/2019		Jibar Future	6.71000	93.29000	6.71000	93.29000			0.00	0	0
Total Jibar Future									0.00	0	2,500
Total For JIBAR FUTURE									0.00	0	2,500
Total for Jibar									0.00	0	2,500
10Y ST On 17/12/2025		Interest Rate Swap	93.63495	93.63495	93.52104	93.52104			0.00	0	0
10Y ST On 16/03/2026		Interest Rate Swap	90.61830	90.61830	90.49327	90.49327			0.00	0	0
10Y ST On 15/06/2026		Interest Rate Swap	89.35202	89.35202	89.21346	89.21346			0.00	0	0
10Y ST On 21/09/2026		Interest Rate Swap	91.52828	91.52828	91.38902	91.38902			0.00	0	0
10Y ST On 21/12/2026		Interest Rate Swap	95.33974	95.33974	95.18825	95.18825			0.00	0	0
10Y ST On 15/03/2027		Interest Rate Swap	93.89620	93.89620	93.71550	93.71550			0.00	0	0
10Y ST On 21/06/2027		Interest Rate Swap	95.98396	95.98396	95.79906	95.79906			0.00	0	0
10Y ST On 20/09/2027		Interest Rate Swap	99.74067	99.74067	99.54560	99.54560			0.00	0	0
Total 10Y STND Future									0.00	0	0
Total For 10Y STND									0.00	0	0
1Y STN On 21/09/2017		Interest Rate Swap	99.61248	99.61248	99.61248	99.61248			0.00	0	0
1Y STN On 21/12/2017		Interest Rate Swap	99.75893	99.75893	99.77024	99.77024			0.00	0	0
1Y STN On 15/03/2018		Interest Rate Swap	99.61830	99.61830	99.61957	99.61957			0.00	0	0
1Y STN On 21/06/2018		Interest Rate Swap	99.65656	99.65656	99.67070	99.67070			0.00	0	0
1Y STN On 20/09/2018		Interest Rate Swap	99.69222	99.69222	99.70613	99.70613			0.00	0	0
Total 1Y STND Future									0.00	0	0
Total For 1Y STND									0.00	0	0
2Y STN On 18/12/2017		Interest Rate Swap	99.79705	99.79705	99.79706	99.79706			0.00	0	0
2Y STN On 16/03/2018		Interest Rate Swap	98.90180	98.90180	98.90315	98.90315			0.00	0	0
2Y STN On 15/06/2018		Interest Rate Swap	98.35284	98.35284	98.35554	98.35554			0.00	0	0
2Y STN On 21/09/2018		Interest Rate Swap	98.15796	98.15796	98.17169	98.17169			0.00	0	0
2Y STN On 21/12/2018		Interest Rate Swap	98.42000	98.42000	98.43000	98.43000			0.00	0	0
2Y STN On 15/03/2019		Interest Rate Swap	98.70840	98.70840	98.70119	98.70119			0.00	0	0
2Y STN On 21/06/2019		Interest Rate Swap	98.98450	98.98450	98.98478	98.98478			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
2Y STN On 20/09/2019 Interest Rate Swap			99.28806	99.28806	99.28162	99.28162			0.00	0	0
Total 2Y STND Future									0.00	0	0
Total For 2Y STND									0.00	0	0
5Y STN On 17/12/2020 Interest Rate Swap			95.11860	95.11860	95.08106	95.08106			0.00	0	0
5Y STN On 16/03/2021 Interest Rate Swap			94.29217	94.29217	94.24284	94.24284			0.00	0	0
5Y STN On 15/06/2021 Interest Rate Swap			93.43577	93.43577	93.37375	93.37375			0.00	0	0
5Y STN On 21/09/2021 Interest Rate Swap			93.56104	93.56104	93.49944	93.49944			0.00	0	0
5Y STN On 21/12/2021 Interest Rate Swap			95.71441	95.71441	95.64490	95.64490			0.00	0	51
5Y STN On 15/03/2022 Interest Rate Swap			95.80354	95.80354	95.71556	95.71556			0.00	0	0
5Y STN On 21/06/2022 Interest Rate Swap			96.95689	96.95689	96.87400	96.87400			0.00	0	0
5Y STN On 20/09/2022 Interest Rate Swap			99.13933	99.13933	99.04940	99.04940			0.00	0	0
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 :									1,387,276,865.53	28,143	1,062,413
AA05 On 22/03/2019 Spot Bond			8.29500	101.34908	8.29500	101.32669			0.00	0	1,000,000,000
Total AA05 SPOT									0.00	0	1,000,000,000
Total For AA05									0.00	0	1,000,000,000
AA06 On 15/04/2021 Spot Bond				100.00000	0.00000	99.71492			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	14.21935	100.00000	14.18491			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			9.40500	104.38895	9.40500	104.36274			0.00	0	0
Total AA07 SPOT									0.00	0	0
Total For AA07									0.00	0	0
AB01/R On 24/11/2020 Spot Bond			10.00000	110.77800	10.00000	110.74900			0.00	0	0
Total AB01/R186 SPOT									0.00	0	0
Total For AB01/R186									0.00	0	0
AB010 On 21/11/2017 Spot Bond				100.00000	0.00000	100.86980			0.00	0	0
Total AB010 SPOT									0.00	0	0
Total For AB010									0.00	0	0
AB011 On 21/11/2018 Spot Bond				100.00000	0.00000	100.84236			0.00	0	250,000,000
Total AB011 SPOT									0.00	0	250,000,000
Total For AB011									0.00	0	250,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
AB013 On 21/11/2018 Spot Bond			8.82000	102.20684	8.82000	102.18286			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	23.40595	100.00000	23.34925			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	103.66945	10.84000	103.63972			0.00	0	0
Total AB015U SPOT									0.00	0	0
Total For AB015U									0.00	0	0
AB016L On 05/02/2020 Spot Bond			100.00000	24.41671	100.00000	24.35755			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	24.33812	100.00000	24.28455			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	100.53891	11.37000	100.50820			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	18.34002	100.00000	18.29510			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	100.60407	11.81000	100.57218			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	11.73256	100.00000	11.70383			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	16.20141	100.00000	16.16216			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	17.38551	100.00000	17.35836			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	15.67482	100.00000	15.63685			0.00	0	0
Total AB025U SPOT									0.00	0	0
Total For AB025U									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
AB026L On 20/08/2021 Spot Bond			100.00000	16.32905	100.00000	16.29311				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	13.18535	100.00000	13.15895				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	13.34828	100.00000	13.31595				0.00	0	0
Total AB029U SPOT										0.00	0	0
Total For AB029U										0.00	0	0
AB030L On 14/08/2024 Spot Bond			100.00000	13.31608	100.00000	13.25752				0.00	0	0
Total AB030U SPOT										0.00	0	0
Total For AB030U										0.00	0	0
ABC12: On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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			4.34000	161.34225	4.34000	269.34775				0.00	0	375,000,000
Total ABCPI3 SPOT										0.00	0	375,000,000
Total For ABCPI3										0.00	0	375,000,000
ABF19L On 21/04/2022 Spot Bond			100.00000	11.19304	100.00000	11.15810				0.00	0	0
Total ABF19U SPOT										0.00	0	0
Total For ABF19U										0.00	0	0
ABFN07 On 17/03/2018 Spot Bond				100.00000	0.00000	100.24629				0.00	0	0
Total ABFN07 SPOT										0.00	0	0
Total For ABFN07										0.00	0	0
ABFN08 On 17/03/2020 Spot Bond				100.00000	0.00000	101.35865				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				100.00000	0.00000	100.01602				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				100.00000	0.00000	101.00269				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				100.00000	0.00000	101.48763				0.00	0	0
Total ABFN12 SPOT										0.00	0	0
Total For ABFN12										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 14/05/2020 Spot Bond				100.00000	0.00000	101.40136			0.00	0	0
Total ABFN13 SPOT									0.00	0	0
Total For ABFN13									0.00	0	0
ABFN1: On 14/05/2022 Spot Bond				100.00000	0.00000	100.92488			0.00	0	0
Total ABFN14 SPOT									0.00	0	0
Total For ABFN14									0.00	0	0
ABFN1: On 11/11/2020 Spot Bond				100.00000	0.00000	101.31516			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				100.00000	0.00000	100.99306			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				100.00000	0.00000	101.05655			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				100.00000	0.00000	99.88503			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				100.00000	0.00000	100.51448			0.00	200,000,000	100,000,000
Total ABFN20 SPOT									0.00	200,000,000	100,000,000
Total For ABFN20									0.00	200,000,000	100,000,000
ABFN2: On 30/05/2022 Spot Bond				100.00000	0.00000	100.53219			0.00	0	0
Total ABFN21 SPOT									0.00	0	0
Total For ABFN21									0.00	0	0
ABFN2: On 30/05/2024 Spot Bond				100.00000	0.00000	100.54694			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				100.00000	0.00000	100.43064			0.00	0	0
Total ABFN23 SPOT									0.00	0	0
Total For ABFN23									0.00	0	0
ABK1 On 07/11/2018 Spot Bond			8.97000	105.43978	8.97000	106.91453		198,706,652,157,000.00		22,152,358,100	17,126,000,000
Total ABK1 SPOT								18,706,652,157,000.00		22,152,358,100	17,126,000,000
Total For ABK1								18,706,652,157,000.00		22,152,358,100	17,126,000,000
ABK10 On 14/02/2020 Spot Bond				100.00000	0.00000	99.70576		0.00	0	0	0
Total ABK10 SPOT								0.00	0	0	0
Total For ABK10								0.00	0	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
ABK11 On 20/05/2019 Spot Bond				100.00000	0.00000	101.38833			0.00	44,773,282,467	38,884,359,091
Total ABK11 SPOT									0.00	44,773,282,467	38,884,359,091
Total For ABK11									0.00	44,773,282,467	38,884,359,091
ABK12 On 20/05/2022 Spot Bond				100.00000	0.00000	94.00626			0.00	0	0
Total ABK12 SPOT									0.00	0	0
Total For ABK12									0.00	0	0
ABK2 On 24/05/2018 Spot Bond			8.67000	100.98267	8.67000	103.60712		234,725,438,718,210.00	27,073,291,663	17,991,033,725	
Total ABK2 SPOT								14,725,438,718,210.00	27,073,291,663	17,991,033,725	
Total For ABK2								14,725,438,718,210.00	27,073,291,663	17,991,033,725	
ABK3 On 07/11/2018 Spot Bond				100.00000	0.00000	102.33723			0.00	61,018,331,261	30,527,904,361
Total ABK3 SPOT									0.00	61,018,331,261	30,527,904,361
Total For ABK3									0.00	61,018,331,261	30,527,904,361
ABK3/J On 07/11/2018 Spot Bond			100.00000	44.45317	100.00000	44.34548			0.00	0	0
Total ABK3/JIBAR SPOT									0.00	0	0
Total For ABK3/JIBAR									0.00	0	0
ABK4 On 24/05/2018 Spot Bond				100.00000	0.00000	101.16381			0.00	15,426,200,000	14,987,000,000
Total ABK4 SPOT									0.00	15,426,200,000	14,987,000,000
Total For ABK4									0.00	15,426,200,000	14,987,000,000
ABK4/J On 24/05/2018 Spot Bond			100.00000	60.06612	100.00000	59.92059			0.00	0	0
Total ABK4/JIBAR SPOT									0.00	0	0
Total For ABK4/JIBAR									0.00	0	0
ABK5 On 31/10/2018 Spot Bond				100.00000	0.00000	101.62729			0.00	93,695,628,850	89,758,502,160
Total ABK5 SPOT									0.00	93,695,628,850	89,758,502,160
Total For ABK5									0.00	93,695,628,850	89,758,502,160
ABK5/J On 31/10/2018 Spot Bond			100.00000	44.67917	100.00000	44.57094			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				100.00000	0.00000	100.42531			0.00	0	0
Total ABK6 SPOT									0.00	0	0
Total For ABK6									0.00	0	0
ABK7 On 03/06/2019 Spot Bond				100.00000	0.00000	97.17213			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				100.00000	0.00000	94.02339			0.00	0	0
Total ABK8 SPOT									0.00	0	0
Total For ABK8									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
ABK9 On 18/11/2019 Spot Bond				100.00000	0.00000	98.90937			0.00	0	700,000,000
Total ABK9 SPOT									0.00	0	700,000,000
Total For ABK9									0.00	0	700,000,000
ABKI01 On 07/11/2018 Spot Bond			4.50000	151.85247	4.50000	152.80137		380,112,375,253,500.00	84,469,416,723	86,747,073,160	
Total ABKI01 SPOT								30,112,375,253,500.00	84,469,416,723	86,747,073,160	
Total For ABKI01								30,112,375,253,500.00	84,469,416,723	86,747,073,160	
ABKI02 On 05/06/2020 Spot Bond			6.35000	103.65464	6.35000	132.02137		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	15.34913	100.00000	15.32402		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			7.61000	94.10400	7.61000	110.96188		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	7.78380	100.00000	7.77108		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			8.44000	95.37120	8.44000	108.48271		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	6.97900	100.00000	6.96293		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			100.00000	0.00000	0.00000	89.10537		0.00	0	5,000,000,000	
Total ABKS1 SPOT								0.00	0	5,000,000,000	
Total For ABKS1								0.00	0	5,000,000,000	
ABN05 On 18/04/2021 Spot Bond			3.63000	187.08641	3.63000	187.05587		0.00	0	0	
Total ABN05 SPOT								0.00	0	0	
Total For ABN05								0.00	0	0	
ABN33 On 29/01/2018 Spot Bond			5.84125	97.97732	5.84125	97.98857		0.00	0	0	
Total ABN33 SPOT								0.00	0	0	
Total For ABN33								0.00	0	0	
ABN34 On 29/01/2018 Spot Bond			5.84125	97.97732	5.84125	97.98857		0.00	0	0	
Total ABN34 SPOT								0.00	0	0	
Total For ABN34								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			3.41000	120.21483	3.41000	120.77577			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			3.24000	124.28502	3.24000	171.55745			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			3.13000	138.48724	3.13000	222.14820			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			9.30500	93.94007	9.30500	93.91647			0.00	0	0
Total ABN67 SPOT									0.00	0	0
Total For ABN67									0.00	0	0
ABN72 On 17/03/2018 Spot Bond				100.00000	0.00000	102.61839			0.00	0	0
Total ABN72 SPOT									0.00	0	0
Total For ABN72									0.00	0	0
ABN74 On 09/05/2018 Spot Bond				100.00000	0.00000	134.70500			0.00	0	0
Total ABN74 SPOT									0.00	0	0
Total For ABN74									0.00	0	0
ABN79 On 21/12/2026 Spot Bond			9.79000	106.89200	9.79000	106.86410			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			8.43000	94.82678	8.43000	94.80539			0.00	0	0
Total ABN80 SPOT									0.00	0	0
Total For ABN80									0.00	0	0
ABN85 On 05/07/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ABN85 SPOT									0.00	0	0
Total For ABN85									0.00	0	0
ABN86 On 01/08/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ABN86 SPOT									0.00	0	0
Total For ABN86									0.00	0	0
ABN87 On 21/12/2026 Spot Bond			10.33500	103.60264	10.33500	103.57413			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				100.00000	0.00000	100.24862			0.00	0	0
Total ABN91 SPOT									0.00	0	0
Total For ABN91									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
ABN92 On 31/01/2019 Spot Bond				100.00000	0.00000	101.30935				0.00	0	0
Total ABN92 SPOT										0.00	0	0
Total For ABN92										0.00	0	0
ABS10 On 17/03/2018 Spot Bond			6.14500	101.92004	6.14500	101.90337				0.00	0	0
Total ABS10 SPOT										0.00	0	0
Total For ABS10										0.00	0	0
ABS11 On 09/04/2021 Spot Bond			8.55500	106.89743	8.55500	106.87297				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			8.63000	104.73772	8.63000	104.71368				0.00	0	0
Total ABS12 SPOT										0.00	0	0
Total For ABS12										0.00	0	0
ABS12/R On 14/05/2020 Spot Bond			9.20000	103.41298	9.20000	103.38770				0.00	0	0
Total ABS12/R207 SPOT										0.00	0	0
Total For ABS12/R207										0.00	0	0
ABS13 On 14/05/2022 Spot Bond			9.13500	105.42904	9.13500	105.40345				0.00	0	0
Total ABS13 SPOT										0.00	0	0
Total For ABS13										0.00	0	0
ABS14 On 11/11/2020 Spot Bond			8.39500	105.81792	8.39500	105.79428				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			8.98500	106.68794	8.98500	106.66246				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			9.23500	110.29682	9.23500	110.26976				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			9.67000	109.99512	9.67000	109.96689				0.00	0	1,400,000,000
Total ABS17 SPOT										0.00	0	1,400,000,000
Total For ABS17										0.00	0	1,400,000,000
ABS18 On 26/09/2023 Spot Bond			9.15500	103.00903	9.15500	102.98399				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			8.30000	102.27514	8.30000	102.25242				0.00	0	0
Total ABS6 SPOT										0.00	0	0
Total For ABS6										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
ABS7 On 11/09/2026 Spot Bond			9.68500	95.03585	9.68500	95.01102			0.00	0	3,860,000,000
Total ABS7 SPOT									0.00	0	3,860,000,000
Total For ABS7									0.00	0	3,860,000,000
ABS7/F On 11/09/2026 Spot Bond			100.00000	9.08279	100.00000	9.06247			0.00	0	0
Total ABS7/R186 SPOT									0.00	0	0
Total For ABS7/R186									0.00	0	0
ABSI2 On 07/12/2023 Spot Bond			3.47000	281.87934	3.47000	281.83457			0.00	0	0
Total ABSI2 SPOT									0.00	0	0
Total For ABSI2									0.00	0	0
ABSI4 On 31/01/2022 Spot Bond			2.85000	143.89408	2.85000	146.76367			0.00	0	0
Total ABSI4 SPOT									0.00	0	0
Total For ABSI4									0.00	0	0
ABT01L On 12/09/2022 Spot Bond			100.00000	16.51668	100.00000	16.46454			0.00	0	0
Total ABT01U SPOT									0.00	0	0
Total For ABT01U									0.00	0	0
ACIF1L On 08/07/2025 Spot Bond			100.00000	0.07126	100.00000	0.07107			0.00	0	0
Total ACIF1U SPOT									0.00	0	0
Total For ACIF1U									0.00	0	0
ACL02L On 20/03/2018 Spot Bond			100.00000	81.59768	100.00000	81.41794			0.00	0	0
Total ACL02U SPOT									0.00	0	0
Total For ACL02U									0.00	0	0
ACL047 On 22/10/2018 Spot Bond				100.00000	0.00000	91.83330			0.00	0	0
Total ACL047 SPOT									0.00	0	0
Total For ACL047									0.00	0	0
ACL089 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700			0.00	0	0
Total ACL089/JIBAR SPOT									0.00	0	0
Total For ACL089/JIBAR									0.00	0	0
ACL095 On 20/12/2018 Spot Bond				100.00000	0.00000	100.02416			0.00	0	0
Total ACL095 SPOT									0.00	0	0
Total For ACL095									0.00	0	0
ACL096 On 20/06/2020 Spot Bond				100.00000	0.00000	100.02456			0.00	0	0
Total ACL096 SPOT									0.00	0	0
Total For ACL096									0.00	0	0
ACL097 On 20/12/2025 Spot Bond				100.00000	0.00000	100.02473			0.00	0	0
Total ACL097 SPOT									0.00	0	0
Total For ACL097									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
ACL09€ On 20/12/2025 Spot Bond				100.00000	0.00000	100.02422				0.00	0	0
Total ACL098 SPOT										0.00	0	0
Total For ACL098										0.00	0	0
ACL10€ On 20/12/2017 Spot Bond				100.00000	0.00000	100.02335				0.00	0	0
Total ACL100 SPOT										0.00	0	0
Total For ACL100										0.00	0	0
ACL10€ On 20/12/2019 Spot Bond			8.65000	102.78183	8.65000	102.75767				0.00	0	0
Total ACL104 SPOT										0.00	0	0
Total For ACL104										0.00	0	0
ACL12€ On 20/09/2021 Spot Bond				100.00000	0.00000	213.44028				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				100.00000	0.00000	213.54012				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				100.00000	0.00000	100.02377				0.00	0	0
Total ACL129 SPOT										0.00	0	0
Total For ACL129										0.00	0	0
ACL14€ On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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				100.00000	0.00000	100.02387				0.00	0	0
Total ACL145 SPOT										0.00	0	0
Total For ACL145										0.00	0	0
ACL16€ On 20/03/2022 Spot Bond			10.23000	100.05513	10.23000	100.02757				0.00	0	0
Total ACL161 SPOT										0.00	0	0
Total For ACL161										0.00	0	0
ACL16€ On 20/06/2019 Spot Bond			8.95000	103.83445	8.95000	103.80961				0.00	0	0
Total ACL167 SPOT										0.00	0	0
Total For ACL167										0.00	0	0
ACL17€ On 20/06/2019 Spot Bond				100.00000	0.00000	100.02394				0.00	0	0
Total ACL174 SPOT										0.00	0	0
Total For ACL174										0.00	0	0
ACL17€ On 20/06/2019 Spot Bond				100.00000	0.00000	100.02258				0.00	0	0
Total ACL175 SPOT										0.00	0	0
Total For ACL175										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
ACL183 On 20/06/2019 Spot Bond				100.00000	0.00000	101.05360				0.00	0	0
Total ACL183 SPOT										0.00	0	0
Total For ACL183										0.00	0	0
ACL184 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL184 SPOT										0.00	0	0
Total For ACL184										0.00	0	0
ACL185 On 20/09/2022 Spot Bond				100.00000	0.00000	100.02363				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				100.00000	0.00000	100.02386				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				100.00000	0.00000	100.02420				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				100.00000	0.00000	100.02437				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				100.00000	0.00000	100.02437				0.00	0	0
Total ACL194 SPOT										0.00	0	0
Total For ACL194										0.00	0	0
ACL196 On 20/12/2017 Spot Bond				100.00000	0.00000	100.02335				0.00	0	0
Total ACL196 SPOT										0.00	0	0
Total For ACL196										0.00	0	0
ACL201 On 20/12/2022 Spot Bond				100.00000	0.00000	100.02484				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				100.00000	0.00000	100.02484				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				100.00000	0.00000	148.78659				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				100.00000	0.00000	149.78493				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
ACL208 On 20/03/2018 Spot Bond				100.00000	0.00000	100.02190			0.00	0	0
Total ACL208 SPOT									0.00	0	0
Total For ACL208									0.00	0	0
ACL210 On 20/05/2018 Spot Bond				100.00000	0.00000	100.70007			0.00	0	0
Total ACL210 SPOT									0.00	0	0
Total For ACL210									0.00	0	0
ACL212 On 20/09/2018 Spot Bond				100.00000	0.00000	100.02231			0.00	0	0
Total ACL212 SPOT									0.00	0	0
Total For ACL212									0.00	0	0
ACL213 On 20/06/2018 Spot Bond				100.00000	0.00000	99.80838			0.00	0	0
Total ACL213 SPOT									0.00	0	0
Total For ACL213									0.00	0	0
ACL214 On 20/09/2020 Spot Bond				100.00000	0.00000	92.87132			0.00	0	0
Total ACL214 SPOT									0.00	0	0
Total For ACL214									0.00	0	0
ACL215 On 20/09/2018 Spot Bond				100.00000	0.00000	100.02201			0.00	0	0
Total ACL215 SPOT									0.00	0	0
Total For ACL215									0.00	0	0
ACL216 On 20/12/2018 Spot Bond				100.00000	0.00000	100.02200			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				100.00000	0.00000	100.02355			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				100.00000	0.00000	101.04861			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				100.00000	0.00000	101.45013			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				100.00000	0.00000	100.02342			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				100.00000	0.00000	100.02303			0.00	0	0
Total ACL222 SPOT									0.00	0	0
Total For ACL222									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
ADCB0 On 08/03/2018 Spot Bond				100.00000	0.00000	100.11872			0.00	0	0
Total ADCB01 SPOT									0.00	0	0
Total For ADCB01									0.00	0	0
ADCB0 On 08/03/2018 Spot Bond			100.00000	84.56149	100.00000	84.37018			0.00	0	0
ADCB0 On 08/03/2018 Spot Bond			100.00000	84.56149	100.00000	84.37018			0.00	0	0
Total ADCB01/JIBAR SPOT									0.00	0	0
Total For ADCB01/JIBAR									0.00	0	0
ADCB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.66714			0.00	0	0
Total ADCB04 SPOT									0.00	0	0
Total For ADCB04									0.00	0	0
ADCB0 On 04/12/2018 Spot Bond				100.00000	0.00000	100.45187			0.00	0	0
Total ADCB05 SPOT									0.00	0	0
Total For ADCB05									0.00	0	0
ADCB2 On 31/07/2018 Spot Bond			100.00000	63.17196	100.00000	63.01893			0.00	0	0
Total ADCB2U SPOT									0.00	0	0
Total For ADCB2U									0.00	0	0
AECI00 On 21/12/2017 Spot Bond				100.00000	0.00000	100.89301			0.00	0	0
Total AECI00 SPOT									0.00	0	0
Total For AECI00									0.00	0	0
AHF2A: On 18/10/2018 Spot Bond				100.00000	0.00000	101.64343			0.00	0	0
Total AHF2A2 SPOT									0.00	0	0
Total For AHF2A2									0.00	0	0
AHF2B: On 18/10/2018 Spot Bond				100.00000	0.00000	101.69648			0.00	0	0
Total AHF2B2 SPOT									0.00	0	0
Total For AHF2B2									0.00	0	0
AHF2C: On 18/10/2018 Spot Bond				100.00000	0.00000	101.87325			0.00	0	0
Total AHF2C2 SPOT									0.00	0	0
Total For AHF2C2									0.00	0	0
AHF3A: On 18/04/2019 Spot Bond				100.00000	0.00000	101.59039			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				100.00000	0.00000	101.60808			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				100.00000	0.00000	102.04997			0.00	0	0
Total AHF3B2 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 AHF3B2									0.00	0	0
AHF3B: On 18/04/2019 Spot Bond				100.00000	0.00000	101.96166			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				100.00000	0.00000	102.68490			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				100.00000	0.00000	102.42054			0.00	0	0
Total AHF3C3 SPOT									0.00	0	0
Total For AHF3C3									0.00	0	0
AHL01L On 15/04/2020 Spot Bond			100.00000	43.14319	100.00000	43.02823			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	16.31683	100.00000	16.27335			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	11.65049	100.00000	11.61944			0.00	0	0
Total AHY2U SPOT									0.00	0	0
Total For AHY2U									0.00	0	0
AIG2U On 08/07/2026 Spot Bond			100.00000	9.49189	100.00000	9.46660			0.00	0	0
Total AIG2U SPOT									0.00	0	0
Total For AIG2U									0.00	0	0
AIR01 On 15/03/2019 Spot Bond			8.07000	100.86136	8.07000	100.83932		16,291,716,000,000.00	2,018,800,000	2,018,800,000	
Total AIR01 SPOT								16,291,716,000,000.00	2,018,800,000	2,018,800,000	
Total For AIR01								16,291,716,000,000.00	2,018,800,000	2,018,800,000	
AIR02 On 30/04/2023 Spot Bond			9.92500	112.01106	9.92500	111.98142		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			9.27000	102.79328	9.27000	102.76797		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	16.12833	100.00000	16.09264		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			10.46500	99.89739	10.46500	99.86970		0.00	0	0	
Total AIR05 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 AIR05										0.00	0	0
AIRL01 On 30/04/2028 Spot Bond			3.55000	176.06992	3.55000	176.04158				0.00	0	0
Total AIRL01 SPOT										0.00	0	0
Total For AIRL01										0.00	0	0
APF01 On 26/09/2017 Spot Bond				100.00000	0.00000	99.88687				0.00	0	0
Total APF01 SPOT										0.00	0	0
Total For APF01										0.00	0	0
APF02 On 26/09/2019 Spot Bond				100.00000	0.00000	100.42748				0.00	0	0
Total APF02 SPOT										0.00	0	0
Total For APF02										0.00	0	0
APF03 On 07/08/2018 Spot Bond				100.00000	0.00000	101.22927				0.00	1,200,000,000	600,000,000
Total APF03 SPOT										0.00	1,200,000,000	600,000,000
Total For APF03										0.00	1,200,000,000	600,000,000
APF04 On 21/10/2021 Spot Bond				100.00000	0.00000	101.60877				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				100.00000	0.00000	100.69985				0.00	0	0
Total APF05 SPOT										0.00	0	0
Total For APF05										0.00	0	0
APF06 On 24/08/2022 Spot Bond				100.00000	0.00000	100.71869				0.00	0	0
Total APF06 SPOT										0.00	0	0
Total For APF06										0.00	0	0
AS116L On 18/01/2018 Spot Bond			100.00000	95.35263	100.00000	95.11123				0.00	0	0
Total AS116U SPOT										0.00	0	0
Total For AS116U										0.00	0	0
AS120L On 01/02/2018 Spot Bond			100.00000	92.15852	100.00000	91.93320				0.00	0	0
Total AS120U SPOT										0.00	0	0
Total For AS120U										0.00	0	0
AS126L On 19/02/2019 Spot Bond			100.00000	42.08866	100.00000	41.98669				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	42.03389	100.00000	41.93207				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	3.47713	100.00000	3.47220				0.00	0	0
Total AS133U 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 AS133U										0.00	0	0
AS139L On 30/03/2026 Spot Bond			100.00000	0.12341	100.00000	0.12328				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	12.42629	100.00000	12.39586				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	20.11955	100.00000	20.07028				0.00	0	0
Total AS168U SPOT										0.00	0	0
Total For AS168U										0.00	0	0
AS180L On 09/03/2019 Spot Bond			100.00000	39.89719	100.00000	39.79948				0.00	0	0
Total AS180U SPOT										0.00	0	0
Total For AS180U										0.00	0	0
ASN01 On 20/03/2019 Spot Bond				100.00000	0.00000	100.02264				0.00	0	0
Total ASN011 SPOT										0.00	0	0
Total For ASN011										0.00	0	0
ASN01 On 20/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN014 SPOT										0.00	0	0
Total For ASN014										0.00	0	0
ASN02 On 07/12/2033 Spot Bond			3.38000	241.23445	3.38000	241.19673				0.00	0	0
Total ASN022 SPOT										0.00	0	0
Total For ASN022										0.00	0	0
ASN02 On 20/06/2019 Spot Bond				100.00000	0.00000	98.98938				0.00	0	0
Total ASN028 SPOT										0.00	0	0
Total For ASN028										0.00	0	0
ASN03 On 19/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN032 SPOT										0.00	0	0
Total For ASN032										0.00	0	0
ASN03 On 20/06/2019 Spot Bond				100.00000	0.00000	100.00000				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				100.00000	0.00000	101.03297				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			3.39500	215.06952	3.39500	215.03580				0.00	0	0
Total ASN037 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 ASN037										0.00	0	0
ASN04 On 21/11/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN041 SPOT										0.00	0	0
Total For ASN041										0.00	0	0
ASN04 On 12/03/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN048 SPOT										0.00	0	0
Total For ASN048										0.00	0	0
ASN05 On 19/03/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN051 SPOT										0.00	0	0
Total For ASN051										0.00	0	0
ASN05 On 16/04/2018 Spot Bond				100.00000	0.00000	101.65335				0.00	0	0
Total ASN057 SPOT										0.00	0	0
Total For ASN057										0.00	0	0
ASN05 On 22/04/2020 Spot Bond				100.00000	0.00000	101.51617				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				100.00000	0.00000	101.40796				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				100.00000	0.00000	101.30945				0.00	0	0
Total ASN061 SPOT										0.00	0	0
Total For ASN061										0.00	0	0
ASN06 On 14/05/2018 Spot Bond				100.00000	0.00000	99.65606				0.00	0	0
Total ASN062 SPOT										0.00	0	0
Total For ASN062										0.00	0	0
ASN06 On 22/05/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN064 SPOT										0.00	0	0
Total For ASN064										0.00	0	0
ASN06 On 01/06/2018 Spot Bond				100.00000	0.00000	100.48217				0.00	0	0
Total ASN066 SPOT										0.00	0	0
Total For ASN066										0.00	0	0
ASN06 On 15/06/2018 Spot Bond				100.00000	0.00000	100.13111				0.00	0	0
Total ASN068 SPOT										0.00	0	0
Total For ASN068										0.00	0	0
ASN06 On 07/02/2020 Spot Bond				100.00000	0.00000	101.10966				0.00	0	0
Total ASN069 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 ASN069									0.00	0	0
ASN07: On 02/07/2018 Spot Bond				100.00000	0.00000	97.02495			0.00	0	0
Total ASN073 SPOT									0.00	0	0
Total For ASN073									0.00	0	0
ASN07: On 23/07/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ASN077 SPOT									0.00	0	0
Total For ASN077									0.00	0	0
ASN07: On 20/06/2020 Spot Bond				100.00000	0.00000	100.02651			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				100.00000	0.00000	100.02264			0.00	0	0
Total ASN080 SPOT									0.00	0	0
Total For ASN080									0.00	0	0
ASN08: On 10/12/2017 Spot Bond				100.00000	0.00000	100.24996			0.00	0	0
Total ASN081 SPOT									0.00	0	0
Total For ASN081									0.00	0	0
ASN08: On 20/06/2020 Spot Bond				100.00000	0.00000	99.66391			0.00	0	10,200,000
Total ASN083 SPOT									0.00	0	10,200,000
Total For ASN083									0.00	0	10,200,000
ASN08: On 03/09/2020 Spot Bond				100.00000	0.00000	100.47469			0.00	0	0
Total ASN084 SPOT									0.00	0	0
Total For ASN084									0.00	0	0
ASN08: On 25/09/2018 Spot Bond				100.00000	0.00000	99.88868			0.00	0	0
Total ASN086 SPOT									0.00	0	0
Total For ASN086									0.00	0	0
ASN08: On 01/10/2020 Spot Bond				100.00000	0.00000	124.03140			0.00	0	0
Total ASN087 SPOT									0.00	0	0
Total For ASN087									0.00	0	0
ASN08: On 05/10/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ASN088 SPOT									0.00	0	0
Total For ASN088									0.00	0	0
ASN09: On 08/10/2018 Spot Bond				100.00000	0.00000	101.81375			0.00	0	0
Total ASN090 SPOT									0.00	0	0
Total For ASN090									0.00	0	0
ASN09: On 16/10/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ASN091 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 ASN091										0.00	0	0
ASN09: On 21/10/2020 Spot Bond				100.00000	0.00000	101.55822				0.00	0	0
Total ASN092 SPOT										0.00	0	0
Total For ASN092										0.00	0	0
ASN09: On 27/10/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN094 SPOT										0.00	0	0
Total For ASN094										0.00	0	0
ASN09: On 10/11/2020 Spot Bond				100.00000	0.00000	101.05722				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				100.00000	0.00000	75.83614				0.00	0	0
Total ASN099 SPOT										0.00	0	0
Total For ASN099										0.00	0	0
ASN11: On 02/12/2020 Spot Bond				100.00000	0.00000	100.43368				0.00	0	0
Total ASN111 SPOT										0.00	0	0
Total For ASN111										0.00	0	0
ASN11: On 20/12/2017 Spot Bond				100.00000	0.00000	100.02349				0.00	0	0
Total ASN112 SPOT										0.00	0	0
Total For ASN112										0.00	0	0
ASN11: On 07/03/2021 Spot Bond				100.00000	0.00000	100.35344				0.00	0	0
Total ASN113 SPOT										0.00	0	0
Total For ASN113										0.00	0	0
ASN11: On 03/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN114 SPOT										0.00	0	0
Total For ASN114										0.00	0	0
ASN11: On 10/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN115 SPOT										0.00	0	0
Total For ASN115										0.00	0	0
ASN11: On 27/01/2018 Spot Bond				100.00000	0.00000	101.34609				0.00	0	0
Total ASN119 SPOT										0.00	0	0
Total For ASN119										0.00	0	0
ASN12: On 20/12/2020 Spot Bond				100.00000	0.00000	100.02992				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				100.00000	0.00000	100.02312				0.00	0	0
Total ASN125 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 ASN125										0.00	0	0
ASN12: On 24/02/2019 Spot Bond				100.00000	0.00000	100.70604				0.00	0	0
Total ASN128 SPOT										0.00	0	0
Total For ASN128										0.00	0	0
ASN12: On 24/02/2019 Spot Bond				100.00000	0.00000	100.70705				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				100.00000	0.00000	100.69474				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				100.00000	0.00000	100.42913				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				100.00000	0.00000	100.42570				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				100.00000	0.00000	100.02967				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				100.00000	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				100.00000	0.00000	88.02000				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			3.58000	142.50685	3.58000	142.48386				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				100.00000	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				100.00000	0.00000	88.02000				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				100.00000	0.00000	102.21997				0.00	0	0
Total ASN143 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 ASN143										0.00	0	0
ASN14: On 28/04/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN144 SPOT										0.00	0	0
Total For ASN144										0.00	0	0
ASN14: On 20/06/2021 Spot Bond				100.00000	0.00000	58.51370				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				100.00000	0.00000	101.20877				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				100.00000	0.00000	101.20877				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			3.62500	142.24792	3.62500	142.22481				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				100.00000	0.00000	109.69839				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				100.00000	0.00000	100.44289				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			4.14000	158.18743	4.14000	158.15946				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				100.00000	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				100.00000	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				100.00000	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				100.00000	0.00000	101.13178				0.00	0	0
Total ASN160 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 ASN160										0.00	0	0
ASN16: On 19/08/2021 Spot Bond				100.00000	0.00000	100.78385				0.00	0	0
Total ASN161 SPOT										0.00	0	0
Total For ASN161										0.00	0	0
ASN16: On 29/08/2021 Spot Bond				100.00000	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				100.00000	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				100.00000	0.00000	100.02479				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				100.00000	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				100.00000	0.00000	100.41544				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				100.00000	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				100.00000	0.00000	100.00000				0.00	0	0
Total ASN177 SPOT										0.00	0	0
Total For ASN177										0.00	0	0
ASN17: On 30/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN178 SPOT										0.00	0	0
Total For ASN178										0.00	0	0
ASN17: On 25/02/2022 Spot Bond				100.00000	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				100.00000	0.00000	100.02627				0.00	0	0
Total ASN181 SPOT										0.00	0	0
Total For ASN181										0.00	0	0
ASN18: On 11/10/2017 Spot Bond				100.00000	0.00000	101.64532				0.00	0	0
Total ASN184 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 ASN184										0.00	0	0
ASN18: On 25/04/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN185 SPOT										0.00	0	0
Total For ASN185										0.00	0	0
ASN18: On 05/12/2017 Spot Bond				100.00000	0.00000	100.34847				0.00	0	0
Total ASN189 SPOT										0.00	0	0
Total For ASN189										0.00	0	0
ASN19: On 12/06/2020 Spot Bond				100.00000	0.00000	100.21891				0.00	0	0
Total ASN190 SPOT										0.00	0	0
Total For ASN190										0.00	0	0
ASN19: On 15/06/2018 Spot Bond				100.00000	0.00000	101.88264				0.00	0	0
Total ASN191 SPOT										0.00	0	0
Total For ASN191										0.00	0	0
ASN19: On 27/06/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN192 SPOT										0.00	0	0
Total For ASN192										0.00	0	0
ASN19: On 12/07/2022 Spot Bond				100.00000	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				100.00000	0.00000	99.73393				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			3.65000	106.42475	3.65000	106.40740				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				100.00000	0.00000	100.02223				0.00	0	0
Total ASN196 SPOT										0.00	0	0
Total For ASN196										0.00	0	0
ASN19: On 09/04/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN197 SPOT										0.00	0	0
Total For ASN197										0.00	0	0
ASN19: On 04/05/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN198 SPOT										0.00	0	0
Total For ASN198										0.00	0	0
ASN19: On 01/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN199 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 ASN199										0.00	0	0
ASN201 On 25/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN200 SPOT										0.00	0	0
Total For ASN200										0.00	0	0
ASN201 On 21/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN201 SPOT										0.00	0	0
Total For ASN201										0.00	0	0
ASN202 On 18/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN202 SPOT										0.00	0	0
Total For ASN202										0.00	0	0
ASN203 On 20/06/2022 Spot Bond				100.00000	0.00000	100.02244				0.00	0	0
Total ASN203 SPOT										0.00	0	0
Total For ASN203										0.00	0	0
ASN204 On 20/06/2022 Spot Bond				100.00000	0.00000	100.02396				0.00	0	0
Total ASN204 SPOT										0.00	0	0
Total For ASN204										0.00	0	0
ASN207 On 25/08/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN207 SPOT										0.00	0	0
Total For ASN207										0.00	0	0
ASN208 On 24/08/2021 Spot Bond				100.00000	0.00000	100.81535				0.00	0	0
Total ASN208 SPOT										0.00	0	0
Total For ASN208										0.00	0	0
ASN209 On 24/08/2025 Spot Bond				100.00000	0.00000	100.88637				0.00	0	0
Total ASN209 SPOT										0.00	0	0
Total For ASN209										0.00	0	0
ASN210 On 28/08/2020 Spot Bond				100.00000	0.00000	100.53053				0.00	0	0
Total ASN210 SPOT										0.00	0	0
Total For ASN210										0.00	0	0
ASN211 On 05/03/2018 Spot Bond				100.00000	0.00000	100.37020				0.00	0	0
Total ASN211 SPOT										0.00	0	0
Total For ASN211										0.00	0	0
ASN212 On 02/09/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN212 SPOT										0.00	0	0
Total For ASN212										0.00	0	0
ASN213 On 01/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN213 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 ASN213										0.00	0	0
ASN21 On 29/08/2022 Spot Bond				100.00000	0.00000	100.26220				0.00	0	0
Total ASN214 SPOT										0.00	0	0
Total For ASN214										0.00	0	0
ASN21 On 14/09/2018 Spot Bond				100.00000	0.00000	100.16088				0.00	0	0
Total ASN215 SPOT										0.00	0	0
Total For ASN215										0.00	0	0
ASN38 On 20/12/2017 Spot Bond			100.00000	81.99275	100.00000	81.81255				0.00	0	0
Total ASN38U SPOT										0.00	0	0
Total For ASN38U										0.00	0	0
ASN39 On 20/12/2017 Spot Bond			100.00000	82.01285	100.00000	81.83260				0.00	0	100,000,000
Total ASN39U SPOT										0.00	0	100,000,000
Total For ASN39U										0.00	0	100,000,000
ASN40 On 20/12/2017 Spot Bond			100.00000	81.92240	100.00000	81.74235				0.00	0	100,000,000
Total ASN40U SPOT										0.00	0	100,000,000
Total For ASN40U										0.00	0	100,000,000
ASN50 On 16/03/2018 Spot Bond			100.00000	82.59071	100.00000	82.40717				0.00	0	0
Total ASN50U SPOT										0.00	0	0
Total For ASN50U										0.00	0	0
ASN75 On 20/09/2020 Spot Bond			100.00000	15.48305	100.00000	15.44512				0.00	0	0
Total ASN75U SPOT										0.00	0	0
Total For ASN75U										0.00	0	0
ASN89 On 02/10/2018 Spot Bond			100.00000	44.67954	100.00000	46.55712				0.00	0	0
Total ASN89U SPOT										0.00	0	0
Total For ASN89U										0.00	0	0
BAR00 On 12/06/2018 Spot Bond				100.00000	0.00000	100.20639				0.00	0	0
Total BAR001 SPOT										0.00	0	0
Total For BAR001										0.00	0	0
BAW11 On 01/10/2018 Spot Bond			8.32000	101.18948	8.32000	101.16695				0.00	0	0
Total BAW11 SPOT										0.00	0	0
Total For BAW11										0.00	0	0
BAW17 On 05/12/2018 Spot Bond				100.00000	0.00000	100.24520				0.00	0	0
Total BAW17 SPOT										0.00	0	0
Total For BAW17										0.00	0	0
BAW17 On 05/12/2018 Spot Bond			100.00000	40.32269	100.00000	40.22394				0.00	0	0
Total BAW17/JIBAR 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 BAW17/JIBAR										0.00	0	0
BAW18 On 05/12/2020 Spot Bond				100.00000	0.00000	100.27915				0.00	0	0
Total BAW18 SPOT										0.00	0	0
Total For BAW18										0.00	0	0
BAW19 On 05/12/2020 Spot Bond			9.00500	104.33643	9.00500	104.31133				0.00	0	1,000,000,000
Total BAW19 SPOT										0.00	0	1,000,000,000
Total For BAW19										0.00	0	1,000,000,000
BAW21 On 24/03/2022 Spot Bond			9.10500	100.64019	9.10500	100.61584				0.00	0	150,000,000
Total BAW21 SPOT										0.00	0	150,000,000
Total For BAW21										0.00	0	150,000,000
BAW21 On 24/03/2022 Spot Bond			9.30000	99.93257	9.30000	99.90788				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				100.00000	0.00000	100.35343				0.00	0	0
Total BAW22 SPOT										0.00	0	0
Total For BAW22										0.00	0	0
BAW23 On 15/10/2017 Spot Bond			100.00000	96.12999	100.00000	95.88288				0.00	0	0
Total BAW23U SPOT										0.00	0	0
Total For BAW23U										0.00	0	0
BAW24 On 30/09/2019 Spot Bond				100.00000	0.00000	100.49914				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				100.00000	0.00000	101.08323				0.00	0	0
Total BAW25 SPOT										0.00	0	0
Total For BAW25										0.00	0	0
BAW26 On 11/05/2021 Spot Bond			100.00000	16.01878	100.00000	15.96877				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	14.02635	100.00000	13.98256				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				100.00000	0.00000	100.38065				0.00	0	0
Total BAW28 SPOT										0.00	0	0
Total For BAW28										0.00	0	0
BAW3 On 02/10/2017 Spot Bond				100.00000	0.00000	102.24102				0.00	0	0
Total BAW3 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 BAW3										0.00	0	0
BAW8 On 02/10/2017 Spot Bond			6.71000	99.81650	6.71000	104.75815				0.00	0	0
Total BAW8 SPOT										0.00	0	0
Total For BAW8										0.00	0	0
BAYA26 On 30/09/2017 Spot Bond			9.29500	99.79669	9.29500	99.77134				0.00	0	0
Total BAYA26 SPOT										0.00	0	0
Total For BAYA26										0.00	0	0
BAYA31 On 31/12/2018 Spot Bond				100.00000	0.00000	99.67391				0.00	0	0
Total BAYA31 SPOT										0.00	0	0
Total For BAYA31										0.00	0	0
BAYA33 On 31/03/2018 Spot Bond				100.00000	0.00000	99.68230				0.00	0	0
Total BAYA33 SPOT										0.00	0	0
Total For BAYA33										0.00	0	0
BAYA34 On 31/03/2018 Spot Bond				100.00000	0.00000	99.67498				0.00	0	0
Total BAYA34 SPOT										0.00	0	0
Total For BAYA34										0.00	0	0
BAYA35 On 31/03/2018 Spot Bond				100.00000	0.00000	99.23638				0.00	0	0
Total BAYA35 SPOT										0.00	0	0
Total For BAYA35										0.00	0	0
BAYA36 On 31/03/2018 Spot Bond				100.00000	0.00000	99.53226				0.00	0	0
Total BAYA36 SPOT										0.00	0	0
Total For BAYA36										0.00	0	0
BAYA39 On 30/09/2018 Spot Bond				100.00000	0.00000	98.85566				0.00	0	0
Total BAYA39 SPOT										0.00	0	0
Total For BAYA39										0.00	0	0
BAYA41 On 30/09/2018 Spot Bond				100.00000	0.00000	100.07732				0.00	0	0
Total BAYA41 SPOT										0.00	0	0
Total For BAYA41										0.00	0	0
BAYA42 On 30/09/2018 Spot Bond				100.00000	0.00000	99.67532				0.00	0	0
Total BAYA42 SPOT										0.00	0	0
Total For BAYA42										0.00	0	0
BAYA45 On 31/03/2019 Spot Bond				100.00000	0.00000	99.67542				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				100.00000	0.00000	99.63567				0.00	0	0
Total BAYA51 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 BAYA51										0.00	0	0
BAYA52 On 31/03/2019 Spot Bond				100.00000	0.00000	99.65068				0.00	0	0
Total BAYA52 SPOT										0.00	0	0
Total For BAYA52										0.00	0	0
BAYA53 On 30/09/2017 Spot Bond				100.00000	0.00000	99.72640				0.00	0	0
Total BAYA53 SPOT										0.00	0	0
Total For BAYA53										0.00	0	0
BAYA54 On 30/09/2019 Spot Bond				100.00000	0.00000	99.65080				0.00	0	0
Total BAYA54 SPOT										0.00	0	0
Total For BAYA54										0.00	0	0
BAYA55 On 31/03/2018 Spot Bond				100.00000	0.00000	99.98289				0.00	0	0
Total BAYA55 SPOT										0.00	0	0
Total For BAYA55										0.00	0	0
BAYA56 On 31/03/2022 Spot Bond				100.00000	0.00000	99.63903				0.00	0	0
Total BAYA56 SPOT										0.00	0	0
Total For BAYA56										0.00	0	0
BAYA57 On 30/06/2020 Spot Bond				100.00000	0.00000	99.65073				0.00	0	0
Total BAYA57 SPOT										0.00	0	0
Total For BAYA57										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			12.82500	104.08479	12.82500	104.04964				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			12.05500	103.57842	12.05500	103.97718				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				100.00000	0.00000	99.65071				0.00	0	0
Total BAYA61 SPOT										0.00	0	0
Total For BAYA61										0.00	0	0
BAYB02 On 30/06/2019 Spot Bond				100.00000	0.00000	99.58124				0.00	0	0
Total BAYB02 SPOT										0.00	0	0
Total For BAYB02										0.00	0	0
BAYB03 On 31/12/2019 Spot Bond				100.00000	0.00000	99.58104				0.00	0	0
Total BAYB03 SPOT										0.00	0	0
Total For BAYB03										0.00	0	0
BAYB04 On 31/03/2020 Spot Bond				100.00000	0.00000	99.58113				0.00	0	0
Total BAYB04 SPOT										0.00	0	0
Total For BAYB04										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 BAYB07										0.00	0	0
BAYB07 On 30/09/2020 Spot Bond				100.00000	0.00000	104.52800				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				100.00000	0.00000	99.56680				0.00	0	0
Total BAYB11 SPOT										0.00	0	0
Total For BAYB11										0.00	0	0
BAYD11 On 30/06/2035 Spot Bond			100.00000	18.33086	100.00000	18.28644				0.00	0	0
Total BAYD11U SPOT										0.00	0	0
Total For BAYD11U										0.00	0	0
BAYD21 On 30/06/2035 Spot Bond			100.00000	16.68314	100.00000	16.64273				0.00	0	0
Total BAYD21U SPOT										0.00	0	0
Total For BAYD21U										0.00	0	0
BAYD31 On 30/06/2035 Spot Bond			100.00000	10.29824	100.00000	10.27329				0.00	0	0
Total BAYD31U SPOT										0.00	0	0
Total For BAYD31U										0.00	0	0
BAYD41 On 30/06/2035 Spot Bond			100.00000	10.29824	100.00000	10.27329				0.00	0	0
Total BAYD41U SPOT										0.00	0	0
Total For BAYD41U										0.00	0	0
BAYD51 On 30/06/2035 Spot Bond			100.00000	12.45105	100.00000	12.42089				0.00	0	0
Total BAYD51U SPOT										0.00	0	0
Total For BAYD51U										0.00	0	0
BAYD61 On 30/06/2035 Spot Bond			100.00000	10.78863	100.00000	10.76250				0.00	0	0
Total BAYD61U SPOT										0.00	0	0
Total For BAYD61U										0.00	0	0
BC1211 On 24/11/2017 Spot Bond			100.00000	88.81951	100.00000	88.61247				0.00	0	0
Total BC1211U SPOT										0.00	0	0
Total For BC1211U										0.00	0	0
BCJ10 On 12/07/2019 Spot Bond				100.00000	0.00000	101.74830				0.00	0	0
Total BCJ10 SPOT										0.00	0	0
Total For BCJ10										0.00	0	0
BCJ11 On 14/11/2017 Spot Bond				100.00000	0.00000	100.87054				0.00	0	0
Total BCJ11 SPOT										0.00	0	0
Total For BCJ11										0.00	0	0
BCJ12 On 23/03/2018 Spot Bond			8.65000	98.57355	8.65000	99.95399				0.00	0	0
Total BCJ12 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 BCJ12									0.00	0	0
BCJ13 On 20/04/2018 Spot Bond				100.00000	0.00000	101.52970			0.00	0	0
Total BCJ13 SPOT									0.00	0	0
Total For BCJ13									0.00	0	0
BD0205 On 28/04/2028 Spot Bond			8.40500	95.23990	8.40500	187.70831			0.00	0	0
Total BD0205 SPOT									0.00	0	0
Total For BD0205									0.00	0	0
BD0206 On 02/03/2028 Spot Bond			8.40500	96.55767	8.40500	188.18527			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			8.79000	98.92031	8.79000	98.89707			0.00	0	0
Total BD0302 SPOT									0.00	0	0
Total For BD0302									0.00	0	0
BEER02 On 28/03/2018 Spot Bond			7.57000	99.66481	7.57000	99.64468			0.00	0	0
Total BEER02 SPOT									0.00	0	0
Total For BEER02									0.00	0	0
BG1A7U On 21/11/2032 Spot Bond			100.00000	9.23152	100.00000	9.20915			0.00	0	0
Total BG1A7U SPOT									0.00	0	0
Total For BG1A7U									0.00	0	0
BG1A8U On 21/11/2032 Spot Bond			100.00000	7.98871	100.00000	7.96935			0.00	0	0
Total BG1A8U SPOT									0.00	0	0
Total For BG1A8U									0.00	0	0
BG1B2U On 21/11/2032 Spot Bond			100.00000	7.98871	100.00000	7.96935			0.00	0	0
Total BG1B2U SPOT									0.00	0	0
Total For BG1B2U									0.00	0	0
BG1C2U On 21/11/2032 Spot Bond			100.00000	8.47503	100.00000	8.45449			0.00	0	0
Total BG1C2U SPOT									0.00	0	0
Total For BG1C2U									0.00	0	0
BG1D2U On 21/11/2032 Spot Bond			100.00000	8.63713	100.00000	8.61620			0.00	0	0
Total BG1D2U SPOT									0.00	0	0
Total For BG1D2U									0.00	0	0
BG1E2U On 21/11/2032 Spot Bond			100.00000	11.33890	100.00000	11.31142			0.00	0	0
Total BG1E2U SPOT									0.00	0	0
Total For BG1E2U									0.00	0	0
BG1F2U On 21/11/2032 Spot Bond			100.00000	15.66171	100.00000	15.62378			0.00	0	0
Total BG1F2U 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 BG1F2U										0.00	0	0
BGL01 On 19/11/2019 Spot Bond				100.00000	0.00000	101.47160				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			9.35000	106.52506	9.35000	106.49861				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				100.00000	0.00000	102.26152				0.00	0	0
Total BGL03 SPOT										0.00	0	0
Total For BGL03										0.00	0	0
BGL04 On 05/02/2020 Spot Bond			9.80000	101.80524	9.80000	101.77878				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			10.65500	102.30989	10.65500	102.28056				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				100.00000	0.00000	101.64143				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			11.30000	102.49800	11.30000	102.46687				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				100.00000	0.00000	100.50179				0.00	0	0
Total BGL08 SPOT										0.00	0	0
Total For BGL08										0.00	0	0
BGL09 On 29/09/2020 Spot Bond			10.65500	101.67010	10.65500	101.64142				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				100.00000	0.00000	101.34981				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			11.03500	105.13126	11.03500	108.73871				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				100.00000	0.00000	103.03214				0.00	0	0
Total BGL12 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 BGL12										0.00	0	0
BGL13 On 20/08/2021 Spot Bond			10.50500	104.90939	10.50500	104.88021				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				100.00000	0.00000	103.16188				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				100.00000	0.00000	100.03120				0.00	0	0
Total BGL15 SPOT										0.00	0	0
Total For BGL15										0.00	0	0
BGL16 On 25/05/2022 Spot Bond				100.00000	0.00000	100.81440				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				100.00000	0.00000	101.14731				0.00	0	0
Total BGL17 SPOT										0.00	0	0
Total For BGL17										0.00	0	0
BGR04 On 28/02/2018 Spot Bond				100.00000	0.00000	104.91438				0.00	0	0
Total BGR04 SPOT										0.00	0	0
Total For BGR04										0.00	0	0
BGT01 On 12/09/2022 Spot Bond				100.00000	0.00000	100.34870				0.00	0	0
Total BGT01 SPOT										0.00	0	0
Total For BGT01										0.00	0	0
BID04 On 23/11/2017 Spot Bond				100.00000	0.00000	100.75661				0.00	1,000,000,000	1,000,000,000
Total BID04 SPOT										0.00	1,000,000,000	1,000,000,000
Total For BID04										0.00	1,000,000,000	1,000,000,000
BID05 On 30/06/2019 Spot Bond				100.00000	0.00000	99.02857				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			8.22000	103.03697	8.22000	103.01430				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				100.00000	0.00000	99.75299				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				100.00000	0.00000	99.74713				0.00	0	0
Total BID08 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 BID08										0.00	0	0
BPPF0 On 22/03/2018 Spot Bond				100.00000	0.00000	99.97953				0.00	0	0
Total BPPF01 SPOT										0.00	0	0
Total For BPPF01										0.00	0	0
BPPF0 On 22/03/2020 Spot Bond				100.00000	0.00000	99.97752				0.00	0	0
Total BPPF02 SPOT										0.00	0	0
Total For BPPF02										0.00	0	0
BPPF0 On 17/09/2018 Spot Bond				100.00000	0.00000	100.13329				0.00	0	0
Total BPPF03 SPOT										0.00	0	0
Total For BPPF03										0.00	0	0
BPPF0 On 15/09/2020 Spot Bond				100.00000	0.00000	100.14182				0.00	0	0
Total BPPF04 SPOT										0.00	0	0
Total For BPPF04										0.00	0	0
BSR17 On 19/06/2018 Spot Bond				100.00000	0.00000	101.12142				0.00	0	0
Total BSR17 SPOT										0.00	0	0
Total For BSR17										0.00	0	0
BTC18 On 29/09/2017 Spot Bond				100.00000	0.00000	99.83172				0.00	0	0
Total BTC183 SPOT										0.00	0	0
Total For BTC183										0.00	0	0
BTC18 On 06/10/2017 Spot Bond				100.00000	0.00000	99.68470				0.00	0	0
Total BTC184 SPOT										0.00	0	0
Total For BTC184										0.00	0	0
BTC18 On 13/10/2017 Spot Bond				100.00000	0.00000	99.53740				0.00	0	0
Total BTC185 SPOT										0.00	0	0
Total For BTC185										0.00	0	0
BTC18 On 08/11/2017 Spot Bond				100.00000	0.00000	99.02593				0.00	0	0
Total BTC186 SPOT										0.00	0	0
Total For BTC186										0.00	0	0
BTC18 On 15/11/2017 Spot Bond				100.00000	0.00000	98.84667				0.00	0	0
Total BTC187 SPOT										0.00	0	0
Total For BTC187										0.00	0	0
BTC18 On 04/12/2017 Spot Bond				100.00000	0.00000	98.50388				0.00	0	0
Total BTC188 SPOT										0.00	0	0
Total For BTC188										0.00	0	0
BTC18 On 12/12/2017 Spot Bond			100.00000	81.83857	100.00000	81.65548				0.00	0	0
Total BTC189 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 BTC189										0.00	0	0
BTC19 On 09/01/2018 Spot Bond				100.00000	0.00000	97.79245				0.00	0	0
Total BTC190 SPOT										0.00	0	0
Total For BTC190										0.00	0	0
BWZ18 On 27/03/2018 Spot Bond				100.00000	0.00000	99.86186				0.00	0	0
Total BWZ18B SPOT										0.00	0	0
Total For BWZ18B										0.00	0	0
BWZ20 On 27/03/2020 Spot Bond				100.00000	0.00000	99.85696				0.00	0	0
Total BWZ20A SPOT										0.00	0	0
Total For BWZ20A										0.00	0	0
BWZJ1 On 19/11/2018 Spot Bond				100.00000	0.00000	100.76714				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				100.00000	0.00000	101.06289				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				100.00000	0.00000	101.09127				0.00	0	0
Total BWZJ21 SPOT										0.00	0	0
Total For BWZJ21										0.00	0	0
BX161L On 01/10/2021 Spot Bond			100.00000	11.49055	100.00000	11.46270				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	11.43349	100.00000	11.40579				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	11.51907	100.00000	11.49116				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	11.51907	100.00000	11.49116				0.00	0	0
Total BX164U SPOT										0.00	0	0
Total For BX164U										0.00	0	0
BYA49L On 30/06/2018 Spot Bond			100.00000	66.33908	100.00000	66.17837				0.00	0	0
Total BYA49U SPOT										0.00	0	0
Total For BYA49U										0.00	0	0
BYB10L On 30/09/2021 Spot Bond			100.00000	17.39955	100.00000	17.35740				0.00	0	0
Total BYB10U 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 BYB10U										0.00	0	0
CBL12 On 06/09/2018 Spot Bond			14.52000	97.72111	14.52000	97.68329				0.00	0	0
Total CBL12 SPOT										0.00	0	0
Total For CBL12										0.00	0	0
CBL13 On 01/02/2019 Spot Bond				100.00000	0.00000	102.57222				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			12.32000	100.66015	12.32000	100.62746				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				100.00000	0.00000	100.99392				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			11.82000	99.60871	11.82000	99.57764				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				100.00000	0.00000	100.59548				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			9.35500	101.24427	9.35500	101.21911				0.00	0	0
Total CBL22 SPOT										0.00	0	0
Total For CBL22										0.00	0	0
CBL23 On 18/05/2018 Spot Bond				100.00000	0.00000	100.89881				0.00	0	0
Total CBL23 SPOT										0.00	0	0
Total For CBL23										0.00	0	0
CBL24 On 02/11/2020 Spot Bond				100.00000	0.00000	101.33910				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				100.00000	0.00000	101.13641				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			9.65500	108.53238	9.65500	108.50457				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				100.00000	0.00000	100.95840				0.00	0	0
Total CBL27 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 CBL27										0.00	0	0
CCT01 On 23/06/2023 Spot Bond			10.21000	113.16439	10.21000	113.13360				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			9.63500	112.83565	9.63500	112.80664				0.00	0	0
Total CCT02 SPOT										0.00	0	0
Total For CCT02										0.00	0	0
CCT03 On 15/03/2025 Spot Bond			9.98500	106.30124	9.98500	106.27263				0.00	0	0
Total CCT03 SPOT										0.00	0	0
Total For CCT03										0.00	0	0
CCT04 On 17/07/2027 Spot Bond			9.71500	111.58577	9.71500	103.42140				0.00	0	0
Total CCT04 SPOT										0.00	0	0
Total For CCT04										0.00	0	0
CGR14 On 13/02/2018 Spot Bond				100.00000	0.00000	102.30425				0.00	0	0
Total CGR14 SPOT										0.00	0	0
Total For CGR14										0.00	0	0
CGR14 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57690				0.00	0	0
Total CGR14/JIBAR SPOT										0.00	0	0
Total For CGR14/JIBAR										0.00	0	0
CGR16 On 22/09/2017 Spot Bond				100.00000	0.00000	99.97289				0.00	0	0
Total CGR16 SPOT										0.00	0	0
Total For CGR16										0.00	0	0
CGR17 On 24/10/2017 Spot Bond				100.00000	0.00000	101.75642				0.00	0	0
Total CGR17 SPOT										0.00	0	0
Total For CGR17										0.00	0	0
CGR18 On 04/05/2018 Spot Bond			100.00000	62.78187	100.00000	62.62978				0.00	0	0
Total CGR18U SPOT										0.00	0	0
Total For CGR18U										0.00	0	0
CGR19 On 04/06/2018 Spot Bond			100.00000	58.27053	100.00000	58.12782				0.00	0	0
Total CGR19U SPOT										0.00	0	0
Total For CGR19U										0.00	0	0
CGR20 On 03/07/2018 Spot Bond			100.00000	67.86838	100.00000	67.70398				0.00	0	0
Total CGR20U SPOT										0.00	0	0
Total For CGR20U										0.00	0	0
CGR21 On 12/10/2020 Spot Bond				100.00000	0.00000	102.32804				0.00	0	0
Total CGR21 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 CGR21										0.00	0	0
CGR23 On 08/02/2019 Spot Bond				100.00000	0.00000	101.34474				0.00	0	0
Total CGR23 SPOT										0.00	0	0
Total For CGR23										0.00	0	0
CGR24 On 08/02/2021 Spot Bond				100.00000	0.00000	102.85647				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				100.00000	0.00000	99.82742				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				100.00000	0.00000	100.82523				0.00	0	0
Total CGR27 SPOT										0.00	0	0
Total For CGR27										0.00	0	0
CGR28 On 08/02/2018 Spot Bond				100.00000	0.00000	101.07123				0.00	0	0
Total CGR28 SPOT										0.00	0	0
Total For CGR28										0.00	0	0
CGR29 On 08/02/2021 Spot Bond				100.00000	0.00000	101.38601				0.00	0	0
Total CGR29 SPOT										0.00	0	0
Total For CGR29										0.00	0	0
CGR31 On 27/06/2018 Spot Bond				100.00000	0.00000	99.86420				0.00	0	0
Total CGR31 SPOT										0.00	0	0
Total For CGR31										0.00	0	0
CGR32 On 21/07/2020 Spot Bond				100.00000	0.00000	101.94435				0.00	0	0
Total CGR32 SPOT										0.00	0	0
Total For CGR32										0.00	0	0
CIG04 On 30/06/2018 Spot Bond				100.00000	0.00000	103.02203				0.00	0	0
Total CIG04 SPOT										0.00	0	0
Total For CIG04										0.00	0	0
CIG05 On 30/06/2019 Spot Bond				100.00000	0.00000	103.61236				0.00	0	0
Total CIG05 SPOT										0.00	0	0
Total For CIG05										0.00	0	0
CIG06 On 28/08/2018 Spot Bond				100.00000	0.00000	100.67068				0.00	0	0
Total CIG06 SPOT										0.00	0	0
Total For CIG06										0.00	0	0
CIG07 On 28/08/2020 Spot Bond				100.00000	0.00000	102.23362				0.00	0	0
Total CIG07 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 CIG07										0.00	0	0
CIG09L On 07/06/2019 Spot Bond			100.00000	30.20873	100.00000	30.13474				0.00	0	0
Total CIG09U SPOT										0.00	0	0
Total For CIG09U										0.00	0	0
CIG10 On 29/07/2019 Spot Bond				100.00000	0.00000	101.45077				0.00	0	0
Total CIG10 SPOT										0.00	0	0
Total For CIG10										0.00	0	0
CIG11 On 29/07/2020 Spot Bond				100.00000	0.00000	101.48870				0.00	0	0
Total CIG11 SPOT										0.00	0	0
Total For CIG11										0.00	0	0
CIG12 On 29/07/2021 Spot Bond				100.00000	0.00000	101.54928				0.00	0	0
Total CIG12 SPOT										0.00	0	0
Total For CIG12										0.00	0	0
CLA1U On 21/11/2019 Spot Bond			100.00000	21.64686	100.00000	21.59442				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	21.64686	100.00000	21.59442				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	21.64686	100.00000	21.59442				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	0.00000				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	23.93923	100.00000	23.88123				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	102.24941	10.11000	102.22201				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	139.77408	3.14000	139.68348				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			3.55000	98.42174	3.55000	136.89354				0.00	0	0
Total CLN198 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 CLN198										0.00	0	0
CLN23 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total CLN230/JIBAR SPOT										0.00	0	0
Total For CLN230/JIBAR										0.00	0	0
CLN23 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total CLN231/JIBAR SPOT										0.00	0	0
Total For CLN231/JIBAR										0.00	0	0
CLN24 On 24/02/2019 Spot Bond			13.50000	95.50778	13.50000	95.47388				0.00	0	0
Total CLN242 SPOT										0.00	0	0
Total For CLN242										0.00	0	0
CLN24 On 24/02/2018 Spot Bond			9.35000	100.67755	9.35000	100.65275				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			8.75000	101.14576	8.75000	101.12222				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	111.60600	10.00000	111.57700				0.00	0	0
Total CLN292/JIBAR SPOT										0.00	0	0
Total For CLN292/JIBAR										0.00	0	0
CLN29 On 20/12/2017 Spot Bond				100.00000	0.00000	100.02596				0.00	0	0
Total CLN296 SPOT										0.00	0	0
Total For CLN296										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	154.95526				0.00	0	0
Total CLN301 SPOT										0.00	0	0
Total For CLN301										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	100.14613				0.00	0	0
Total CLN302 SPOT										0.00	0	0
Total For CLN302										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	156.41166				0.00	0	0
Total CLN303 SPOT										0.00	0	0
Total For CLN303										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	154.57365				0.00	0	0
Total CLN304 SPOT										0.00	0	0
Total For CLN304										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	155.72905				0.00	0	0
Total CLN305 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 CLN305										0.00	0	0
CLN311 On 14/11/2022 Spot Bond				100.00000	0.00000	101.03160				0.00	0	0
Total CLN313 SPOT										0.00	0	0
Total For CLN313										0.00	0	0
CLN314 On 14/11/2022 Spot Bond			10.58500	99.30590	10.58500	99.27807				0.00	0	0
Total CLN314 SPOT										0.00	0	0
Total For CLN314										0.00	0	0
CLN315 On 20/03/2023 Spot Bond			11.10500	95.86053	11.10500	95.83192				0.00	0	0
Total CLN315 SPOT										0.00	0	0
Total For CLN315										0.00	0	0
CLN317 On 20/03/2023 Spot Bond				100.00000	0.00000	100.02636				0.00	0	0
Total CLN317 SPOT										0.00	0	0
Total For CLN317										0.00	0	0
CLN318 On 14/11/2022 Spot Bond				100.00000	0.00000	101.01110				0.00	0	0
Total CLN318 SPOT										0.00	0	0
Total For CLN318										0.00	0	0
CLN320 On 30/04/2018 Spot Bond				100.00000	0.00000	101.42240				0.00	0	0
Total CLN320 SPOT										0.00	0	0
Total For CLN320										0.00	0	0
CLN321 On 30/04/2018 Spot Bond			8.80500	103.45346	8.80500	103.42923				0.00	0	0
Total CLN321 SPOT										0.00	0	0
Total For CLN321										0.00	0	0
CLN325 On 20/06/2018 Spot Bond				100.00000	0.00000	100.02441				0.00	0	0
Total CLN325 SPOT										0.00	0	0
Total For CLN325										0.00	0	0
CLN326 On 20/06/2018 Spot Bond				100.00000	0.00000	100.02482				0.00	0	0
Total CLN326 SPOT										0.00	0	0
Total For CLN326										0.00	0	0
CLN327 On 20/06/2023 Spot Bond				100.00000	0.00000	100.02622				0.00	0	0
Total CLN327 SPOT										0.00	0	0
Total For CLN327										0.00	0	0
CLN328 On 20/06/2018 Spot Bond				100.00000	0.00000	100.15675				0.00	0	0
Total CLN328 SPOT										0.00	0	0
Total For CLN328										0.00	0	0
CLN332 On 20/06/2018 Spot Bond				100.00000	0.00000	100.02722				0.00	0	0
Total CLN332 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 CLN332										0.00	0	0
CLN33: On 20/09/2018 Spot Bond				100.00000	0.00000	133.74741				0.00	0	0
Total CLN337 SPOT										0.00	0	0
Total For CLN337										0.00	0	0
CLN34: On 20/12/2018 Spot Bond				100.00000	0.00000	100.68687				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				100.00000	0.00000	100.02801				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				100.00000	0.00000	100.02200				0.00	0	0
Total CLN344 SPOT										0.00	0	0
Total For CLN344										0.00	0	0
CLN34: On 20/12/2023 Spot Bond				100.00000	0.00000	99.12601				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				100.00000	0.00000	101.32584				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN35: On 30/04/2018 Spot Bond				100.00000	0.00000	101.32366				0.00	0	0
Total CLN358 SPOT										0.00	0	0
Total For CLN358										0.00	0	0
CLN36: On 20/03/2019 Spot Bond				100.00000	0.00000	100.02148				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			9.76500	103.76785	9.76500	103.74051				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				100.00000	0.00000	100.02316				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				100.00000	0.00000	101.32885				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			11.90500	104.83850	11.90500	104.80502				0.00	0	0
Total CLN365 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 CLN365										0.00	0	0
CLN365 On 06/08/2023 Spot Bond				100.00000	0.00000	101.37746				0.00	0	0
Total CLN366 SPOT										0.00	0	0
Total For CLN366										0.00	0	0
CLN366 On 06/08/2023 Spot Bond			11.93500	104.83727	11.93500	104.80425				0.00	0	0
Total CLN367 SPOT										0.00	0	0
Total For CLN367										0.00	0	0
CLN367 On 06/08/2023 Spot Bond				100.00000	0.00000	99.67560				0.00	0	0
Total CLN369 SPOT										0.00	0	0
Total For CLN369										0.00	0	0
CLN369 On 26/07/2022 Spot Bond				100.00000	0.00000	101.50440				0.00	0	0
Total CLN370 SPOT										0.00	0	0
Total For CLN370										0.00	0	0
CLN370 On 20/03/2024 Spot Bond				100.00000	0.00000	100.02778				0.00	0	0
Total CLN371 SPOT										0.00	0	0
Total For CLN371										0.00	0	0
CLN371 On 20/09/2023 Spot Bond				100.00000	0.00000	100.02279				0.00	0	0
Total CLN372 SPOT										0.00	0	0
Total For CLN372										0.00	0	0
CLN372 On 20/09/2023 Spot Bond				100.00000	0.00000	100.02324				0.00	0	0
Total CLN373 SPOT										0.00	0	0
Total For CLN373										0.00	0	0
CLN373 On 20/06/2019 Spot Bond				100.00000	0.00000	100.02340				0.00	0	0
Total CLN374 SPOT										0.00	0	0
Total For CLN374										0.00	0	0
CLN374 On 20/03/2021 Spot Bond			9.05500	102.47843	9.05500	102.45336				0.00	0	0
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0
CLN376 On 20/06/2019 Spot Bond				100.00000	0.00000	95.91724				0.00	0	0
Total CLN378 SPOT										0.00	0	0
Total For CLN378										0.00	0	0
CLN378 On 20/03/2024 Spot Bond			10.98000	98.09658	10.98000	98.06761				0.00	0	0
Total CLN379 SPOT										0.00	0	0
Total For CLN379										0.00	0	0
CLN379 On 20/09/2024 Spot Bond			11.00000	100.05917	11.00000	100.02959				0.00	0	0
Total CLN380 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 CLN380										0.00	0	0
CLN380 On 20/03/2021 Spot Bond				100.00000	0.00000	100.02568				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			11.69500	101.65900	11.69500	101.62708				0.00	0	0
Total CLN384 SPOT										0.00	0	0
Total For CLN384										0.00	0	0
CLN384 On 20/09/2024 Spot Bond				100.00000	0.00000	100.02806				0.00	0	0
Total CLN385 SPOT										0.00	0	0
Total For CLN385										0.00	0	0
CLN385 On 20/03/2021 Spot Bond				100.00000	0.00000	100.02312				0.00	0	0
Total CLN386 SPOT										0.00	0	0
Total For CLN386										0.00	0	0
CLN386 On 26/01/2021 Spot Bond				100.00000	0.00000	101.58927				0.00	0	0
Total CLN387 SPOT										0.00	0	0
Total For CLN387										0.00	0	0
CLN387 On 20/09/2019 Spot Bond				100.00000	0.00000	100.02481				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN388 On 20/12/2019 Spot Bond				100.00000	0.00000	104.90803				0.00	0	0
Total CLN393 SPOT										0.00	0	0
Total For CLN393										0.00	0	0
CLN393 On 20/09/2022 Spot Bond				100.00000	0.00000	100.02337				0.00	0	0
Total CLN394 SPOT										0.00	0	0
Total For CLN394										0.00	0	0
CLN394 On 02/03/2018 Spot Bond				100.00000	0.00000	100.40867				0.00	0	0
Total CLN395 SPOT										0.00	0	0
Total For CLN395										0.00	0	0
CLN395 On 20/03/2020 Spot Bond				100.00000	0.00000	100.02541				0.00	0	0
Total CLN396 SPOT										0.00	0	0
Total For CLN396										0.00	0	0
CLN396 On 20/06/2020 Spot Bond				100.00000	0.00000	100.49649				0.00	0	0
Total CLN397 SPOT										0.00	0	0
Total For CLN397										0.00	0	0
CLN397 On 14/11/2022 Spot Bond				100.00000	0.00000	100.97828				0.00	0	0
Total CLN398 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 CLN398										0.00	0	0
CLN398 On 14/11/2022 Spot Bond				100.00000	0.00000	100.97315				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				100.00000	0.00000	100.02327				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN404 On 21/02/2018 Spot Bond				100.00000	0.00000	100.95002				0.00	0	0
Total CLN404 SPOT										0.00	0	0
Total For CLN404										0.00	0	0
CLN406 On 20/06/2020 Spot Bond				100.00000	0.00000	99.58016				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				100.00000	0.00000	100.02340				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				100.00000	0.00000	101.96120				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				100.00000	0.00000	100.02575				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				100.00000	0.00000	100.02588				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				100.00000	0.00000	101.97002				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				100.00000	0.00000	101.89740				0.00	0	0
Total CLN413 SPOT										0.00	0	0
Total For CLN413										0.00	0	0
CLN414 On 20/09/2020 Spot Bond				100.00000	0.00000	100.03039				0.00	0	0
Total CLN414 SPOT										0.00	0	0
Total For CLN414										0.00	0	0
CLN415 On 20/09/2020 Spot Bond				100.00000	0.00000	100.02678				0.00	0	0
Total CLN415 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 CLN415										0.00	0	0
CLN415 On 18/07/2020 Spot Bond				100.00000	0.00000	102.08472				0.00	0	0
Total CLN416 SPOT										0.00	0	0
Total For CLN416										0.00	0	0
CLN416 On 20/09/2020 Spot Bond			4.00000	100.02189	4.00000	115.66632				0.00	0	0
Total CLN417 SPOT										0.00	0	0
Total For CLN417										0.00	0	0
CLN417 On 23/09/2020 Spot Bond				100.00000	0.00000	99.86445				0.00	0	0
Total CLN418 SPOT										0.00	0	0
Total For CLN418										0.00	0	0
CLN418 On 20/12/2020 Spot Bond				100.00000	0.00000	100.02811				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN419 On 18/04/2028 Spot Bond			7.01000	48.86394	7.01000	48.85487				0.00	0	0
Total CLN42 SPOT										0.00	0	0
Total For CLN42										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	100.02837				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN420 On 26/01/2021 Spot Bond				100.00000	0.00000	101.96587				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0
CLN421 On 20/12/2020 Spot Bond				100.00000	0.00000	110.54730				0.00	0	0
Total CLN422 SPOT										0.00	0	0
Total For CLN422										0.00	0	0
CLN422 On 20/12/2020 Spot Bond				100.00000	0.00000	106.51000				0.00	0	0
Total CLN423 SPOT										0.00	0	0
Total For CLN423										0.00	0	0
CLN423 On 20/12/2020 Spot Bond				100.00000	0.00000	107.56110				0.00	0	0
Total CLN424 SPOT										0.00	0	0
Total For CLN424										0.00	0	0
CLN424 On 20/12/2020 Spot Bond				100.00000	0.00000	102.81030				0.00	0	0
Total CLN425 SPOT										0.00	0	0
Total For CLN425										0.00	0	0
CLN425 On 20/12/2020 Spot Bond				100.00000	0.00000	107.33250				0.00	0	0
Total CLN426 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 CLN426										0.00	0	0
CLN427 On 20/12/2018 Spot Bond				100.00000	0.00000	102.07857				0.00	0	0
Total CLN427 SPOT										0.00	0	0
Total For CLN427										0.00	0	0
CLN428 On 15/11/2020 Spot Bond				100.00000	0.00000	100.98466				0.00	0	0
Total CLN428 SPOT										0.00	0	0
Total For CLN428										0.00	0	0
CLN429 On 20/12/2020 Spot Bond				100.00000	0.00000	100.03353				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				100.00000	0.00000	118.72054				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				100.00000	0.00000	116.14307				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				100.00000	0.00000	115.25712				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				100.00000	0.00000	121.52148				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				100.00000	0.00000	119.54812				0.00	0	0
Total CLN434 SPOT										0.00	0	0
Total For CLN434										0.00	0	0
CLN435 On 20/12/2020 Spot Bond				100.00000	0.00000	100.02565				0.00	0	0
Total CLN435 SPOT										0.00	0	0
Total For CLN435										0.00	0	0
CLN436 On 20/12/2020 Spot Bond				100.00000	0.00000	100.02448				0.00	0	0
Total CLN436 SPOT										0.00	0	0
Total For CLN436										0.00	0	0
CLN437 On 03/02/2021 Spot Bond				100.00000	0.00000	101.29932				0.00	0	0
Total CLN437 SPOT										0.00	0	0
Total For CLN437										0.00	0	0
CLN439 On 20/03/2021 Spot Bond				100.00000	0.00000	120.69164				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				100.00000	0.00000	120.69164				0.00	0	0
Total CLN440 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 CLN440										0.00	0	0
CLN44 On 20/03/2021 Spot Bond				100.00000	0.00000	100.04592				0.00	0	0
Total CLN441 SPOT										0.00	0	0
Total For CLN441										0.00	0	0
CLN44 On 23/05/2021 Spot Bond				100.00000	0.00000	100.79364				0.00	0	0
Total CLN444 SPOT										0.00	0	0
Total For CLN444										0.00	0	0
CLN44 On 24/05/2021 Spot Bond			9.30500	109.92470	9.30500	109.89753				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN45 On 31/01/2022 Spot Bond			4.25000	138.70749	4.25000	138.68264				0.00	0	0
Total CLN452 SPOT										0.00	0	0
Total For CLN452										0.00	0	0
CLN45 On 31/01/2025 Spot Bond			6.26000	99.98997	6.26000	99.96673				0.00	0	0
Total CLN453 SPOT										0.00	0	0
Total For CLN453										0.00	0	0
CLN45 On 31/01/2025 Spot Bond			5.90000	102.38033	5.90000	102.35752				0.00	0	0
Total CLN454 SPOT										0.00	0	0
Total For CLN454										0.00	0	0
CLN45 On 04/05/2021 Spot Bond				100.00000	0.00000	100.75899				0.00	0	0
Total CLN455 SPOT										0.00	0	0
Total For CLN455										0.00	0	0
CLN45 On 20/12/2021 Spot Bond				100.00000	0.00000	100.02911				0.00	0	0
Total CLN456 SPOT										0.00	0	0
Total For CLN456										0.00	0	0
CLN45 On 17/11/2021 Spot Bond				100.00000	0.00000	100.90657				0.00	0	0
Total CLN457 SPOT										0.00	0	0
Total For CLN457										0.00	0	0
CLN45 On 29/11/2021 Spot Bond				100.00000	0.00000	100.60250				0.00	0	0
Total CLN458 SPOT										0.00	0	0
Total For CLN458										0.00	0	0
CLN46 On 29/11/2021 Spot Bond				100.00000	0.00000	100.59632				0.00	0	0
Total CLN460 SPOT										0.00	0	0
Total For CLN460										0.00	0	0
CLN46 On 15/02/2022 Spot Bond				100.00000	0.00000	101.05250				0.00	0	0
Total CLN461 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 CLN461										0.00	0	0
CLN461 On 16/02/2022 Spot Bond			10.22500	103.95443	10.22500	103.92626				0.00	0	0
Total CLN462 SPOT										0.00	0	0
Total For CLN462										0.00	0	0
CLN462 On 23/02/2018 Spot Bond				100.00000	0.00000	100.70970				0.00	0	0
Total CLN463 SPOT										0.00	0	0
Total For CLN463										0.00	0	0
CLN463 On 13/03/2022 Spot Bond			9.51500	102.14346	9.51500	102.11724				0.00	0	0
Total CLN464 SPOT										0.00	0	0
Total For CLN464										0.00	0	0
CLN464 On 14/03/2020 Spot Bond				100.00000	0.00000	100.17111				0.00	0	0
Total CLN465 SPOT										0.00	0	0
Total For CLN465										0.00	0	0
CLN465 On 21/02/2024 Spot Bond				100.00000	0.00000	100.82066				0.00	0	0
Total CLN466 SPOT										0.00	0	0
Total For CLN466										0.00	0	0
CLN466 On 27/03/2020 Spot Bond				100.00000	0.00000	99.86659				0.00	0	0
Total CLN467 SPOT										0.00	0	0
Total For CLN467										0.00	0	0
CLN467 On 28/03/2020 Spot Bond				100.00000	0.00000	99.83844				0.00	0	0
Total CLN468 SPOT										0.00	0	0
Total For CLN468										0.00	0	0
CLN468 On 28/03/2022 Spot Bond				100.00000	0.00000	99.83111				0.00	0	0
Total CLN469 SPOT										0.00	0	0
Total For CLN469										0.00	0	0
CLN469 On 07/05/2018 Spot Bond				100.00000	0.00000	101.04886				0.00	0	0
Total CLN470 SPOT										0.00	0	0
Total For CLN470										0.00	0	0
CLN470 On 17/05/2019 Spot Bond				100.00000	0.00000	100.83590				0.00	0	0
Total CLN471 SPOT										0.00	0	0
Total For CLN471										0.00	0	0
CLN471 On 19/11/2022 Spot Bond				100.00000	0.00000	100.87379				0.00	0	0
Total CLN472 SPOT										0.00	0	0
Total For CLN472										0.00	0	0
CLN472 On 05/10/2022 Spot Bond				100.00000	0.00000	102.13362				0.00	0	0
Total CLN473 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 CLN473										0.00	0	0
CLN473 On 05/10/2022 Spot Bond			9.71500	105.41535	9.71500	105.37567				0.00	0	0
Total CLN474 SPOT										0.00	0	0
Total For CLN474										0.00	0	0
CLN474 On 23/06/2021 Spot Bond				100.00000	0.00000	100.47900				0.00	0	0
Total CLN475 SPOT										0.00	0	0
Total For CLN475										0.00	0	0
CLN475 On 20/09/2020 Spot Bond				100.00000	0.00000	100.02588				0.00	0	0
Total CLN476 SPOT										0.00	0	0
Total For CLN476										0.00	0	0
CLN476 On 29/11/2021 Spot Bond			100.00000	14.83484	100.00000	14.79753				0.00	0	0
Total CLN477 SPOT										0.00	0	0
Total For CLN477										0.00	0	0
CLN477 On 05/10/2022 Spot Bond			9.57000	105.14999	9.57000	103.26390				0.00	0	0
Total CLN478 SPOT										0.00	0	0
Total For CLN478										0.00	0	0
CLN478 On 05/10/2022 Spot Bond				100.00000	0.00000	102.28329				0.00	0	0
Total CLN479 SPOT										0.00	0	0
Total For CLN479										0.00	0	0
CLN479 On 01/07/2022 Spot Bond			100.00000	13.44471	100.00000	13.40180				0.00	0	0
Total CLN480 SPOT										0.00	0	0
Total For CLN480										0.00	0	0
CLN480 On 07/06/2022 Spot Bond				100.00000	0.00000	100.47714				0.00	0	0
Total CLN481 SPOT										0.00	0	0
Total For CLN481										0.00	0	0
CLN481 On 20/05/2021 Spot Bond				100.00000	0.00000	100.81728				0.00	0	0
Total CLN482 SPOT										0.00	0	0
Total For CLN482										0.00	0	0
CLN482 On 20/05/2021 Spot Bond				100.00000	0.00000	100.82560				0.00	0	0
Total CLN483 SPOT										0.00	0	0
Total For CLN483										0.00	0	0
CLN483 On 02/12/2021 Spot Bond				100.00000	0.00000	100.78584				0.00	0	0
Total CLN484 SPOT										0.00	0	0
Total For CLN484										0.00	0	0
CLN484 On 02/12/2021 Spot Bond			9.15500	104.24305	9.15500	104.21174				0.00	0	0
Total CLN485 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 CLN485										0.00	0	0
CLN485 On 20/06/2022 Spot Bond				100.00000	0.00000	100.02436				0.00	0	0
Total CLN486 SPOT										0.00	0	0
Total For CLN486										0.00	0	0
CLN486 On 07/12/2021 Spot Bond			12.19500	104.29100	12.19500	104.37334				0.00	0	0
Total CLN487 SPOT										0.00	0	0
Total For CLN487										0.00	0	0
CLN487 On 28/07/2022 Spot Bond			8.99500	107.91893	8.99500	101.94512				0.00	0	0
Total CLN488 SPOT										0.00	0	0
Total For CLN488										0.00	0	0
CLN488 On 28/03/2020 Spot Bond				100.00000	0.00000	99.84032				0.00	0	0
Total CLN489 SPOT										0.00	0	0
Total For CLN489										0.00	0	0
CLN489 On 28/03/2022 Spot Bond				100.00000	0.00000	99.83204				0.00	0	0
Total CLN490 SPOT										0.00	0	0
Total For CLN490										0.00	0	0
CLN490 On 07/12/2017 Spot Bond				100.00000	0.00000	99.31804				0.00	0	0
Total CLN491 SPOT										0.00	0	0
Total For CLN491										0.00	0	0
CLN491 On 30/09/2019 Spot Bond				100.00000	0.00000	99.72077				0.00	0	0
Total CLN492 SPOT										0.00	0	0
Total For CLN492										0.00	0	0
CLN492 On 20/06/2022 Spot Bond				100.00000	0.00000	100.02606				0.00	0	0
Total CLN493 SPOT										0.00	0	0
Total For CLN493										0.00	0	0
CLN493 On 07/12/2017 Spot Bond			11.65500	103.43973	11.65500	102.52429				0.00	0	0
Total CLN494 SPOT										0.00	0	0
Total For CLN494										0.00	0	0
CLN494 On 29/08/2020 Spot Bond				100.00000	0.00000	100.51504				0.00	0	0
Total CLN495 SPOT										0.00	0	0
Total For CLN495										0.00	0	0
CLN495 On 04/09/2024 Spot Bond			9.99500	106.30053	9.99500	100.83204				0.00	0	0
Total CLN496 SPOT										0.00	0	0
Total For CLN496										0.00	0	0
CLN496 On 04/09/2024 Spot Bond				100.00000	0.00000	100.45232				0.00	0	0
Total CLN497 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 CLN497									0.00	0	0
CLN497 On 08/06/2022 Spot Bond			100.00000	1.75205	100.00000	1.74308			000,000,000,000,000.00	10,000,000,000	10,000,000,000
Total CLN498 SPOT									10,000,000,000,000.00	10,000,000,000	10,000,000,000
Total For CLN498									10,000,000,000,000.00	10,000,000,000	10,000,000,000
CLN55 On 18/04/2028 Spot Bond			100.00000		0.00000	215.84193			0.00	0	0
Total CLN55 SPOT									0.00	0	0
Total For CLN55									0.00	0	0
CLN61 On 02/03/2028 Spot Bond			100.00000		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			8.79000	98.92031	8.79000	98.89707			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			8.40500	95.23990	8.40500	187.70831			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			8.40500	96.55767	8.40500	188.18527			0.00	0	0
Total CLN89 SPOT									0.00	0	0
Total For CLN89									0.00	0	0
CLNF11 On 20/03/2018 Spot Bond			100.00000		0.00000	100.02184			0.00	0	0
Total CLNF11 SPOT									0.00	0	0
Total For CLNF11									0.00	0	0
CLNF12 On 20/06/2019 Spot Bond			100.00000		0.00000	100.02285			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			100.00000		0.00000	100.42530			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			100.00000		0.00000	100.02280			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			100.00000		0.00000	100.02352			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			100.00000		0.00000	100.89955			0.00	0	0
Total CLNF16 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 CLNF16									0.00	0	0
COH00 On 15/04/2019 Spot Bond				100.00000	0.00000	101.82866			0.00	0	0
Total COH002 SPOT									0.00	0	0
Total For COH002									0.00	0	0
COJ04 On 05/06/2018 Spot Bond			7.22000	103.85887	7.22000	103.83874			0.00	0	940,000,000
Total COJ04 SPOT									0.00	0	940,000,000
Total For COJ04									0.00	0	940,000,000
COJ05 On 05/06/2023 Spot Bond			8.83500	118.44838	8.83500	118.42040		12,369,000,000,000.00	1,400,000,000	700,000,000	
Total COJ05 SPOT								12,369,000,000,000.00	1,400,000,000	700,000,000	
Total For COJ05								12,369,000,000,000.00	1,400,000,000	700,000,000	
COJ07 On 23/03/2021 Spot Bond			9.26500	104.41646	9.26500	104.39076		0.00	0	0	
Total COJ07 SPOT								0.00	0	0	
Total For COJ07								0.00	0	0	
COJ08 On 22/06/2026 Spot Bond			9.83500	112.20536	9.83500	112.17592		0.00	0	0	
Total COJ08 SPOT								0.00	0	0	
Total For COJ08								0.00	0	0	
COJG0 On 09/06/2024 Spot Bond			9.65500	105.44134	9.65500	105.41418		0.00	0	200,000,000	
Total COJG01 SPOT								0.00	0	200,000,000	
Total For COJG01								0.00	0	200,000,000	
COT01 On 03/04/2023 Spot Bond			9.83000	101.25884	9.83000	101.23229		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			11.11500	99.18877	11.11500	99.15945		4,446,000,000,000.00	400,000,000	100,000,000	
Total COT02 SPOT								4,446,000,000,000.00	400,000,000	100,000,000	
Total For COT02								4,446,000,000,000.00	400,000,000	100,000,000	
COT03 On 05/06/2028 Spot Bond			11.13500	92.46084	11.13500	92.43347		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			11.47000	99.47761	11.47000	100.26668		0.00	0	0	
Total CPV01 SPOT								0.00	0	0	
Total For CPV01								0.00	0	0	
CS001 On 31/03/2018 Spot Bond				100.00000	0.00000	99.74546		0.00	0	0	
Total CS001 SPOT								0.00	0	0	
Total For CS001								0.00	0	0	
CS002 On 17/12/2020 Spot Bond				100.00000	0.00000	100.01315		0.00	0	0	
Total CS002 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 CS002										0.00	0	0
CS003 On 12/08/2021 Spot Bond				100.00000	0.00000	99.79009				0.00	0	0
Total CS003 SPOT										0.00	0	0
Total For CS003										0.00	0	0
CSA041 On 06/06/2020 Spot Bond			100.00000	19.82933	100.00000	19.76675				0.00	0	0
Total CSA04U SPOT										0.00	0	0
Total For CSA04U										0.00	0	0
CSD041 On 06/06/2020 Spot Bond			100.00000	18.42507	100.00000	18.36691				0.00	0	0
Total CSD04U SPOT										0.00	0	0
Total For CSD04U										0.00	0	0
DEN381 On 10/06/2018 Spot Bond			100.00000	56.71187	100.00000	56.57297				0.00	0	0
Total DEN38U SPOT										0.00	0	0
Total For DEN38U										0.00	0	0
DEN401 On 10/06/2018 Spot Bond			100.00000	57.06768	100.00000	56.92792				0.00	0	0
Total DEN40U SPOT										0.00	0	0
Total For DEN40U										0.00	0	0
DENG4 On 29/09/2017 Spot Bond			5.62000	99.89234	5.62000	99.87697				0.00	0	0
Total DENG44 SPOT										0.00	0	0
Total For DENG44										0.00	0	0
DENG4 On 29/09/2017 Spot Bond			6.86000	99.86861	6.86000	99.84987				0.00	0	0
Total DENG44/R203 SPOT										0.00	0	0
Total For DENG44/R203										0.00	0	0
DENG6 On 22/09/2017 Spot Bond			100.00000		0.00000	99.97744				0.00	0	0
Total DENG65 SPOT										0.00	0	0
Total For DENG65										0.00	0	0
DENG7 On 04/12/2017 Spot Bond			100.00000		0.00000	100.38425				0.00	0	0
Total DENG72 SPOT										0.00	0	0
Total For DENG72										0.00	0	0
DLTB03 On 09/10/2017 Spot Bond			100.00000		0.00000	101.90724				0.00	0	0
Total DLTB03 SPOT										0.00	0	0
Total For DLTB03										0.00	0	0
DLTB03 On 09/10/2017 Spot Bond			100.00000	97.80185	100.00000	97.54649				0.00	0	0
DLTB03 On 09/10/2017 Spot Bond			100.00000	97.80185	100.00000	97.54649				0.00	0	0
Total DLTB03/JIBAR SPOT										0.00	0	0
Total For DLTB03/JIBAR										0.00	0	0
DOL00 On 20/09/2018 Spot Bond			100.00000		0.00000	100.03017				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 DOL003 SPOT										0.00	0	0
Total For DOL003										0.00	0	0
DOL003 On 24/01/2019 Spot Bond				100.00000	0.00000	102.24364				0.00	0	0
Total DOL004 SPOT										0.00	0	0
Total For DOL004										0.00	0	0
DOL004 On 20/12/2019 Spot Bond				100.00000	0.00000	70.77673				0.00	0	0
Total DOL009 SPOT										0.00	0	0
Total For DOL009										0.00	0	0
DOL009 On 20/12/2021 Spot Bond				100.00000	0.00000	100.04431				0.00	0	0
Total DOL012 SPOT										0.00	0	0
Total For DOL012										0.00	0	0
DV2021 On 18/06/2021 Spot Bond			8.82500	102.98503	8.82500	102.96073				0.00	0	0
Total DV2021 SPOT										0.00	0	0
Total For DV2021										0.00	0	0
DV22 On 07/02/2020 Spot Bond			8.35000	103.48935	8.35000	103.46635				0.00	0	50,000,000
Total DV22 SPOT										0.00	0	50,000,000
Total For DV22										0.00	0	50,000,000
DV22/R On 07/02/2020 Spot Bond			100.00000	23.65453	100.00000	23.60246				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			9.14500	104.28888	9.14500	104.26354		85,548,731,500.00		9,354,700	215,585,600	
Total DV23 SPOT								85,548,731,500.00		9,354,700	215,585,600	
Total For DV23								85,548,731,500.00		9,354,700	215,585,600	
DV23/R On 27/02/2023 Spot Bond			100.00000	11.69152	100.00000	11.66578		0.00		0	0	
DV23/R On 27/02/2023 Spot Bond			100.00000	11.69152	100.00000	11.66578		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			9.36500	102.44393	9.36500	102.41845				0.00	0	300,000,000
Total DV24 SPOT								0.00		0	300,000,000	
Total For DV24								0.00		0	300,000,000	
DV24/R On 18/02/2024 Spot Bond			9.69000	100.90404	9.69000	100.87809		0.00		0	0	
DV24/R On 18/02/2024 Spot Bond			9.69000	100.90404	9.69000	100.87809		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			10.86500	96.00581	10.86500	95.97821				0.00	0	0
Total DV29 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 DV29										0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	100.94153	10.10000	100.91451				0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	100.94153	10.10000	100.91451				0.00	0	0
Total DV29/R213 SPOT										0.00	0	0
Total For DV29/R213										0.00	0	0
DVC02: On 19/02/2018 Spot Bond				100.00000	0.00000	100.77666				0.00	0	0
Total DVC028 SPOT										0.00	0	0
Total For DVC028										0.00	0	0
DVC02: On 29/08/2018 Spot Bond				100.00000	0.00000	100.51282				0.00	0	0
Total DVC029 SPOT										0.00	0	0
Total For DVC029										0.00	0	0
DVC26 On 29/11/2017 Spot Bond				100.00000	0.00000	100.51899				0.00	0	0
Total DVC26 SPOT										0.00	0	0
Total For DVC26										0.00	0	0
DVF18 On 30/03/2018 Spot Bond				100.00000	0.00000	99.94805				0.00	0	0
Total DVF18 SPOT										0.00	0	0
Total For DVF18										0.00	0	0
DVF19 On 31/05/2019 Spot Bond				100.00000	0.00000	100.84792				0.00	0	1,000,000,000
Total DVF19 SPOT										0.00	0	1,000,000,000
Total For DVF19										0.00	0	1,000,000,000
DVF20 On 29/11/2019 Spot Bond				100.00000	0.00000	100.54689				0.00	0	0
Total DVF20 SPOT										0.00	0	0
Total For DVF20										0.00	0	0
DVF20f On 28/03/2020 Spot Bond				100.00000	0.00000	99.84879				0.00	0	0
Total DVF20B SPOT										0.00	0	0
Total For DVF20B										0.00	0	0
DVF20f On 31/08/2020 Spot Bond				100.00000	0.00000	100.53618				0.00	0	0
Total DVF20C SPOT										0.00	0	0
Total For DVF20C										0.00	0	0
DVF21 On 29/11/2021 Spot Bond				100.00000	0.00000	100.56663				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				100.00000	0.00000	99.95520				0.00	0	0
Total DVF22 SPOT										0.00	0	0
Total For DVF22										0.00	0	0
DVF22f On 29/08/2022 Spot Bond				100.00000	0.00000	100.55613				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 DVF22B SPOT										0.00	0	0
Total For DVF22B										0.00	0	0
E170 On 01/08/2020 Spot Bond			7.94000	115.85510	7.94000	115.83059				0.00	0	200,000,000
Total E170 SPOT										0.00	0	200,000,000
Total For E170										0.00	0	200,000,000
E170/R On 01/08/2020 Spot Bond			100.00000	23.65501	100.00000	23.60294				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			8.66000	102.37500	8.66000	102.35102				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			8.86500	103.42431	8.86500	103.39953				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			9.30500	103.30123	9.30500	103.27528				0.00	0	0
Total ECN24 SPOT										0.00	0	0
Total For ECN24										0.00	0	0
ECN32 On 14/03/2032 Spot Bond			3.64000	103.33120	3.64000	103.31421				0.00	0	0
Total ECN32 SPOT										0.00	0	0
Total For ECN32										0.00	0	0
EFS00E On 23/10/2023 Spot Bond				100.00000	0.00000	101.90637				0.00	0	0
Total EFS00B SPOT										0.00	0	0
Total For EFS00B										0.00	0	0
EFS0A On 28/10/2023 Spot Bond				100.00000	0.00000	101.53442				0.00	0	0
Total EFS0A2 SPOT										0.00	0	0
Total For EFS0A2										0.00	0	0
EFS0CI On 28/10/2023 Spot Bond			100.00000	19.04272	100.00000	18.99659				0.00	0	0
Total EFS0CU SPOT										0.00	0	0
Total For EFS0CU										0.00	0	0
EL037 On 31/01/2037 Spot Bond			3.29000	98.80315	3.29000	98.78799				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	115.90576	2.25000	115.89120				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			3.21000	128.09339	3.22000	127.95781				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 EL28 SPOT										0.00	0	0
Total For EL28										0.00	0	0
EL29 On 19/11/2029 Spot Bond			3.23000	114.40219	3.23000	114.38480				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			3.25000	112.73924	3.25000	112.72205				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			3.28500	104.71861	3.28500	104.70251				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			3.26000	99.88180	3.26000	99.86656				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	115.90576	2.25000	115.89120				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			8.85500	105.79314	8.85500	105.76823				0.00	0	100,000,000
Total EMM01 SPOT										0.00	0	100,000,000
Total For EMM01										0.00	0	100,000,000
EMM02 On 11/03/2021 Spot Bond			8.93500	105.54547	8.93500	105.51999				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			10.18500	103.18966	10.18500	103.16181				0.00	0	0
Total EMM03 SPOT										0.00	0	0
Total For EMM03										0.00	0	0
EMM04 On 16/05/2028 Spot Bond			10.66500	93.70808	10.66500	97.57485				0.00	0	1,500,000,000
Total EMM04 SPOT										0.00	0	1,500,000,000
Total For EMM04										0.00	0	1,500,000,000
EMM05 On 17/04/2029 Spot Bond			10.91500	103.00119	10.91500	103.56859				0.00	0	2,333,333,100
Total EMM05 SPOT										0.00	0	2,333,333,100
Total For EMM05										0.00	0	2,333,333,100
EMM06 On 23/06/2025 Spot Bond			10.28500	102.33248	10.28500	102.38819				0.00	0	200,000,000
Total EMM06 SPOT										0.00	0	200,000,000
Total For EMM06										0.00	0	200,000,000
EMM07 On 10/07/2027 Spot Bond			10.13500	104.44115	10.13500	103.39776				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 EMM07 SPOT										0.00	0	0
Total For EMM07										0.00	0	0
EMM07 On 17/07/2032 Spot Bond			10.95000	112.38999	10.95000	91.84726				0.00	0	0
Total EMM07P SPOT										0.00	0	0
Total For EMM07P										0.00	0	0
EPF002 On 28/05/2018 Spot Bond				100.00000	0.00000	100.58029				0.00	0	0
Total EPF002 SPOT										0.00	0	0
Total For EPF002										0.00	0	0
EPF004 On 06/11/2017 Spot Bond				100.00000	0.00000	101.21037				0.00	0	0
Total EPF004 SPOT										0.00	0	0
Total For EPF004										0.00	0	0
EPF006 On 19/08/2018 Spot Bond				100.00000	0.00000	100.73864				0.00	0	0
Total EPF006 SPOT										0.00	0	0
Total For EPF006										0.00	0	0
EPF007 On 02/09/2020 Spot Bond				100.00000	0.00000	100.41306				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				100.00000	0.00000	100.67402				0.00	0	0
Total EPF008 SPOT										0.00	0	0
Total For EPF008										0.00	0	0
EPF009 On 30/03/2018 Spot Bond				100.00000	0.00000	99.76168				0.00	0	0
Total EPF009 SPOT										0.00	0	0
Total For EPF009										0.00	0	0
EPF010 On 07/11/2019 Spot Bond				100.00000	0.00000	101.10728				0.00	0	0
Total EPF010 SPOT										0.00	0	0
Total For EPF010										0.00	0	0
EPF011 On 12/06/2020 Spot Bond				100.00000	0.00000	100.82982				0.00	0	0
Total EPF011 SPOT										0.00	0	0
Total For EPF011										0.00	0	0
EPF01U On 01/09/2018 Spot Bond			100.00000	57.96451	100.00000	57.82255				0.00	0	0
Total EPF01U SPOT										0.00	0	0
Total For EPF01U										0.00	0	0
EPF02U On 01/09/2019 Spot Bond			100.00000	29.31853	100.00000	29.24673				0.00	0	0
Total EPF02U SPOT										0.00	0	0
Total For EPF02U										0.00	0	0
EPFC2U On 06/11/2017 Spot Bond				100.00000	0.00000	101.03067				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 EPFC29 SPOT										0.00	0	0
Total For EPFC29										0.00	0	0
EPFC30 On 02/03/2018 Spot Bond				100.00000	0.00000	100.39029				0.00	0	0
Total EPFC30 SPOT										0.00	0	0
Total For EPFC30										0.00	0	0
EPFC31 On 03/11/2017 Spot Bond				100.00000	0.00000	101.04372				0.00	0	0
Total EPFC32 SPOT										0.00	0	0
Total For EPFC32										0.00	0	0
EPFC33 On 06/03/2018 Spot Bond				100.00000	0.00000	100.32363				0.00	0	0
Total EPFC33 SPOT										0.00	0	0
Total For EPFC33										0.00	0	0
EPFC34 On 06/09/2018 Spot Bond				100.00000	0.00000	100.34633				0.00	0	0
Total EPFC34 SPOT										0.00	0	0
Total For EPFC34										0.00	0	0
EQS05 On 25/04/2019 Spot Bond			100.00000	33.11877	100.00000	33.03854				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				100.00000	0.00000	98.99769				0.00	0	0
Total EQS06 SPOT										0.00	0	0
Total For EQS06										0.00	0	0
EQS07 On 09/04/2018 Spot Bond			11.82000	102.28625	11.82000	102.25416				0.00	0	0
Total EQS07 SPOT										0.00	0	0
Total For EQS07										0.00	0	0
EQS08 On 04/10/2018 Spot Bond				100.00000	0.00000	100.97262				0.00	0	0
Total EQS08A SPOT										0.00	0	0
Total For EQS08A										0.00	0	0
EQS08 On 04/10/2018 Spot Bond			100.00000	47.32184	100.00000	47.20720				0.00	0	0
EQS08 On 04/10/2018 Spot Bond			100.00000	47.42388	100.00000	47.30899				0.00	0	0
Total EQS08A/JIBAR SPOT										0.00	0	0
Total For EQS08A/JIBAR										0.00	0	0
EQS10 On 28/07/2022 Spot Bond				100.00000	0.00000	101.53475				0.00	4,000,000,000	2,000,000,000
Total EQS10 SPOT										0.00	4,000,000,000	2,000,000,000
Total For EQS10										0.00	4,000,000,000	2,000,000,000
EQS11 On 20/09/2020 Spot Bond			100.00000	20.85296	100.00000	20.76026			60,000,000,000,000.00		600,000,000	300,000,000
Total EQS11U SPOT									60,000,000,000,000.00		600,000,000	300,000,000
Total For EQS11U									60,000,000,000,000.00		600,000,000	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
ERS3B On 17/08/2019 Spot Bond				100.00000	0.00000	100.86878			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				100.00000	0.00000	100.87435			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				100.00000	0.00000	100.91598			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				100.00000	0.00000	100.96740			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	111.60600	10.00000	111.57700			0.00	0	0
Total ERSA12/JIBAR SPOT									0.00	0	0
Total For ERSA12/JIBAR									0.00	0	0
ERSA1 On 17/08/2018 Spot Bond				100.00000	0.00000	100.73055			0.00	0	0
Total ERSA17 SPOT									0.00	0	0
Total For ERSA17									0.00	0	0
ERSA2 On 17/08/2018 Spot Bond				100.00000	0.00000	101.09516			0.00	0	0
Total ERSA20 SPOT									0.00	0	0
Total For ERSA20									0.00	0	0
ERSA2 On 17/08/2020 Spot Bond				100.00000	0.00000	100.46068			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				100.00000	0.00000	101.24220			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				100.00000	0.00000	100.85934			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				100.00000	0.00000	100.83579			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				100.00000	0.00000	100.86413			0.00	0	0
Total ERSA25 SPOT									0.00	0	0
Total For ERSA25									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
ES18 On 20/04/2018 Spot Bond			7.69000	104.76956	7.69000	104.74796			936,949,600,000,000.00	121,840,000,000	53,790,000,000
Total ES18 SPOT									16,949,600,000,000.00	121,840,000,000	53,790,000,000
Total For ES18									16,949,600,000,000.00	121,840,000,000	53,790,000,000
ES18/R On 20/04/2018 Spot Bond			9.25000	103.90373	9.25000	103.87806			0.00	0	0
Total ES18/R204 SPOT									0.00	0	0
Total For ES18/R204									0.00	0	0
ES23 On 25/01/2023 Spot Bond			8.72500	106.93131	8.72500	106.90650			215,293,737,500.00	24,675,500	1,952,348,800
Total ES23 SPOT									215,293,737,500.00	24,675,500	1,952,348,800
Total For ES23									215,293,737,500.00	24,675,500	1,952,348,800
ES23/R On 25/01/2023 Spot Bond			10.00000	101.57677	10.00000	101.54984			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			9.55000	90.02419	9.55000	93.91526			38,441,116,490,000.00	4,025,247,800	14,441,094,500
Total ES26 SPOT									38,441,116,490,000.00	4,025,247,800	14,441,094,500
Total For ES26									38,441,116,490,000.00	4,025,247,800	14,441,094,500
ES26/R On 02/04/2026 Spot Bond			7.85000	99.78984	7.85000	103.68478			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			10.62500	76.35353	10.59500	76.51885			26,538,074,187,500.00	2,497,701,100	59,026,151,600
Total ES33 SPOT									16,538,074,187,500.00	2,497,701,100	59,026,151,600
Total For ES33									16,538,074,187,500.00	2,497,701,100	59,026,151,600
ES33/R On 15/09/2033 Spot Bond			7.50000	100.14248	7.50000	100.12211			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			10.88000	83.20822	10.88000	83.18414			36,055,115,584,000.00	3,313,889,300	15,923,140,200
Total ES42 SPOT									36,055,115,584,000.00	3,313,889,300	15,923,140,200
Total For ES42									36,055,115,584,000.00	3,313,889,300	15,923,140,200
ES42/R On 25/04/2042 Spot Bond			8.50000	103.47047	8.50000	103.44694			0.00	0	0
Total ES42/R214 SPOT									0.00	0	0
Total For ES42/R214									0.00	0	0
EXX02 On 19/05/2019 Spot Bond				100.00000	0.00000	99.33755			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				100.00000	0.00000	100.02297			0.00	0	0
Total FBJ20Z SPOT									0.00	0	0
Total For FBJ20Z									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
FBJ22Z On 20/03/2022 Spot Bond				100.00000	0.00000	100.02359				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	43.93638	100.00000	43.82994				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	24.04384	100.00000	23.98559				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	16.01158	100.00000	15.97279				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	12.82049	100.00000	12.78943				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	15.08034	100.00000	15.04381				0.00	0	0
Total FIF05U SPOT										0.00	0	0
Total For FIF05U										0.00	0	0
FIF06U On 27/02/2023 Spot Bond			100.00000	10.76999	100.00000	10.74390				0.00	0	0
Total FIF06U SPOT										0.00	0	0
Total For FIF06U										0.00	0	0
FIFB04 On 21/11/2017 Spot Bond				100.00000	0.00000	100.75817				0.00	0	0
Total FIFB04 SPOT										0.00	0	0
Total For FIFB04										0.00	0	0
FIFB07 On 27/11/2017 Spot Bond				100.00000	0.00000	100.58407				0.00	0	0
Total FIFB07 SPOT										0.00	0	0
Total For FIFB07										0.00	0	0
FIFB08 On 31/05/2019 Spot Bond				100.00000	0.00000	100.52247				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				100.00000	0.00000	99.86195				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				100.00000	0.00000	100.49421				0.00	400,000,000	200,000,000
Total FIFB10 SPOT										0.00	400,000,000	200,000,000
Total For FIFB10										0.00	400,000,000	200,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FIFB11 On 07/02/2020 Spot Bond				100.00000	0.00000	101.10357			0.00	0	0
Total FIFB11 SPOT									0.00	0	0
Total For FIFB11									0.00	0	0
FIFB12 On 13/08/2020 Spot Bond				100.00000	0.00000	100.93769			0.00	0	0
Total FIFB12 SPOT									0.00	0	0
Total For FIFB12									0.00	0	0
FMLA1U On 17/02/2039 Spot Bond			100.00000	5.90673	100.00000	5.89503			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	12.21655	100.00000	12.18696			0.00	0	0
Total FPA1U SPOT									0.00	0	0
Total For FPA1U									0.00	0	0
FPB1U On 20/08/2023 Spot Bond			100.00000	27.02442	100.00000	26.95896			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			8.42000	102.23071	8.42000	102.20768			0.00	0	360,000,000
Total FRB05 SPOT									0.00	0	360,000,000
Total For FRB05									0.00	0	360,000,000
FRB11 On 11/12/2017 Spot Bond				100.00000	0.00000	100.62553			0.00	0	0
Total FRB11 SPOT									0.00	0	0
Total For FRB11									0.00	0	0
FRB12 On 02/06/2019 Spot Bond				100.00000	0.00000	100.83142			0.00	0	150,000,000
Total FRB12 SPOT									0.00	0	150,000,000
Total For FRB12									0.00	0	150,000,000
FRB13 On 02/06/2021 Spot Bond				100.00000	0.00000	97.36298			0.00	0	0
Total FRB13 SPOT									0.00	0	0
Total For FRB13									0.00	0	0
FRB14 On 02/06/2021 Spot Bond			10.25500	102.26234	10.25500	102.23441			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				100.00000	0.00000	102.59518			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				100.00000	0.00000	103.77179			0.00	0	0
Total FRB16 SPOT									0.00	0	0
Total For FRB16									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
FRB17 On 08/01/2022 Spot Bond				100.00000	0.00000	102.39322			0.00	0	0
Total FRB17 SPOT									0.00	0	0
Total For FRB17									0.00	0	0
FRB17/ On 08/01/2027 Spot Bond			100.00000	13.13419	100.00000	13.10238			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				100.00000	0.00000	104.12706			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			10.95500	109.42160	10.95500	109.38972			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				100.00000	0.00000	103.55925			0.00	0	0
Total FRB20 SPOT									0.00	0	0
Total For FRB20									0.00	0	0
FRB21 On 24/11/2021 Spot Bond				100.00000	0.00000	100.84530			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				100.00000	0.00000	100.39433			0.00	0	0
Total FRB22 SPOT									0.00	0	0
Total For FRB22									0.00	0	0
FRB23 On 20/09/2027 Spot Bond			100.00000	10.30140	100.00000	0.03021		210,000,000,000,000.00	262,100,000,000	260,800,000,000	
Total FRB23 SPOT								10,000,000,000,000.00	262,100,000,000	260,800,000,000	
Total For FRB23								10,000,000,000,000.00	262,100,000,000	260,800,000,000	
FRBC2 On 21/12/2018 Spot Bond			9.08000	106.38400	9.08000	106.35820		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				100.00000	0.00000	101.94131		0.00	0	100,000,000	
Total FRBC22 SPOT								0.00	0	100,000,000	
Total For FRBC22								0.00	0	100,000,000	
FRBI22 On 31/01/2022 Spot Bond			3.10000	145.30300	3.10000	145.28144		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			3.27000	169.48109	3.27000	284.80260		0.00	0	0	
Total FRBI23 SPOT								0.00	0	0	
Total For FRBI23								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
FRBI25 On 31/01/2025 Spot Bond			3.56000	112.49884	3.56000	119.56618			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			3.90000	129.61486	3.90000	161.61139			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			3.83000	81.76128	3.83000	82.23540			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			4.03000	137.40664	4.03000	199.09682			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			4.25000	88.87445	4.25000	88.85848			0.00	0	0
Total FRBI46 SPOT									0.00	0	0
Total For FRBI46									0.00	0	0
FRBI50 On 31/12/2050 Spot Bond			4.42000	88.77371	4.42000	89.02579			0.00	0	0
Total FRBI50 SPOT									0.00	0	0
Total For FRBI50									0.00	0	0
FRBZ01 On 30/11/2020 Spot Bond			8.31000	77.52478	8.31000	77.45030			0.00	0	0
Total FRBZ01 SPOT									0.00	0	0
Total For FRBZ01									0.00	0	0
FRBZ02 On 28/10/2024 Spot Bond			9.61000	52.13367	9.61000	52.06998			0.00	0	0
Total FRBZ02 SPOT									0.00	0	0
Total For FRBZ02									0.00	0	0
FRBZ03 On 10/12/2024 Spot Bond			9.64000	51.47140	9.64000	51.38552			0.00	0	0
Total FRBZ03 SPOT									0.00	0	0
Total For FRBZ03									0.00	0	0
FRC05U On 13/10/2017 Spot Bond			100.00000	96.70302	100.00000	96.45314			0.00	0	0
Total FRC05U SPOT									0.00	0	0
Total For FRC05U									0.00	0	0
FRC06U On 31/12/2017 Spot Bond			100.00000	100.22128	100.00000	99.95543			0.00	0	0
Total FRC06U SPOT									0.00	0	0
Total For FRC06U									0.00	0	0
FRC107 On 03/06/2021 Spot Bond				100.00000	0.00000	100.53136			0.00	0	0
Total FRC107 SPOT									0.00	0	0
Total For FRC107									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
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRC134 SPOT									0.00	0	0
Total For FRC134									0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRC144 SPOT									0.00	0	0
Total For FRC144									0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRC145 SPOT									0.00	0	0
Total For FRC145									0.00	0	0
FRC15: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRC150 SPOT									0.00	0	0
Total For FRC150									0.00	0	0
FRC15: On 20/09/2017 Spot Bond			5.76400	99.96843	5.76400	99.98421			0.00	0	0
Total FRC151 SPOT									0.00	0	0
Total For FRC151									0.00	0	0
FRC15: On 20/12/2017 Spot Bond				100.00000	0.00000	100.02583			0.00	0	0
Total FRC152 SPOT									0.00	0	0
Total For FRC152									0.00	0	0
FRC15: On 20/12/2017 Spot Bond				100.00000	0.00000	100.02370			0.00	0	0
Total FRC153 SPOT									0.00	0	0
Total For FRC153									0.00	0	0
FRC15: On 20/12/2017 Spot Bond				100.00000	0.00000	100.02443			0.00	0	0
Total FRC154 SPOT									0.00	0	0
Total For FRC154									0.00	0	0
FRC15: On 20/12/2017 Spot Bond				100.00000	0.00000	100.03156			0.00	0	0
Total FRC155 SPOT									0.00	0	0
Total For FRC155									0.00	0	0
FRC16: On 20/12/2017 Spot Bond				100.00000	0.00000	100.02402			0.00	0	0
Total FRC161 SPOT									0.00	0	0
Total For FRC161									0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	100.02284			0.00	0	0
Total FRC163 SPOT									0.00	0	0
Total For FRC163									0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	100.02287			0.00	0	0
Total FRC166 SPOT									0.00	0	0
Total For FRC166									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
FRC167 On 20/03/2018 Spot Bond				100.00000	0.00000	100.03290				0.00	0	0
Total FRC167 SPOT										0.00	0	0
Total For FRC167										0.00	0	0
FRC168 On 20/06/2018 Spot Bond				100.00000	0.00000	99.99527				0.00	0	0
Total FRC168 SPOT										0.00	0	0
Total For FRC168										0.00	0	0
FRC169 On 31/01/2025 Spot Bond			4.35500	109.60833	4.35500	113.37839				0.00	0	0
Total FRC169 SPOT										0.00	0	0
Total For FRC169										0.00	0	0
FRC170 On 20/06/2018 Spot Bond				100.00000	0.00000	100.02477				0.00	0	0
Total FRC170 SPOT										0.00	0	0
Total For FRC170										0.00	0	0
FRC171 On 20/06/2018 Spot Bond				100.00000	0.00000	100.01409				0.00	0	0
Total FRC171 SPOT										0.00	0	0
Total For FRC171										0.00	0	0
FRC172 On 21/02/2018 Spot Bond				100.00000	0.00000	99.96652				0.00	0	0
Total FRC172 SPOT										0.00	0	0
Total For FRC172										0.00	0	0
FRC174 On 20/06/2018 Spot Bond				100.00000	0.00000	100.02477				0.00	0	0
Total FRC174 SPOT										0.00	0	0
Total For FRC174										0.00	0	0
FRC176 On 20/09/2018 Spot Bond				100.00000	0.00000	100.02333				0.00	0	0
Total FRC176 SPOT										0.00	0	0
Total For FRC176										0.00	0	0
FRC177 On 20/09/2018 Spot Bond				100.00000	0.00000	100.02282				0.00	0	0
Total FRC177 SPOT										0.00	0	0
Total For FRC177										0.00	0	0
FRC178 On 06/08/2023 Spot Bond				100.00000	0.00000	100.79537				0.00	0	0
Total FRC178 SPOT										0.00	0	0
Total For FRC178										0.00	0	0
FRC179 On 20/09/2020 Spot Bond				100.00000	0.00000	100.02619				0.00	0	0
Total FRC179 SPOT										0.00	0	0
Total For FRC179										0.00	0	0
FRC181 On 06/08/2023 Spot Bond				100.00000	0.00000	114.97119				0.00	0	0
Total FRC181 SPOT										0.00	0	0
Total For FRC181										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
FRC18: On 20/12/2018 Spot Bond				100.00000	0.00000	102.71316				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				100.00000	0.00000	100.03020				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				100.00000	0.00000	100.00386				0.00	0	0
Total FRC188 SPOT										0.00	0	0
Total For FRC188										0.00	0	0
FRC18: On 20/03/2019 Spot Bond				100.00000	0.00000	100.02457				0.00	0	0
Total FRC189 SPOT										0.00	0	0
Total For FRC189										0.00	0	0
FRC19: On 02/04/2019 Spot Bond				100.00000	0.00000	102.04871				0.00	0	0
Total FRC192 SPOT										0.00	0	0
Total For FRC192										0.00	0	0
FRC19: On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total FRC193/JIBAR SPOT										0.00	0	0
Total For FRC193/JIBAR										0.00	0	0
FRC19: On 20/06/2024 Spot Bond				100.00000	0.00000	100.02554				0.00	0	0
Total FRC195 SPOT										0.00	0	0
Total For FRC195										0.00	0	0
FRC20: On 20/06/2019 Spot Bond				100.00000	0.00000	100.48904				0.00	0	0
Total FRC206 SPOT										0.00	0	0
Total For FRC206										0.00	0	0
FRC20: On 20/09/2021 Spot Bond			100.00000	13.53867	100.00000	13.50552				0.00	0	0
Total FRC207 SPOT										0.00	0	0
Total For FRC207										0.00	0	0
FRC20: On 20/09/2021 Spot Bond			100.00000	12.77272	100.00000	12.74144				0.00	0	0
Total FRC208 SPOT										0.00	0	0
Total For FRC208										0.00	0	0
FRC20: On 07/10/2020 Spot Bond				100.00000	0.00000	104.82121				0.00	0	0
Total FRC209 SPOT										0.00	0	0
Total For FRC209										0.00	0	0
FRC21: On 20/12/2019 Spot Bond			100.00000	22.20294	100.00000	22.14855				0.00	0	0
FRC21: On 20/12/2019 Spot Bond				100.00000	0.00000	100.02525				0.00	0	0
Total FRC210 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 FRC210										0.00	0	0
FRC21: On 29/10/2017 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FRC211 SPOT										0.00	0	0
Total For FRC211										0.00	0	0
FRC21: On 07/05/2020 Spot Bond				100.00000	0.00000	101.12803				0.00	0	0
Total FRC212 SPOT										0.00	0	0
Total For FRC212										0.00	0	0
FRC21: On 04/06/2021 Spot Bond			100.00000	12.94601	100.00000	12.91430				0.00	0	0
Total FRC213 SPOT										0.00	0	0
Total For FRC213										0.00	0	0
FRC21: On 07/11/2017 Spot Bond			100.00000	90.71649	100.00000	90.49630				0.00	0	0
Total FRC214 SPOT										0.00	0	0
Total For FRC214										0.00	0	0
FRC21: On 07/11/2019 Spot Bond				100.00000	0.00000	101.12799				0.00	0	0
Total FRC215 SPOT										0.00	0	0
Total For FRC215										0.00	0	0
FRC21: On 07/11/2017 Spot Bond			100.00000	90.70983	100.00000	90.48966				0.00	0	0
Total FRC216 SPOT										0.00	0	0
Total For FRC216										0.00	0	0
FRC21: On 07/11/2017 Spot Bond				100.00000	0.00000	101.12556				0.00	0	0
Total FRC217 SPOT										0.00	0	0
Total For FRC217										0.00	0	0
FRC21: On 07/11/2017 Spot Bond				100.00000	0.00000	101.07560				0.00	0	0
Total FRC218 SPOT										0.00	0	0
Total For FRC218										0.00	0	0
FRC21: On 04/11/2019 Spot Bond				100.00000	0.00000	101.20820				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC22: On 04/11/2017 Spot Bond				100.00000	0.00000	101.14305				0.00	0	0
Total FRC220 SPOT										0.00	0	0
Total For FRC220										0.00	0	0
FRC22: On 31/01/2022 Spot Bond			3.66000	142.04691	3.66000	142.02369				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				100.00000	0.00000	100.78382				0.00	0	0
Total FRC225 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 FRC225										0.00	0	0
FRC23 On 25/06/2018 Spot Bond				100.00000	0.00000	99.88834				0.00	0	0
Total FRC231 SPOT										0.00	0	0
Total For FRC231										0.00	0	0
FRC23 On 31/01/2022 Spot Bond			4.52000	137.20971	4.52000	137.18414				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				100.00000	0.00000	100.03602				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				100.00000	0.00000	107.94632				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				100.00000	0.00000	118.44637				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				100.00000	0.00000	108.48010				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				100.00000	0.00000	119.19109				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				100.00000	0.00000	118.07766				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				100.00000	0.00000	107.82722				0.00	0	0
Total FRC241 SPOT										0.00	0	0
Total For FRC241										0.00	0	0
FRC24 On 08/02/2020 Spot Bond				100.00000	0.00000	107.46310				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				100.00000	0.00000	103.50856				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				100.00000	0.00000	108.39815				0.00	0	0
Total FRC244 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 FRC244										0.00	0	0
FRC244 On 19/10/2020 Spot Bond				100.00000	0.00000	103.47404				0.00	0	0
Total FRC245 SPOT										0.00	0	0
Total For FRC245										0.00	0	0
FRC245 On 19/10/2020 Spot Bond				100.00000	0.00000	102.79991				0.00	0	0
Total FRC246 SPOT										0.00	0	0
Total For FRC246										0.00	0	0
FRC246 On 08/02/2020 Spot Bond				100.00000	0.00000	107.73847				0.00	0	0
Total FRC247 SPOT										0.00	0	0
Total For FRC247										0.00	0	0
FRC247 On 08/02/2020 Spot Bond				100.00000	0.00000	97.75280				0.00	0	0
Total FRC248 SPOT										0.00	0	0
Total For FRC248										0.00	0	0
FRC248 On 19/10/2020 Spot Bond				100.00000	0.00000	116.48947				0.00	0	0
Total FRC249 SPOT										0.00	0	0
Total For FRC249										0.00	0	0
FRC249 On 19/10/2020 Spot Bond				100.00000	0.00000	97.26394				0.00	0	0
Total FRC250 SPOT										0.00	0	0
Total For FRC250										0.00	0	0
FRC250 On 13/02/2022 Spot Bond				100.00000	0.00000	101.10150				0.00	0	0
Total FRC251 SPOT										0.00	0	0
Total For FRC251										0.00	0	0
FRC251 On 14/03/2022 Spot Bond				100.00000	0.00000	100.17690				0.00	0	0
Total FRC252 SPOT										0.00	0	0
Total For FRC252										0.00	0	0
FRC252 On 27/03/2020 Spot Bond				100.00000	0.00000	102.02052				0.00	0	0
Total FRC254 SPOT										0.00	0	0
Total For FRC254										0.00	0	0
FRC254 On 05/10/2022 Spot Bond				100.00000	0.00000	101.48514				0.00	0	0
Total FRC255 SPOT										0.00	0	0
Total For FRC255										0.00	0	0
FRC255 On 17/07/2027 Spot Bond				100.00000	0.00000	101.23399				0.00	0	0
Total FRC256 SPOT										0.00	0	0
Total For FRC256										0.00	0	0
FRC256 On 27/03/2020 Spot Bond				100.00000	0.00000	100.33096				0.00	0	0
Total FRC257 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 FRC257										0.00	0	0
FRC257 On 08/05/2020 Spot Bond				100.00000	0.00000	100.36843				0.00	0	0
Total FRC258 SPOT										0.00	0	0
Total For FRC258										0.00	0	0
FRC66 On 31/01/2022 Spot Bond			4.18000	94.75185	4.18000	139.07425				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			4.24000	94.52327	4.24000	138.73851				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			4.22000	131.82413	4.22000	138.85031				0.00	0	0
Total FRC71 SPOT										0.00	0	0
Total For FRC71										0.00	0	0
FRD013 On 31/10/2020 Spot Bond				100.00000	0.00000	101.66149				0.00	0	0
Total FRD013 SPOT										0.00	0	0
Total For FRD013										0.00	0	0
FRD011 On 22/12/2018 Spot Bond			100.00000	37.49105	100.00000	44.99828				0.00	0	0
Total FRD011U SPOT										0.00	0	0
Total For FRD011U										0.00	0	0
FRD151 On 31/12/2017 Spot Bond			100.00000	100.46375	100.00000	100.19727				0.00	0	0
Total FRD151U SPOT										0.00	0	0
Total For FRD151U										0.00	0	0
FRD171 On 15/02/2021 Spot Bond			100.00000	16.04294	100.00000	15.99285				0.00	0	0
Total FRD171U SPOT										0.00	0	0
Total For FRD171U										0.00	0	0
FRI33 On 28/02/2033 Spot Bond			4.08000	84.82861	4.08000	84.73010				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			4.10000	99.29340	4.10000	99.27602				0.00	0	0
Total FRI38 SPOT										0.00	0	0
Total For FRI38										0.00	0	0
FRJ18 On 21/02/2018 Spot Bond				100.00000	0.00000	101.15430				0.00	0	500,000,000
Total FRJ18 SPOT										0.00	0	500,000,000
Total For FRJ18										0.00	0	500,000,000
FRJ19 On 04/04/2019 Spot Bond				100.00000	0.00000	102.21847				0.00	0	0
Total FRJ19 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 FRJ19										0.00	0	0
FRJ20 On 20/09/2020 Spot Bond				100.00000	0.00000	99.67564				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				100.00000	0.00000	99.89956				0.00	0	0
Total FRJ21 SPOT										0.00	0	0
Total For FRJ21										0.00	0	0
FRJ22 On 07/03/2022 Spot Bond				100.00000	0.00000	101.15314				0.00	0	0
Total FRJ22 SPOT										0.00	0	0
Total For FRJ22										0.00	0	0
FRJ25 On 09/03/2025 Spot Bond				100.00000	0.00000	101.88515				0.00	0	0
Total FRJ25 SPOT										0.00	0	0
Total For FRJ25										0.00	0	0
FRJ27 On 25/01/2027 Spot Bond				100.00000	0.00000	101.72864				0.00	0	0
Total FRJ27 SPOT										0.00	0	0
Total For FRJ27										0.00	0	0
FRS01U On 13/05/2021 Spot Bond			100.00000	8.03056	100.00000	8.01532				0.00	0	0
Total FRS01U SPOT										0.00	0	0
Total For FRS01U										0.00	0	0
FRS02U On 13/05/2021 Spot Bond			100.00000	8.03056	100.00000	8.01532				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			2.75800	84.21383	2.75800	106.01408				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			3.12000	106.67832	3.12000	115.61706				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				100.00000	0.00000	101.35561				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				100.00000	0.00000	101.35561				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			3.26000	104.18472	3.26000	113.09423				0.00	0	0
Total FRS108 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 FRS108										0.00	0	0
FRS108 On 07/12/2033 Spot Bond			3.33000	216.78789	3.33000	216.75430				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			4.21500	97.56511	4.21500	97.54773				0.00	0	0
Total FRS110 SPOT										0.00	0	0
Total For FRS110										0.00	0	0
FRS111 On 07/12/2033 Spot Bond			3.36000	215.99273	3.36000	215.95906				0.00	0	0
Total FRS112 SPOT										0.00	0	0
Total For FRS112										0.00	0	0
FRS112 On 29/04/2019 Spot Bond				100.00000	0.00000	101.53533				0.00	0	0
Total FRS113 SPOT										0.00	0	0
Total For FRS113										0.00	0	0
FRS113 On 31/01/2025 Spot Bond			3.61000	119.18532	3.61000	119.16600				0.00	0	0
Total FRS114 SPOT										0.00	0	0
Total For FRS114										0.00	0	0
FRS114 On 31/01/2038 Spot Bond			3.42500	110.22249	3.42500	110.20519				0.00	0	0
Total FRS115 SPOT										0.00	0	0
Total For FRS115										0.00	0	0
FRS115 On 31/01/2038 Spot Bond			3.42500	110.22249	3.42500	110.20519				0.00	0	0
Total FRS119 SPOT										0.00	0	0
Total For FRS119										0.00	0	0
FRS119 On 07/12/2033 Spot Bond			3.48000	117.92468	3.48000	212.81364				0.00	0	0
Total FRS120 SPOT										0.00	0	0
Total For FRS120										0.00	0	0
FRS120 On 07/12/2033 Spot Bond			3.53000	211.55356	3.53000	211.51962				0.00	0	0
Total FRS121 SPOT										0.00	0	0
Total For FRS121										0.00	0	0
FRS121 On 31/01/2025 Spot Bond			3.14000	107.68897	3.14000	107.67288				0.00	0	0
Total FRS122 SPOT										0.00	0	0
Total For FRS122										0.00	0	0
FRS122 On 07/12/2033 Spot Bond			3.56000	210.78183	3.56000	210.74784				0.00	0	0
Total FRS123 SPOT										0.00	0	0
Total For FRS123										0.00	0	0
FRS123 On 31/01/2038 Spot Bond			4.33500	95.80071	4.33500	95.78335				0.00	0	0
Total FRS124 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 FRS124										0.00	0	0
FRS124 On 31/03/2028 Spot Bond			3.86500	162.14944	3.86500	162.12197				0.00	0	0
Total FRS126 SPOT										0.00	0	0
Total For FRS126										0.00	0	0
FRS126 On 31/01/2038 Spot Bond			4.15000	86.01634	4.15000	98.52003				0.00	0	0
Total FRS127 SPOT										0.00	0	0
Total For FRS127										0.00	0	0
FRS127 On 31/03/2028 Spot Bond			3.84000	103.26512	3.84000	162.48780				0.00	0	0
Total FRS129 SPOT										0.00	0	0
Total For FRS129										0.00	0	0
FRS129 On 11/11/2017 Spot Bond			100.00000	91.64930	100.00000	91.42899				0.00	0	0
Total FRS130 SPOT										0.00	0	0
Total For FRS130										0.00	0	0
FRS130 On 31/03/2028 Spot Bond			3.90000	161.63892	3.90000	161.61139				0.00	0	0
Total FRS131 SPOT										0.00	0	0
Total For FRS131										0.00	0	0
FRS131 On 07/12/2033 Spot Bond			4.07000	198.17704	4.07000	198.14237				0.00	0	0
Total FRS132 SPOT										0.00	0	0
Total For FRS132										0.00	0	0
FRS132 On 24/03/2020 Spot Bond				100.00000	0.00000	98.86212				0.00	0	0
Total FRS133 SPOT										0.00	0	0
Total For FRS133										0.00	0	0
FRS133 On 31/01/2038 Spot Bond			4.08000	86.64437	4.08000	99.58038				0.00	0	0
Total FRS134 SPOT										0.00	0	0
Total For FRS134										0.00	0	0
FRS134 On 31/01/2038 Spot Bond			4.33500	83.29045	4.33500	95.78335				0.00	0	0
Total FRS135 SPOT										0.00	0	0
Total For FRS135										0.00	0	0
FRS135 On 31/01/2038 Spot Bond			3.86000	103.02200	3.86000	103.00462				0.00	0	0
Total FRS136 SPOT										0.00	0	0
Total For FRS136										0.00	0	0
FRS136 On 31/03/2028 Spot Bond			3.71000	164.43259	3.71000	164.40543				0.00	0	0
Total FRS137 SPOT										0.00	0	0
Total For FRS137										0.00	0	0
FRS137 On 07/12/2033 Spot Bond			3.84000	203.74318	3.84000	203.70880				0.00	0	0
Total FRS138 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 FRS138									0.00	0	0
FRS14: On 31/03/2028 Spot Bond			3.84000	162.51523	3.84000	162.48780			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			3.84000	162.51523	3.84000	162.48780			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			4.13000	95.22356	4.13000	158.30160			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			3.91000	116.81623	3.91000	116.79637			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			3.36000	143.78060	3.36000	143.75826			0.00	0	0
Total FRS147 SPOT									0.00	0	0
Total For FRS147									0.00	0	0
FRS14: On 06/05/2021 Spot Bond				100.00000	0.00000	129.57400			0.00	0	0
Total FRS148 SPOT									0.00	0	0
Total For FRS148									0.00	0	0
FRS14: On 31/03/2028 Spot Bond			4.19000	157.47904	4.19000	157.45100			0.00	0	0
Total FRS149 SPOT									0.00	0	0
Total For FRS149									0.00	0	0
FRS15: On 31/03/2028 Spot Bond			4.23000	156.91494	4.23000	156.88685			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			3.88000	117.05074	3.88000	117.03093			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			4.20000	157.33781	4.20000	157.30974			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			4.24000	156.77429	4.24000	156.74617			0.00	0	0
Total FRS153 SPOT									0.00	0	0
Total For FRS153									0.00	0	0
FRS15: On 19/05/2019 Spot Bond				100.00000	0.00000	108.62193			0.00	0	0
Total FRS157 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 FRS157										0.00	0	0
FRS157 On 20/06/2022 Spot Bond				100.00000	0.00000	102.68609				0.00	0	0
Total FRS158 SPOT										0.00	0	0
Total For FRS158										0.00	0	0
FRS158 On 06/06/2023 Spot Bond				100.00000	0.00000	102.07156				0.00	0	0
Total FRS159 SPOT										0.00	0	0
Total For FRS159										0.00	0	0
FRS159 On 06/06/2024 Spot Bond				100.00000	0.00000	100.97352				0.00	0	0
Total FRS160 SPOT										0.00	0	0
Total For FRS160										0.00	0	0
FRS160 On 06/06/2025 Spot Bond				100.00000	0.00000	99.89639				0.00	0	0
Total FRS161 SPOT										0.00	0	0
Total For FRS161										0.00	0	0
FRS161 On 20/06/2022 Spot Bond				100.00000	0.00000	83.83507				0.00	0	0
Total FRS162 SPOT										0.00	0	0
Total For FRS162										0.00	0	0
FRS162 On 06/06/2023 Spot Bond				100.00000	0.00000	83.90914				0.00	0	0
Total FRS163 SPOT										0.00	0	0
Total For FRS163										0.00	0	0
FRS163 On 06/06/2024 Spot Bond				100.00000	0.00000	85.74963				0.00	0	0
Total FRS164 SPOT										0.00	0	0
Total For FRS164										0.00	0	0
FRS164 On 06/06/2025 Spot Bond				100.00000	0.00000	86.09930				0.00	0	0
Total FRS165 SPOT										0.00	0	0
Total For FRS165										0.00	0	0
FRS165 On 01/08/2021 Spot Bond				100.00000	0.00000	69.93634				0.00	0	0
Total FRS166 SPOT										0.00	0	0
Total For FRS166										0.00	0	0
FRS166 On 01/08/2022 Spot Bond				100.00000	0.00000	75.51923				0.00	0	0
Total FRS167 SPOT										0.00	0	0
Total For FRS167										0.00	0	0
FRS167 On 01/08/2022 Spot Bond				100.00000	0.00000	72.86049				0.00	0	0
Total FRS168 SPOT										0.00	0	0
Total For FRS168										0.00	0	0
FRS168 On 01/08/2021 Spot Bond				100.00000	0.00000	73.02287				0.00	0	0
Total FRS169 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 FRS169										0.00	0	0
FRS17 On 01/08/2022 Spot Bond				100.00000	0.00000	72.07143				0.00	0	0
Total FRS170 SPOT										0.00	0	0
Total For FRS170										0.00	0	0
FRS36 On 07/12/2023 Spot Bond			2.98000	171.21313	2.98000	289.17301				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			2.87000	171.88864	2.87000	290.85174				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			3.59000	163.87866	3.59000	280.07157				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			3.32000	143.01242	3.32000	143.99138				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				100.00000	0.00000	101.36444				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			2.85000	146.78448	2.85000	146.76367				0.00	0	0
Total FRS51 SPOT										0.00	0	0
Total For FRS51										0.00	0	0
FRS62 On 04/11/2026 Spot Bond				100.00000	0.00000	101.18204				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			3.10000	111.16573	3.10000	111.14924				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			2.85000	90.18362	2.85000	118.27426				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			3.07000	119.36040	3.07000	123.56874				0.00	0	0
Total FRS85 SPOT										0.00	0	0
Total For FRS85										0.00	0	0
FRS86 On 23/04/2018 Spot Bond				100.00000	0.00000	99.76561				0.00	0	0
Total FRS86 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 FRS86										0.00	0	0
FRS87 On 31/01/2025 Spot Bond			3.10000	118.73102	3.10000	123.31940				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			3.78000	139.96364	3.78000	277.30710				0.00	0	0
Total FRS90 SPOT										0.00	0	0
Total For FRS90										0.00	0	0
FRS94 On 08/08/2018 Spot Bond				100.00000	0.00000	101.05944				0.00	0	0
Total FRS94 SPOT										0.00	0	0
Total For FRS94										0.00	0	0
FRS96 On 27/08/2018 Spot Bond				100.00000	0.00000	100.59383				0.00	0	0
Total FRS96 SPOT										0.00	0	0
Total For FRS96										0.00	0	0
FRX18 On 14/04/2018 Spot Bond			7.37000	106.29595	7.37000	106.27493				0.00	0	0
Total FRX18 SPOT										0.00	0	0
Total For FRX18										0.00	0	0
FRX19 On 15/11/2019 Spot Bond			7.55000	105.98681	7.55000	105.96547				0.00	0	0
Total FRX19 SPOT										0.00	0	0
Total For FRX19										0.00	0	0
FRX20 On 01/10/2020 Spot Bond			7.82500	106.60500	7.82500	106.58265				0.00	0	0
Total FRX20 SPOT										0.00	0	0
Total For FRX20										0.00	0	0
FRX23 On 28/02/2023 Spot Bond			8.67500	96.51788	8.67500	96.49524				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			9.09500	111.64428	9.09500	111.61716				0.00	0	0
Total FRX24 SPOT										0.00	0	0
Total For FRX24										0.00	0	0
FRX26 On 01/10/2026 Spot Bond			9.46500	104.72050	9.46500	104.69404				0.00	0	400,000,000
Total FRX26 SPOT										0.00	0	400,000,000
Total For FRX26										0.00	0	400,000,000
FRX27 On 07/03/2027 Spot Bond			9.53500	104.43634	9.53500	104.40947				0.00	0	0
Total FRX27 SPOT										0.00	0	0
Total For FRX27										0.00	0	0
FRX30 On 31/01/2030 Spot Bond			9.92500	100.14959	9.92500	100.12324				0.00	0	0
Total FRX30 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 FRX30									0.00	0	0
FRX31 On 21/02/2031 Spot Bond			10.04500	96.84109	10.04500	96.81530			22,099,000,000,000.00	2,200,000,000	1,100,000,000
Total FRX31 SPOT									22,099,000,000,000.00	2,200,000,000	1,100,000,000
Total For FRX31									22,099,000,000,000.00	2,200,000,000	1,100,000,000
FRX32 On 31/03/2032 Spot Bond			10.10000	101.31651	10.10000	102.91234			0.00	0	850,000,000
Total FRX32 SPOT									0.00	0	850,000,000
Total For FRX32									0.00	0	850,000,000
FRX45 On 14/04/2045 Spot Bond			10.71000	79.63156	10.71000	79.60886			0.00	0	0
Total FRX45 SPOT									0.00	0	0
Total For FRX45									0.00	0	0
FS1A5 On 20/09/2018 Spot Bond				100.00000	0.00000	100.11637			0.00	0	0
Total FS1A5 SPOT									0.00	0	0
Total For FS1A5									0.00	0	0
FS1B1 On 20/09/2018 Spot Bond				100.00000	0.00000	100.25947			0.00	0	0
Total FS1B1 SPOT									0.00	0	0
Total For FS1B1									0.00	0	0
FS1C1 On 20/09/2018 Spot Bond				100.00000	0.00000	100.02333			0.00	0	0
Total FS1C1 SPOT									0.00	0	0
Total For FS1C1									0.00	0	0
FS1D1 On 20/09/2018 Spot Bond				100.00000	0.00000	100.02682			0.00	0	0
Total FS1D1 SPOT									0.00	0	0
Total For FS1D1									0.00	0	0
FS2A4 On 20/11/2018 Spot Bond				100.00000	0.00000	100.64911			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				100.00000	0.00000	100.85377			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				100.00000	0.00000	100.74607			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				100.00000	0.00000	100.76699			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				100.00000	0.00000	100.85892			0.00	0	0
Total FS2D1 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 FS2D1										0.00	0	0
FS3A3L On 20/02/2020 Spot Bond			100.00000	21.01194	100.00000	20.96103				0.00	0	0
Total FS3A3U SPOT										0.00	0	0
Total For FS3A3U										0.00	0	0
FS3A4L On 20/02/2020 Spot Bond			100.00000	21.15262	100.00000	21.10138				0.00	0	0
Total FS3A4U SPOT										0.00	0	0
Total For FS3A4U										0.00	0	0
FS3A5 On 20/02/2020 Spot Bond				100.00000	0.00000	100.71425				0.00	0	0
Total FS3A5 SPOT										0.00	0	0
Total For FS3A5										0.00	0	0
FS3A5L On 20/02/2020 Spot Bond			100.00000	21.35897	100.00000	21.30722				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				100.00000	0.00000	100.73770				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	21.62158	100.00000	21.56921				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	21.85607	100.00000	21.80313				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	22.88779	100.00000	22.83234				0.00	0	0
Total FS3D1U SPOT										0.00	0	0
Total For FS3D1U										0.00	0	0
FS4A3L On 20/03/2020 Spot Bond			100.00000	19.58499	100.00000	19.53702				0.00	0	0
Total FS4A3U SPOT										0.00	0	0
Total For FS4A3U										0.00	0	0
FS4A4L On 20/03/2020 Spot Bond			100.00000	19.80250	100.00000	19.75400				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	19.88951	100.00000	19.84079				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	20.06351	100.00000	20.01438				0.00	0	0
Total FS4B1U 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 FS4B1U										0.00	0	0
FS4C1 On 20/03/2020 Spot Bond			100.00000	20.28102	100.00000	20.23135				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1 On 20/03/2020 Spot Bond			100.00000	20.54203	100.00000	20.49172				0.00	0	0
Total FS4D1U SPOT										0.00	0	0
Total For FS4D1U										0.00	0	0
FS5A1 On 20/04/2019 Spot Bond			100.00000	31.86978	100.00000	31.79257				0.00	0	0
Total FS5A1U SPOT										0.00	0	0
Total For FS5A1U										0.00	0	0
FS5A2 On 20/04/2021 Spot Bond			100.00000	13.28396	100.00000	13.25178				0.00	0	0
Total FS5A2U SPOT										0.00	0	0
Total For FS5A2U										0.00	0	0
FS5A3 On 20/04/2023 Spot Bond			100.00000	10.37476	100.00000	10.34962				0.00	0	0
Total FS5A3U SPOT										0.00	0	0
Total For FS5A3U										0.00	0	0
FS5A4 On 20/04/2021 Spot Bond			100.00000	13.90372	100.00000	13.87003				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0
FS5A5 On 20/04/2021 Spot Bond			100.00000	14.01640	100.00000	13.98244				0.00	0	0
Total FS5A5U SPOT										0.00	0	0
Total For FS5A5U										0.00	0	0
FS5B1 On 20/04/2021 Spot Bond			100.00000	14.24177	100.00000	14.20726				0.00	0	0
Total FS5B1U SPOT										0.00	0	0
Total For FS5B1U										0.00	0	0
FS5C1 On 20/04/2021 Spot Bond			100.00000	14.52348	100.00000	14.48829				0.00	0	0
Total FS5C1U SPOT										0.00	0	0
Total For FS5C1U										0.00	0	0
FS5D1 On 20/04/2021 Spot Bond			100.00000	14.86153	100.00000	14.82553				0.00	0	0
Total FS5D1U SPOT										0.00	0	0
Total For FS5D1U										0.00	0	0
FS5E1 On 20/04/2021 Spot Bond			100.00000	16.55178	100.00000	16.51168				0.00	0	0
Total FS5E1U SPOT										0.00	0	0
Total For FS5E1U										0.00	0	0
GBL02 On 15/10/2018 Spot Bond				100.00000	0.00000	101.75674				0.00	0	0
Total GBL02 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 GBL02										0.00	0	0
GH31A On 25/02/2018 Spot Bond				100.00000	0.00000	100.74842				0.00	0	0
Total GH31A1 SPOT										0.00	0	0
Total For GH31A1										0.00	0	0
GH31A On 25/02/2020 Spot Bond				100.00000	0.00000	100.64001				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				100.00000	0.00000	100.64728				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				100.00000	0.00000	100.69454				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				100.00000	0.00000	100.75262				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				100.00000	0.00000	100.78887				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	15.19425	100.00000	15.15744				0.00	0	0
Total GH41U SPOT										0.00	0	0
Total For GH41U										0.00	0	0
GPT42 On 06/12/2017 Spot Bond				100.00000	0.00000	100.30740				0.00	0	0
Total GPT42 SPOT										0.00	0	0
Total For GPT42										0.00	0	0
GRB01 On 08/12/2019 Spot Bond			100.00000	20.64026	100.00000	20.58971				0.00	0	0
Total GRB01U SPOT										0.00	0	0
Total For GRB01U										0.00	0	0
GRB02 On 08/12/2017 Spot Bond			100.00000	84.11371	100.00000	83.92384				0.00	0	0
Total GRB02U SPOT										0.00	0	0
Total For GRB02U										0.00	0	0
GRB03 On 03/03/2019 Spot Bond			100.00000	39.63693	100.00000	39.53985				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	17.06225	100.00000	17.02092				0.00	0	0
Total GRB04U 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 GRB04U										0.00	0	0
GRB05 On 10/06/2019 Spot Bond			100.00000	28.80067	100.00000	28.73013				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	17.31904	100.00000	17.27662				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	4.87348	100.00000	4.86423				0.00	0	0
Total GRB07U SPOT										0.00	0	0
Total For GRB07U										0.00	0	0
GRB11 On 31/01/2018 Spot Bond			100.00000	73.58871	100.00000	73.44064				0.00	0	0
Total GRB11U SPOT										0.00	0	0
Total For GRB11U										0.00	0	0
GRB12 On 31/07/2018 Spot Bond			100.00000	49.99842	100.00000	49.88746				0.00	0	0
Total GRB12U SPOT										0.00	0	0
Total For GRB12U										0.00	0	0
GRB13 On 31/01/2019 Spot Bond			100.00000	38.98783	100.00000	38.91386				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	31.42647	100.00000	31.39158				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	19.49392	100.00000	19.45693				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	13.96732	100.00000	13.95181				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	9.78405	100.00000	9.76549				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	6.21460	100.00000	6.20770				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	4.87348	100.00000	4.86423				0.00	0	0
Total GRB19U 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 GRB19U										0.00	0	0
GRB20 On 17/03/2020 Spot Bond			100.00000	21.31540	100.00000	21.24779				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	13.75202	100.00000	13.70839				0.00	0	0
Total GRB21U SPOT										0.00	0	0
Total For GRB21U										0.00	0	0
GRB22 On 17/03/2023 Spot Bond			100.00000	9.79256	100.00000	9.76150				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	12.47092	100.00000	12.43156				0.00	0	0
Total GRB23U SPOT										0.00	0	0
Total For GRB23U										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	101.42773				0.00	0	0
Total GRH1A3 SPOT										0.00	0	0
Total For GRH1A3										0.00	0	0
GRH1B On 25/10/2017 Spot Bond				100.00000	0.00000	101.44373				0.00	0	0
Total GRH1B SPOT										0.00	0	0
Total For GRH1B										0.00	0	0
GRH1C On 25/10/2017 Spot Bond				100.00000	0.00000	101.52249				0.00	0	0
Total GRH1C SPOT										0.00	0	0
Total For GRH1C										0.00	0	0
GRH1Y On 25/10/2017 Spot Bond			100.00000	92.87209	100.00000	92.63933				0.00	0	0
Total GRH1YU SPOT										0.00	0	0
Total For GRH1YU										0.00	0	0
GRT06 On 11/12/2017 Spot Bond				100.00000	0.00000	100.41379				0.00	0	0
Total GRT06 SPOT										0.00	0	0
Total For GRT06										0.00	0	0
GRT07 On 21/02/2024 Spot Bond				100.00000	0.00000	100.77474				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				100.00000	0.00000	100.45943				0.00	0	0
Total GRT08 SPOT										0.00	0	0
Total For GRT08										0.00	0	0
GRT09 On 15/10/2018 Spot Bond				100.00000	0.00000	102.29042				0.00	0	0
Total GRT09 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 GRT09										0.00	0	0
GRT10 On 13/05/2019 Spot Bond				100.00000	0.00000	100.91211				0.00	0	0
Total GRT10 SPOT										0.00	0	0
Total For GRT10										0.00	0	0
GRT11 On 13/05/2021 Spot Bond				100.00000	0.00000	100.90461				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				100.00000	0.00000	100.19256				0.00	0	0
Total GRT12 SPOT										0.00	0	0
Total For GRT12										0.00	0	0
GRT13 On 15/04/2020 Spot Bond				100.00000	0.00000	101.62729				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				100.00000	0.00000	100.16168				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				100.00000	0.00000	101.74571				0.00	400,000,000	200,000,000
Total GRT15 SPOT										0.00	400,000,000	200,000,000
Total For GRT15										0.00	400,000,000	200,000,000
GRT16 On 17/10/2021 Spot Bond				100.00000	0.00000	101.67447				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			9.23500	108.54740	9.23500	108.52062				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				100.00000	0.00000	100.18916				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				100.00000	0.00000	100.35619				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				100.00000	0.00000	102.03450				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			9.93500	100.68573	9.93500	103.82996				0.00	0	0
Total GRT21 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 GRT21										0.00	0	0
GRX01 On 03/07/2032 Spot Bond			100.00000	0.00009	100.00000	0.00009				0.00	0	0
Total GRX01U SPOT										0.00	0	0
Total For GRX01U										0.00	0	0
HC1M1 On 31/10/2017 Spot Bond				100.00000	0.00000	119.09658				0.00	0	0
Total HC1M1 SPOT										0.00	0	0
Total For HC1M1										0.00	0	0
HC1M2 On 31/10/2017 Spot Bond				100.00000	0.00000	114.24658				0.00	0	0
Total HC1M2 SPOT										0.00	0	0
Total For HC1M2										0.00	0	0
HC1M3 On 31/10/2017 Spot Bond				100.00000	0.00000	103.62283				0.00	0	0
Total HC1M3 SPOT										0.00	0	0
Total For HC1M3										0.00	0	0
HC2T1 On 05/10/2017 Spot Bond				100.00000	0.00000	101.87825				0.00	0	0
Total HC2T1 SPOT										0.00	0	0
Total For HC2T1										0.00	0	0
HC4T1 On 15/12/2017 Spot Bond				100.00000	0.00000	100.13675				0.00	0	0
Total HC4T1 SPOT										0.00	0	0
Total For HC4T1										0.00	0	0
HIL01U On 21/11/2019 Spot Bond			100.00000	21.60008	100.00000	21.54776				0.00	0	0
Total HIL01U SPOT										0.00	0	0
Total For HIL01U										0.00	0	0
HILB03 On 02/05/2018 Spot Bond				100.00000	0.00000	101.18350				0.00	0	0
Total HILB03 SPOT										0.00	0	0
Total For HILB03										0.00	0	0
HILB04 On 01/11/2019 Spot Bond				100.00000	0.00000	100.91419				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				100.00000	0.00000	101.80885				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				100.00000	0.00000	101.82824				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				100.00000	0.00000	101.84990				0.00	0	0
Total HILB07 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 HILB07										0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	10.72185	100.00000	10.69588				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	10.72185	100.00000	10.69588				0.00	0	0
Total HM1C5U SPOT										0.00	0	0
Total For HM1C5U										0.00	0	0
HM1D4 On 19/07/2048 Spot Bond			100.00000	11.51211	100.00000	11.48422				0.00	0	0
Total HM1D4U SPOT										0.00	0	0
Total For HM1D4U										0.00	0	0
HM1D5 On 19/07/2048 Spot Bond			100.00000	11.51211	100.00000	11.48422				0.00	0	0
Total HM1D5U SPOT										0.00	0	0
Total For HM1D5U										0.00	0	0
HM1E4 On 19/07/2048 Spot Bond			100.00000	12.47799	100.00000	12.44776				0.00	0	0
Total HM1E4U SPOT										0.00	0	0
Total For HM1E4U										0.00	0	0
HPF04/ On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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				100.00000	0.00000	100.85057				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				100.00000	0.00000	101.90052				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				100.00000	0.00000	101.74441				0.00	0	0
Total HPF09 SPOT										0.00	0	0
Total For HPF09										0.00	0	0
HPF10 On 17/02/2018 Spot Bond				100.00000	0.00000	100.80730				0.00	0	0
Total HPF10 SPOT										0.00	0	0
Total For HPF10										0.00	0	0
HWAY2 On 31/07/2020 Spot Bond			8.00000	105.77511	8.00000	105.75257				0.00	0	4,190,000,000
Total HWAY20 SPOT										0.00	0	4,190,000,000
Total For HWAY20										0.00	0	4,190,000,000
HWAY2 On 31/07/2020 Spot Bond			100.00000	19.86262	100.00000	19.81891				0.00	0	0
Total HWAY20/R207 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 HWAY20/R207									0.00	0	0
HWAY2 On 07/12/2023 Spot Bond			3.02000	288.60780	3.02000	288.56547			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			2.73000	174.43011	2.73000	298.73379			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			3.16000	89.08543	3.16000	99.04736			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			10.50000	91.52441	10.50000	91.49896		30,450,000,000,000.00	2,900,000,000	3,420,000,000	
Total HWAY34 SPOT								30,450,000,000,000.00	2,900,000,000	3,420,000,000	
Total For HWAY34								30,450,000,000,000.00	2,900,000,000	3,420,000,000	
HWAY3 On 31/07/2034 Spot Bond			100.00000	10.39604	100.00000	10.37316		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			10.51000	91.24444	10.51000	91.21905		25,224,000,000,000.00	2,400,000,000	800,000,000	
Total HWAY35 SPOT								25,224,000,000,000.00	2,400,000,000	800,000,000	
Total For HWAY35								25,224,000,000,000.00	2,400,000,000	800,000,000	
HWAY3 On 31/07/2035 Spot Bond			100.00000	10.39598	100.00000	10.37310		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				100.00000	0.00000	101.62018		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				100.00000	0.00000	100.18962		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	23.71768	100.00000	23.66022		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	111.60600	10.00000	111.57700		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			2.45000	128.86724	2.46000	128.76319		11,764,956,840,000.00	4,802,023,200	54,030,975,100	
Total I2025 SPOT								11,764,956,840,000.00	4,802,023,200	54,030,975,100	

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 I2025									11,764,956,840,000.00	4,802,023,200	54,030,975,100
I2029 On 31/03/2029 Spot Bond			2.50000	99.31398	2.50000	99.30081			42,981,863,250,000.00	17,192,745,300	35,029,500,000
Total I2029 SPOT									12,981,863,250,000.00	17,192,745,300	35,029,500,000
Total For I2029									12,981,863,250,000.00	17,192,745,300	35,029,500,000
I2033 On 28/02/2033 Spot Bond			2.53000	103.65873	2.53000	103.64482			16,700,589,202,000.00	6,601,023,400	38,830,876,600
Total I2033 SPOT									16,700,589,202,000.00	6,601,023,400	38,830,876,600
Total For I2033									16,700,589,202,000.00	6,601,023,400	38,830,876,600
I2038 On 31/01/2038 Spot Bond			2.50000	127.64663	2.50000	127.62974			81,110,233,250,000.00	32,444,093,300	184,207,440,400
Total I2038 SPOT									31,110,233,250,000.00	32,444,093,300	184,207,440,400
Total For I2038									31,110,233,250,000.00	32,444,093,300	184,207,440,400
I2046 On 31/03/2046 Spot Bond			2.58000	122.78633	2.58000	122.76976			28,836,988,692,000.00	11,177,127,400	91,836,604,500
Total I2046 SPOT									28,836,988,692,000.00	11,177,127,400	91,836,604,500
Total For I2046									28,836,988,692,000.00	11,177,127,400	91,836,604,500
I2050 On 31/12/2050 Spot Bond			2.57000	131.04506	2.57000	131.02747			115,214,689,288,000.00	44,830,618,400	105,584,391,978
Total I2050 SPOT									15,214,689,288,000.00	44,830,618,400	105,584,391,978
Total For I2050									15,214,689,288,000.00	44,830,618,400	105,584,391,978
IB105U On 20/10/2017 Spot Bond			100.00000	92.87532	100.00000	92.63959			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	17.13104	100.00000	17.05487			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	12.90626	100.00000	12.86597			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			100.00000		0.00000	100.66088			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			8.71000	104.33871	8.71000	104.31454			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			100.00000		0.00000	100.67602			0.00	0	0
Total IBL102 SPOT									0.00	0	0
Total For IBL102									0.00	0	0
IBL103 On 08/06/2018 Spot Bond			100.00000		0.00000	100.28898			0.00	0	0
Total IBL103 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 IBL103										0.00	0	0
IBL104 On 17/07/2018 Spot Bond			8.70500	103.15134	8.70500	101.55646				0.00	0	0
Total IBL104 SPOT										0.00	0	0
Total For IBL104										0.00	0	0
IBL106 On 06/08/2020 Spot Bond			8.28000	100.02960	8.28000	101.02970				0.00	0	0
Total IBL106 SPOT										0.00	0	0
Total For IBL106										0.00	0	0
IBL22 On 15/03/2018 Spot Bond			5.84500	102.14875	5.84500	102.13283				0.00	0	0
Total IBL22 SPOT										0.00	0	0
Total For IBL22										0.00	0	0
IBL36 On 31/01/2022 Spot Bond			2.92000	144.37216	2.92000	146.34688				0.00	0	0
Total IBL36 SPOT										0.00	0	0
Total For IBL36										0.00	0	0
IBL39 On 02/04/2018 Spot Bond			5.96500	101.19680	5.96500	105.55533				0.00	0	0
Total IBL39 SPOT										0.00	0	0
Total For IBL39										0.00	0	0
IBL43/J On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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			8.25000	101.72223	8.25000	101.69976				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			8.68000	98.40242	8.68000	98.37970				0.00	0	0
Total IBL46 SPOT										0.00	0	0
Total For IBL46										0.00	0	0
IBL49 On 02/04/2018 Spot Bond			6.15500	100.40594	6.15500	104.05013				0.00	0	0
Total IBL49 SPOT										0.00	0	0
Total For IBL49										0.00	0	0
IBL49/F On 02/04/2018 Spot Bond			7.34000	99.80083	7.34000	103.44074				0.00	0	0
Total IBL49/R203 SPOT										0.00	0	0
Total For IBL49/R203										0.00	0	0
IBL50 On 02/08/2020 Spot Bond			8.67000	102.31124	8.67000	102.28765				0.00	0	0
Total IBL50 SPOT										0.00	0	0
Total For IBL50										0.00	0	0
IBL53 On 31/07/2018 Spot Bond				100.00000	0.00000	101.18953				0.00	0	0
Total IBL53 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 IBL53										0.00	0	0
IBL55 On 31/07/2018 Spot Bond			8.03000	101.21663	8.03000	101.19497				0.00	0	0
Total IBL55 SPOT										0.00	0	0
Total For IBL55										0.00	0	0
IBL56 On 31/01/2019 Spot Bond				100.00000	0.00000	101.29525				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			7.99000	102.47535	7.99000	102.45354				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			9.39500	105.05312	9.39500	105.02692				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				100.00000	0.00000	99.62533				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				100.00000	0.00000	101.02608				0.00	0	0
Total IBL64 SPOT										0.00	0	0
Total For IBL64										0.00	0	0
IBL65 On 29/07/2021 Spot Bond				100.00000	0.00000	101.21781				0.00	0	0
Total IBL65 SPOT										0.00	0	0
Total For IBL65										0.00	0	0
IBL66 On 12/03/2018 Spot Bond				100.00000	0.00000	100.53294				0.00	0	0
Total IBL66 SPOT										0.00	0	0
Total For IBL66										0.00	0	0
IBL67 On 31/01/2022 Spot Bond			3.65000	142.10430	3.65000	142.08111				0.00	0	0
Total IBL67 SPOT										0.00	0	0
Total For IBL67										0.00	0	0
IBL68 On 29/06/2018 Spot Bond				100.00000	0.00000	99.89999				0.00	0	0
Total IBL68 SPOT										0.00	0	0
Total For IBL68										0.00	0	0
IBL69U On 22/07/2018 Spot Bond			100.00000	64.13108	100.00000	63.97572				0.00	0	0
Total IBL69U SPOT										0.00	0	0
Total For IBL69U										0.00	0	0
IBL73 On 19/08/2018 Spot Bond				100.00000	0.00000	100.82074				0.00	0	0
Total IBL73 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 IBL73										0.00	0	0
IBL75 On 19/08/2020 Spot Bond				100.00000	0.00000	100.75455				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				100.00000	0.00000	100.99402				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				100.00000	0.00000	100.65454				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			9.44500	105.61758	9.44500	105.59109				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			7.82000	104.26149	7.82000	104.23977				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	43.57505	100.00000	43.46949				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	15.61452	100.00000	15.57670				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				100.00000	0.00000	101.26439				0.00	0	0
Total IBL82 SPOT										0.00	0	0
Total For IBL82										0.00	0	0
IBL83 On 22/03/2019 Spot Bond				100.00000	0.00000	99.97793				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	31.92240	100.00000	31.84507				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				100.00000	0.00000	101.20857				0.00	0	0
Total IBL85 SPOT										0.00	0	0
Total For IBL85										0.00	0	0
IBL86 On 20/05/2021 Spot Bond				100.00000	0.00000	102.18488				0.00	0	0
Total IBL86 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 IBL86									0.00	0	0
IBL87 On 20/05/2019 Spot Bond			8.12000	105.77566	8.12000	105.75278			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			8.69500	108.48415	8.69500	108.45906			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	18.20159	100.00000	18.16152			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				100.00000	0.00000	100.61380			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	30.33875	100.00000	30.26525			0.00	0	0
Total IBL90U SPOT									0.00	0	0
Total For IBL90U									0.00	0	0
IBL91 On 02/06/2018 Spot Bond				100.00000	0.00000	100.40663			0.00	0	0
Total IBL91 SPOT									0.00	0	0
Total For IBL91									0.00	0	0
IBL92 On 12/01/2020 Spot Bond				100.00000	0.00000	101.77715			0.00	0	0
Total IBL92 SPOT									0.00	0	0
Total For IBL92									0.00	0	0
IBL93 On 31/08/2018 Spot Bond				100.00000	0.00000	100.90285			0.00	0	0
Total IBL93 SPOT									0.00	0	0
Total For IBL93									0.00	0	0
IBL94 On 06/09/2019 Spot Bond				100.00000	0.00000	100.54953			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				100.00000	0.00000	101.02851			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				100.00000	0.00000	99.99988			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				100.00000	0.00000	101.95596			0.00	0	0
Total IBL97 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 IBL97										0.00	0	0
IBL98 On 03/10/2023 Spot Bond				100.00000	0.00000	102.04546				0.00	0	0
Total IBL98 SPOT										0.00	0	0
Total For IBL98										0.00	0	0
IBL99 On 21/10/2019 Spot Bond			7.99000	105.67527	7.99000	105.65265				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	11.95693	100.00000	11.93061				0.00	0	0
Total IDC01U SPOT										0.00	0	0
Total For IDC01U										0.00	0	0
IDCG02 On 22/10/2018 Spot Bond				100.00000	0.00000	101.38666				0.00	0	0
Total IDC02 SPOT										0.00	0	0
Total For IDC02										0.00	0	0
IDCG03 On 22/10/2020 Spot Bond			9.01500	101.69199	9.01500	101.66749				0.00	0	300,000,000
Total IDC03 SPOT										0.00	0	300,000,000
Total For IDC03										0.00	0	300,000,000
IDCG04 On 24/11/2017 Spot Bond				100.00000	0.00000	100.64097				0.00	0	0
Total IDC04 SPOT										0.00	0	0
Total For IDC04										0.00	0	0
IDCG05 On 24/11/2019 Spot Bond				100.00000	0.00000	100.56960				0.00	0	0
Total IDC05 SPOT										0.00	0	0
Total For IDC05										0.00	0	0
IDCG06 On 24/11/2024 Spot Bond			10.23500	99.69184	10.23500	99.66481				0.00	0	0
Total IDC06 SPOT										0.00	0	0
Total For IDC06										0.00	0	0
IDCG07 On 13/11/2020 Spot Bond				100.00000	0.00000	100.91194				0.00	0	0
Total IDC07 SPOT										0.00	0	0
Total For IDC07										0.00	0	0
IDCG08 On 13/05/2030 Spot Bond			11.31500	103.74713	11.31500	103.71140				0.00	0	0
Total IDC08 SPOT										0.00	0	0
Total For IDC08										0.00	0	0
IDCG09 On 05/12/2019 Spot Bond				100.00000	0.00000	100.38750				0.00	0	0
Total IDC09 SPOT										0.00	0	0
Total For IDC09										0.00	0	0
IDCG10 On 05/12/2021 Spot Bond				100.00000	0.00000	100.39294				0.00	0	0
Total IDC10 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 IDCG10										0.00	0	0
IDCG11 On 05/12/2026 Spot Bond			10.33500	105.90283	10.33500	105.87368				0.00	0	0
Total IDCG11 SPOT										0.00	0	0
Total For IDCG11										0.00	0	0
IDCP04 On 19/10/2017 Spot Bond			5.00000	102.12229	5.00000	102.10835				0.00	0	0
Total IDCP04 SPOT										0.00	0	0
Total For IDCP04										0.00	0	0
IDCP05 On 14/03/2018 Spot Bond			4.00000	100.10217	4.00000	100.09141				0.00	0	0
Total IDCP05 SPOT										0.00	0	0
Total For IDCP05										0.00	0	0
IDCP06 On 17/10/2019 Spot Bond			4.00000	101.72444	4.00000	101.71343				0.00	0	0
Total IDCP06 SPOT										0.00	0	0
Total For IDCP06										0.00	0	0
IDCP1U On 18/05/2024 Spot Bond			100.00000	9.15469	100.00000	9.13454				0.00	0	0
Total IDCP1U SPOT										0.00	0	0
Total For IDCP1U										0.00	0	0
IFC01 On 10/12/2024 Spot Bond			8.63500	102.90470	8.63500	102.88093				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			7.40500	108.03593	7.40500	108.01446				0.00	0	0
Total IFC02 SPOT										0.00	0	0
Total For IFC02										0.00	0	0
IN272U On 10/11/2017 Spot Bond			100.00000	89.72388	100.00000	89.50767				0.00	0	0
Total IN272U SPOT										0.00	0	0
Total For IN272U										0.00	0	0
IN276U On 30/06/2021 Spot Bond			100.00000	13.93359	100.00000	13.89984				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	13.75617	100.00000	13.72285				0.00	0	0
Total IN277U SPOT										0.00	0	0
Total For IN277U										0.00	0	0
IN281U On 28/11/2019 Spot Bond			100.00000	21.06166	100.00000	21.01065				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	31.72890	100.00000	31.65204				0.00	0	0
Total IN286U 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 IN286U										0.00	0	0
IN289U On 30/06/2025 Spot Bond			100.00000	10.06018	100.00000	10.03792				0.00	0	0
Total IN289U SPOT										0.00	0	0
Total For IN289U										0.00	0	0
IN306U On 24/06/2020 Spot Bond			100.00000	17.78480	100.00000	17.74171				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	40.22111	100.00000	40.12260				0.00	0	0
Total IN313U SPOT										0.00	0	0
Total For IN313U										0.00	0	0
IN319U On 20/12/2017 Spot Bond			100.00000	83.39888	100.00000	83.21559				0.00	0	0
Total IN319U SPOT										0.00	0	0
Total For IN319U										0.00	0	0
IN327U On 15/02/2021 Spot Bond			100.00000	15.38893	100.00000	15.35164				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	14.97899	100.00000	13.95590				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	13.36728	100.00000	12.70457				0.00	0	0
Total IN334U SPOT										0.00	0	0
Total For IN334U										0.00	0	0
IN339U On 12/12/2017 Spot Bond			100.00000	85.67440	100.00000	85.47745				0.00	0	0
Total IN339U SPOT										0.00	0	0
Total For IN339U										0.00	0	0
IN341U On 12/12/2017 Spot Bond			100.00000	85.72829	100.00000	85.53121				0.00	0	0
Total IN341U SPOT										0.00	0	0
Total For IN341U										0.00	0	0
IN342U On 31/03/2032 Spot Bond			100.00000	8.10576	100.00000	12.13138				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	9.32341	100.00000	9.30255				0.00	0	0
Total IN343U SPOT										0.00	0	0
Total For IN343U										0.00	0	0
IN345U On 31/01/2030 Spot Bond			100.00000	8.99517	100.00000	8.97538				0.00	0	0
Total IN345U 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 IN345U										0.00	0	0
IN346U On 15/04/2018 Spot Bond			100.00000	65.52286	100.00000	65.36413				0.00	0	0
Total IN346U SPOT										0.00	0	0
Total For IN346U										0.00	0	0
IN347U On 21/12/2026 Spot Bond			100.00000	12.95224	100.00000	12.92358				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	12.20550	100.00000	11.77241				0.00	0	0
Total IN355U SPOT										0.00	0	0
Total For IN355U										0.00	0	0
IN359U On 01/07/2018 Spot Bond			100.00000	63.29384	100.00000	63.08958				0.00	0	0
Total IN359U SPOT										0.00	0	0
Total For IN359U										0.00	0	0
ING132 On 22/12/2018 Spot Bond				100.00000	0.00000	99.97480				0.00	0	0
Total ING132 SPOT										0.00	0	0
Total For ING132										0.00	0	0
ING196 On 30/06/2027 Spot Bond				100.00000	0.00000	78.65983				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	111.60600	10.00000	111.57700				0.00	0	0
Total ING211/JIBAR SPOT										0.00	0	0
Total For ING211/JIBAR										0.00	0	0
ING228 On 22/09/2018 Spot Bond				100.00000	0.00000	99.97522				0.00	0	0
Total ING228 SPOT										0.00	0	0
Total For ING228										0.00	0	0
ING232 On 04/10/2018 Spot Bond				100.00000	0.00000	100.38503				0.00	0	0
Total ING232 SPOT										0.00	0	0
Total For ING232										0.00	0	0
ING335 On 15/08/2019 Spot Bond				100.00000	0.00000	99.36614				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				100.00000	0.00000	99.97488				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				100.00000	0.00000	100.49580				0.00	0	0
Total ING362 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 ING362										0.00	0	0
INLV01 On 12/08/2024 Spot Bond				100.00000	0.00000	101.23652				0.00	0	600,000,000
Total INLV01 SPOT										0.00	0	600,000,000
Total For INLV01										0.00	0	600,000,000
INLV02 On 20/10/2020 Spot Bond				100.00000	0.00000	103.12049				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				100.00000	0.00000	101.29166				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			11.05500	106.16414	11.05500	106.13310				0.00	0	0
Total INLV04 SPOT										0.00	0	0
Total For INLV04										0.00	0	0
IPF01/J On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total IPF01/JIBAR SPOT										0.00	0	0
Total For IPF01/JIBAR										0.00	0	0
IPF08 On 01/07/2018 Spot Bond				100.00000	0.00000	101.97441				0.00	0	0
Total IPF08 SPOT										0.00	0	0
Total For IPF08										0.00	0	0
IPF09 On 01/07/2019 Spot Bond				100.00000	0.00000	102.41004				0.00	0	0
Total IPF09 SPOT										0.00	0	0
Total For IPF09										0.00	0	0
IPF11 On 15/10/2018 Spot Bond			100.00000	45.94801	100.00000	45.83671				0.00	0	0
Total IPF11 SPOT										0.00	0	0
Total For IPF11										0.00	0	0
IPF12 On 15/04/2018 Spot Bond				100.00000	0.00000	101.63089				0.00	0	0
Total IPF12 SPOT										0.00	0	0
Total For IPF12										0.00	0	0
IPF13 On 04/12/2020 Spot Bond				100.00000	0.00000	100.41522				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				100.00000	0.00000	100.01233				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				100.00000	0.00000	100.01438				0.00	0	0
Total IPF15 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 IPF15										0.00	0	0
IPF16 On 17/12/2021 Spot Bond				100.00000	0.00000	100.01561				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				100.00000	0.00000	99.97764				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				100.00000	0.00000	99.97736				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				100.00000	0.00000	99.97710				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				100.00000	0.00000	100.01224				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				100.00000	0.00000	100.01488				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				100.00000	0.00000	100.17308				0.00	0	0
Total IPF22 SPOT										0.00	0	0
Total For IPF22										0.00	0	0
IPFC15 On 26/10/2017 Spot Bond				100.00000	0.00000	101.17717				0.00	0	0
Total IPFC15 SPOT										0.00	0	0
Total For IPFC15										0.00	0	0
IPL10 On 20/05/2021 Spot Bond			8.90500	104.58629	8.90500	104.56153				0.00	0	1,850,000,000
Total IPL10 SPOT										0.00	0	1,850,000,000
Total For IPL10										0.00	0	1,850,000,000
IPL11 On 24/05/2022 Spot Bond				100.00000	0.00000	100.70998				0.00	0	0
Total IPL11 SPOT										0.00	0	0
Total For IPL11										0.00	0	0
IPL6 On 28/09/2017 Spot Bond			5.79500	99.90483	5.79500	99.88899				0.00	0	0
Total IPL6 SPOT										0.00	0	0
Total For IPL6										0.00	0	0
IPL6/R2 On 28/09/2017 Spot Bond			100.00000	98.38275	100.00000	98.11828				0.00	0	0
Total IPL6/R203 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 IPL6/R203										0.00	0	0
IPL7 On 05/04/2018 Spot Bond				100.00000	0.00000	101.91023				0.00	0	0
Total IPL7 SPOT										0.00	0	0
Total For IPL7										0.00	0	0
IPL7/JIF On 05/04/2018 Spot Bond			100.00000	67.24915	100.00000	67.08624				0.00	0	0
Total IPL7/JIBAR SPOT										0.00	0	0
Total For IPL7/JIBAR										0.00	0	0
IPL8 On 10/10/2020 Spot Bond				100.00000	0.00000	102.29982				0.00	0	0
Total IPL8 SPOT										0.00	0	0
Total For IPL8										0.00	0	0
IPL8/JIF On 10/10/2020 Spot Bond			100.00000	16.07724	100.00000	16.03830				0.00	0	0
Total IPL8/JIBAR SPOT										0.00	0	0
Total For IPL8/JIBAR										0.00	0	0
IPL9 On 20/05/2021 Spot Bond				100.00000	0.00000	100.69028				0.00	0	0
Total IPL9 SPOT										0.00	0	0
Total For IPL9										0.00	0	0
IV015 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IV015 SPOT										0.00	0	0
Total For IV015										0.00	0	0
IV017/F On 31/01/2022 Spot Bond			2.75000	100.39414	2.75000	100.38668				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			5.75000	137.10720	5.75000	137.07709				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				100.00000	0.00000	99.24423				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				100.00000	0.00000	98.74783				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			4.46000	111.63441	4.46000	112.58841				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			4.46000	111.54134	4.46000	112.58841				0.00	0	0
Total IV030A 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 IV030A										0.00	0	0
IV031 On 11/03/2020 Spot Bond				100.00000	0.00000	100.27818				0.00	0	0
Total IV031 SPOT										0.00	0	0
Total For IV031										0.00	0	0
IV032 On 14/08/2018 Spot Bond				100.00000	0.00000	102.29580				0.00	0	0
Total IV032 SPOT										0.00	0	0
Total For IV032										0.00	0	0
IV033 On 11/02/2021 Spot Bond				100.00000	0.00000	101.98456				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			10.95500	105.58578	10.95500	105.55519				0.00	0	0
Total IV034 SPOT										0.00	0	0
Total For IV034										0.00	0	0
IV035 On 07/04/2022 Spot Bond				100.00000	0.00000	104.83058				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				100.00000	0.00000	101.84468				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				100.00000	0.00000	99.85323				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			5.10000	95.94597	5.10000	134.02822				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				100.00000	0.00000	99.76385				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			11.30500	101.88012	11.30500	101.84967				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				100.00000	0.00000	101.06319				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			11.19500	108.42440	11.19500	108.39231				0.00	0	0
Total IV043 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 IV043									0.00	0	0
IV044 On 31/01/2022 Spot Bond				100.00000	0.00000	101.61190			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			5.10000	134.05526	5.10000	134.02822			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				100.00000	0.00000	99.99995			0.00	0	0
Total IV046 SPOT									0.00	0	0
Total For IV046									0.00	0	0
IV08 On 30/04/2018 Spot Bond			8.52000	108.40565	8.52000	108.38108			0.00	0	250,000,000
Total IV08 SPOT									0.00	0	250,000,000
Total For IV08									0.00	0	250,000,000
IV09 On 30/04/2018 Spot Bond				100.00000	0.00000	101.99243			0.00	0	0
Total IV09 SPOT									0.00	0	0
Total For IV09									0.00	0	0
IV100U On 19/12/2021 Spot Bond			100.00000	5.28814	100.00000	5.27811			0.00	0	0
Total IV100U SPOT									0.00	0	0
Total For IV100U									0.00	0	0
IV115U On 28/06/2022 Spot Bond			100.00000	3.67941	100.00000	3.67242			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	17.48014	100.00000	17.37347			0.00	0	0
Total IV118U SPOT									0.00	0	0
Total For IV118U									0.00	0	0
IV19A On 31/03/2028 Spot Bond			4.50000	153.16746	4.50000	153.13891			0.00	0	0
Total IV19A SPOT									0.00	0	0
Total For IV19A									0.00	0	0
IVA691 On 21/09/2017 Spot Bond			7.35000	99.97987	7.35000	99.93963			0.00	0	0
Total IVA691 SPOT									0.00	0	0
Total For IVA691									0.00	0	0
IVA694 On 12/10/2017 Spot Bond			7.35000	99.59888	7.35000	99.51904			0.00	0	1,500,000,000
Total IVA694 SPOT									0.00	0	1,500,000,000
Total For IVA694									0.00	0	1,500,000,000
IVA695 On 19/10/2017 Spot Bond			7.45000	99.45192	7.45000	99.37124			0.00	0	0
Total IVA695 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 IVA695										0.00	0	0
IVA696 On 26/10/2017 Spot Bond			7.45000	99.31081	7.45000	99.23035				0.00	0	0
Total IVA696 SPOT										0.00	0	0
Total For IVA696										0.00	0	0
IVA697 On 02/11/2017 Spot Bond			7.45000	99.17010	7.45000	99.08987				0.00	0	0
Total IVA697 SPOT										0.00	0	0
Total For IVA697										0.00	0	0
IVA698 On 09/11/2019 Spot Bond			7.45000	84.77510	7.45000	98.94978				0.00	0	0
Total IVA698 SPOT										0.00	0	0
Total For IVA698										0.00	0	0
IVA699 On 16/11/2017 Spot Bond			7.55000	98.87513	7.55000	98.79430				0.00	0	0
Total IVA699 SPOT										0.00	0	0
Total For IVA699										0.00	0	0
IVA701 On 30/11/2017 Spot Bond			7.55000	98.59282	7.55000	98.51246				0.00	0	0
Total IVA701 SPOT										0.00	0	0
Total For IVA701										0.00	0	0
IVA702 On 07/12/2017 Spot Bond			7.55000	98.45228	7.55000	98.37214				0.00	0	0
Total IVA702 SPOT										0.00	0	0
Total For IVA702										0.00	0	0
IVA703 On 12/12/2017 Spot Bond			7.55000	98.35213	7.55000	98.27216				0.00	0	0
Total IVA703 SPOT										0.00	0	0
Total For IVA703										0.00	0	0
IVA707 On 09/01/2018 Spot Bond			100.00000	77.00422	100.00000	100.00000				0.00	0	0
Total IVA707 SPOT										0.00	0	0
Total For IVA707										0.00	0	0
IVC005 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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				100.00000	0.00000	102.01499				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				100.00000	0.00000	99.75299				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				100.00000	0.00000	99.74712				0.00	0	0
Total IVC034 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 IVC034										0.00	0	0
IVC035 On 30/06/2019 Spot Bond				100.00000	0.00000	95.84433				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			8.59000	102.84772	8.59000	102.82422				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	31.60634	100.00000	31.53677				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	33.11993	100.00000	33.03969				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			8.82500	103.18025	8.82500	103.15603				0.00	0	0
Total IVC040 SPOT										0.00	0	0
Total For IVC040										0.00	0	0
IVC046 On 24/10/2017 Spot Bond				100.00000	0.00000	101.41839				0.00	0	0
Total IVC046 SPOT										0.00	0	0
Total For IVC046										0.00	0	0
IVC048 On 06/11/2017 Spot Bond				100.00000	0.00000	101.20297				0.00	0	0
Total IVC048 SPOT										0.00	0	0
Total For IVC048										0.00	0	0
IVC049 On 21/11/2019 Spot Bond				100.00000	0.00000	100.77489				0.00	0	0
Total IVC049 SPOT										0.00	0	0
Total For IVC049										0.00	0	0
IVC050 On 03/12/2017 Spot Bond				100.00000	0.00000	100.42215				0.00	0	0
Total IVC050 SPOT										0.00	0	0
Total For IVC050										0.00	0	0
IVC051 On 03/02/2018 Spot Bond				100.00000	0.00000	101.22231				0.00	0	0
Total IVC051 SPOT										0.00	0	0
Total For IVC051										0.00	0	0
IVC053 On 11/02/2018 Spot Bond				100.00000	0.00000	101.03179				0.00	0	0
Total IVC053 SPOT										0.00	0	0
Total For IVC053										0.00	0	0
IVC055 On 26/03/2020 Spot Bond				100.00000	0.00000	99.88288				0.00	0	0
Total IVC055 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 IVC055										0.00	0	0
IVC060 On 31/07/2018 Spot Bond				100.00000	0.00000	101.28833				0.00	0	0
Total IVC060 SPOT										0.00	0	0
Total For IVC060										0.00	0	0
IVC061 On 01/07/2018 Spot Bond				100.00000	0.00000	99.81555				0.00	0	0
Total IVC061 SPOT										0.00	0	0
Total For IVC061										0.00	0	0
IVC063 On 07/08/2020 Spot Bond				100.00000	0.00000	101.17668				0.00	0	0
Total IVC063 SPOT										0.00	0	0
Total For IVC063										0.00	0	0
IVC064 On 15/09/2018 Spot Bond				100.00000	0.00000	100.28840				0.00	0	0
Total IVC064 SPOT										0.00	0	0
Total For IVC064										0.00	0	0
IVC065 On 10/09/2018 Spot Bond				100.00000	0.00000	100.25272				0.00	0	0
Total IVC065 SPOT										0.00	0	0
Total For IVC065										0.00	0	0
IVC067 On 04/11/2017 Spot Bond				100.00000	0.00000	101.24354				0.00	0	0
Total IVC067 SPOT										0.00	0	0
Total For IVC067										0.00	0	0
IVC070 On 20/01/2019 Spot Bond				100.00000	0.00000	102.47822				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				100.00000	0.00000	101.59197				0.00	0	0
Total IVC075 SPOT										0.00	0	0
Total For IVC075										0.00	0	0
IVC077 On 04/05/2018 Spot Bond				100.00000	0.00000	101.30785				0.00	0	0
Total IVC077 SPOT										0.00	0	0
Total For IVC077										0.00	0	0
IVC081 On 14/07/2019 Spot Bond				100.00000	0.00000	101.81128				0.00	0	0
Total IVC081 SPOT										0.00	0	0
Total For IVC081										0.00	0	0
IVC087 On 10/10/2017 Spot Bond				100.00000	0.00000	101.75102				0.00	0	0
Total IVC087 SPOT										0.00	0	0
Total For IVC087										0.00	0	0
IVC088 On 12/04/2018 Spot Bond				100.00000	0.00000	101.69023				0.00	0	0
Total IVC088 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 IVC088										0.00	0	0
IVC089 On 31/10/2017 Spot Bond				100.00000	0.00000	101.24390				0.00	0	0
Total IVC089 SPOT										0.00	0	0
Total For IVC089										0.00	0	0
IVC090 On 31/10/2017 Spot Bond				100.00000	0.00000	101.25418				0.00	0	0
Total IVC090 SPOT										0.00	0	0
Total For IVC090										0.00	0	0
IVC092 On 24/11/2019 Spot Bond				100.00000	0.00000	100.72117				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				100.00000	0.00000	100.69095				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			9.67500	106.96835	9.67500	106.94074				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				100.00000	0.00000	99.80566				0.00	0	0
Total IVC097 SPOT										0.00	0	0
Total For IVC097										0.00	0	0
IVC098 On 14/06/2018 Spot Bond			7.99000	103.10790	7.99000	103.08584				0.00	0	0
Total IVC098 SPOT										0.00	0	0
Total For IVC098										0.00	0	0
IVC101 On 24/01/2018 Spot Bond				100.00000	0.00000	101.36060				0.00	0	0
Total IVC101 SPOT										0.00	0	0
Total For IVC101										0.00	0	0
IVC102 On 31/01/2020 Spot Bond				100.00000	0.00000	101.42914				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				100.00000	0.00000	99.80244				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				100.00000	0.00000	100.33066				0.00	0	0
Total IVC105 SPOT										0.00	0	0
Total For IVC105										0.00	0	0
IVC106 On 13/03/2020 Spot Bond				100.00000	0.00000	100.20218				0.00	0	0
Total IVC106 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 IVC106										0.00	0	0
IVC107 On 29/06/2021 Spot Bond				100.00000	0.00000	99.80459				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				100.00000	0.00000	101.38729				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				100.00000	0.00000	100.82576				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			9.32500	104.67391	9.32500	104.64798				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				100.00000	0.00000	100.74203				0.00	0	0
Total IVC111 SPOT										0.00	0	0
Total For IVC111										0.00	0	0
IVC112 On 24/05/2018 Spot Bond				100.00000	0.00000	100.66480				0.00	0	0
Total IVC112 SPOT										0.00	0	0
Total For IVC112										0.00	0	0
IVC113 On 26/08/2018 Spot Bond				100.00000	0.00000	100.59708				0.00	0	0
Total IVC113 SPOT										0.00	0	0
Total For IVC113										0.00	0	0
IVC114 On 14/09/2021 Spot Bond				100.00000	0.00000	100.18146				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				100.00000	0.00000	100.95160				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				100.00000	0.00000	100.76229				0.00	0	0
Total IVC119 SPOT										0.00	0	0
Total For IVC119										0.00	0	0
IVC120 On 01/07/2018 Spot Bond				100.00000	0.00000	99.73823				0.00	0	0
Total IVC120 SPOT										0.00	0	0
Total For IVC120										0.00	0	0
IVC68U On 07/12/2020 Spot Bond			100.00000	10.82006	100.00000	10.79953				0.00	0	0
Total IVC68U 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 IVC68U										0.00	0	0
IVC73U On 22/03/2018 Spot Bond			100.00000	81.79660	100.00000	67.07100				0.00	0	0
Total IVC73U SPOT										0.00	0	0
Total For IVC73U										0.00	0	0
IVC74U On 22/09/2017 Spot Bond			100.00000	100.00000	100.00000	99.72677				0.00	0	0
Total IVC74U SPOT										0.00	0	0
Total For IVC74U										0.00	0	0
IVC80U On 27/05/2021 Spot Bond			100.00000	7.81987	100.00000	7.80503				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	6.89869	100.00000	6.88560				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	6.75607	100.00000	6.74326				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	5.72720	100.00000	5.71633				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	5.46165	100.00000	5.45128				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	5.46165	100.00000	5.45128				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	5.33859	100.00000	5.32846				0.00	0	0
Total IVC99U SPOT										0.00	0	0
Total For IVC99U										0.00	0	0
IVF36U On 22/03/2018 Spot Bond			100.00000	66.84982	100.00000	100.00000				0.00	0	0
Total IVF36U SPOT										0.00	0	0
Total For IVF36U										0.00	0	0
JAS01 On 31/01/2019 Spot Bond				100.00000	0.00000	101.48547				0.00	0	0
Total JAS01 SPOT										0.00	0	0
Total For JAS01										0.00	0	0
JIBAR On 15/03/2060 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total JIBAR 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 JIBAR										0.00	0	0
KAP00: On 13/06/2019 Spot Bond				100.00000	0.00000	100.20306				0.00	0	0
Total KAP002 SPOT										0.00	0	0
Total For KAP002										0.00	0	0
KAP00: On 06/06/2019 Spot Bond				100.00000	0.00000	100.38035				0.00	0	0
Total KAP003 SPOT										0.00	0	0
Total For KAP003										0.00	0	0
KAP00: On 29/06/2018 Spot Bond				100.00000	0.00000	99.81862				0.00	0	0
Total KAP005 SPOT										0.00	0	0
Total For KAP005										0.00	0	0
KAP00: On 29/06/2021 Spot Bond				100.00000	0.00000	99.80673				0.00	0	0
Total KAP006 SPOT										0.00	0	0
Total For KAP006										0.00	0	0
KAP00: On 26/10/2021 Spot Bond			9.22500	107.50226	9.22500	107.47577				0.00	0	0
Total KAP007 SPOT										0.00	0	0
Total For KAP007										0.00	0	0
KAP00: On 28/11/2019 Spot Bond				100.00000	0.00000	101.10054				0.00	400,000,000	200,000,000
Total KAP008 SPOT										0.00	400,000,000	200,000,000
Total For KAP008										0.00	400,000,000	200,000,000
KAP00: On 24/05/2020 Spot Bond				100.00000	0.00000	100.70237				0.00	0	0
Total KAP009 SPOT										0.00	0	0
Total For KAP009										0.00	0	0
KAP01: On 15/09/2020 Spot Bond				100.00000	0.00000	100.14823				0.00	0	0
Total KAP010 SPOT										0.00	0	0
Total For KAP010										0.00	0	0
KAP04: On 01/07/2019 Spot Bond			100.00000	32.85316	100.00000	32.77357				0.00	0	0
Total KAP04U SPOT										0.00	0	0
Total For KAP04U										0.00	0	0
KSB00: On 01/11/2017 Spot Bond				100.00000	0.00000	101.46433				0.00	0	0
Total KSB008 SPOT										0.00	0	0
Total For KSB008										0.00	0	0
KSB00: On 05/08/2020 Spot Bond				100.00000	0.00000	101.35971				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				100.00000	0.00000	101.87969				0.00	0	0
Total KST01 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 KST01									0.00	0	0
KW01 On 31/10/2027 Spot Bond			8.78500	136.45488	8.78500	136.42301			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				100.00000	0.00000	100.08003			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				100.00000	0.00000	101.29539			0.00	0	0
Total LBK08 SPOT									0.00	0	0
Total For LBK08									0.00	0	0
LBK08/ On 30/10/2019 Spot Bond			100.00000	24.37986	100.00000	24.32080			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			9.25000	103.74957	9.25000	103.72408			0.00	0	150,000,000
Total LBK11 SPOT									0.00	0	150,000,000
Total For LBK11									0.00	0	150,000,000
LBK11/ On 28/11/2019 Spot Bond			9.62000	103.03232	9.62000	103.00602			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	100.72404	9.71000	100.69809			0.00	0	0
Total LBK12U SPOT									0.00	0	0
Total For LBK12U									0.00	0	0
LBK14L On 31/03/2018 Spot Bond			100.00000	65.99482	100.00000	65.83495			0.00	0	0
Total LBK14U SPOT									0.00	0	0
Total For LBK14U									0.00	0	0
LBK15 On 12/10/2021 Spot Bond				100.00000	0.00000	102.03824			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				100.00000	0.00000	100.55568			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				100.00000	0.00000	99.97683			0.00	0	0
Total LBK17 SPOT									0.00	0	0
Total For LBK17									0.00	0	0
LBK18 On 22/03/2022 Spot Bond				100.00000	0.00000	102.28481			0.00	0	0
Total LBK18 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 LBK18										0.00	0	0
LBK19 On 23/03/2018 Spot Bond				100.00000	0.00000	99.89117				0.00	0	0
Total LBK19 SPOT										0.00	0	0
Total For LBK19										0.00	0	0
LBK20 On 08/06/2022 Spot Bond			9.49500	105.55369	9.49500	105.52694				0.00	0	12,500,000,000
Total LBK20 SPOT										0.00	0	12,500,000,000
Total For LBK20										0.00	0	12,500,000,000
LBK21 On 04/09/2018 Spot Bond				100.00000	0.00000	100.39206				0.00	0	0
Total LBK21 SPOT										0.00	0	0
Total For LBK21										0.00	0	0
LBK22 On 04/09/2020 Spot Bond				100.00000	0.00000	100.41031				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				100.00000	0.00000	100.44144				0.00	0	0
Total LBK23 SPOT										0.00	0	0
Total For LBK23										0.00	0	0
LGL03 On 03/04/2018 Spot Bond			6.74500	104.04525	6.74500	104.02640				0.00	0	0
Total LGL03 SPOT										0.00	0	0
Total For LGL03										0.00	0	0
LGL04 On 14/08/2020 Spot Bond			8.95000	101.49230	8.95000	101.46816				0.00	0	580,000,000
Total LGL04 SPOT										0.00	0	580,000,000
Total For LGL04										0.00	0	580,000,000
LGL05 On 12/12/2021 Spot Bond				100.00000	0.00000	101.63768				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			9.54500	107.32842	9.54500	107.30108				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				100.00000	0.00000	103.02962				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				100.00000	0.00000	101.25763				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				100.00000	0.00000	100.63493				0.00	0	0
Total LGL09 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 LGL09										0.00	0	0
LHC011 On 12/07/2023 Spot Bond			100.00000	11.60980	100.00000	11.55875				0.00	0	0
Total LHC01U SPOT										0.00	0	0
Total For LHC01U										0.00	0	0
LHC021 On 12/07/2023 Spot Bond			100.00000	12.25034	100.00000	12.19647				0.00	0	0
Total LHC02U SPOT										0.00	0	0
Total For LHC02U										0.00	0	0
LHL17 On 14/11/2018 Spot Bond				100.00000	0.00000	101.31633				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			12.32000	105.73823	12.32000	105.70389				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			13.25000	106.94894	13.25000	106.91166				0.00	0	0
Total LHL19 SPOT										0.00	0	0
Total For LHL19										0.00	0	0
LHL26 On 13/11/2020 Spot Bond				100.00000	0.00000	101.36777				0.00	0	0
Total LHL26 SPOT										0.00	0	0
Total For LHL26										0.00	0	0
LOM01 On 25/11/2019 Spot Bond				100.00000	0.00000	104.77730				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				100.00000	0.00000	100.74563				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				100.00000	0.00000	101.39904				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				100.00000	0.00000	100.84034				0.00	0	0
Total LRFC2 SPOT										0.00	0	0
Total For LRFC2										0.00	0	0
MAQ09 On 10/11/2017 Spot Bond				100.00000	0.00000	100.93799				0.00	0	0
Total MAQ090 SPOT										0.00	0	0
Total For MAQ090										0.00	0	0
MAQ09 On 11/12/2017 Spot Bond				100.00000	0.00000	100.22442				0.00	0	0
Total MAQ093 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 MAQ093									0.00	0	0
MAQ09 On 01/02/2018 Spot Bond				100.00000	0.00000	101.13939			0.00	0	0
Total MAQ096 SPOT									0.00	0	0
Total For MAQ096									0.00	0	0
MAQ0A On 28/02/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total MAQ0A1 SPOT									0.00	0	0
Total For MAQ0A1									0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	104.27061			0.00	0	0
Total MAQ0A3 SPOT									0.00	0	0
Total For MAQ0A3									0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	104.44929			0.00	0	0
Total MAQ0A4 SPOT									0.00	0	0
Total For MAQ0A4									0.00	0	0
MAQ0A On 28/02/2018 Spot Bond				100.00000	0.00000	100.42218			0.00	0	0
Total MAQ0A5 SPOT									0.00	0	0
Total For MAQ0A5									0.00	0	0
MAQ0J On 28/02/2020 Spot Bond				100.00000	0.00000	100.42488			0.00	0	0
Total MAQ0J1 SPOT									0.00	0	0
Total For MAQ0J1									0.00	0	0
MAQ0J On 28/12/2020 Spot Bond				100.00000	0.00000	100.40517			0.00	0	0
Total MAQ0J2 SPOT									0.00	0	0
Total For MAQ0J2									0.00	0	0
MAQ10 On 10/11/2017 Spot Bond				100.00000	0.00000	98.99580			0.00	0	0
Total MAQ105 SPOT									0.00	0	0
Total For MAQ105									0.00	0	0
MAQ10 On 11/12/2017 Spot Bond				100.00000	0.00000	98.37727			0.00	0	0
Total MAQ106 SPOT									0.00	0	0
Total For MAQ106									0.00	0	0
MAQ10 On 16/10/2017 Spot Bond				100.00000	0.00000	99.50308			0.00	0	0
Total MAQ107 SPOT									0.00	0	0
Total For MAQ107									0.00	0	0
MBF03 On 01/10/2017 Spot Bond				100.00000	0.00000	101.94910			0.00	0	0
Total MBF030 SPOT									0.00	0	0
Total For MBF030									0.00	0	0
MBF04 On 13/04/2018 Spot Bond				100.00000	0.00000	102.10354			0.00	0	0
Total MBF045 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 MBF045										0.00	0	0
MBF04 On 17/08/2018 Spot Bond				100.00000	0.00000	101.11493				0.00	0	0
Total MBF046 SPOT										0.00	0	0
Total For MBF046										0.00	0	0
MBF04 On 07/06/2019 Spot Bond				100.00000	0.00000	100.75802				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				100.00000	0.00000	100.72022				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				100.00000	0.00000	101.11002				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	42.20528	100.00000	42.10303				0.00	0	0
Total MBF051/JIBAR SPOT										0.00	0	0
Total For MBF051/JIBAR										0.00	0	0
MBF05 On 28/09/2017 Spot Bond				100.00000	0.00000	99.85638				0.00	0	0
Total MBF052 SPOT										0.00	0	0
Total For MBF052										0.00	0	0
MBF05 On 28/09/2019 Spot Bond				100.00000	0.00000	100.31064				0.00	0	0
Total MBF053 SPOT										0.00	0	0
Total For MBF053										0.00	0	0
MBF05 On 27/03/2018 Spot Bond				100.00000	0.00000	99.87804				0.00	0	0
Total MBF054 SPOT										0.00	0	0
Total For MBF054										0.00	0	0
MBF05 On 27/03/2020 Spot Bond				100.00000	0.00000	100.07520				0.00	0	0
Total MBF055 SPOT										0.00	0	0
Total For MBF055										0.00	0	0
MBF05 On 28/08/2018 Spot Bond				100.00000	0.00000	100.52779				0.00	0	0
Total MBF056 SPOT										0.00	0	0
Total For MBF056										0.00	0	0
MBF05 On 28/08/2020 Spot Bond				100.00000	0.00000	100.55300				0.00	0	0
Total MBF057 SPOT										0.00	0	0
Total For MBF057										0.00	0	0
MBLSA On 30/10/2017 Spot Bond			2.30000	99.76112	2.30000	99.22208				0.00	0	0
Total MBLSA2 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 MBLSA2										0.00	0	0
MBLSA On 11/12/2017 Spot Bond				100.00000	0.00000	98.47907				0.00	0	0
Total MBLSA3 SPOT										0.00	0	0
Total For MBLSA3										0.00	0	0
MBP03 On 12/09/2019 Spot Bond				100.00000	0.00000	100.21409				0.00	0	0
Total MBP035 SPOT										0.00	0	0
Total For MBP035										0.00	0	0
MBP03 On 11/04/2020 Spot Bond				100.00000	0.00000	101.71248				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				100.00000	0.00000	100.55502				0.00	0	0
Total MBP037 SPOT										0.00	0	0
Total For MBP037										0.00	0	0
MBP29 On 23/09/2017 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total MBP29U SPOT										0.00	0	0
Total For MBP29U										0.00	0	0
MBP30 On 24/10/2017 Spot Bond			100.00000	93.58871	100.00000	93.35356				0.00	0	0
Total MBP30U SPOT										0.00	0	0
Total For MBP30U										0.00	0	0
MBP31 On 24/10/2017 Spot Bond			100.00000	93.60940	100.00000	93.37420				0.00	0	0
Total MBP31U SPOT										0.00	0	0
Total For MBP31U										0.00	0	0
MBP32 On 10/11/2017 Spot Bond			100.00000	89.76554	100.00000	89.54923				0.00	0	0
Total MBP32U SPOT										0.00	0	0
Total For MBP32U										0.00	0	0
MBP34 On 29/04/2018 Spot Bond				100.00000	0.00000	101.19661				0.00	0	0
Total MBP34 SPOT										0.00	0	0
Total For MBP34										0.00	0	0
MBSA0 On 16/04/2019 Spot Bond			8.22000	105.08940	8.22000	105.06628				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	105.41001	8.00000	105.38743				0.00	0	0
Total MBSA01/R204 SPOT										0.00	0	0
Total For MBSA01/R204										0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.27000	104.79631	8.27000	104.77311				0.00	0	0
Total MBSA02 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 MBSA02										0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	103.87503	8.91000	103.85029				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				100.00000	0.00000	101.97173				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				100.00000	0.00000	102.04265				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			8.24000	103.29801	8.24000	103.27536				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.08000	105.36341	9.08000	105.33799				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.08000	105.36341	9.08000	105.33799				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	100.02133				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	100.02133				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MFS1B On 20/09/2019 Spot Bond			9.05000	101.97228	9.05000	102.19811				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF10 On 15/12/2024 Spot Bond				100.00000	0.00000	100.14905				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF10 On 15/12/2024 Spot Bond				100.00000	0.00000	100.14905				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF20 On 15/12/2024 Spot Bond				100.00000	0.00000	100.16099				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF20 On 15/12/2024 Spot Bond				100.00000	0.00000	100.16099				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF30 On 15/12/2024 Spot Bond				100.00000	0.00000	100.20459				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF30 On 15/12/2024 Spot Bond				100.00000	0.00000	100.20459				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMF40 On 15/12/2024 Spot Bond				100.00000	0.00000	100.20459				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MMIG0 On 17/03/2019 Spot Bond				100.00000	0.00000	99.51430				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										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 MMIG01										0.00	0	0
MMIG0 On 17/03/2021 Spot Bond			9.25500	102.50346	9.25500	102.47784				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				100.00000	0.00000	100.64107				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			11.18500	101.82494	11.18500	101.79483				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			9.94500	104.66308	9.94500	104.63548				0.00	0	1,050,000,000
Total MMIG05 SPOT										0.00	0	1,050,000,000
Total For MMIG05										0.00	0	1,050,000,000
MTN06 On 13/07/2020 Spot Bond				100.00000	0.00000	102.27920				0.00	0	1,000,000,000
Total MTN06 SPOT										0.00	0	1,000,000,000
Total For MTN06										0.00	0	1,000,000,000
MTN07 On 13/07/2022 Spot Bond				100.00000	0.00000	101.82027				0.00	0	0
Total MTN07 SPOT										0.00	0	0
Total For MTN07										0.00	0	0
MTN08 On 20/04/2019 Spot Bond			100.00000	32.93122	100.00000	32.85144				0.00	0	0
Total MTN08U SPOT										0.00	0	0
Total For MTN08U										0.00	0	0
MTN09 On 20/04/2019 Spot Bond			100.00000	39.25079	100.00000	39.16392				0.00	0	0
Total MTN09U SPOT										0.00	0	0
Total For MTN09U										0.00	0	0
MTNC1 On 15/11/2017 Spot Bond				100.00000	0.00000	102.94827				0.00	0	0
Total MTNC18 SPOT										0.00	0	0
Total For MTNC18										0.00	0	0
MTNC1 On 15/05/2018 Spot Bond				100.00000	0.00000	100.97305				0.00	0	0
Total MTNC19 SPOT										0.00	0	0
Total For MTNC19										0.00	0	0
MWA1L On 18/07/2021 Spot Bond			100.00000	14.88624	100.00000	14.85018				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	15.48072	100.00000	15.35570				0.00	0	0
Total MWA2U 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 MWA2U										0.00	0	0
MWAR On 22/11/2019 Spot Bond				100.00000	0.00000	100.74335				0.00	0	0
Total MWAR01 SPOT										0.00	0	0
Total For MWAR01										0.00	0	0
N4A211 On 14/08/2020 Spot Bond			100.89771	14.85097	100.89771	14.81471				0.00	0	0
Total N4A211 SPOT										0.00	0	0
Total For N4A211										0.00	0	0
N5C23 On 20/12/2018 Spot Bond				100.00000	0.00000	100.13937				0.00	0	0
Total N5C23 SPOT										0.00	0	0
Total For N5C23										0.00	0	0
N5D23 On 20/09/2019 Spot Bond				100.00000	0.00000	100.02492				0.00	0	0
Total N5D23 SPOT										0.00	0	0
Total For N5D23										0.00	0	0
N5E23 On 20/06/2023 Spot Bond				100.00000	0.00000	109.07379				0.00	0	0
Total N5E23 SPOT										0.00	0	0
Total For N5E23										0.00	0	0
N5F23L On 20/06/2023 Spot Bond			100.00000	11.10451	100.00000	11.07732				0.00	0	0
Total N5F23U SPOT										0.00	0	0
Total For N5F23U										0.00	0	0
N5G23I On 20/06/2023 Spot Bond			100.00000	11.85374	100.00000	11.82472				0.00	0	0
Total N5G23U SPOT										0.00	0	0
Total For N5G23U										0.00	0	0
NAM01 On 19/11/2022 Spot Bond			9.29500	98.64204	9.29500	98.61769				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			8.75500	104.22856	8.75500	104.20416				0.00	0	500,000,000
Total NAM02 SPOT										0.00	0	500,000,000
Total For NAM02										0.00	0	500,000,000
NAM03 On 01/08/2023 Spot Bond			9.29500	104.79540	9.29500	104.76952				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			10.18500	103.32621	10.18500	103.29831				0.00	0	0
Total NAM04 SPOT										0.00	0	0
Total For NAM04										0.00	0	0
NBK11/ On 28/11/2020 Spot Bond			8.21500	104.75464	8.21500	104.73173				0.00	0	0
Total NBK11A 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 NBK11A									0.00	0	0
NBK12, On 19/03/2021 Spot Bond			8.98000	101.25266	8.98000	101.22809			0.00	0	0
Total NBK12A SPOT									0.00	0	0
Total For NBK12A									0.00	0	0
NBK12, On 19/03/2021 Spot Bond			9.38000	100.07600	9.38000	100.05066			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			9.09500	103.14139	9.09500	103.11606			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			8.45500	104.86323	8.45500	104.85176			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			9.00500	100.22115	9.00500	100.19716			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			9.63500	100.01850	9.63500	99.99294		33,144,400,000,000.00	3,440,000,000	860,000,000	
Total NBK16A SPOT								33,144,400,000,000.00	3,440,000,000	860,000,000	
Total For NBK16A								33,144,400,000,000.00	3,440,000,000	860,000,000	
NBK17, On 22/04/2026 Spot Bond			9.62000	106.04207	9.62000	106.01485		0.00	0	1,120,000,000	
Total NBK17A SPOT								0.00	0	1,120,000,000	
Total For NBK17A								0.00	0	1,120,000,000	
NBK18, On 01/06/2020 Spot Bond			8.68000	104.20158	8.68000	104.17739		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			9.15500	104.76742	9.15500	104.74180		0.00	0	0	
Total NBK19A SPOT								0.00	0	0	
Total For NBK19A								0.00	0	0	
NBK20, On 01/06/2026 Spot Bond			9.53500	107.97163	9.53500	107.94415		0.00	0	0	
Total NBK20A SPOT								0.00	0	0	
Total For NBK20A								0.00	0	0	
NBK20I, On 25/06/2021 Spot Bond				100.00000	0.00000	98.14006		0.00	0	0	
Total NBK20B SPOT								0.00	0	0	
Total For NBK20B								0.00	0	0	
NBK21, On 21/07/2027 Spot Bond			10.83500	100.56700	10.83500	100.53816		0.00	0	0	
Total NBK21A 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 NBK21A										0.00	0	0
NBK21I On 10/11/2017 Spot Bond				100.00000	0.00000	101.05780				0.00	0	1,000,000,000
Total NBK21B SPOT										0.00	0	1,000,000,000
Total For NBK21B										0.00	0	1,000,000,000
NBK22I On 19/11/2022 Spot Bond			9.43500	105.96963	9.43500	105.94308				0.00	0	0
Total NBK22A SPOT										0.00	0	0
Total For NBK22A										0.00	0	0
NBK22I On 12/02/2018 Spot Bond				100.00000	0.00000	100.97750				0.00	0	0
Total NBK22B SPOT										0.00	0	0
Total For NBK22B										0.00	0	0
NBK23I On 19/11/2025 Spot Bond			9.68500	109.18294	9.68500	109.15489				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				100.00000	0.00000	101.00965				0.00	0	0
Total NBK23B SPOT										0.00	0	0
Total For NBK23B										0.00	0	0
NBK24I On 19/11/2027 Spot Bond			9.78500	111.01488	9.78500	110.98606				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				100.00000	0.00000	100.98193				0.00	0	0
Total NBK24B SPOT										0.00	0	0
Total For NBK24B										0.00	0	0
NBK25I On 17/02/2023 Spot Bond			9.33500	106.54711	9.33500	106.52070				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				100.00000	0.00000	100.90460				0.00	0	0
Total NBK25B SPOT										0.00	0	0
Total For NBK25B										0.00	0	0
NBK26I On 10/05/2023 Spot Bond			100.00000	15.30726	100.00000	15.27357				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				100.00000	0.00000	102.20879				0.00	0	0
Total NBK26B SPOT										0.00	0	0
Total For NBK26B										0.00	0	0
NBK27I On 10/05/2026 Spot Bond			9.73500	112.20179	9.73500	112.17281				0.00	0	0
Total NBK27A 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 NBK27A										0.00	0	0
NBK27I On 01/06/2018 Spot Bond				100.00000	0.00000	100.80328				0.00	0	0
Total NBK27B SPOT										0.00	0	0
Total For NBK27B										0.00	0	0
NBK28I On 02/08/2023 Spot Bond			9.34500	104.31427	9.34500	104.28838				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				100.00000	0.00000	100.74613				0.00	0	0
Total NBK28B SPOT										0.00	0	0
Total For NBK28B										0.00	0	0
NBK29I On 31/07/2026 Spot Bond			9.68500	106.26026	9.68500	106.23295				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				100.00000	0.00000	101.20383				0.00	0	0
Total NBK29B SPOT										0.00	0	0
Total For NBK29B										0.00	0	0
NBK30I On 20/02/2024 Spot Bond			9.13500	103.06427	9.13500	103.03925				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				100.00000	0.00000	100.83885				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				100.00000	0.00000	100.86038				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				100.00000	0.00000	100.57115				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				100.00000	0.00000	101.18445				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				100.00000	0.00000	101.03461				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				100.00000	0.00000	101.05732				0.00	0	0
Total NBK35B 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 NBK35B										0.00	0	0
NBK36I On 10/05/2026 Spot Bond				100.00000	0.00000	101.08553				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				100.00000	0.00000	101.52008				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				100.00000	0.00000	101.22403				0.00	0	0
Total NBK38B SPOT										0.00	0	0
Total For NBK38B										0.00	0	0
NBK3A On 09/09/2019 Spot Bond			7.83000	106.76826	7.83000	106.74562				0.00	0	0
Total NBK3A SPOT										0.00	0	0
Total For NBK3A										0.00	0	0
NBK3A On 09/09/2019 Spot Bond			100.00000	29.74700	100.00000	29.68045				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			10.96000	47.79474	10.96000	47.78112				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				100.00000	0.00000	101.33748				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				100.00000	0.00000	100.81150				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				100.00000	0.00000	100.74549				0.00	100,000,000	100,000,000
Total NBK42B SPOT										0.00	100,000,000	100,000,000
Total For NBK42B										0.00	100,000,000	100,000,000
NBK43I On 20/02/2024 Spot Bond				100.00000	0.00000	100.76688				0.00	0	0
Total NBK43B SPOT										0.00	0	0
Total For NBK43B										0.00	0	0
NBK7B On 19/04/2020 Spot Bond				100.00000	0.00000	101.69786				0.00	0	0
Total NBK7B SPOT										0.00	0	0
Total For NBK7B										0.00	0	0
NCLN7 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total NCLN75 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 NCLN75										0.00	0	0
NCLN7 On 09/10/2017 Spot Bond				100.00000	0.00000	101.86825				0.00	0	0
Total NCLN77 SPOT										0.00	0	0
Total For NCLN77										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond				100.00000	0.00000	100.02328				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	8.98927	100.00000	8.96726				0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			100.00000	8.98927	100.00000	8.96726				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			10.13000	102.53555	10.13000	102.50757				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				100.00000	0.00000	100.02314				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			10.16500	101.57453	10.16500	101.54671				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				100.00000	0.00000	100.02328				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				100.00000	0.00000	100.02338				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				100.00000	0.00000	100.02364				0.00	0	0
Total NCLN91 SPOT										0.00	0	0
Total For NCLN91										0.00	0	0
NCLN9 On 02/03/2018 Spot Bond				100.00000	0.00000	100.41097				0.00	0	0
Total NCLN92 SPOT										0.00	0	0
Total For NCLN92										0.00	0	0
NCLN9 On 09/04/2018 Spot Bond				100.00000	0.00000	101.81370				0.00	0	0
Total NCLN93 SPOT										0.00	0	0
Total For NCLN93										0.00	0	0
NCLN9 On 20/09/2020 Spot Bond				100.00000	0.00000	99.94454				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 NCLN94 SPOT										0.00	0	0
Total For NCLN94										0.00	0	0
NCLN9 On 08/10/2018 Spot Bond				100.00000	0.00000	101.81375				0.00	0	0
Total NCLN95 SPOT										0.00	0	0
Total For NCLN95										0.00	0	0
NED01 On 22/12/2021 Spot Bond			100.00000	13.35404	100.00000	13.81949				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	13.25812	100.00000	13.23159				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	13.21072	100.00000	13.17872				0.00	0	0
Total NED03U SPOT										0.00	0	0
Total For NED03U										0.00	0	0
NED04 On 01/07/2022 Spot Bond			100.00000	17.40240	100.00000	17.36024				0.00	0	0
Total NED04U SPOT										0.00	0	0
Total For NED04U										0.00	0	0
NED13 On 25/07/2018 Spot Bond			100.00000		0.00000	102.17974				0.00	0	0
Total NED13 SPOT										0.00	0	0
Total For NED13										0.00	0	0
NED14 On 29/11/2018 Spot Bond			100.00000		0.00000	101.31184				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			8.72000	107.28322	8.72000	107.25820				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			100.00000		0.00000	102.79015				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			100.00000		0.00000	101.93809				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			100.00000		0.00000	101.85531				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			100.00000		0.00000	103.59934				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 NED19 SPOT										0.00	0	0
Total For NED19										0.00	0	0
NED20 On 01/07/2020 Spot Bond			10.30000	104.84886	10.30000	104.82024				0.00	0	2,990,000,000
Total NED20 SPOT										0.00	0	2,990,000,000
Total For NED20										0.00	0	2,990,000,000
NEDT1.On 21/05/2021 Spot Bond				100.00000	0.00000	103.36098				0.00	0	0
Total NEDT1A SPOT										0.00	0	0
Total For NEDT1A										0.00	0	0
NEDT1 On 26/11/2021 Spot Bond				100.00000	0.00000	100.88055				0.00	0	0
Total NEDT1B SPOT										0.00	0	0
Total For NEDT1B										0.00	0	0
NGL01 On 22/09/2021 Spot Bond				100.00000	0.00000	102.09080				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				100.00000	0.00000	100.99482				0.00	0	50,000,000
Total NGL02 SPOT										0.00	0	50,000,000
Total For NGL02										0.00	0	50,000,000
NGL03 On 26/05/2022 Spot Bond				100.00000	0.00000	100.71987				0.00	0	0
Total NGL03 SPOT										0.00	0	0
Total For NGL03										0.00	0	0
NGLT1/On 01/07/2022 Spot Bond				100.00000	0.00000	102.96353				0.00	3,000,000,000	1,500,000,000
Total NGLT1A SPOT										0.00	3,000,000,000	1,500,000,000
Total For NGLT1A										0.00	3,000,000,000	1,500,000,000
NHM00 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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	104.83470	13.50000	104.79749				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				100.00000	0.00000	100.29448				0.00	0	0
Total NHM003 SPOT										0.00	0	0
Total For NHM003										0.00	0	0
NILB11 On 31/01/2025 Spot Bond			3.32000	106.61779	3.32000	121.50813				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	171.31399	3.45000	171.28689				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 NILB12 SPOT										0.00	0	0
Total For NILB12										0.00	0	0
NILB13 On 31/01/2025 Spot Bond			3.71000	118.38967	3.71000	118.37018				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			3.75000	166.20400	3.75000	166.17635				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			4.06000	161.69241	4.06000	161.66415				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			3.97000	79.07513	3.97000	101.27490				0.00	0	0
Total NILB17 SPOT										0.00	0	0
Total For NILB17										0.00	0	0
NMP20 On 24/07/2020 Spot Bond			8.10000	104.61666	8.10000	104.59409				0.00	0	0
Total NMP20N SPOT										0.00	0	0
Total For NMP20N										0.00	0	0
NQ1A1 On 22/05/2020 Spot Bond			8.73000	104.88896	8.73000	104.86435				0.00	0	0
Total NQ1A10 SPOT										0.00	0	0
Total For NQ1A10										0.00	0	0
NQ1A1 On 22/05/2018 Spot Bond				100.00000	0.00000	100.67064				0.00	0	0
Total NQ1A17 SPOT										0.00	0	0
Total For NQ1A17										0.00	0	0
NQ1A1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.63643				0.00	0	0
Total NQ1A19 SPOT										0.00	0	0
Total For NQ1A19										0.00	0	0
NQ1A2 On 22/05/2019 Spot Bond				100.00000	0.00000	100.70108				0.00	0	0
Total NQ1A21 SPOT										0.00	0	0
Total For NQ1A21										0.00	0	0
NQ1A2 On 22/05/2018 Spot Bond				100.00000	0.00000	100.67944				0.00	0	0
Total NQ1A23 SPOT										0.00	0	0
Total For NQ1A23										0.00	0	0
NQ1A2 On 22/05/2020 Spot Bond				100.00000	0.00000	100.72392				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				100.00000	0.00000	100.74326				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 NQ1A25 SPOT										0.00	0	0
Total For NQ1A25										0.00	0	0
NQ1A2 On 22/05/2018 Spot Bond				100.00000	0.00000	100.67944				0.00	0	0
Total NQ1A26 SPOT										0.00	0	0
Total For NQ1A26										0.00	0	0
NQ1B1 On 22/05/2020 Spot Bond			8.93000	104.89451	8.93000	104.86933				0.00	0	0
Total NQ1B10 SPOT										0.00	0	0
Total For NQ1B10										0.00	0	0
NQ1B1 On 22/05/2018 Spot Bond				100.00000	0.00000	100.72777				0.00	0	0
Total NQ1B15 SPOT										0.00	0	0
Total For NQ1B15										0.00	0	0
NQ1B1 On 22/05/2052 Spot Bond				100.00000	0.00000	100.74173				0.00	0	0
Total NQ1B17 SPOT										0.00	0	0
Total For NQ1B17										0.00	0	0
NQ1B1 On 22/05/2018 Spot Bond				100.00000	0.00000	100.69565				0.00	0	0
Total NQ1B19 SPOT										0.00	0	0
Total For NQ1B19										0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond			9.13000	104.90008	9.13000	104.87436				0.00	0	0
Total NQ1C10 SPOT										0.00	0	0
Total For NQ1C10										0.00	0	0
NQ1C1 On 22/05/2018 Spot Bond				100.00000	0.00000	100.70376				0.00	0	0
Total NQ1C15 SPOT										0.00	0	0
Total For NQ1C15										0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond				100.00000	0.00000	100.77651				0.00	0	0
Total NQ1C17 SPOT										0.00	0	0
Total For NQ1C17										0.00	0	0
NQ1C1 On 22/05/2018 Spot Bond				100.00000	0.00000	100.73991				0.00	0	0
Total NQ1C19 SPOT										0.00	0	0
Total For NQ1C19										0.00	0	0
NQF1D On 22/05/2020 Spot Bond				100.00000	0.00000	100.85731				0.00	0	0
Total NQF1D5 SPOT										0.00	0	0
Total For NQF1D5										0.00	0	0
NQF1D On 22/05/2018 Spot Bond				100.00000	0.00000	100.71997				0.00	0	0
Total NQF1D7 SPOT										0.00	0	0
Total For NQF1D7										0.00	0	0
NQF1D On 22/05/2019 Spot Bond				100.00000	0.00000	100.80305				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 NQF1D8 SPOT										0.00	0	0
Total For NQF1D8										0.00	0	0
NRA01: On 30/11/2018 Spot Bond			8.00000	108.51628	8.00000	108.49302				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			8.95500	118.07433	8.95500	118.04623				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			3.57000	177.09167	3.57000	177.06307				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			10.88500	112.48684	10.88500	112.45427				0.00	0	5,540,000,000
Total NRA028 SPOT										0.00	0	5,540,000,000
Total For NRA028										0.00	0	5,540,000,000
NRA02: On 30/11/2028 Spot Bond			100.00000	15.78009	100.00000	15.74517				0.00	0	0
Total NRA028/R186 SPOT										0.00	0	0
Total For NRA028/R186										0.00	0	0
NTC16 On 22/03/2018 Spot Bond				100.00000	0.00000	100.33135				0.00	0	1,300,000,000
Total NTC16 SPOT										0.00	0	1,300,000,000
Total For NTC16										0.00	0	1,300,000,000
NTC18 On 27/02/2019 Spot Bond				100.00000	0.00000	100.97768				0.00	360,000,000	180,000,000
Total NTC18 SPOT										0.00	360,000,000	180,000,000
Total For NTC18										0.00	360,000,000	180,000,000
NTC19 On 27/07/2020 Spot Bond				100.00000	0.00000	101.38730				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				100.00000	0.00000	101.60121				0.00	0	0
Total NTC20 SPOT										0.00	0	0
Total For NTC20										0.00	0	0
NTC21 On 24/03/2022 Spot Bond				100.00000	0.00000	99.88571				0.00	0	0
Total NTC21 SPOT										0.00	0	0
Total For NTC21										0.00	0	0
OML02 On 27/11/2019 Spot Bond				100.00000	0.00000	101.14209				0.00	0	0
Total OML02 SPOT										0.00	0	0
Total For OML02										0.00	0	0
OML03 On 27/11/2019 Spot Bond			9.25000	102.95319	9.25000	102.92789				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 OML03 SPOT										0.00	0	0
Total For OML03										0.00	0	0
OML04 On 19/03/2020 Spot Bond				100.00000	0.00000	100.15893				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			9.48500	100.67685	9.48500	100.65108				0.00	0	1,500,000,000
Total OML05 SPOT										0.00	0	1,500,000,000
Total For OML05										0.00	0	1,500,000,000
OML06 On 19/03/2022 Spot Bond			10.27500	100.24215	10.27500	100.21441				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			11.28500	98.44890	11.28500	98.41905				0.00	0	960,000,000
Total OML07 SPOT										0.00	0	960,000,000
Total For OML07										0.00	0	960,000,000
OML08 On 14/09/2020 Spot Bond				100.00000	0.00000	100.57140				0.00	0	4,000,000,000
Total OML08 SPOT										0.00	0	4,000,000,000
Total For OML08										0.00	0	4,000,000,000
OML09 On 14/09/2022 Spot Bond			10.26500	102.66281	10.26500	102.63443				0.00	0	1,000,000,000
Total OML09 SPOT										0.00	0	1,000,000,000
Total For OML09										0.00	0	1,000,000,000
OML10 On 14/09/2025 Spot Bond			11.28500	100.58038	11.28500	100.54988				0.00	0	870,000,000
Total OML10 SPOT										0.00	0	870,000,000
Total For OML10										0.00	0	870,000,000
PMM12 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total PMM12/JIBAR SPOT										0.00	0	0
Total For PMM12/JIBAR										0.00	0	0
PMM34 On 07/03/2018 Spot Bond				100.00000	0.00000	100.23832				0.00	0	0
Total PMM34 SPOT										0.00	0	0
Total For PMM34										0.00	0	0
PMM35 On 06/11/2017 Spot Bond				100.00000	0.00000	100.98871				0.00	0	0
Total PMM35 SPOT										0.00	0	0
Total For PMM35										0.00	0	0
PMM36 On 04/05/2018 Spot Bond				100.00000	0.00000	101.11725				0.00	0	0
Total PMM36 SPOT										0.00	0	0
Total For PMM36										0.00	0	0
PMM37 On 27/11/2017 Spot Bond				100.00000	0.00000	100.52464				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 PMM37 SPOT										0.00	0	0
Total For PMM37										0.00	0	0
PMM38 On 12/06/2020 Spot Bond				100.00000	0.00000	100.22375				0.00	0	0
Total PMM38 SPOT										0.00	0	0
Total For PMM38										0.00	0	0
PMM39 On 04/09/2018 Spot Bond				100.00000	0.00000	100.39893				0.00	0	0
Total PMM39 SPOT										0.00	0	0
Total For PMM39										0.00	0	0
PMM40 On 04/09/2018 Spot Bond				100.00000	0.00000	100.33143				0.00	0	0
Total PMM40 SPOT										0.00	0	0
Total For PMM40										0.00	0	0
PPC001 On 31/12/2018 Spot Bond				100.00000	0.00000	96.87837				0.00	0	0
Total PPC002 SPOT										0.00	0	0
Total For PPC002										0.00	0	0
PPC001 On 31/10/2019 Spot Bond				100.00000	0.00000	98.36633				0.00	0	0
Total PPC003 SPOT										0.00	0	0
Total For PPC003										0.00	0	0
PRE1A On 27/01/2018 Spot Bond				100.00000	0.00000	101.35838				0.00	0	0
Total PRE1A3 SPOT										0.00	0	0
Total For PRE1A3										0.00	0	0
PRE1B On 27/01/2018 Spot Bond				100.00000	0.00000	101.34001				0.00	0	0
Total PRE1B1 SPOT										0.00	0	0
Total For PRE1B1										0.00	0	0
PRE1C On 27/01/2018 Spot Bond				100.00000	0.00000	101.47062				0.00	0	0
Total PRE1C1 SPOT										0.00	0	0
Total For PRE1C1										0.00	0	0
PRE1D On 27/01/2018 Spot Bond				100.00000	0.00000	101.50097				0.00	0	0
Total PRE1D1 SPOT										0.00	0	0
Total For PRE1D1										0.00	0	0
PRE2A On 20/02/2022 Spot Bond				100.00000	0.00000	100.70411				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				100.00000	0.00000	100.73756				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				100.00000	0.00000	100.76681				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 PRE2A3 SPOT										0.00	0	0
Total For PRE2A3										0.00	0	0
PRE2B On 20/02/2022 Spot Bond				100.00000	0.00000	100.82527				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				100.00000	0.00000	100.83361				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				100.00000	0.00000	100.84196				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			8.42000	115.82083	8.38500	116.03602			884,154,434,654,000.00	3,786,716,678,700	3,396,084,972,300	
Total R186 SPOT									14,154,434,654,000.00	786,716,678,700	396,084,972,300	
Total For R186									14,154,434,654,000.00	786,716,678,700	396,084,972,300	
R197 On 07/12/2023 Spot Bond			2.37000	298.66923	2.37000	298.63064			30,593,001,141,000.00	12,908,439,300	21,074,708,600	
Total R197 SPOT									10,593,001,141,000.00	12,908,439,300	21,074,708,600	
Total For R197									10,593,001,141,000.00	12,908,439,300	21,074,708,600	
R202 On 07/12/2033 Spot Bond			2.53000	239.37052	2.53000	239.33857			289,356,567,038,000.00	114,370,184,600	185,874,057,900	
Total R202 SPOT									19,356,567,038,000.00	114,370,184,600	185,874,057,900	
Total For R202									19,356,567,038,000.00	114,370,184,600	185,874,057,900	
R203 On 28/02/2023 Spot Bond			7.71500	100.61631	7.69500	100.68296			722,269,451,015,000.00	871,324,621,000	745,787,551,200	
Total R203 SPOT									12,269,451,015,000.00	871,324,621,000	745,787,551,200	
Total For R203									12,269,451,015,000.00	871,324,621,000	745,787,551,200	
R2030 On 31/01/2030 Spot Bond			8.97500	93.94229	8.97500	93.91989			898,985,125,737,500.00	768,689,150,500	582,768,949,500	
Total R2030 SPOT									18,985,125,737,500.00	768,689,150,500	582,768,949,500	
Total For R2030									18,985,125,737,500.00	768,689,150,500	582,768,949,500	
R2032 On 31/03/2032 Spot Bond			9.20000	92.29460	9.20000	92.27192			328,802,833,760,000.00	253,130,742,800	395,450,800,000	
Total R2032 SPOT									18,802,833,760,000.00	253,130,742,800	395,450,800,000	
Total For R2032									18,802,833,760,000.00	253,130,742,800	395,450,800,000	
R2035 On 28/02/2035 Spot Bond			9.43000	95.82309	9.43000	95.79871			376,702,874,387,000.00	994,348,130,900	416,263,000,000	
Total R2035 SPOT									16,702,874,387,000.00	994,348,130,900	416,263,000,000	
Total For R2035									16,702,874,387,000.00	994,348,130,900	416,263,000,000	
R2037 On 31/01/2037 Spot Bond			9.55000	92.01622	9.55000	91.99290			419,467,607,405,000.00	567,483,519,100	683,809,419,800	
Total R2037 SPOT									19,467,607,405,000.00	567,483,519,100	683,809,419,800	
Total For R2037									19,467,607,405,000.00	567,483,519,100	683,809,419,800	
R204 On 21/12/2018 Spot Bond			6.82000	103.40293	6.82000	103.38399			906,062,324,946,000.00	426,108,845,300	371,748,562,800	

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 R204 SPOT									16,062,324,946,000.00	426,108,845,300	371,748,562,800
Total For R204									16,062,324,946,000.00	426,108,845,300	371,748,562,800
R2040 On 31/01/2040 Spot Bond			9.68000	95.09852	9.68000	95.07409			095,506,489,016,000.00	733,006,868,700	517,450,000,000
Total R2040 SPOT									15,506,489,016,000.00	733,006,868,700	517,450,000,000
Total For R2040									15,506,489,016,000.00	733,006,868,700	517,450,000,000
R2044 On 31/01/2044 Spot Bond			9.70000	92.25197	9.70000	92.22823			353,658,428,980,000.00	964,294,683,400	780,768,829,600
Total R2044 SPOT									13,658,428,980,000.00	964,294,683,400	780,768,829,600
Total For R2044									13,658,428,980,000.00	964,294,683,400	780,768,829,600
R2048 On 28/02/2048 Spot Bond			9.67000	91.54384	9.67000	91.51996			630,090,772,259,000.00	1,409,523,347,700	1,619,040,000,000
Total R2048 SPOT									10,090,772,259,000.00	409,523,347,700	519,040,000,000
Total For R2048									10,090,772,259,000.00	409,523,347,700	519,040,000,000
R207 On 15/01/2020 Spot Bond			7.06000	101.74360	7.05000	101.74551			222,953,538,372,000.00	1,448,010,416,200	830,042,548,400
Total R207 SPOT									12,953,538,372,000.00	448,010,416,200	330,042,548,400
Total For R207									12,953,538,372,000.00	448,010,416,200	330,042,548,400
R208 On 31/03/2021 Spot Bond			7.27500	98.24955	7.25500	98.29100			828,149,020,490,000.00	663,663,095,600	471,125,696,000
Total R208 SPOT									18,149,020,490,000.00	663,663,095,600	471,125,696,000
Total For R208									18,149,020,490,000.00	663,663,095,600	471,125,696,000
R209 On 31/03/2036 Spot Bond			9.42000	72.33231	9.39000	72.51991			722,502,490,546,000.00	2,518,312,366,300	1,345,954,000,000
Total R209 SPOT									12,502,490,546,000.00	518,312,366,300	345,954,000,000
Total For R209									12,502,490,546,000.00	518,312,366,300	345,954,000,000
R210 On 31/03/2028 Spot Bond			2.49000	183.74198	2.50000	183.54921			13,500,310,635,000.00	5,421,811,500	75,788,077,200
Total R210 SPOT									13,500,310,635,000.00	5,421,811,500	75,788,077,200
Total For R210									13,500,310,635,000.00	5,421,811,500	75,788,077,200
R212 On 31/01/2022 Spot Bond			2.35000	149.80024	2.35000	149.78101			486,454,355,725,000.00	207,001,853,500	192,666,204,600
Total R212 SPOT									16,454,355,725,000.00	207,001,853,500	192,666,204,600
Total For R212									16,454,355,725,000.00	207,001,853,500	192,666,204,600
R213 On 28/02/2031 Spot Bond			9.10000	84.31898	9.06500	84.53655			061,810,960,480,000.00	446,352,852,800	282,407,600,000
Total R213 SPOT									11,810,960,480,000.00	446,352,852,800	282,407,600,000
Total For R213									11,810,960,480,000.00	446,352,852,800	282,407,600,000
R214 On 28/02/2041 Spot Bond			9.58000	71.82274	9.58000	71.80418			818,568,299,638,000.00	1,338,055,146,100	1,029,935,220,700
Total R214 SPOT									18,568,299,638,000.00	338,055,146,100	1,029,935,220,700
Total For R214									18,568,299,638,000.00	338,055,146,100	1,029,935,220,700
RCG01 On 24/10/2019 Spot Bond				100.00000	0.00000	101.61829			0.00	0	0
Total RCG01B SPOT									0.00	0	0
Total For RCG01B									0.00	0	0
RCG01 On 24/10/2017 Spot Bond				100.00000	0.00000	101.32214			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 RCG01C SPOT										0.00	0	0
Total For RCG01C										0.00	0	0
RCSB0 On 12/04/2018 Spot Bond				100.00000	0.00000	102.60995				0.00	0	0
Total RCSB05 SPOT										0.00	0	0
Total For RCSB05										0.00	0	0
RCSB0 On 10/12/2017 Spot Bond				100.00000	0.00000	100.39931				0.00	0	0
Total RCSB07 SPOT										0.00	0	0
Total For RCSB07										0.00	0	0
RCSB6 On 31/03/2018 Spot Bond			100.00000	67.97993	100.00000	67.81525				0.00	0	0
Total RCSB6U SPOT										0.00	0	0
Total For RCSB6U										0.00	0	0
RDF02I On 04/12/2020 Spot Bond			100.00000	13.43269	100.00000	13.39979				0.00	0	0
Total RDF02U SPOT										0.00	0	0
Total For RDF02U										0.00	0	0
RDF03I On 04/04/2018 Spot Bond			100.00000	84.91591	100.00000	84.72204				0.00	0	0
Total RDF03U SPOT										0.00	0	0
Total For RDF03U										0.00	0	0
RDF04I On 04/10/2018 Spot Bond			100.00000	55.85315	100.00000	55.71636				0.00	0	0
Total RDF04U SPOT										0.00	0	0
Total For RDF04U										0.00	0	0
RDF05I On 04/12/2019 Spot Bond			100.00000	21.11516	100.00000	21.06345				0.00	0	0
Total RDF05U SPOT										0.00	0	0
Total For RDF05U										0.00	0	0
RDF06I On 28/08/2022 Spot Bond			100.00000	11.70050	100.00000	11.64905				0.00	0	0
Total RDF06U SPOT										0.00	0	0
Total For RDF06U										0.00	0	0
RDFB0 On 11/03/2018 Spot Bond				100.00000	0.00000	100.24192				0.00	0	0
Total RDFB02 SPOT										0.00	0	0
Total For RDFB02										0.00	0	0
RDFB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.72569				0.00	0	0
Total RDFB04 SPOT										0.00	0	0
Total For RDFB04										0.00	0	0
RDFB0 On 27/11/2019 Spot Bond				100.00000	0.00000	101.69716				0.00	0	0
Total RDFB05 SPOT										0.00	0	0
Total For RDFB05										0.00	0	0
RDFB0 On 22/03/2019 Spot Bond				100.00000	0.00000	100.91399				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 RDFB06 SPOT										0.00	0	0
Total For RDFB06										0.00	0	0
RDFB0 On 22/03/2019 Spot Bond			100.00000	39.02595	100.00000	33.00222				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				100.00000	0.00000	100.21571				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				100.00000	0.00000	99.82998				0.00	0	0
Total RDFB08 SPOT										0.00	0	0
Total For RDFB08										0.00	0	0
RDFB0 On 02/12/2021 Spot Bond				100.00000	0.00000	100.42224				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				100.00000	0.00000	100.13729				0.00	0	0
Total RDFB10 SPOT										0.00	0	0
Total For RDFB10										0.00	0	0
RDFB1 On 27/03/2022 Spot Bond				100.00000	0.00000	99.86329				0.00	0	0
Total RDFB11 SPOT										0.00	0	0
Total For RDFB11										0.00	0	0
RDFC3 On 05/10/2017 Spot Bond				100.00000	0.00000	101.81435				0.00	0	0
Total RDFC35 SPOT										0.00	0	0
Total For RDFC35										0.00	0	0
RDFC3 On 22/09/2017 Spot Bond				100.00000	0.00000	99.97731				0.00	0	0
Total RDFC36 SPOT										0.00	0	0
Total For RDFC36										0.00	0	0
RDFC3 On 04/06/2018 Spot Bond				100.00000	0.00000	100.38326				0.00	0	0
Total RDFC38 SPOT										0.00	0	0
Total For RDFC38										0.00	0	0
RDFC3 On 27/07/2018 Spot Bond				100.00000	0.00000	101.25809				0.00	0	0
Total RDFC39 SPOT										0.00	0	0
Total For RDFC39										0.00	0	0
REB01 On 21/05/2018 Spot Bond				100.00000	0.00000	100.83467				0.00	5,300,000,000	2,600,000,000
Total REB01 SPOT										0.00	5,300,000,000	2,600,000,000
Total For REB01										0.00	5,300,000,000	2,600,000,000
REB01 On 21/05/2018 Spot Bond			100.00000	60.15775	100.00000	60.01202				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 REB01/JIBAR SPOT										0.00	0	0
Total For REB01/JIBAR										0.00	0	0
REB02 On 21/05/2018 Spot Bond				100.00000	0.00000	100.78340				0.00	0	0
Total REB02 SPOT										0.00	0	0
Total For REB02										0.00	0	0
REBC0 On 17/11/2017 Spot Bond				100.00000	0.00000	100.77167				0.00	0	0
Total REBC05 SPOT										0.00	0	0
Total For REBC05										0.00	0	0
RED20 On 05/07/2018 Spot Bond				100.00000	0.00000	102.54891				0.00	0	0
Total RED201 SPOT										0.00	0	0
Total For RED201										0.00	0	0
RED20 On 05/04/2019 Spot Bond				100.00000	0.00000	102.68705				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				100.00000	0.00000	103.22914				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				100.00000	0.00000	102.65459				0.00	0	0
Total RED204 SPOT										0.00	0	0
Total For RED204										0.00	0	0
RED30 On 16/09/2021 Spot Bond				100.00000	0.00000	100.03699				0.00	0	0
Total RED301 SPOT										0.00	0	0
Total For RED301										0.00	0	0
RES01 On 02/03/2018 Spot Bond			100.00000	85.26805	100.00000	85.07248				0.00	0	0
Total RES01U SPOT										0.00	0	0
Total For RES01U										0.00	0	0
RES02 On 02/03/2019 Spot Bond			100.00000	39.81686	100.00000	39.71934				0.00	0	0
Total RES02U SPOT										0.00	0	0
Total For RES02U										0.00	0	0
RES03 On 02/03/2020 Spot Bond			100.00000	21.09804	100.00000	21.04636				0.00	0	0
Total RES03U SPOT										0.00	0	0
Total For RES03U										0.00	0	0
RES04 On 02/03/2021 Spot Bond			100.00000	13.51560	100.00000	13.48250				0.00	0	0
Total RES04U SPOT										0.00	0	0
Total For RES04U										0.00	0	0
RES15 On 12/11/2017 Spot Bond				100.00000	0.00000	101.10720				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 RES15 SPOT										0.00	0	0
Total For RES15										0.00	0	0
RES18 On 05/02/2018 Spot Bond				100.00000	0.00000	101.09777				0.00	0	0
Total RES18 SPOT										0.00	0	0
Total For RES18										0.00	0	0
RES30 On 07/03/2021 Spot Bond				100.00000	0.00000	100.34404				0.00	0	0
Total RES30 SPOT										0.00	0	0
Total For RES30										0.00	0	0
RES32 On 20/10/2017 Spot Bond				100.00000	0.00000	101.66131				0.00	0	0
Total RES32 SPOT										0.00	0	0
Total For RES32										0.00	0	0
RES34 On 25/08/2019 Spot Bond				100.00000	0.00000	101.76220				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				100.00000	0.00000	100.67277				0.00	0	0
Total RES35 SPOT										0.00	0	0
Total For RES35										0.00	0	0
RES36 On 21/10/2019 Spot Bond				100.00000	0.00000	101.52122				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				100.00000	0.00000	101.25685				0.00	0	0
Total RES38 SPOT										0.00	0	0
Total For RES38										0.00	0	0
RES39 On 03/05/2018 Spot Bond			100.00000	60.84847	100.00000	60.65849				0.00	0	0
Total RES39U SPOT										0.00	0	0
Total For RES39U										0.00	0	0
RMBI06 On 24/07/2038 Spot Bond			100.00000	0.00001	100.00000	0.00001				0.00	0	0
Total RMBI06 SPOT										0.00	0	0
Total For RMBI06										0.00	0	0
RP014 On 27/09/2019 Spot Bond				100.00000	0.00000	80.30273				0.00	0	0
Total RP014 SPOT										0.00	0	0
Total For RP014										0.00	0	0
RPP011 On 31/08/2018 Spot Bond			100.00000	60.00478	100.00000	59.85782				0.00	0	0
Total RPP011U SPOT										0.00	0	0
Total For RPP011U										0.00	0	0
RPP081 On 30/04/2020 Spot Bond			100.00000	21.64499	100.00000	21.59255				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 RPP08U SPOT										0.00	0	0
Total For RPP08U										0.00	0	0
RPS00 On 16/11/2022 Spot Bond				100.00000	0.00000	106.19115				0.00	0	0
Total RPS001 SPOT										0.00	0	0
Total For RPS001										0.00	0	0
RPS00 On 30/04/2025 Spot Bond				100.00000	0.00000	47.77863				0.00	0	0
Total RPS002 SPOT										0.00	0	0
Total For RPS002										0.00	0	0
RW21 On 21/04/2021 Spot Bond			8.92500	107.32308	8.92500	107.29748				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			9.37500	103.30078	9.37500	103.27492				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			10.76500	99.53793	10.76500	99.50941				0.00	0	700,000,000
Total RW28 SPOT										0.00	0	700,000,000
Total For RW28										0.00	0	700,000,000
S1328L On 02/11/2017 Spot Bond			100.00000	89.90148	100.00000	89.68059				0.00	0	0
Total S1328U SPOT										0.00	0	0
Total For S1328U										0.00	0	0
SBK12 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total SBK12/R157 SPOT										0.00	0	0
Total For SBK12/R157										0.00	0	0
SBK14 On 01/12/2017 Spot Bond			6.71000	103.49813	6.71000	103.47935				0.00	0	0
Total SBK14 SPOT										0.00	0	0
Total For SBK14										0.00	0	0
SBK16 On 15/03/2018 Spot Bond				100.00000	0.00000	100.29055				0.00	0	0
Total SBK16 SPOT										0.00	0	0
Total For SBK16										0.00	0	0
SBK17 On 30/07/2019 Spot Bond				100.00000	0.00000	100.36156				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				100.00000	0.00000	100.74060				0.00	20,000,000	10,000,000
Total SBK18 SPOT										0.00	20,000,000	10,000,000
Total For SBK18										0.00	20,000,000	10,000,000
SBK19 On 24/10/2019 Spot Bond				100.00000	0.00000	101.51617				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 SBK19 SPOT										0.00	0	0
Total For SBK19										0.00	0	0
SBK20 On 02/12/2019 Spot Bond				100.00000	0.00000	101.87183				0.00	0	100,000,000
Total SBK20 SPOT										0.00	0	100,000,000
Total For SBK20										0.00	0	100,000,000
SBK21 On 28/01/2020 Spot Bond				100.00000	0.00000	102.41359				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				100.00000	0.00000	102.22708				0.00	0	0
Total SBK22 SPOT										0.00	0	0
Total For SBK22										0.00	0	0
SBK23 On 28/05/2022 Spot Bond			10.52500	107.39128	10.52500	107.36135				0.00	0	1,910,000,000
Total SBK23 SPOT										0.00	0	1,910,000,000
Total For SBK23										0.00	0	1,910,000,000
SBK24 On 19/10/2020 Spot Bond				100.00000	0.00000	103.25052				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	12.68119	100.00000	12.65047				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				100.00000	0.00000	104.01851				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			10.35500	110.56148	10.35500	110.53098				0.00	0	0
Total SBK26 SPOT										0.00	0	0
Total For SBK26										0.00	0	0
SBK9 On 10/04/2018 Spot Bond			8.17000	103.90051	8.17000	103.87778				0.00	0	2,760,000,000
Total SBK9 SPOT										0.00	0	2,760,000,000
Total For SBK9										0.00	0	2,760,000,000
SBS13 On 22/09/2017 Spot Bond			6.71000	100.00000	6.71000	99.98162				0.00	0	0
Total SBS13 SPOT										0.00	0	0
Total For SBS13										0.00	0	0
SBS16 On 22/09/2018 Spot Bond				100.00000	0.00000	100.58008				0.00	0	0
Total SBS16 SPOT										0.00	0	0
Total For SBS16										0.00	0	0
SBS18 On 23/06/2021 Spot Bond				100.00000	0.00000	100.97714				0.00	60,000,000	330,000,000

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 SBS18 SPOT									0.00	60,000,000	330,000,000
Total For SBS18									0.00	60,000,000	330,000,000
SBS19 On 23/06/2021 Spot Bond			8.13500	109.00492	8.13500	108.98117			0.00	0	0
Total SBS19 SPOT									0.00	0	0
Total For SBS19									0.00	0	0
SBS20 On 15/05/2026 Spot Bond			9.38500	107.40597	9.38500	107.37921			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				100.00000	0.00000	102.91911			0.00	2,040,000,000	1,020,000,000
Total SBS21 SPOT									0.00	2,040,000,000	1,020,000,000
Total For SBS21									0.00	2,040,000,000	1,020,000,000
SBS24 On 24/05/2019 Spot Bond				100.00000	0.00000	101.69469			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			7.64500	104.78594	7.64500	104.76457			0.00	0	150,000,000
Total SBS25 SPOT									0.00	0	150,000,000
Total For SBS25									0.00	0	150,000,000
SBS27 On 20/02/2024 Spot Bond			8.94500	106.57981	8.94500	106.55448			0.00	0	0
Total SBS27 SPOT									0.00	0	0
Total For SBS27									0.00	0	0
SBS29 On 12/06/2019 Spot Bond			7.64500	104.05770	7.64500	104.03637			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			9.55000	94.80971	9.55000	94.78568			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				100.00000	0.00000	100.20445			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			9.60000	103.85123	9.60000	103.82462			0.00	0	0
Total SBS31 SPOT									0.00	0	0
Total For SBS31									0.00	0	0
SBS32 On 19/09/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total SBS32 SPOT									0.00	0	0
Total For SBS32									0.00	0	0
SBS33 On 19/09/2019 Spot Bond				100.00000	0.00000	100.04286			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 SBS33 SPOT										0.00	0	0
Total For SBS33										0.00	0	0
SBS34 On 19/09/2024 Spot Bond			9.68500	102.15484	9.68500	102.12816				0.00	0	1,450,000,000
Total SBS34 SPOT										0.00	0	1,450,000,000
Total For SBS34										0.00	0	1,450,000,000
SBS35 On 29/01/2018 Spot Bond				100.00000	0.00000	101.38843				0.00	0	0
Total SBS35 SPOT										0.00	0	0
Total For SBS35										0.00	0	0
SBS36 On 29/01/2020 Spot Bond				100.00000	0.00000	101.65120				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			7.77500	101.59824	7.77500	101.57718				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			9.18000	100.86371	9.18000	100.83910				0.00	0	0
Total SBS38 SPOT										0.00	0	0
Total For SBS38										0.00	0	0
SBS39 On 29/01/2030 Spot Bond			9.95000	99.74156	9.95000	99.71525				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			8.38500	103.73669	8.38500	103.71354				0.00	0	580,000,000
Total SBS4 SPOT										0.00	0	580,000,000
Total For SBS4										0.00	0	580,000,000
SBS40 On 12/11/2020 Spot Bond				100.00000	0.00000	101.60134				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			8.61500	109.15844	8.61500	109.13343				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			9.24000	111.70866	9.24000	111.68125				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			9.56500	111.91768	9.56500	111.88928				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				100.00000	0.00000	101.20194				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 SBS44 SPOT										0.00	0	0
Total For SBS44										0.00	0	0
SBS45 On 15/02/2021 Spot Bond				100.00000	0.00000	101.79857				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			8.54500	110.03300	8.54500	110.00798				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				100.00000	0.00000	101.77654				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				100.00000	0.00000	100.99752				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				100.00000	0.00000	101.24722				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			8.79500	103.68720	8.79500	103.66295				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			9.42500	103.03026	9.42500	103.00448				0.00	0	0
Total SBS51 SPOT										0.00	0	0
Total For SBS51										0.00	0	0
SBS52 On 29/01/2030 Spot Bond				100.00000	0.00000	101.31639				0.00	0	3,050,000,000
Total SBS52 SPOT										0.00	0	3,050,000,000
Total For SBS52										0.00	0	3,050,000,000
SBS53 On 03/05/2027 Spot Bond				100.00000	0.00000	102.02518				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				100.00000	0.00000	100.21045				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				100.00000	0.00000	100.45049				0.00	0	0
Total SBS55 SPOT										0.00	0	0
Total For SBS55										0.00	0	0
SBS56 On 12/06/2022 Spot Bond			8.52000	104.11448	8.52000	104.09075				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 SBS56 SPOT									0.00	0	0
Total For SBS56									0.00	0	0
SBS57 On 12/06/2024 Spot Bond				100.00000	0.00000	100.22053			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				100.00000	0.00000	100.86675			0.00	0	0
Total SBS58 SPOT									0.00	0	0
Total For SBS58									0.00	0	0
SBSI11 On 07/12/2023 Spot Bond			3.57000	280.40977	3.57000	280.36447			0.00	0	0
Total SBSI11 SPOT									0.00	0	0
Total For SBSI11									0.00	0	0
SBSI14 On 07/12/2033 Spot Bond			4.08000	197.24351	4.08000	197.90465			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				100.00000	0.00000	99.73390			0.00	0	0
Total SBT101 SPOT									0.00	0	0
Total For SBT101									0.00	0	0
SBT102 On 30/09/2022 Spot Bond			100.00000	10.57198	100.00000	13.36015		460,000,000,000,000.00	354,600,000,000	180,000,000,000	
Total SBT102 SPOT								0,000,000,000,000.00	354,600,000,000	180,000,000,000	
Total For SBT102								0,000,000,000,000.00	354,600,000,000	180,000,000,000	
SF2A2L On 11/02/2018 Spot Bond			100.00000	89.44689	100.00000	89.23341			0.00	0	0
Total SF2A2U SPOT									0.00	0	0
Total For SF2A2U									0.00	0	0
SF2BU On 11/02/2018 Spot Bond			100.00000	89.68899	100.00000	89.47494			0.00	0	0
Total SF2BU SPOT									0.00	0	0
Total For SF2BU									0.00	0	0
SF2CU On 11/02/2018 Spot Bond			100.00000	90.12919	100.00000	89.91408			0.00	0	0
Total SF2CU SPOT									0.00	0	0
Total For SF2CU									0.00	0	0
SF2DU On 11/02/2018 Spot Bond			100.00000	90.34928	100.00000	90.13365			0.00	0	0
Total SF2DU SPOT									0.00	0	0
Total For SF2DU									0.00	0	0
SGI004 On 20/01/2021 Spot Bond				100.00000	0.00000	102.58943			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				100.00000	0.00000	102.58955			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 SGI005 SPOT										0.00	0	0
Total For SGI005										0.00	0	0
SGI006 On 11/07/2022 Spot Bond				100.00000	0.00000	101.44043				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				100.00000	0.00000	82.63494				0.00	0	0
Total SHI02 SPOT										0.00	0	0
Total For SHI02										0.00	0	0
SHS06 On 12/12/2017 Spot Bond				100.00000	0.00000	100.41970				0.00	3,500,000,000	1,300,000,000
Total SHS06 SPOT										0.00	3,500,000,000	1,300,000,000
Total For SHS06										0.00	3,500,000,000	1,300,000,000
SHS11L On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total SHS11U/JIBAR SPOT										0.00	0	0
Total For SHS11U/JIBAR										0.00	0	0
SHS22 On 23/02/2020 Spot Bond				100.00000	0.00000	101.16582				0.00	0	0
Total SHS22 SPOT										0.00	0	0
Total For SHS22										0.00	0	0
SHS23 On 29/06/2018 Spot Bond				100.00000	0.00000	99.81969				0.00	0	0
Total SHS23 SPOT										0.00	0	0
Total For SHS23										0.00	0	0
SHS24 On 29/06/2020 Spot Bond				100.00000	0.00000	99.81316				0.00	0	0
Total SHS24 SPOT										0.00	0	0
Total For SHS24										0.00	0	0
SHS25 On 29/06/2020 Spot Bond			9.15500	103.87361	9.15500	103.84821				0.00	0	0
Total SHS25 SPOT										0.00	0	0
Total For SHS25										0.00	0	0
SHS26 On 29/06/2020 Spot Bond				100.00000	0.00000	99.81316				0.00	0	0
Total SHS26 SPOT										0.00	0	0
Total For SHS26										0.00	0	0
SHS28 On 15/04/2018 Spot Bond				100.00000	0.00000	102.14084				0.00	0	0
Total SHS28 SPOT										0.00	0	0
Total For SHS28										0.00	0	0
SHS29L On 03/12/2018 Spot Bond			100.00000	40.08351	100.00000	39.98534				0.00	0	0
Total SHS29U SPOT										0.00	0	0
Total For SHS29U										0.00	0	0
SHS30 On 05/04/2020 Spot Bond				100.00000	0.00000	101.97395				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 SHS30 SPOT										0.00	0	0
Total For SHS30										0.00	0	0
SHS31 On 05/10/2022 Spot Bond				100.00000	0.00000	102.13767				0.00	0	0
Total SHS31 SPOT										0.00	0	0
Total For SHS31										0.00	0	0
SHS32 On 10/07/2020 Spot Bond				100.00000	0.00000	101.85441				0.00	0	0
Total SHS32 SPOT										0.00	0	0
Total For SHS32										0.00	0	0
SHS33 On 10/10/2022 Spot Bond				100.00000	0.00000	101.89414				0.00	0	0
Total SHS33 SPOT										0.00	0	0
Total For SHS33										0.00	0	0
SLI3 On 15/08/2018 Spot Bond			7.97000	101.50443	7.97000	101.48288				0.00	0	200,000,000
Total SLI3 SPOT										0.00	0	200,000,000
Total For SLI3										0.00	0	200,000,000
SLI4 On 15/08/2021 Spot Bond				100.00000	0.00000	101.28002				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				100.00000	0.00000	100.90602				0.00	0	1,000,000,000
Total SLRA1 SPOT										0.00	0	1,000,000,000
Total For SLRA1										0.00	0	1,000,000,000
SLRA2 On 15/08/2021 Spot Bond				100.00000	0.00000	100.93083				0.00	0	0
Total SLRA2 SPOT										0.00	0	0
Total For SLRA2										0.00	0	0
SLRB1 On 15/08/2019 Spot Bond				100.00000	0.00000	100.94602				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				100.00000	0.00000	100.95579				0.00	0	0
Total SLRB2 SPOT										0.00	0	0
Total For SLRB2										0.00	0	0
SLRC1 On 15/08/2019 Spot Bond				100.00000	0.00000	101.02695				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				100.00000	0.00000	101.04758				0.00	0	0
Total SLRC2 SPOT										0.00	0	0
Total For SLRC2										0.00	0	0
SNT02 On 12/04/2021 Spot Bond				100.00000	0.00000	101.93197				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 SNT02 SPOT										0.00	0	0
Total For SNT02										0.00	0	0
SNT03 On 12/04/2023 Spot Bond			10.29500	111.35128	10.29500	111.32075				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				100.00000	0.00000	100.24355				0.00	0	20,000,000
Total SNT04 SPOT										0.00	0	20,000,000
Total For SNT04										0.00	0	20,000,000
SPDA10 On 21/08/2021 Spot Bond				100.00000	0.00000	101.56247				0.00	0	0
Total SPDA10 SPOT										0.00	0	0
Total For SPDA10										0.00	0	0
SPDA11 On 21/08/2020 Spot Bond				100.00000	0.00000	100.74142				0.00	0	0
Total SPDA11 SPOT										0.00	0	0
Total For SPDA11										0.00	0	0
SPDA12 On 21/08/2022 Spot Bond				100.00000	0.00000	100.75555				0.00	0	100,000,000
Total SPDA12 SPOT										0.00	0	100,000,000
Total For SPDA12										0.00	0	100,000,000
SPDA6 On 21/08/2019 Spot Bond				100.00000	0.00000	100.73730				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				100.00000	0.00000	100.97660				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				100.00000	0.00000	100.74965				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				100.00000	0.00000	100.75236				0.00	0	0
Total SPDA9 SPOT										0.00	0	0
Total For SPDA9										0.00	0	0
SPG002 On 09/09/2019 Spot Bond				100.00000	0.00000	100.26089				0.00	0	0
Total SPG002 SPOT										0.00	0	0
Total For SPG002										0.00	0	0
SPG003 On 31/10/2019 Spot Bond				100.00000	0.00000	101.34467				0.00	0	0
Total SPG003 SPOT										0.00	0	0
Total For SPG003										0.00	0	0
SSA05 On 16/04/2018 Spot Bond				100.00000	0.00000	101.80946				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 SSA05 SPOT									0.00	0	0
Total For SSA05									0.00	0	0
SSA06 On 16/04/2020 Spot Bond			8.95500	101.47963	8.95500	101.45535			5,373,000,000,000.00	600,000,000	300,000,000
Total SSA06 SPOT									5,373,000,000,000.00	600,000,000	300,000,000
Total For SSA06									5,373,000,000,000.00	600,000,000	300,000,000
SSN00 On 31/03/2021 Spot Bond			8.82500	93.68968	8.82500	93.66758			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			8.82500	93.68968	8.82500	93.66758			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			3.87500	88.38449	3.87500	117.07007			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			9.88500	106.30834	9.88500	106.28033			0.00	0	0
Total SSN017 SPOT									0.00	0	0
Total For SSN017									0.00	0	0
SSN02 On 28/02/2031 Spot Bond			10.93500	73.03480	10.93500	73.01332			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				100.00000	0.00000	101.51443			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				100.00000	0.00000	101.60384			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				100.00000	0.00000	99.88293			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				100.00000	0.00000	100.40036			0.00	257,473,000	8,257,473,000
Total SSN029 SPOT									0.00	257,473,000	8,257,473,000
Total For SSN029									0.00	257,473,000	8,257,473,000
SSN03 On 17/03/2020 Spot Bond				100.00000	0.00000	100.07267			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				100.00000	0.00000	100.42915			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 SSN034 SPOT										0.00	0	0
Total For SSN034										0.00	0	0
SSN034 On 17/11/2020 Spot Bond				100.00000	0.00000	100.88297				0.00	0	0
Total SSN035 SPOT										0.00	0	0
Total For SSN035										0.00	0	0
SSN035 On 18/12/2020 Spot Bond				100.00000	0.00000	107.38958				0.00	0	0
Total SSN036 SPOT										0.00	0	0
Total For SSN036										0.00	0	0
SSN036 On 01/06/2021 Spot Bond				100.00000	0.00000	100.53478				0.00	0	0
Total SSN037 SPOT										0.00	0	0
Total For SSN037										0.00	0	0
SSN037 On 26/01/2021 Spot Bond			9.55000	101.48119	9.55000	101.45547				0.00	0	0
Total SSN038 SPOT										0.00	0	0
Total For SSN038										0.00	0	0
SSN038 On 13/10/2023 Spot Bond				100.00000	0.00000	101.78209				0.00	0	0
Total SSN040 SPOT										0.00	0	0
Total For SSN040										0.00	0	0
SSN040 On 13/10/2023 Spot Bond			9.09500	107.53019	9.09500	107.50406				0.00	0	0
Total SSN041 SPOT										0.00	0	0
Total For SSN041										0.00	0	0
SSN041 On 01/12/2017 Spot Bond				100.00000	0.00000	95.34890				0.00	0	0
Total SSN042 SPOT										0.00	0	0
Total For SSN042										0.00	0	0
SSN042 On 31/01/2038 Spot Bond			4.10000	99.29340	4.10000	99.27602				0.00	0	0
Total SSN043 SPOT										0.00	0	0
Total For SSN043										0.00	0	0
SSN043 On 09/02/2027 Spot Bond				100.00000	0.00000	101.05741				0.00	0	0
Total SSN044 SPOT										0.00	0	0
Total For SSN044										0.00	0	0
SSN044 On 14/02/2018 Spot Bond				100.00000	0.00000	100.84737				0.00	0	0
Total SSN045 SPOT										0.00	0	0
Total For SSN045										0.00	0	0
SSN045 On 30/04/2027 Spot Bond				100.00000	0.00000	101.36220				0.00	0	0
Total SSN046 SPOT										0.00	0	0
Total For SSN046										0.00	0	0
SSN046 On 05/04/2027 Spot Bond				100.00000	0.00000	101.86894				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 SSN047 SPOT										0.00	0	0
Total For SSN047										0.00	0	0
SSN047 On 21/06/2018 Spot Bond				100.00000	0.00000	102.07063				0.00	0	0
Total SSN048 SPOT										0.00	0	0
Total For SSN048										0.00	0	0
SSN048 On 30/09/2027 Spot Bond				100.00000	0.00000	99.38282				0.00	0	0
Total SSN049 SPOT										0.00	0	0
Total For SSN049										0.00	0	0
SSN049 On 08/12/2023 Spot Bond			3.40000	113.14351	3.40000	281.68526				0.00	0	0
Total SSN050 SPOT										0.00	0	0
Total For SSN050										0.00	0	0
SZ25 On 30/09/2025 Spot Bond			9.33500	97.94541	9.33500	97.92100				0.00	0	0
Total SZ25 SPOT										0.00	0	0
Total For SZ25										0.00	0	0
T12A10 On 21/08/2019 Spot Bond				100.00000	0.00000	100.73311				0.00	0	0
Total T12A10 SPOT										0.00	0	0
Total For T12A10										0.00	0	0
T12A11 On 21/08/2019 Spot Bond				100.00000	0.00000	101.28953				0.00	0	0
Total T12A11 SPOT										0.00	0	0
Total For T12A11										0.00	0	0
T12A12 On 21/08/2019 Spot Bond			8.70000	101.34172	8.70000	101.31827				0.00	0	0
Total T12A12 SPOT										0.00	0	0
Total For T12A12										0.00	0	0
T13A10 On 21/08/2018 Spot Bond				100.00000	0.00000	101.27507				0.00	0	0
Total T13A10 SPOT										0.00	0	0
Total For T13A10										0.00	0	0
T13A11 On 21/08/2020 Spot Bond				100.00000	0.00000	100.75954				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			8.60000	105.51985	8.60000	105.49571				0.00	0	0
Total T13A12 SPOT										0.00	0	0
Total For T13A12										0.00	0	0
T13A13 On 21/08/2018 Spot Bond				100.00000	0.00000	100.70013				0.00	0	0
Total T13A13 SPOT										0.00	0	0
Total For T13A13										0.00	0	0
T13A14 On 21/08/2018 Spot Bond				100.00000	0.00000	100.92114				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 T13A14 SPOT										0.00	0	0
Total For T13A14										0.00	0	0
T13A15 On 21/08/2020 Spot Bond				100.00000	0.00000	100.75789				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			8.70000	104.94655	8.70000	104.92226				0.00	0	0
Total T13A16 SPOT										0.00	0	0
Total For T13A16										0.00	0	0
T13A18 On 21/08/2018 Spot Bond				100.00000	0.00000	100.74986				0.00	0	900,000,000
Total T13A18 SPOT										0.00	0	900,000,000
Total For T13A18										0.00	0	900,000,000
T13A19 On 21/08/2020 Spot Bond				100.00000	0.00000	100.47687				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			8.65000	103.58696	8.65000	103.56312				0.00	0	0
Total T13A20 SPOT										0.00	0	0
Total For T13A20										0.00	0	0
T14A10 On 21/11/2019 Spot Bond				100.00000	0.00000	100.74562				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				100.00000	0.00000	100.76218				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			9.15000	103.05239	9.15000	103.02721				0.00	0	0
Total T14A12 SPOT										0.00	0	0
Total For T14A12										0.00	0	0
TFS117 On 02/09/2018 Spot Bond				100.00000	0.00000	100.39015				0.00	0	0
Total TFS117 SPOT										0.00	0	0
Total For TFS117										0.00	0	0
TFS123 On 20/03/2019 Spot Bond				100.00000	0.00000	99.74225				0.00	0	0
Total TFS123 SPOT										0.00	0	0
Total For TFS123										0.00	0	0
TFS135 On 06/07/2018 Spot Bond				100.00000	0.00000	102.24956				0.00	0	0
Total TFS135 SPOT										0.00	0	0
Total For TFS135										0.00	0	0
TFS136 On 06/07/2020 Spot Bond				100.00000	0.00000	101.88712				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 TFS136 SPOT										0.00	0	0
Total For TFS136										0.00	0	0
TFS13€ On 27/05/2019 Spot Bond				100.00000	0.00000	101.39150				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				100.00000	0.00000	101.28857				0.00	0	0
Total TFS141 SPOT										0.00	0	0
Total For TFS141										0.00	0	0
TFS142 On 28/10/2021 Spot Bond				100.00000	0.00000	101.33330				0.00	0	0
Total TFS142 SPOT										0.00	0	0
Total For TFS142										0.00	0	0
TFS143 On 17/11/2017 Spot Bond				100.00000	0.00000	100.77434				0.00	0	0
Total TFS143 SPOT										0.00	0	0
Total For TFS143										0.00	0	0
TFS144 On 20/03/2020 Spot Bond				100.00000	0.00000	100.02132				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				100.00000	0.00000	100.02189				0.00	0	0
Total TFS145 SPOT										0.00	0	0
Total For TFS145										0.00	0	0
TFS14€ On 25/04/2018 Spot Bond				100.00000	0.00000	101.01266				0.00	0	0
Total TFS146 SPOT										0.00	0	0
Total For TFS146										0.00	0	0
TH10A7 On 18/10/2038 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TH10A7 SPOT										0.00	0	0
Total For TH10A7										0.00	0	0
TH11A1 On 18/07/2018 Spot Bond				100.00000	0.00000	101.56033				0.00	0	0
Total TH11A1 SPOT										0.00	0	0
Total For TH11A1										0.00	0	0
TH11A2 On 18/07/2018 Spot Bond				100.00000	0.00000	101.61695				0.00	0	0
Total TH11A2 SPOT										0.00	0	0
Total For TH11A2										0.00	0	0
TH11A3 On 18/07/2018 Spot Bond			8.73000	101.54431	8.73000	101.52073				0.00	0	0
Total TH11A3 SPOT										0.00	0	0
Total For TH11A3										0.00	0	0
TH11A4 On 18/07/2018 Spot Bond				100.00000	0.00000	101.43688				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 TH11A4 SPOT										0.00	0	0
Total For TH11A4										0.00	0	0
TH11A€ On 18/07/2018 Spot Bond				100.00000	0.00000	101.75602				0.00	4,000,000,000	2,000,000,000
Total TH11A5 SPOT										0.00	4,000,000,000	2,000,000,000
Total For TH11A5										0.00	4,000,000,000	2,000,000,000
TH11A€ On 18/07/2018 Spot Bond			8.32000	101.35814	8.32000	101.33569				0.00	0	0
Total TH11A6 SPOT										0.00	0	0
Total For TH11A6										0.00	0	0
TH11A7 On 18/07/2018 Spot Bond				100.00000	0.00000	101.41836				0.00	0	0
Total TH11A7 SPOT										0.00	0	0
Total For TH11A7										0.00	0	0
TH11A€ On 18/07/2018 Spot Bond				100.00000	0.00000	101.75602				0.00	5,000,000,000	2,500,000,000
Total TH11A8 SPOT										0.00	5,000,000,000	2,500,000,000
Total For TH11A8										0.00	5,000,000,000	2,500,000,000
TH11B1 On 18/07/2018 Spot Bond				100.00000	0.00000	101.89305				0.00	0	0
Total TH11B1 SPOT										0.00	0	0
Total For TH11B1										0.00	0	0
TH11B2 On 18/07/2018 Spot Bond				100.00000	0.00000	101.67710				0.00	0	0
Total TH11B2 SPOT										0.00	0	0
Total For TH11B2										0.00	0	0
TH11B3 On 18/07/2018 Spot Bond				100.00000	0.00000	101.67002				0.00	0	0
Total TH11B3 SPOT										0.00	0	0
Total For TH11B3										0.00	0	0
TH11C1 On 18/07/2018 Spot Bond				100.00000	0.00000	101.85215				0.00	0	0
Total TH11C1 SPOT										0.00	0	0
Total For TH11C1										0.00	0	0
TH11C2 On 18/07/2018 Spot Bond				100.00000	0.00000	101.84508				0.00	0	0
Total TH11C2 SPOT										0.00	0	0
Total For TH11C2										0.00	0	0
TH11C3 On 18/07/2018 Spot Bond				100.00000	0.00000	101.78320				0.00	0	0
Total TH11C3 SPOT										0.00	0	0
Total For TH11C3										0.00	0	0
TH11D1 On 18/07/2018 Spot Bond				100.00000	0.00000	102.40302				0.00	0	0
Total TH11D1 SPOT										0.00	0	0
Total For TH11D1										0.00	0	0
TH11D2 On 18/07/2018 Spot Bond				100.00000	0.00000	102.41007				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 TH11D2 SPOT										0.00	0	0
Total For TH11D2										0.00	0	0
TH11D2 On 18/07/2018 Spot Bond				100.00000	0.00000	102.37480				0.00	0	0
Total TH11D3 SPOT										0.00	0	0
Total For TH11D3										0.00	0	0
TH12A1 On 21/08/2019 Spot Bond				100.00000	0.00000	100.70714				0.00	0	0
Total TH12A1 SPOT										0.00	0	0
Total For TH12A1										0.00	0	0
TH12A2 On 21/08/2019 Spot Bond				100.00000	0.00000	100.74567				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			8.65000	101.68260	8.65000	101.65919				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A4 On 21/08/2019 Spot Bond				100.00000	0.00000	100.73311				0.00	0	0
Total TH12A4 SPOT										0.00	0	0
Total For TH12A4										0.00	0	0
TH12A5 On 21/08/2019 Spot Bond				100.00000	0.00000	100.76240				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			8.56000	100.69520	8.56000	100.67227				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A7 On 21/08/2019 Spot Bond				100.00000	0.00000	100.72892				0.00	0	0
Total TH12A7 SPOT										0.00	0	0
Total For TH12A7										0.00	0	0
TH12A8 On 21/08/2019 Spot Bond				100.00000	0.00000	100.76240				0.00	0	0
Total TH12A8 SPOT										0.00	0	0
Total For TH12A8										0.00	0	0
TH12A9 On 21/08/2019 Spot Bond			8.67000	100.08770	8.67000	100.06462				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12B1 On 21/08/2019 Spot Bond				100.00000	0.00000	100.80004				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B2 On 21/08/2019 Spot Bond				100.00000	0.00000	100.80004				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 TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B: On 21/08/2019 Spot Bond				100.00000	0.00000	100.80004				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				100.00000	0.00000	100.80004				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				100.00000	0.00000	102.26177				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				100.00000	0.00000	102.26177				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				100.00000	0.00000	100.86689				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				100.00000	0.00000	100.86605				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				100.00000	0.00000	101.13756				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				100.00000	0.00000	101.13756				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				100.00000	0.00000	101.23801				0.00	0	0
Total TH12D3 SPOT										0.00	0	0
Total For TH12D3										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	101.13257				0.00	0	0
Total TH12D4 SPOT										0.00	0	0
Total For TH12D4										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.71385				0.00	0	0
Total TH13A1 SPOT										0.00	0	0
Total For TH13A1										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.73228				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 TH13A2 SPOT										0.00	0	0
Total For TH13A2										0.00	0	0
TH13A2 On 21/08/2020 Spot Bond				100.00000	0.00000	101.14766				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0
TH13A3 On 21/08/2020 Spot Bond			8.80000	102.10717	8.80000	102.08328				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A4 On 21/08/2018 Spot Bond				100.00000	0.00000	100.71469				0.00	0	0
Total TH13A5 SPOT										0.00	0	0
Total For TH13A5										0.00	0	0
TH13A5 On 21/08/2018 Spot Bond				100.00000	0.00000	101.08325				0.00	0	0
Total TH13A6 SPOT										0.00	0	0
Total For TH13A6										0.00	0	0
TH13A6 On 21/08/2020 Spot Bond				100.00000	0.00000	100.17944				0.00	0	0
Total TH13A7 SPOT										0.00	0	0
Total For TH13A7										0.00	0	0
TH13A7 On 21/08/2020 Spot Bond			8.69000	103.19689	8.69000	103.17305				0.00	0	0
Total TH13A8 SPOT										0.00	0	0
Total For TH13A8										0.00	0	0
TH13A8 On 21/08/2018 Spot Bond				100.00000	0.00000	100.93939				0.00	0	0
Total TH13A9 SPOT										0.00	0	0
Total For TH13A9										0.00	0	0
TH13A9 On 21/08/2020 Spot Bond				100.00000	0.00000	100.79994				0.00	0	0
Total TH13B1 SPOT										0.00	0	0
Total For TH13B1										0.00	0	0
TH13B1 On 21/08/2020 Spot Bond				100.00000	0.00000	100.80078				0.00	0	0
Total TH13B2 SPOT										0.00	0	0
Total For TH13B2										0.00	0	0
TH13B2 On 21/08/2020 Spot Bond				100.00000	0.00000	100.80318				0.00	0	0
Total TH13B3 SPOT										0.00	0	0
Total For TH13B3										0.00	0	0
TH13B3 On 21/08/2020 Spot Bond				100.00000	0.00000	100.78673				0.00	0	0
Total TH13B4 SPOT										0.00	0	0
Total For TH13B4										0.00	0	0
TH13B4 On 21/08/2020 Spot Bond				100.00000	0.00000	100.79744				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 TH13B5 SPOT										0.00	0	0
Total For TH13B5										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.85840				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				100.00000	0.00000	100.86508				0.00	0	0
Total TH13C2 SPOT										0.00	0	0
Total For TH13C2										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.84429				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				100.00000	0.00000	100.86072				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				100.00000	0.00000	100.90429				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				100.00000	0.00000	101.13308				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				100.00000	0.00000	101.13308				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				100.00000	0.00000	101.13015				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				100.00000	0.00000	101.11796				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				100.00000	0.00000	101.14968				0.00	0	0
Total TH13D5 SPOT										0.00	0	0
Total For TH13D5										0.00	0	0
TH14A On 21/11/2017 Spot Bond				100.00000	0.00000	100.66062				0.00	0	0
Total TH14A1 SPOT										0.00	0	0
Total For TH14A1										0.00	0	0
TH14A On 21/11/2019 Spot Bond				100.00000	0.00000	101.04516				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 TH14A2 SPOT										0.00	0	0
Total For TH14A2										0.00	0	0
TH14A2 On 21/11/2021 Spot Bond				100.00000	0.00000	100.77388				0.00	0	0
Total TH14A3 SPOT										0.00	0	0
Total For TH14A3										0.00	0	0
TH14A3 On 21/11/2021 Spot Bond			8.79500	107.84024	8.79500	107.81503				0.00	0	0
Total TH14A4 SPOT										0.00	0	0
Total For TH14A4										0.00	0	0
TH14A4 On 21/02/2018 Spot Bond				100.00000	0.00000	100.67861				0.00	0	0
Total TH14A5 SPOT										0.00	0	0
Total For TH14A5										0.00	0	0
TH14A5 On 21/11/2019 Spot Bond				100.00000	0.00000	101.33770				0.00	0	0
Total TH14A6 SPOT										0.00	0	0
Total For TH14A6										0.00	0	0
TH14A6 On 21/11/2021 Spot Bond				100.00000	0.00000	100.76720				0.00	0	0
Total TH14A7 SPOT										0.00	0	0
Total For TH14A7										0.00	0	0
TH14A7 On 21/11/2021 Spot Bond			8.65500	104.46522	8.65500	105.49125				0.00	0	0
Total TH14A8 SPOT										0.00	0	0
Total For TH14A8										0.00	0	0
TH14A8 On 21/05/2018 Spot Bond				100.00000	0.00000	100.68875				0.00	0	0
Total TH14A9 SPOT										0.00	0	0
Total For TH14A9										0.00	0	0
TH14A9 On 21/11/2021 Spot Bond				100.00000	0.00000	100.82480				0.00	0	0
Total TH14B1 SPOT										0.00	0	0
Total For TH14B1										0.00	0	0
TH14B1 On 21/11/2021 Spot Bond				100.00000	0.00000	100.79976				0.00	0	0
Total TH14B2 SPOT										0.00	0	0
Total For TH14B2										0.00	0	0
TH14B2 On 21/11/2021 Spot Bond				100.00000	0.00000	100.78974				0.00	0	0
Total TH14B3 SPOT										0.00	0	0
Total For TH14B3										0.00	0	0
TH14B3 On 21/11/2021 Spot Bond				100.00000	0.00000	100.86650				0.00	0	0
Total TH14C1 SPOT										0.00	0	0
Total For TH14C1										0.00	0	0
TH14C1 On 21/11/2021 Spot Bond				100.00000	0.00000	100.84982				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 TH14C2 SPOT										0.00	0	0
Total For TH14C2										0.00	0	0
TH14C: On 21/11/2021 Spot Bond				100.00000	0.00000	100.83981				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				100.00000	0.00000	101.11594				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				100.00000	0.00000	101.09852				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				100.00000	0.00000	101.07445				0.00	0	0
Total TH14D3 SPOT										0.00	0	0
Total For TH14D3										0.00	0	0
THE9B: On 18/07/2019 Spot Bond				100.00000	0.00000	101.74076				0.00	0	0
Total THE9B4 SPOT										0.00	0	0
Total For THE9B4										0.00	0	0
THE9C: On 18/07/2019 Spot Bond				100.00000	0.00000	103.95809				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				100.00000	0.00000	102.46470				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			8.40000	98.36107	8.40000	98.30299				0.00	0	0
Total TL20 SPOT										0.00	0	0
Total For TL20										0.00	0	0
TL20/R: On 22/02/2020 Spot Bond			100.00000	26.54869	100.00000	26.49832				0.00	0	0
TL20/R: On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				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	11.65563	100.00000	11.61883				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				100.00000	0.00000	100.40491				0.00	0	0
Total TL22 SPOT										0.00	0	0
Total For TL22										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
TL23 On 05/09/2022 Spot Bond				100.00000	0.00000	100.41590			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			8.88500	101.02657	8.88500	101.00231			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			9.41500	106.43345	9.41500	101.21807			0.00	0	0
Total TL25 SPOT									0.00	0	0
Total For TL25									0.00	0	0
TLC01 On 22/09/2017 Spot Bond				100.00000	0.00000	104.16789			0.00	0	0
Total TLC01 SPOT									0.00	0	0
Total For TLC01									0.00	0	0
TLC02 On 22/03/2018 Spot Bond				100.00000	0.00000	99.97927			0.00	0	0
Total TLC02 SPOT									0.00	0	0
Total For TLC02									0.00	0	0
TN17 On 14/11/2017 Spot Bond			6.71000	103.61544	6.71000	103.59658			0.00	0	12,251,513,839
Total TN17 SPOT									0.00	0	12,251,513,839
Total For TN17									0.00	0	12,251,513,839
TN17/R On 14/11/2017 Spot Bond			100.00000	91.35915	100.00000	91.14111			0.00	0	0
Total TN17/R203 SPOT									0.00	0	0
Total For TN17/R203									0.00	0	0
TN20 On 17/09/2020 Spot Bond			8.53500	105.22726	8.53500	105.20296		805,354,065,000,000.00	94,359,000,000	47,463,900,000	
Total TN20 SPOT								15,354,065,000,000.00	94,359,000,000	47,463,900,000	
Total For TN20								15,354,065,000,000.00	94,359,000,000	47,463,900,000	
TN20/R On 17/09/2020 Spot Bond			100.00000	18.56411	100.00000	18.52257			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	17.97890	100.00000	17.93535			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	16.32345	100.00000	16.26697			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			9.21500	111.34879	9.21500	111.32154		62,774,423,000,000.00	6,812,200,000	4,938,400,000	
Total TN23 SPOT								12,774,423,000,000.00	6,812,200,000	4,938,400,000	
Total For TN23								12,774,423,000,000.00	6,812,200,000	4,938,400,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TN23/R On 06/11/2023 Spot Bond			100.00000	15.29324	100.00000	15.25958			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			10.20000	97.12224	10.20000	97.09599		8,160,000,000,000.00		800,000,000	15,480,000,000
Total TN25 SPOT								8,160,000,000,000.00		800,000,000	15,480,000,000
Total For TN25								8,160,000,000,000.00		800,000,000	15,480,000,000
TN25/R On 19/08/2025 Spot Bond			100.00000	10.38761	100.00000	10.36474			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			10.33500	94.25611	10.33500	94.23030			0.00	0	1,010,000,000
Total TN27 SPOT									0.00	0	1,010,000,000
Total For TN27									0.00	0	1,010,000,000
TN27/R On 14/11/2027 Spot Bond			100.00000	11.90282	100.00000	11.87661			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			11.06500	100.89691	11.06500	100.86723		74,135,500,000,000.00		6,700,000,000	9,300,000,000
Total TN30 SPOT								74,135,500,000,000.00		6,700,000,000	9,300,000,000
Total For TN30								74,135,500,000,000.00		6,700,000,000	9,300,000,000
TN30/R On 09/10/2030 Spot Bond			8.00000	124.77303	8.00000	124.74629			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			11.71000	97.25982	11.71000	97.22959		53,866,000,000,000.00		4,600,000,000	2,800,000,000
Total TN40 SPOT								53,866,000,000,000.00		4,600,000,000	2,800,000,000
Total For TN40								53,866,000,000,000.00		4,600,000,000	2,800,000,000
TN40/R On 09/10/2040 Spot Bond			10.75000	104.86374	10.75000	104.83375			0.00	0	0
Total TN40/R214 SPOT									0.00	0	0
Total For TN40/R214									0.00	0	0
TNF18 On 22/08/2018 Spot Bond				100.00000	0.00000	100.74349			0.00	0	0
Total TNF18 SPOT									0.00	0	0
Total For TNF18									0.00	0	0
TORQ1 On 15/08/2018 Spot Bond				100.00000	0.00000	101.03295			0.00	0	0
Total TORQ10 SPOT									0.00	0	0
Total For TORQ10									0.00	0	0
TORQ3 On 15/04/2022 Spot Bond				100.00000	0.00000	100.49085			0.00	0	0
Total TORQ3 SPOT									0.00	0	0
Total For TORQ3									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
TORQ6 On 15/04/2022 Spot Bond				100.00000	0.00000	101.18194				0.00	0	0
Total TORQ6 SPOT										0.00	0	0
Total For TORQ6										0.00	0	0
TORQ7 On 15/08/2019 Spot Bond				100.00000	0.00000	100.89302				0.00	0	0
Total TORQ7 SPOT										0.00	0	0
Total For TORQ7										0.00	0	0
TORQ8 On 15/08/2018 Spot Bond				100.00000	0.00000	100.91303				0.00	0	0
Total TORQ8 SPOT										0.00	0	0
Total For TORQ8										0.00	0	0
TORQ9 On 15/08/2018 Spot Bond				100.00000	0.00000	100.94303				0.00	0	0
Total TORQ9 SPOT										0.00	0	0
Total For TORQ9										0.00	0	0
TPDA0 On 25/11/2020 Spot Bond			10.00000	111.60600	10.00000	111.57700				0.00	0	0
Total TPDA01/JIBAR SPOT										0.00	0	0
Total For TPDA01/JIBAR										0.00	0	0
TPDA0 On 05/04/2018 Spot Bond				100.00000	0.00000	102.08673				0.00	0	0
Total TPDA03 SPOT										0.00	0	0
Total For TPDA03										0.00	0	0
TPDA0 On 10/04/2019 Spot Bond				100.00000	0.00000	101.96205				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				100.00000	0.00000	100.98345				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			8.75500	104.99387	8.75500	104.96942				0.00	0	0
Total TPDA08 SPOT										0.00	0	0
Total For TPDA08										0.00	0	0
TRA2A On 14/12/2018 Spot Bond				100.00000	0.00000	100.16635				0.00	0	0
Total TRA2A1 SPOT										0.00	0	0
Total For TRA2A1										0.00	0	0
TRA2A On 14/12/2020 Spot Bond				100.00000	0.00000	100.17398				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			8.95000	104.59579	8.95000	104.57076				0.00	0	0
Total TRA2A3 SPOT										0.00	0	0
Total For TRA2A3										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
TRA2A: On 14/12/2018 Spot Bond				100.00000	0.00000	100.16654				0.00	0	0
Total TRA2A4 SPOT										0.00	0	0
Total For TRA2A4										0.00	0	0
TRA2A5: On 14/12/2020 Spot Bond				100.00000	0.00000	100.17398				0.00	0	0
Total TRA2A5 SPOT										0.00	0	0
Total For TRA2A5										0.00	0	0
TRA2A6: On 14/12/2020 Spot Bond			8.75000	105.90148	8.75000	105.19102				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				100.00000	0.00000	100.18616				0.00	0	0
Total TRA2B1 SPOT										0.00	0	0
Total For TRA2B1										0.00	0	0
TRA2B2: On 14/12/2020 Spot Bond				100.00000	0.00000	100.19083				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				100.00000	0.00000	100.21045				0.00	0	0
Total TRA2C1 SPOT										0.00	0	0
Total For TRA2C1										0.00	0	0
TRA2C2: On 14/12/2020 Spot Bond				100.00000	0.00000	100.21791				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				100.00000	0.00000	100.26623				0.00	0	0
Total TRA2D1 SPOT										0.00	0	0
Total For TRA2D1										0.00	0	0
TRA2D2: On 14/12/2020 Spot Bond				100.00000	0.00000	100.26623				0.00	0	0
Total TRA2D2 SPOT										0.00	0	0
Total For TRA2D2										0.00	0	0
TRAA2: On 14/06/2019 Spot Bond				100.00000	0.00000	100.18721				0.00	0	0
Total TRAA2 SPOT										0.00	0	0
Total For TRAA2										0.00	0	0
TRAA4U: On 14/06/2019 Spot Bond			100.00000	27.92155	100.00000	27.85317				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				100.00000	0.00000	100.17598				0.00	0	0
Total TRAB1 SPOT										0.00	0	0
Total For TRAB1										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
TRAB21 On 14/06/2019 Spot Bond			100.00000	28.16333	100.00000	28.09436			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				100.00000	0.00000	100.17692			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	28.36481	100.00000	28.29534			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				100.00000	0.00000	102.10622			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	30.82293	100.00000	30.74745			0.00	0	0
Total TRAD2U SPOT									0.00	0	0
Total For TRAD2U									0.00	0	0
TRAE1 On 14/06/2019 Spot Bond				100.00000	0.00000	102.57821			0.00	0	0
Total TRAE1 SPOT									0.00	0	0
Total For TRAE1									0.00	0	0
TRAE21 On 14/06/2019 Spot Bond			100.00000	33.52284	100.00000	33.44073			0.00	0	0
Total TRAE2U SPOT									0.00	0	0
Total For TRAE2U									0.00	0	0
TSE01L On 31/07/2019 Spot Bond			100.00000	32.25834	100.00000	32.18019			0.00	0	0
Total TSE01U SPOT									0.00	0	0
Total For TSE01U									0.00	0	0
TSE03L On 31/10/2020 Spot Bond			100.00000	17.77852	100.00000	17.73546			0.00	0	0
Total TSE03U SPOT									0.00	0	0
Total For TSE03U									0.00	0	0
TSP22C On 26/10/2017 Spot Bond				100.00000	0.00000	99.25076			0.00	0	0
Total TSP220 SPOT									0.00	0	0
Total For TSP220									0.00	0	0
TSP221 On 26/04/2018 Spot Bond				100.00000	0.00000	95.32783			0.00	0	0
Total TSP221 SPOT									0.00	0	0
Total For TSP221									0.00	0	0
TSP222 On 10/05/2018 Spot Bond				100.00000	0.00000	95.01941			0.00	0	0
Total TSP222 SPOT									0.00	0	0
Total For TSP222									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
TSP222 On 23/11/2017 Spot Bond				100.00000	0.00000	98.65253				0.00	0	0
Total TSP223 SPOT										0.00	0	0
Total For TSP223										0.00	0	0
TSP224 On 24/05/2018 Spot Bond				100.00000	0.00000	94.73181				0.00	0	0
Total TSP224 SPOT										0.00	0	0
Total For TSP224										0.00	0	0
TSP225 On 07/12/2017 Spot Bond				100.00000	0.00000	98.35465				0.00	0	0
Total TSP225 SPOT										0.00	0	0
Total For TSP225										0.00	0	0
TSP226 On 07/06/2018 Spot Bond				100.00000	0.00000	94.47826				0.00	0	0
Total TSP226 SPOT										0.00	0	0
Total For TSP226										0.00	0	0
TSP227 On 21/06/2018 Spot Bond				100.00000	0.00000	94.19281				0.00	0	0
Total TSP227 SPOT										0.00	0	0
Total For TSP227										0.00	0	0
TTO01U On 28/08/2019 Spot Bond			100.00000	31.66602	100.00000	31.58931				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				100.00000	0.00000	101.62790				0.00	0	0
Total TUHF01 SPOT										0.00	0	0
Total For TUHF01										0.00	0	0
TWC23 On 09/10/2017 Spot Bond				100.00000	0.00000	101.63285				0.00	0	0
Total TWC239 SPOT										0.00	0	0
Total For TWC239										0.00	0	0
TWC24 On 13/10/2017 Spot Bond				100.00000	0.00000	101.42817				0.00	0	0
Total TWC240 SPOT										0.00	0	0
Total For TWC240										0.00	0	0
TWC24 On 16/10/2017 Spot Bond				100.00000	0.00000	101.48246				0.00	0	0
Total TWC242 SPOT										0.00	0	0
Total For TWC242										0.00	0	0
TWC24 On 23/10/2017 Spot Bond				100.00000	0.00000	101.22575				0.00	0	0
Total TWC243 SPOT										0.00	0	0
Total For TWC243										0.00	0	0
TWC24 On 26/10/2017 Spot Bond				100.00000	0.00000	101.18419				0.00	0	0
Total TWC244 SPOT										0.00	0	0
Total For TWC244										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
TWC24 On 10/11/2017 Spot Bond				100.00000	0.00000	100.84898				0.00	0	0
Total TWC245 SPOT										0.00	0	0
Total For TWC245										0.00	0	0
TWC24 On 10/11/2017 Spot Bond				100.00000	0.00000	100.72474				0.00	0	0
Total TWC246 SPOT										0.00	0	0
Total For TWC246										0.00	0	0
TWC24 On 14/11/2017 Spot Bond				100.00000	0.00000	100.70403				0.00	0	0
Total TWC247 SPOT										0.00	0	0
Total For TWC247										0.00	0	0
TWC24 On 27/11/2017 Spot Bond				100.00000	0.00000	100.49644				0.00	0	0
Total TWC248 SPOT										0.00	0	0
Total For TWC248										0.00	0	0
TWC24 On 30/11/2017 Spot Bond				100.00000	0.00000	100.43323				0.00	0	0
Total TWC249 SPOT										0.00	0	0
Total For TWC249										0.00	0	0
UG21 On 02/03/2021 Spot Bond			8.75500	106.25828	8.75500	106.23314				0.00	0	0
Total UG21 SPOT										0.00	0	0
Total For UG21										0.00	0	0
UG26 On 09/03/2026 Spot Bond			10.35500	105.69521	10.35500	105.66575				0.00	0	0
Total UG26 SPOT										0.00	0	0
Total For UG26										0.00	0	0
VCJA1U On 20/07/2025 Spot Bond			100.00000	11.75387	100.00000	11.70218				0.00	0	0
Total VCJA1U SPOT										0.00	0	0
Total For VCJA1U										0.00	0	0
VCJB1U On 20/07/2025 Spot Bond			100.00000	11.59021	100.00000	11.53925				0.00	0	0
Total VCJB1U SPOT										0.00	0	0
Total For VCJB1U										0.00	0	0
VCPA1U On 20/07/2025 Spot Bond			100.00000	11.34952	100.00000	11.29961				0.00	0	0
Total VCPA1U SPOT										0.00	0	0
Total For VCPA1U										0.00	0	0
VCPB1U On 20/07/2025 Spot Bond			100.00000	11.13747	100.00000	11.08848				0.00	0	0
Total VCPB1U SPOT										0.00	0	0
Total For VCPB1U										0.00	0	0
VJA03U On 20/10/2023 Spot Bond			100.00000	9.21250	100.00000	9.19018				0.00	0	0
Total VJA03U SPOT										0.00	0	0
Total For VJA03U										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
VJA04L On 20/01/2024 Spot Bond			100.00000	9.62368	100.00000	9.60037			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	10.19741	100.00000	10.17271			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	10.26923	100.00000	10.24435			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	10.31755	100.00000	10.29256			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	10.35465	100.00000	10.32957			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	9.30104	100.00000	9.27200			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	8.98841	100.00000	8.96663			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	9.38052	100.00000	9.35779			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	9.94225	100.00000	9.91817			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	10.08983	100.00000	10.06538			0.00	0	0
Total VJB06U SPOT									0.00	0	0
Total For VJB06U									0.00	0	0
VJB07L On 20/10/2024 Spot Bond			100.00000	10.12132	100.00000	10.09679			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	10.15863	100.00000	10.13403			0.00	0	0
Total VJB08U SPOT									0.00	0	0
Total For VJB08U									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
VJB09L On 20/04/2025 Spot Bond			100.00000	9.12281	100.00000	9.09433			0.00	0	0
Total VJB09U SPOT									0.00	0	0
Total For VJB09U									0.00	0	0
VKC20 On 29/09/2017 Spot Bond				100.00000	0.00000	99.82970			0.00	0	0
Total VKC20 SPOT									0.00	0	0
Total For VKC20									0.00	0	0
VKC21 On 06/03/2018 Spot Bond				100.00000	0.00000	100.31952			0.00	0	0
Total VKC21 SPOT									0.00	0	0
Total For VKC21									0.00	0	0
VKE01L On 01/04/2018 Spot Bond			100.00000	65.74690	100.00000	65.58762			0.00	0	0
Total VKE01U SPOT									0.00	0	0
Total For VKE01U									0.00	0	0
VKE05 On 28/03/2018 Spot Bond				100.00000	0.00000	100.04498			0.00	0	0
Total VKE05 SPOT									0.00	0	0
Total For VKE05									0.00	0	0
VKE06 On 08/05/2018 Spot Bond				100.00000	0.00000	101.03803			0.00	0	0
Total VKE06 SPOT									0.00	0	0
Total For VKE06									0.00	0	0
VKE07 On 08/06/2020 Spot Bond				100.00000	0.00000	100.31602			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				100.00000	0.00000	100.16955			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				100.00000	0.00000	101.82169			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				100.00000	0.00000	101.85354			0.00	0	0
Total VKE10 SPOT									0.00	0	0
Total For VKE10									0.00	0	0
VPA03L On 20/10/2023 Spot Bond			100.00000	10.42093	100.00000	10.39568			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	5.57698	100.00000	5.56347			0.00	0	0
Total VPA04U SPOT									0.00	0	0
Total For VPA04U									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
VPA05L On 20/04/2024 Spot Bond			100.00000	9.99468	100.00000	9.97048				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	10.09134	100.00000	10.06690				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	10.00062	100.00000	9.97640				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	10.00062	100.00000	9.97640				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	9.03808	100.00000	9.00986				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	10.64525	100.00000	10.61947				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	5.33381	100.00000	5.32088				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	9.68128	100.00000	9.65782				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	9.85371	100.00000	9.82984				0.00	0	0
Total VPB06U SPOT										0.00	0	0
Total For VPB06U										0.00	0	0
VPB07L On 20/10/2024 Spot Bond			100.00000	9.75923	100.00000	9.73559				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	9.75982	100.00000	9.73618				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	8.82002	100.00000	8.79249				0.00	0	0
Total VPB09U SPOT										0.00	0	0
Total For VPB09U										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
VRI708 On 29/11/2017 Spot Bond				100.00000	0.00000	100.47260				0.00	0	0
Total VRI708 SPOT										0.00	0	0
Total For VRI708										0.00	0	0
WRS2L On 25/11/2019 Spot Bond			100.00000	22.61005	100.00000	22.55527				0.00	0	0
Total WRS2U SPOT										0.00	0	0
Total For WRS2U										0.00	0	0
WS05 On 01/08/2018 Spot Bond			2.93000	251.31696	2.93000	251.28080				0.00	0	0
Total WS05 SPOT										0.00	0	0
Total For WS05										0.00	0	0
WSP3 On 28/05/2019 Spot Bond			7.38000	105.36171	7.38000	105.34096				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			7.69000	105.96288	7.69000	105.94115				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			8.00500	105.96067	8.00500	105.93807				0.00	0	0
Total WSP5 SPOT										0.00	0	0
Total For WSP5										0.00	0	0
WSP5/R203 On 28/05/2021 Spot Bond			100.00000	16.24195	100.00000	16.20620				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			6.76500	87.41455	6.76500	87.39875				0.00	0	0
Total Z083 SPOT										0.00	0	0
Total For Z083										0.00	0	0
Total for SPOT										2.18e+017	913,257,235,464	564,788,800,314
Total for SPOT :										2.18e+017	913,257,235,464	564,788,800,314
Total Futures										2.18e+017	913,257,248,602	564,789,784,331
Total Options										19,394,716.46	15,005	78,396
Grand Total:										2.18e+017	913,257,263,607	564,789,862,727