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INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 22/06/2017

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 03/08/2017 Bond Future			10.79274	78.06471	10.82418	77.87288			0.00	0	9,466
ES33 On 02/11/2017 Bond Future			10.88647	75.76472	10.91906	75.56883			0.00	0	0
ES33 On 01/02/2018 Bond Future			10.98258	77.23748	11.01625	77.03817			0.00	0	0
Total ES33 Future									0.00	0	9,466
ES33 On 03/08/2017 Bond Future	10.54	Put			1,760.99000	1.76099	1,569,160		0.00	0	0
ES33 On 03/08/2017 Bond Future	10.55	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 03/08/2017 Bond Future	10.55	Put			1,697.98000	1.69798	1,506,150		0.00	0	0
ES33 On 03/08/2017 Bond Future	10.53	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 03/08/2017 Bond Future	10.53	Put			1,824.08000	1.82408	1,632,250		0.00	0	0
ES33 On 03/08/2017 Bond Future	10.54	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.66	Put			1,578.65000	1.57865	1,382,760		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.67	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.67	Put			1,516.79000	1.51679	1,320,900		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.68	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.68	Put			1,455.01000	1.45501	1,259,120		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.66	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.00	Call			0.00000	0.00000	103,220		0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES33 On 01/02/2018 Bond Future	11.00	Put			96.09000	0.09609	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Call			0.00000	0.00000	162,370		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Put			36.94000	0.03694	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Call			0.00000	0.00000	43,990		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Put			155.32000	0.15532	0,000		0.00	0	0
Total ES33 Option									0.00	0	0
Total For ES33									0.00	0	9,466
ES42 On 03/08/2017 Bond Future			10.95206	81.62734	10.98856	81.37411			0.00	0	7,957
ES42 On 02/11/2017 Bond Future			11.04340	78.92558	11.08124	78.66700			0.00	0	0
ES42 On 01/02/2018 Bond Future			11.13391	80.45973	11.17297	80.19663			0.00	0	0
Total ES42 Future									0.00	0	7,957
Total For ES42									0.00	0	7,957
I2025 On 03/08/2017 Bond Future			128.19663	128.19663	128.18992	128.18992			0.00	0	2,414
I2025 On 02/11/2017 Bond Future			130.67604	130.67604	130.66849	130.66849			0.00	0	0
I2025 On 01/02/2018 Bond Future			131.91599	131.91599	131.91036	131.91036			0.00	0	0
Total I2025 Future									0.00	0	2,414
I2025 On 03/08/2017 Bond Future	133.97	Call			0.00000	0.00000	0,000		0.00	0	0
I2025 On 03/08/2017 Bond Future	133.97	Put			5,780.08000	5.78008	5,773,370		0.00	0	0
I2025 On 03/08/2017 Bond Future	133.98	Call			0.00000	0.00000	0,000		0.00	0	0
I2025 On 03/08/2017 Bond Future	133.98	Put			5,790.08000	5.79008	5,783,370		0.00	0	0
I2025 On 03/08/2017 Bond Future	133.96	Call			0.00000	0.00000	0,000		0.00	0	0
I2025 On 03/08/2017 Bond Future	133.96	Put			5,770.08000	5.77008	5,763,370		0.00	0	0
I2025 On 02/11/2017 Bond Future	132.98	Put			2,311.51000	2.31151	2,303,960		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			2,291.51000	2.29151	2,283,960		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			2,301.51000	2.30151	2,293,960		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			1,979.64000	1.97964	1,974,010		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			1,989.64000	1.98964	1,984,010		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			1,969.64000	1.96964	1,964,010		0.00	0	0
Total I2025 Option									0.00	0	0
Total For I2025									0.00	0	2,414
I2029 On 01/02/2018 Bond Future			103.44891	103.44891	103.44472	103.44472			0.00	0	0
Total I2029 Future									0.00	0	0
Total For I2029									0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2033	On	03/08/2017	Bond Future			105.20741	105.20741	105.20214	105.20214			0.00	0	6,534
I2033	On	02/11/2017	Bond Future			106.16562	106.16562	106.15965	106.15965			0.00	0	0
I2033	On	01/02/2018	Bond Future			108.27164	108.27164	108.26705	108.26705			0.00	0	0
Total I2033 Future												0.00	0	6,534
I2033	On	03/08/2017	Bond Future	113.13	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/08/2017	Bond Future	113.13	Put			7,927.86000	7.92786	7,922,590		0.00	0	0
I2033	On	03/08/2017	Bond Future	113.14	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/08/2017	Bond Future	113.14	Put			7,937.86000	7.93786	7,932,590		0.00	0	0
I2033	On	03/08/2017	Bond Future	113.12	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/08/2017	Bond Future	113.12	Put			7,917.86000	7.91786	7,912,590		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.08	Put			3,920.35000	3.92035	3,914,380		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			3,930.35000	3.93035	3,924,380		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			3,910.35000	3.91035	3,904,380		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	109.66	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.66	Put			1,392.95000	1.39295	1,388,360		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			1,372.95000	1.37295	1,368,360		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			1,382.95000	1.38295	1,378,360		0.00	0	0
Total I2033 Option												0.00	0	0
Total For I2033												0.00	0	6,534
I2038	On	03/08/2017	Bond Future			130.61003	130.61003	130.60365	130.60365			0.00	0	22,539
I2038	On	02/11/2017	Bond Future			133.13604	133.13604	133.12878	133.12878			0.00	0	0
I2038	On	01/02/2018	Bond Future			134.25585	134.25585	134.25048	134.25048			0.00	0	0
Total I2038 Future												0.00	0	22,539
I2038	On	03/08/2017	Bond Future	141.16	Put			10,556.35000	10.55635	10,549,970		0.00	0	0
I2038	On	03/08/2017	Bond Future	141.17	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/08/2017	Bond Future	141.17	Put			10,566.35000	10.56635	10,559,970		0.00	0	0
I2038	On	03/08/2017	Bond Future	141.18	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/08/2017	Bond Future	141.18	Put			10,576.35000	10.57635	10,569,970		0.00	0	0
I2038	On	03/08/2017	Bond Future	141.16	Call			0.00000	0.00000	0,000		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			3,681.22000	3.68122	3,673,960		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			3,691.22000	3.69122	3,683,960		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	02/11/2017	Bond Future	136.80	Put			3,671.22000	3.67122	3,663,960		0.00	0	0

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	136.94	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.94	Put			2,689.52000	2.68952	2,684,150		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			2,699.52000	2.69952	2,694,150		0.00	0	0
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			2,679.52000	2.67952	2,674,150		0.00	0	0
Total I2038 Option												0.00	0	0
Total For I2038												0.00	0	22,539
I2046	On	03/08/2017	Bond Future			128.00969	128.00969	128.00320	128.00320			0.00	0	23,901
I2046	On	02/11/2017	Bond Future			128.90207	128.90207	128.89501	128.89501			0.00	0	0
I2046	On	01/02/2018	Bond Future			131.45915	131.45915	131.45388	131.45388			0.00	0	0
Total I2046 Future												0.00	0	23,901
I2046	On	03/08/2017	Bond Future	141.17	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/08/2017	Bond Future	141.17	Put			13,166.80000	13.16680	13,160,310		0.00	0	0
I2046	On	03/08/2017	Bond Future	141.18	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/08/2017	Bond Future	141.18	Put			13,176.80000	13.17680	13,170,310		0.00	0	0
I2046	On	03/08/2017	Bond Future	141.19	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/08/2017	Bond Future	141.19	Put			13,186.80000	13.18680	13,180,310		0.00	0	0
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			7,414.99000	7.41499	7,407,930		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			7,424.99000	7.42499	7,417,930		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			7,404.99000	7.40499	7,397,930		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			1,456.12000	1.45612	1,450,850		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			1,466.12000	1.46612	1,460,850		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			1,446.12000	1.44612	1,440,850		0.00	0	0
Total I2046 Option												0.00	0	0
Total For I2046												0.00	0	23,901
I2050	On	03/08/2017	Bond Future			136.03191	136.03191	136.02543	136.02543			0.00	0	26,059
I2050	On	02/11/2017	Bond Future			138.66293	138.66293	138.65516	138.65516			0.00	0	0
I2050	On	01/02/2018	Bond Future			139.72155	139.72155	139.71589	139.71589			0.00	0	0
Total I2050 Future												0.00	0	26,059
I2050	On	03/08/2017	Bond Future	149.23	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/08/2017	Bond Future	149.23	Put			13,204.57000	13.20457	13,198,090		0.00	0	0
I2050	On	03/08/2017	Bond Future	149.24	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/08/2017	Bond Future	149.24	Put			13,214.57000	13.21457	13,208,090		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2050	On	03/08/2017	Bond Future	149.22	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/08/2017	Bond Future	149.22	Put			13,194.57000	13.19457	13,188,090		0.00	0	0
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			6,004.84000	6.00484	5,997,070		0.00	0	0
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			6,014.84000	6.01484	6,007,070		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			5,994.84000	5.99484	5,987,070		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			524.11000	0.52411	518,450		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			534.11000	0.53411	528,450		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			514.11000	0.51411	508,450		0.00	0	0
Total I2050 Option												0.00	0	0
Total For I2050												0.00	0	26,059
R186	On	03/08/2017	Bond Future			8.58195	113.53440	8.58736	113.49731		7.03	603,775,939.20	5,318	128,791
R186	On	02/11/2017	Bond Future			8.61580	115.70401	8.62154	115.66552		7.28	0.00	0	4
R186	On	01/02/2018	Bond Future			8.64710	112.65034	8.65298	112.61178		7.33	0.00	0	0
Total R186 Future												603,775,939.20	5,318	128,795
R186	On	03/08/2017	Bond Future	8.90	Call			2,481.25000	2.48125	2,500,470	7.27	0.00	0	0
R186	On	03/08/2017	Bond Future	8.90	Put			365.34000	0.36534	347,470	7.27	0.00	0	0
R186	On	03/08/2017	Bond Future	8.75	Call			1,750.85000	1.75085	1,763,460	7.18	0.00	0	0
R186	On	03/08/2017	Bond Future	8.75	Put			643.41000	0.64341	618,930	7.18	0.00	0	3,654
R186	On	03/08/2017	Bond Future	9.50	Call			6,048.97000	6.04897	6,083,940	7.63	0.00	0	0
R186	On	03/08/2017	Bond Future	8.91	Put			350.96000	0.35096	333,520	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	8.65	Call			1,331.73000	1.33173	1,340,100	7.12	0.00	0	0
R186	On	03/08/2017	Bond Future	8.65	Put			903.47000	0.90347	874,750	7.12	0.00	0	2,500
R186	On	03/08/2017	Bond Future	8.80	Call			1,981.81000	1.98181	1,996,640	7.21	0.00	0	0
R186	On	03/08/2017	Bond Future	8.80	Put			536.85000	0.53685	514,590	7.21	0.00	0	7,100
R186	On	03/08/2017	Bond Future	8.92	Put			337.04000	0.33704	320,020	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	9.00	Call			3,022.63000	3.02263	3,045,940	7.33	0.00	0	0
R186	On	03/08/2017	Bond Future	9.00	Put			241.20000	0.24120	227,420	7.33	0.00	0	0
R186	On	03/08/2017	Bond Future	8.93	Call			2,639.71000	2.63971	2,660,200	7.29	0.00	0	0
R186	On	03/08/2017	Bond Future	8.93	Put			323.58000	0.32358	306,980	7.29	0.00	0	0
R186	On	03/08/2017	Bond Future	8.91	Call			2,533.66000	2.53366	2,553,310	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	9.50	Put			19.53000	0.01953	17,410	7.63	0.00	0	6,500
R186	On	03/08/2017	Bond Future	9.35	Call			5,113.47000	5.11347	5,146,480	7.54	0.00	0	0
R186	On	03/08/2017	Bond Future	9.35	Put			44.69000	0.04469	40,610	7.54	0.00	0	750
R186	On	03/08/2017	Bond Future	8.85	Call			2,225.66000	2.22566	2,242,710	7.24	0.00	0	0

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	03/08/2017	Bond Future	8.85	Put			444.55000	0.44455	424,510	7.24	0.00	0	750
R186	On	03/08/2017	Bond Future	8.92	Call			2,586.48000	2.58648	2,606,550	7.28	0.00	0	0
R186	On	02/11/2017	Bond Future	9.00	Put			1,074.22000	1.07422	1,055,450	7.56	0.00	0	5,000
R186	On	02/11/2017	Bond Future	8.89	Call			3,090.55000	3.09055	3,108,010	7.50	0.00	0	0
R186	On	02/11/2017	Bond Future	8.89	Put			1,309.76000	1.30976	1,288,730	7.50	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Call			3,133.28000	3.13328	3,150,940	7.50	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Put			1,286.89000	1.28689	1,266,060	7.50	0.00	0	0
R186	On	02/11/2017	Bond Future	8.88	Call			3,048.36000	3.04836	3,065,610	7.49	0.00	0	0
R186	On	02/11/2017	Bond Future	8.88	Put			1,333.22000	1.33322	1,311,980	7.49	0.00	0	0
R186	On	02/11/2017	Bond Future	9.00	Call			3,573.78000	3.57378	3,593,500	7.56	0.00	0	0
R186	On	01/02/2018	Bond Future	8.97	Call			3,808.10000	3.80810	3,826,900	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.97	Put			1,755.40000	1.75540	1,735,640	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Call			3,849.19000	3.84919	3,868,150	7.61	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Put			1,732.55000	1.73255	1,712,950	7.61	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Call			3,767.21000	3.76721	3,785,860	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Put			1,778.49000	1.77849	1,758,580	7.60	0.00	0	0
Total R186 Option												0.00	0	26,254
Total For R186												603,775,939.20	5,318	155,049
R197	On	03/08/2017	Bond Future			296.47543	296.47543	296.46052	296.46052			0.00	0	2,350
R197	On	02/11/2017	Bond Future			302.20924	302.20924	302.19240	302.19240			0.00	0	0
R197	On	01/02/2018	Bond Future			301.15050	301.15050	301.13805	301.13805			0.00	0	0
Total R197 Future												0.00	0	2,350
R197	On	03/08/2017	Bond Future	308.06	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/08/2017	Bond Future	308.06	Put			11,599.48000	11.59948	11,584,570		0.00	0	0
R197	On	03/08/2017	Bond Future	308.07	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/08/2017	Bond Future	308.07	Put			11,609.48000	11.60948	11,594,570		0.00	0	0
R197	On	03/08/2017	Bond Future	308.05	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/08/2017	Bond Future	308.05	Put			11,589.48000	11.58948	11,574,570		0.00	0	0
R197	On	02/11/2017	Bond Future	305.16	Put			2,967.60000	2.96760	2,950,760		0.00	0	0
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			2,977.60000	2.97760	2,960,760		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			2,957.60000	2.95760	2,940,760		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	01/02/2018	Bond Future	301.68	Put			541.95000	0.54195	529,500		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			521.95000	0.52195	509,500		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			531.95000	0.53195	519,500		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	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
Total R197 Option									0.00	0	0
Total For R197									0.00	0	2,350
R202 On 03/08/2017 Bond Future			241.94968	241.94968	241.93771	241.93771			0.00	0	30,532
R202 On 02/11/2017 Bond Future			246.62901	246.62901	246.61553	246.61553			0.00	0	0
R202 On 01/02/2018 Bond Future			247.77483	247.77483	247.76470	247.76470			0.00	0	0
Total R202 Future									0.00	0	30,532
R202 On 03/08/2017 Bond Future	258.36	Put			16,422.29000	16.42229	16,410,320		0.00	0	0
R202 On 03/08/2017 Bond Future	258.37	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 03/08/2017 Bond Future	258.37	Put			16,432.29000	16.43229	16,420,320		0.00	0	0
R202 On 03/08/2017 Bond Future	258.35	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 03/08/2017 Bond Future	258.35	Put			16,412.29000	16.41229	16,400,320		0.00	0	0
R202 On 03/08/2017 Bond Future	258.36	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 02/11/2017 Bond Future	253.90	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 02/11/2017 Bond Future	253.90	Put			7,284.47000	7.28447	7,270,990		0.00	0	0
R202 On 02/11/2017 Bond Future	253.91	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 02/11/2017 Bond Future	253.91	Put			7,294.47000	7.29447	7,280,990		0.00	0	0
R202 On 02/11/2017 Bond Future	253.89	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 02/11/2017 Bond Future	253.89	Put			7,274.47000	7.27447	7,260,990		0.00	0	0
R202 On 01/02/2018 Bond Future	249.07	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 01/02/2018 Bond Future	249.07	Put			1,305.30000	1.30530	1,295,170		0.00	0	0
R202 On 01/02/2018 Bond Future	249.08	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 01/02/2018 Bond Future	249.08	Put			1,315.30000	1.31530	1,305,170		0.00	0	0
R202 On 01/02/2018 Bond Future	249.06	Call			0.00000	0.00000	0,000		0.00	0	0
R202 On 01/02/2018 Bond Future	249.06	Put			1,295.30000	1.29530	1,285,170		0.00	0	0
Total R202 Option									0.00	0	0
Total For R202									0.00	0	30,532
R2023 On 03/08/2017 Bond Future			7.97743	102.37645	8.00828	102.24093		4.68	0.00	0	38,317
R2023 On 02/11/2017 Bond Future			7.99306	100.40247	8.02583	100.26379		4.40	0.00	0	0
R2023 On 01/02/2018 Bond Future			8.00438	102.35412	8.03900	102.21334		4.41	0.00	0	0
Total R2023 Future									0.00	0	38,317
R2023 On 03/08/2017 Bond Future	8.59	Call			2,564.84000	2.56484	2,689,510	4.89	0.00	0	0
R2023 On 03/08/2017 Bond Future	8.59	Put			51.74000	0.05174	40,890	4.89	0.00	0	0
R2023 On 03/08/2017 Bond Future	8.60	Call			2,604.61000	2.60461	2,729,760	4.90	0.00	0	0
R2023 On 03/08/2017 Bond Future	8.60	Put			49.00000	0.04900	38,630	4.90	0.00	0	0
R2023 On 03/08/2017 Bond Future	8.58	Call			2,525.22000	2.52522	2,649,380	4.89	0.00	0	0
R2023 On 03/08/2017 Bond Future	8.58	Put			54.66000	0.05466	43,300	4.89	0.00	0	0
R2023 On 02/11/2017 Bond Future	8.57	Call			2,584.93000	2.58493	2,693,910	4.58	0.00	0	0
R2023 On 02/11/2017 Bond Future	8.57	Put			316.52000	0.31652	286,820	4.58	0.00	0	0
R2023 On 02/11/2017 Bond Future	8.58	Call			2,617.87000	2.61787	2,727,440	4.58	0.00	0	0
R2023 On 02/11/2017 Bond Future	8.58	Put			308.37000	0.30837	279,260	4.58	0.00	0	0

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	02/11/2017	Bond Future	8.56	Call			2,551.98000	2.55198	2,660,370	4.58	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.56	Put			324.67000	0.32467	294,380	4.58	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Call			2,073.27000	2.07327	2,160,030	4.51	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Put			939.64000	0.93964	885,620	4.51	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Call			2,098.66000	2.09866	2,186,020	4.51	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Put			924.98000	0.92498	871,560	4.51	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.31	Call			2,047.72000	2.04772	2,133,890	4.51	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.31	Put			954.16000	0.95416	899,550	4.51	0.00	0	0
Total R2023 Option												0.00	0	0
Total For R2023												0.00	0	38,317
R2030	On	03/08/2017	Bond Future			9.15370	91.69184	9.17454	91.54788			0.00	0	42,791
R2030	On	02/11/2017	Bond Future			9.19758	93.44403	9.21920	93.29679			0.00	0	0
R2030	On	01/02/2018	Bond Future			9.24010	91.25532	9.26239	91.10577			0.00	0	0
Total R2030 Future												0.00	0	42,791
R2030	On	03/08/2017	Bond Future	9.34	Call			1,131.98000	1.13198	1,275,940		0.00	0	0
R2030	On	03/08/2017	Bond Future	9.34	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/08/2017	Bond Future	9.35	Call			1,199.77000	1.19977	1,343,730		0.00	0	0
R2030	On	03/08/2017	Bond Future	9.35	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/08/2017	Bond Future	9.33	Call			1,064.11000	1.06411	1,208,070		0.00	0	0
R2030	On	03/08/2017	Bond Future	9.33	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.34	Call			816.71000	0.81671	963,950		0.00	0	0
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			883.87000	0.88387	1,031,110		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			950.95000	0.95095	1,098,190		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	01/02/2018	Bond Future	9.39	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	01/02/2018	Bond Future	9.37	Call			717.29000	0.71729	866,840		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			783.55000	0.78355	933,100		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			849.75000	0.84975	999,300		0.00	0	0
Total R2030 Option												0.00	0	0
Total For R2030												0.00	0	42,791
R2032	On	03/08/2017	Bond Future			9.35374	94.20447	9.36947	94.08830		10.03	0.00	0	26,589
R2032	On	02/11/2017	Bond Future			9.40348	91.84672	9.41980	91.72777		11.08	0.00	0	0
R2032	On	01/02/2018	Bond Future			9.45182	93.63206	9.46860	93.51134		10.56	0.00	0	0
Total R2032 Future												0.00	0	26,589
R2032	On	03/08/2017	Bond Future	9.44	Call			1,583.57000	1.58357	1,635,530	10.18	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.44	Put			1,065.27000	1.06527	1,001,060	10.18	0.00	0	0

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	03/08/2017	Bond Future	9.45	Call			1,625.56000	1.62556	1,678,600	10.19	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.45	Put			1,034.12000	1.03412	970,990	10.19	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.43	Call			1,542.17000	1.54217	1,593,060	10.17	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.43	Put			1,097.10000	1.09710	1,031,820	10.17	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.49	Call			2,754.71000	2.75471	2,810,830	11.27	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.49	Put			2,245.58000	2.24558	2,182,750	11.27	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.50	Call			2,794.10000	2.79410	2,850,770	11.28	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.50	Put			2,212.77000	2.21277	2,150,490	11.28	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Call			2,715.61000	2.71561	2,771,180	11.26	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Put			2,278.75000	2.27875	2,215,370	11.26	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.56	Call			3,488.28000	3.48828	3,548,030	10.80	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.56	Put			2,834.73000	2.83473	2,773,760	10.80	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Call			3,527.42000	3.52742	3,587,610	10.81	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Put			2,802.77000	2.80277	2,742,240	10.81	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Call			3,449.35000	3.44935	3,508,670	10.79	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Put			2,866.98000	2.86698	2,805,580	10.79	0.00	0	0
Total R2032 Option												0.00	0	0
Total For R2032												0.00	0	26,589
R2035	On	03/08/2017	Bond Future			9.59520	97.81284	9.63126	97.52415			0.00	0	10,528
R2035	On	02/11/2017	Bond Future			9.65019	95.18111	9.68745	94.88643			0.00	0	0
R2035	On	01/02/2018	Bond Future			9.70514	97.03132	9.74354	96.73141			0.00	0	0
Total R2035 Future												0.00	0	10,528
R2035	On	03/08/2017	Bond Future	9.52	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.52	Put			895.10000	0.89510	606,410		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.50	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.50	Put			1,057.37000	1.05737	768,680		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.51	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.51	Put			976.18000	0.97618	687,490		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Put			693.87000	0.69387	399,190		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Put			614.13000	0.61413	319,450		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Put			773.71000	0.77371	479,030		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.73	Put			105.58000	0.10558	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Call			0.00000	0.00000	272,330		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Put			27.58000	0.02758	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Call			50.32000	0.05032	350,230		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.73	Call			0.00000	0.00000	194,330		0.00	0	0

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 Option										0.00	0	0
Total For R2035										0.00	0	10,528
R2037 On 03/08/2017 Bond Future			9.70729	89.70637	9.74342	89.41943		11.95		0.00	0	66,825
R2037 On 02/11/2017 Bond Future			9.75958	91.42055	9.79685	91.12772		12.71		0.00	0	233
R2037 On 01/02/2018 Bond Future			9.81123	88.94223	9.84959	88.64419		12.68		0.00	0	0
Total R2037 Future										0.00	0	67,058
R2037 On 03/08/2017 Bond Future	9.57	Put			2,280.19000	2.28019	2,084,680	12.01		0.00	0	0
R2037 On 03/08/2017 Bond Future	9.58	Call			919.25000	0.91925	1,012,970	12.02		0.00	0	0
R2037 On 03/08/2017 Bond Future	9.58	Put			2,228.67000	2.22867	2,035,450	12.02		0.00	0	0
R2037 On 03/08/2017 Bond Future	9.56	Call			860.83000	0.86083	949,990	12.01		0.00	0	0
R2037 On 03/08/2017 Bond Future	9.56	Put			2,332.56000	2.33256	2,134,780	12.01		0.00	0	0
R2037 On 03/08/2017 Bond Future	9.57	Call			889.67000	0.88967	981,100	12.01		0.00	0	0
R2037 On 02/11/2017 Bond Future	9.66	Call			2,338.20000	2.33820	2,463,280	12.85		0.00	0	0
R2037 On 02/11/2017 Bond Future	9.66	Put			3,420.84000	3.42084	3,253,090	12.85		0.00	0	0
R2037 On 02/11/2017 Bond Future	9.67	Call			2,374.22000	2.37422	2,500,590	12.86		0.00	0	0
R2037 On 02/11/2017 Bond Future	9.67	Put			3,377.06000	3.37706	3,210,600	12.86		0.00	0	0
R2037 On 02/11/2017 Bond Future	9.65	Call			2,302.49000	2.30249	2,426,280	12.84		0.00	0	0
R2037 On 02/11/2017 Bond Future	9.65	Put			3,465.05000	3.46505	3,296,010	12.84		0.00	0	0
R2037 On 01/02/2018 Bond Future	9.81	Put			3,757.06000	3.75706	3,603,990	12.95		0.00	0	0
R2037 On 01/02/2018 Bond Future	9.82	Call			3,488.36000	3.48836	3,634,350	12.96		0.00	0	0
R2037 On 01/02/2018 Bond Future	9.82	Put			3,718.13000	3.71813	3,566,080	12.96		0.00	0	0
R2037 On 01/02/2018 Bond Future	9.83	Call			3,527.50000	3.52750	3,674,510	12.97		0.00	0	0
R2037 On 01/02/2018 Bond Future	9.83	Put			3,679.52000	3.67952	3,528,490	12.97		0.00	0	0
R2037 On 01/02/2018 Bond Future	9.81	Call			3,449.43000	3.44943	3,594,400	12.95		0.00	0	0
Total R2037 Option										0.00	0	0
Total For R2037										0.00	0	67,058
R204 On 03/08/2017 Bond Future			7.41191	101.78749	7.41109	101.78854		0.97		53,336,644.76	524	42,124
R204 On 02/11/2017 Bond Future			7.33064	103.73257	7.33018	103.73306		0.50		0.00	0	0
R204 On 01/02/2018 Bond Future			7.16947	101.70879	7.16814	101.70990		0.68		0.00	0	0
Total R204 Future										53,336,644.76	524	42,124
R204 On 03/08/2017 Bond Future	7.76	Call			466.29000	0.46629	464,580	1.03		0.00	0	0
R204 On 03/08/2017 Bond Future	7.76	Put			18.32000	0.01832	17,660	1.03		0.00	0	0
R204 On 03/08/2017 Bond Future	7.77	Call			477.82000	0.47782	476,140	1.03		0.00	0	0
R204 On 03/08/2017 Bond Future	7.77	Put			17.06000	0.01706	16,430	1.03		0.00	0	0
R204 On 03/08/2017 Bond Future	7.75	Call			454.83000	0.45483	453,100	1.03		0.00	0	0
R204 On 03/08/2017 Bond Future	7.75	Put			19.66000	0.01966	18,980	1.03		0.00	0	0
R204 On 02/11/2017 Bond Future	7.75	Call			461.36000	0.46136	460,690	0.55		0.00	0	0
R204 On 02/11/2017 Bond Future	7.75	Put			16.01000	0.01601	15,830	0.55		0.00	0	0
R204 On 02/11/2017 Bond Future	7.76	Call			470.91000	0.47091	470,250	0.55		0.00	0	0
R204 On 02/11/2017 Bond Future	7.76	Put			14.99000	0.01499	14,820	0.55		0.00	0	0

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	7.74	Call			451.73000	0.45173	451,060	0.55	0.00	0	0
R204	On	02/11/2017	Bond Future	7.74	Put			16.96000	0.01696	16,780	0.55	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Put			184.07000	0.18407	184,090	0.68	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Call			257.42000	0.25742	256,320	0.68	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Put			180.64000	0.18064	180,650	0.68	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Call			262.39000	0.26239	261,290	0.68	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Put			177.26000	0.17726	177,270	0.68	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Call			252.49000	0.25249	251,400	0.68	0.00	0	0
Total R204 Option												0.00	0	0
Total For R204												53,336,644.76	524	42,124
R2040	On	03/08/2017	Bond Future			9.75205	93.38654	9.78816	93.07881		12.55	0.00	0	13,856
R2040	On	02/11/2017	Bond Future			9.80392	95.17107	9.84117	94.85688		13.36	0.00	0	0
R2040	On	01/02/2018	Bond Future			9.85517	92.51533	9.89349	92.19557		13.33	0.00	0	0
Total R2040 Future												0.00	0	13,856
R2040	On	03/08/2017	Bond Future	9.61	Put			2,506.77000	2.50677	2,296,460	12.65	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.62	Call			1,003.72000	1.00372	1,103,540	12.66	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.62	Put			2,451.09000	2.45109	2,243,180	12.66	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.63	Call			1,036.03000	1.03603	1,138,270	12.67	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.63	Put			2,396.30000	2.39630	2,190,810	12.67	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.61	Call			972.18000	0.97218	1,069,600	12.65	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.65	Put			3,959.88000	3.95988	3,772,630	13.30	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Call			2,365.02000	2.36502	2,493,330	13.31	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Put			3,909.60000	3.90960	3,723,720	13.31	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Call			2,401.30000	2.40130	2,530,980	13.32	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Put			3,859.54000	3.85954	3,675,030	13.32	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.65	Call			2,328.83000	2.32883	2,455,770	13.30	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Call			3,895.08000	3.89508	4,053,630	13.68	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Put			4,007.44000	4.00744	3,846,230	13.68	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Call			3,937.32000	3.93732	4,096,930	13.69	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Put			3,966.37000	3.96637	3,806,220	13.69	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Call			3,853.07000	3.85307	4,010,540	13.67	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Put			4,048.87000	4.04887	3,886,580	13.67	0.00	0	0
Total R2040 Option												0.00	0	0
Total For R2040												0.00	0	13,856
R2044	On	03/08/2017	Bond Future			9.79653	90.35215	9.83769	89.99905		13.16	15,359,865.50	170	23,720
R2044	On	02/11/2017	Bond Future			9.84743	92.07879	9.88986	91.71833		14.05	0.00	0	200
R2044	On	01/02/2018	Bond Future			9.89773	89.48801	9.94135	89.12116		14.00	0.00	0	0
Total R2044 Future												15,359,865.50	170	23,920
R2044	On	03/08/2017	Bond Future	9.62	Put			2,770.19000	2.77019	2,521,820	13.28	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.63	Call			904.90000	0.90490	1,012,300	13.29	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2044	On	03/08/2017	Bond Future	9.63	Put			2,711.07000	2.71107	2,465,370	13.29	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.64	Call			934.84000	0.93484	1,044,920	13.29	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.64	Put			2,652.63000	2.65263	2,409,610	13.29	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.62	Call			875.50000	0.87550	980,230	13.28	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.67	Call			2,278.51000	2.27851	2,422,120	14.00	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.67	Put			4,173.50000	4.17350	3,956,650	14.00	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.68	Call			2,314.06000	2.31406	2,459,220	14.01	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.68	Put			4,121.38000	4.12138	3,906,080	14.01	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.66	Call			2,243.29000	2.24329	2,385,350	14.00	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.66	Put			4,226.09000	4.22609	4,007,690	14.00	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.90	Put			4,130.23000	4.13023	3,943,710	14.14	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.91	Call			3,824.58000	3.82458	4,006,150	14.15	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.91	Put			4,087.98000	4.08798	3,902,700	14.15	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.89	Call			3,741.00000	3.74100	3,920,080	14.14	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.89	Put			4,173.13000	4.17313	3,985,360	14.14	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.90	Call			3,782.54000	3.78254	3,962,870	14.14	0.00	0	0
Total R2044 Option												0.00	0	0
Total For R2044												15,359,865.50	170	23,920
R2048	On	03/08/2017	Bond Future			9.74366	94.17552	9.78472	93.81234		13.05	9,417,552.00	100	78,556
R2048	On	02/11/2017	Bond Future			9.79506	91.53775	9.83739	91.16703		14.59	0.00	0	226
R2048	On	01/02/2018	Bond Future			9.84629	93.31710	9.88982	92.93972		13.87	0.00	0	0
Total R2048 Future												9,417,552.00	100	78,782
R2048	On	03/08/2017	Bond Future	9.57	Call			908.89000	0.90889	1,017,230	13.12	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.57	Put			2,837.16000	2.83716	2,582,320	13.12	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.58	Call			939.45000	0.93945	1,050,550	13.13	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.58	Put			2,776.30000	2.77630	2,524,220	13.13	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.56	Call			879.11000	0.87911	984,720	13.11	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.56	Put			2,898.96000	2.89896	2,641,390	13.11	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.65	Call			2,466.88000	2.46688	2,619,940	14.53	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.65	Put			4,128.80000	4.12880	3,911,140	14.53	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.66	Call			2,504.55000	2.50455	2,659,220	14.54	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.66	Put			4,076.41000	4.07641	3,860,360	14.54	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.64	Call			2,429.54000	2.42954	2,580,990	14.52	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.64	Put			4,181.68000	4.18168	3,962,410	14.52	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.90	Call			4,117.97000	4.11797	4,309,920	14.01	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.90	Put			4,030.12000	4.03012	3,844,690	14.01	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.91	Call			4,162.20000	4.16220	4,355,430	14.02	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.91	Put			3,988.21000	3.98821	3,804,060	14.02	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Call			4,073.94000	4.07394	4,264,630	14.00	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Put			4,072.39000	4.07239	3,885,700	14.00	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
Total R2048 Option										0.00	0	0
Total For R2048										9,417,552.00	100	78,782
R207 On 03/08/2017 Bond Future			7.46213	100.00089	7.49338	99.93267		1.77		0.00	0	45,774
R207 On 02/11/2017 Bond Future			7.42037	101.91186	7.45573	101.84177		1.36		0.00	0	0
R207 On 01/02/2018 Bond Future			7.35288	100.25083	7.39280	100.17997		1.50		0.00	0	0
Total R207 Future										0.00	0	45,774
R207 On 03/08/2017 Bond Future	8.40	Call			1,954.03000	1.95403	2,022,140	1.92		0.00	0	0
R207 On 03/08/2017 Bond Future	8.40	Put			0.26000	0.00026	0,150	1.92		0.00	0	0
R207 On 03/08/2017 Bond Future	8.41	Call			1,975.28000	1.97528	2,043,410	1.93		0.00	0	0
R207 On 03/08/2017 Bond Future	8.41	Put			0.23000	0.00023	0,140	1.93		0.00	0	0
R207 On 03/08/2017 Bond Future	8.39	Call			1,932.78000	1.93278	2,000,880	1.92		0.00	0	0
R207 On 03/08/2017 Bond Future	8.39	Put			0.29000	0.00029	0,170	1.92		0.00	0	0
R207 On 03/08/2017 Bond Future	8.19	Put			2.09000	0.00209	1,380	1.89		0.00	0	0
R207 On 03/08/2017 Bond Future	8.19	Call			1,507.64000	1.50764	1,575,150	1.89		0.00	0	51
R207 On 02/11/2017 Bond Future	8.03	Call			1,177.89000	1.17789	1,240,290	1.50		0.00	0	0
R207 On 02/11/2017 Bond Future	8.03	Put			48.24000	0.04824	40,550	1.50		0.00	0	0
R207 On 02/11/2017 Bond Future	8.04	Call			1,195.43000	1.19543	1,258,090	1.50		0.00	0	0
R207 On 02/11/2017 Bond Future	8.04	Put			46.25000	0.04625	38,820	1.50		0.00	0	0
R207 On 02/11/2017 Bond Future	8.05	Call			1,213.13000	1.21313	1,276,050	1.50		0.00	0	0
R207 On 02/11/2017 Bond Future	8.05	Put			44.43000	0.04443	37,260	1.50		0.00	0	0
R207 On 01/02/2018 Bond Future	7.60	Call			693.73000	0.69373	737,420	1.56		0.00	0	0
R207 On 01/02/2018 Bond Future	7.60	Put			326.97000	0.32697	299,800	1.56		0.00	0	0
R207 On 01/02/2018 Bond Future	7.61	Call			705.24000	0.70524	749,310	1.56		0.00	0	0
R207 On 01/02/2018 Bond Future	7.61	Put			320.83000	0.32083	294,040	1.56		0.00	0	0
R207 On 01/02/2018 Bond Future	7.62	Call			716.84000	0.71684	761,280	1.56		0.00	0	0
R207 On 01/02/2018 Bond Future	7.62	Put			314.78000	0.31478	288,360	1.56		0.00	0	0
Total R207 Option										0.00	0	51
Total For R207										0.00	0	45,825
R208 On 03/08/2017 Bond Future			7.57278	99.80614	7.60367	99.71086		2.87		0.00	0	35,097
R208 On 02/11/2017 Bond Future			7.55879	98.31143	7.59243	98.21378		2.42		0.00	0	0
R208 On 01/02/2018 Bond Future			7.53289	100.22241	7.56929	100.12346		2.50		0.00	0	0
Total R208 Future										0.00	0	35,097
R208 On 03/08/2017 Bond Future	8.30	Call			2,125.88000	2.12588	2,218,910	3.07		0.00	0	0
R208 On 03/08/2017 Bond Future	8.30	Put			8.01000	0.00801	5,760	3.07		0.00	0	0
R208 On 03/08/2017 Bond Future	8.31	Call			2,155.30000	2.15530	2,248,470	3.07		0.00	0	0
R208 On 03/08/2017 Bond Future	8.31	Put			7.43000	0.00743	5,320	3.07		0.00	0	0
R208 On 03/08/2017 Bond Future	8.32	Call			2,184.77000	2.18477	2,278,070	3.08		0.00	0	0
R208 On 03/08/2017 Bond Future	8.32	Put			6.91000	0.00691	4,930	3.08		0.00	0	0
R208 On 02/11/2017 Bond Future	8.19	Put			96.28000	0.09628	83,490	2.56		0.00	0	0
R208 On 02/11/2017 Bond Future	8.20	Call			1,836.17000	1.83617	1,921,400	2.56		0.00	0	0

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	Put			92.90000	0.09290	80,480	2.56	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Call			1,786.25000	1.78625	1,870,730	2.56	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Put			99.76000	0.09976	86,590	2.56	0.00	0	0
R208	On	02/11/2017	Bond Future	8.19	Call			1,811.17000	1.81117	1,896,030	2.56	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Call			1,223.91000	1.22391	1,287,010	2.58	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Put			491.86000	0.49186	456,010	2.58	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Call			1,241.72000	1.24172	1,305,300	2.58	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Put			482.76000	0.48276	447,390	2.58	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Call			1,206.22000	1.20622	1,268,830	2.58	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Put			501.09000	0.50109	464,750	2.58	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												0.00	0	35,097
R209	On	03/08/2017	Bond Future			9.56294	73.63181	9.59383	73.42473		11.86	2,945,272.40	40	74,058
R209	On	02/11/2017	Bond Future			9.61107	71.88895	9.64292	71.67744		13.34	0.00	0	790
R209	On	01/02/2018	Bond Future			9.65787	73.28635	9.69057	73.07118		12.68	0.00	0	0
Total R209 Future												2,945,272.40	40	74,848
R209	On	03/08/2017	Bond Future	9.44	Call			769.09000	0.76909	835,610	12.04	0.00	0	0
R209	On	03/08/2017	Bond Future	9.44	Put			1,809.37000	1.80937	1,668,810	12.04	0.00	0	0
R209	On	03/08/2017	Bond Future	9.45	Call			794.77000	0.79477	862,980	12.05	0.00	0	0
R209	On	03/08/2017	Bond Future	9.45	Put			1,766.74000	1.76674	1,627,870	12.05	0.00	0	0
R209	On	03/08/2017	Bond Future	9.43	Call			743.86000	0.74386	808,690	12.03	0.00	0	0
R209	On	03/08/2017	Bond Future	9.43	Put			1,852.56000	1.85256	1,710,310	12.03	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Call			2,000.98000	2.00098	2,093,090	13.38	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Put			2,687.87000	2.68787	2,568,470	13.38	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Call			1,939.46000	1.93946	2,029,640	13.36	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Put			2,760.98000	2.76098	2,639,650	13.36	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Put			5,205.70000	5.20570	5,038,320	13.04	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Call			747.22000	0.74722	791,350	13.04	0.00	0	4,100
R209	On	02/11/2017	Bond Future	10.00	Call			3,685.19000	3.68519	3,819,680	13.81	0.00	0	0
R209	On	02/11/2017	Bond Future	10.00	Put			1,377.16000	1.37716	1,300,140	13.81	0.00	0	3,360
R209	On	02/11/2017	Bond Future	9.53	Call			1,970.17000	1.97017	2,061,310	13.37	0.00	0	0
R209	On	02/11/2017	Bond Future	9.53	Put			2,724.33000	2.72433	2,603,960	13.37	0.00	0	0
R209	On	02/11/2017	Bond Future	10.60	Call			6,432.14000	6.43214	6,607,920	14.27	0.00	0	0
R209	On	02/11/2017	Bond Future	10.60	Put			494.02000	0.49402	458,290	14.27	0.00	0	1,300
R209	On	02/11/2017	Bond Future	9.75	Call			2,709.59000	2.70959	2,821,720	13.58	0.00	0	0
R209	On	02/11/2017	Bond Future	9.75	Put			2,005.36000	2.00536	1,905,980	13.58	0.00	0	6,500
R209	On	02/11/2017	Bond Future	8.30	Put			9,917.69000	9.91769	9,715,370	12.74	0.00	0	0
R209	On	02/11/2017	Bond Future	8.30	Call			118.80000	0.11880	127,990	12.74	0.00	0	2,800
R209	On	01/02/2018	Bond Future	9.73	Call			3,075.10000	3.07510	3,184,710	12.89	0.00	0	0
R209	On	01/02/2018	Bond Future	9.73	Put			2,816.93000	2.81693	2,711,370	12.89	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R209	On	01/02/2018	Bond Future	9.71	Call			3,006.65000	3.00665	3,114,750	12.87	0.00	0	0
R209	On	01/02/2018	Bond Future	9.71	Put			2,879.25000	2.87925	2,772,180	12.87	0.00	0	0
R209	On	01/02/2018	Bond Future	9.72	Call			3,040.90000	3.04090	3,149,750	12.88	0.00	0	0
R209	On	01/02/2018	Bond Future	9.72	Put			2,848.07000	2.84807	2,741,750	12.88	0.00	0	0
Total R209 Option												0.00	0	18,060
Total For R209												2,945,272.40	40	92,908
R210	On	03/08/2017	Bond Future			186.36942	186.36942	186.36001	186.36001			0.00	0	1,675
R210	On	02/11/2017	Bond Future			187.57366	187.57366	187.56314	187.56314			0.00	0	0
R210	On	01/02/2018	Bond Future			191.29460	191.29460	191.28668	191.28668			0.00	0	0
Total R210 Future												0.00	0	1,675
R210	On	03/08/2017	Bond Future	196.29	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/08/2017	Bond Future	196.29	Put			9,929.99000	9.92999	9,920,580		0.00	0	0
R210	On	03/08/2017	Bond Future	196.30	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/08/2017	Bond Future	196.30	Put			9,939.99000	9.93999	9,930,580		0.00	0	0
R210	On	03/08/2017	Bond Future	196.28	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/08/2017	Bond Future	196.28	Put			9,919.99000	9.91999	9,910,580		0.00	0	0
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			4,506.86000	4.50686	4,496,340		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			4,516.86000	4.51686	4,506,340		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			4,526.86000	4.52686	4,516,340		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	Put			1,083.32000	1.08332	1,075,400		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			1,093.32000	1.09332	1,085,400		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			1,073.32000	1.07332	1,065,400		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	Call			0.00000	0.00000	0,000		0.00	0	0
Total R210 Option												0.00	0	0
Total For R210												0.00	0	1,675
R212	On	03/08/2017	Bond Future			148.76057	148.76057	148.75289	148.75289			0.00	0	4,858
R212	On	02/11/2017	Bond Future			151.63762	151.63762	151.62894	151.62894			0.00	0	0
R212	On	01/02/2018	Bond Future			152.58535	152.58535	152.57893	152.57893			0.00	0	0
Total R212 Future												0.00	0	4,858
R212	On	03/08/2017	Bond Future	153.35	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/08/2017	Bond Future	153.35	Put			4,597.11000	4.59711	4,589,430		0.00	0	0
R212	On	03/08/2017	Bond Future	153.36	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/08/2017	Bond Future	153.36	Put			4,607.11000	4.60711	4,599,430		0.00	0	0
R212	On	03/08/2017	Bond Future	153.34	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/08/2017	Bond Future	153.34	Put			4,587.11000	4.58711	4,579,430		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R212	On	02/11/2017	Bond Future	152.41	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	02/11/2017	Bond Future	152.41	Put			781.06000	0.78106	772,380		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			791.06000	0.79106	782,380		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			771.06000	0.77106	762,380		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			2,131.07000	2.13107	2,124,650		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			2,111.07000	2.11107	2,104,650		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			2,121.07000	2.12107	2,114,650		0.00	0	0
Total R212 Option												0.00	0	0
Total For R212												0.00	0	4,858
R213	On	03/08/2017	Bond Future			9.24666	85.88745	9.26234	85.78233		9.79	94,476,195.00	1,100	56,759
R213	On	02/11/2017	Bond Future			9.29401	83.97875	9.31027	83.87114		10.86	0.00	0	0
R213	On	01/02/2018	Bond Future			9.34092	85.61116	9.35764	85.50195		10.37	0.00	0	0
Total R213 Future												94,476,195.00	1,100	56,759
R213	On	03/08/2017	Bond Future	9.34	Call			1,455.28000	1.45528	1,503,110	10.06	0.00	0	0
R213	On	03/08/2017	Bond Future	9.34	Put			937.39000	0.93739	880,100	10.06	0.00	0	0
R213	On	03/08/2017	Bond Future	9.35	Call			1,493.84000	1.49384	1,542,660	10.07	0.00	0	0
R213	On	03/08/2017	Bond Future	9.35	Put			909.58000	0.90958	853,280	10.07	0.00	0	0
R213	On	03/08/2017	Bond Future	9.33	Call			1,417.26000	1.41726	1,464,120	10.05	0.00	0	0
R213	On	03/08/2017	Bond Future	9.33	Put			965.80000	0.96580	907,540	10.05	0.00	0	0
R213	On	02/11/2017	Bond Future	9.35	Call			2,347.59000	2.34759	2,397,000	10.94	0.00	0	0
R213	On	02/11/2017	Bond Future	9.35	Put			2,085.44000	2.08544	2,027,240	10.94	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Call			2,382.63000	2.38263	2,432,550	10.95	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Put			2,054.68000	2.05468	1,996,990	10.95	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Call			2,312.83000	2.31283	2,361,720	10.93	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Put			2,116.55000	2.11655	2,057,830	10.93	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Call			3,065.06000	3.06506	3,117,940	10.70	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Put			2,659.48000	2.65948	2,603,150	10.70	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Call			3,100.07000	3.10007	3,153,340	10.71	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Put			2,629.71000	2.62971	2,573,770	10.71	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Call			3,030.23000	3.03023	3,082,720	10.69	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Put			2,689.51000	2.68951	2,632,790	10.69	0.00	0	0
Total R213 Option												0.00	0	0
Total For R213												94,476,195.00	1,100	56,759
R214	On	03/08/2017	Bond Future			9.67266	73.57710	9.70861	73.32639		12.54	0.00	0	37,026
R214	On	02/11/2017	Bond Future			9.72192	71.68674	9.75895	71.43078		14.19	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R214	On	01/02/2018	Bond Future			9.77090	73.08020	9.80893	72.81971		13.44	0.00	0	0
Total R214 Future												0.00	0	37,026
R214	On	03/08/2017	Bond Future	9.52	Call			715.80000	0.71580	792,200	12.56	0.00	0	0
R214	On	03/08/2017	Bond Future	9.52	Put			2,047.49000	2.04749	1,873,180	12.56	0.00	0	0
R214	On	03/08/2017	Bond Future	9.53	Call			740.69000	0.74069	819,100	12.57	0.00	0	0
R214	On	03/08/2017	Bond Future	9.53	Put			2,000.75000	2.00075	1,828,450	12.57	0.00	0	0
R214	On	03/08/2017	Bond Future	9.51	Call			691.56000	0.69156	765,960	12.55	0.00	0	0
R214	On	03/08/2017	Bond Future	9.51	Put			2,095.00000	2.09500	1,918,690	12.55	0.00	0	0
R214	On	02/11/2017	Bond Future	9.59	Call			1,938.84000	1.93884	2,044,840	14.28	0.00	0	0
R214	On	02/11/2017	Bond Future	9.59	Put			3,119.08000	3.11908	2,969,120	14.28	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Call			1,969.57000	1.96957	2,076,710	14.29	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Put			3,079.06000	3.07906	2,930,240	14.29	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Call			1,908.55000	1.90855	2,013,410	14.27	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Put			3,159.65000	3.15965	3,008,550	14.27	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Call			3,205.56000	3.20556	3,338,050	13.76	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Put			3,061.91000	3.06191	2,933,910	13.76	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Call			3,240.98000	3.24098	3,374,370	13.77	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Put			3,029.32000	3.02932	2,902,220	13.77	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Call			3,170.31000	3.17031	3,301,900	13.75	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Put			3,094.78000	3.09478	2,965,880	13.75	0.00	0	0
Total R214 Option												0.00	0	0
Total For R214												0.00	0	37,026
Total for Bond												779,311,468.86	7,252	904,914
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

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

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 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
R203 On 15/09/2017 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R203 Future										0.00	0	0
Total For R203										0.00	0	0
R2030 On 31/01/2030 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2030 Future										0.00	0	0
Total For R2030										0.00	0	0
R2032 On 31/03/2032 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2032 Future										0.00	0	0
Total For R2032										0.00	0	0
R2035 On 28/02/2035 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2035 Future										0.00	0	0
Total For R2035										0.00	0	0
R2037 On 31/01/2037 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2037 Future										0.00	0	0
Total For R2037										0.00	0	0
R204 On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204 Future										0.00	0	0
Total For R204										0.00	0	0
R204/R On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204/R203 Future										0.00	0	0
Total For R204/R203										0.00	0	0
R2040 On 06/10/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
R2040 On 31/01/2040 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0

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 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
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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total R210 Future										0.00	0	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 03/08/2017 GOVI			563.81300	563.81300	562.75200	562.75200				0.00	0	406
GOVI On 02/11/2017 GOVI			574.58700	574.58700	573.50300	573.50300				0.00	0	0
GOVI On 01/02/2018 GOVI			585.75600	585.75600	584.65400	584.65400				0.00	0	0
Total GOVI Future										0.00	0	406
GOVI On 03/08/2017 GOVI	561.09	Call			16,620.00000	1.66200	27,230,000			0.00	0	0
GOVI On 03/08/2017 GOVI	561.09	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 03/08/2017 GOVI	561.10	Call			16,520.00000	1.65200	27,130,000			0.00	0	0
GOVI On 03/08/2017 GOVI	561.10	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 03/08/2017 GOVI	561.11	Call			16,420.00000	1.64200	27,030,000			0.00	0	0
GOVI On 03/08/2017 GOVI	561.11	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 02/11/2017 GOVI	572.45	Call			10,530.00000	1.05300	21,370,000			0.00	0	0
GOVI On 02/11/2017 GOVI	572.45	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 02/11/2017 GOVI	572.46	Call			10,430.00000	1.04300	21,270,000			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			10,630.00000	1.06300	21,470,000			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			36,240.00000	3.62400	47,260,000			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			36,140.00000	3.61400	47,160,000			0.00	0	0
GOVI On 01/02/2018 GOVI	581.04	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 01/02/2018 GOVI	581.02	Call			36,340.00000	3.63400	47,360,000		0.00	0	0
GOVI On 01/02/2018 GOVI	581.02	Put			0.00000	0.00000	0,000		0.00	0	0
Total GOVI Option									0.00	0	0
Total For GOVI									0.00	0	406
Total for GOVI									0.00	0	406
AL37 On 03/08/2017 Index Future			546.06400	546.06400	545.44000	545.44000			0.00	0	0
AL37 On 02/11/2017 Index Future			556.49900	556.49900	555.86000	555.86000			0.00	0	0
AL37 On 01/02/2018 Index Future			567.31700	567.31700	566.66900	566.66900			0.00	0	0
Total AL37 Future									0.00	0	0
Total For AL37									0.00	0	0
AL7T On 03/08/2017 Index Future			629.86100	629.86100	629.65300	629.65300			0.00	0	0
AL7T On 02/11/2017 Index Future			641.89700	641.89700	641.68200	641.68200			0.00	0	0
AL7T On 01/02/2018 Index Future			654.37500	654.37500	654.15900	654.15900			0.00	0	0
Total AL7T Future									0.00	0	0
Total For AL7T									0.00	0	0
ALBI On 03/08/2017 Index Future			565.10500	565.10500	564.02700	564.02700			0.00	0	599
ALBI On 02/11/2017 Index Future			575.90400	575.90400	574.80200	574.80200			0.00	0	0
ALBI On 01/02/2018 Index Future			587.09900	587.09900	585.97900	585.97900			0.00	0	0
Total ALBI Future									0.00	0	599
Total For ALBI									0.00	0	599
IGOV On 03/08/2017 Index Future			250.16000	250.16000	250.14700	250.14700			0.00	0	1,296
IGOV On 02/11/2017 Index Future			254.99800	254.99800	254.98400	254.98400			0.00	0	0
IGOV On 01/02/2018 Index Future			260.05600	260.05600	260.04600	260.04600			0.00	0	0
Total IGOV Future									0.00	0	1,296
Total For IGOV									0.00	0	1,296
Total for Index									0.00	0	1,895
JIBAR f On 19/07/2017 Jibar Future			7.28000	92.72000	7.29000	92.71000			0.00	0	0
JIBAR f On 16/08/2017 Jibar Future			7.26000	92.74000	7.26000	92.74000			0.00	0	0
JIBAR f On 20/09/2017 Jibar Future			7.16000	92.84000	7.21000	92.79000			0.00	0	0
JIBAR f On 18/10/2017 Jibar Future			7.13000	92.87000	7.17000	92.83000			0.00	0	0
JIBAR f On 15/11/2017 Jibar Future			7.10000	92.90000	7.13000	92.87000			0.00	0	0
JIBAR f On 20/12/2017 Jibar Future			7.03000	92.97000	7.09000	92.91000			0.00	0	0
JIBAR f On 20/03/2018 Jibar Future			6.90000	93.10000	7.01000	92.99000			0.00	0	2,500
JIBAR f On 20/06/2018 Jibar Future			6.87000	93.13000	6.99000	93.01000			0.00	0	0
JIBAR f On 19/09/2018 Jibar Future			6.91000	93.09000	7.04000	92.96000			0.00	0	0
JIBAR f On 19/12/2018 Jibar Future			6.93000	93.07000	7.09000	92.91000			0.00	0	0
JIBAR f On 20/03/2019 Jibar Future			7.00000	93.00000	7.14000	92.86000			0.00	0	0
JIBAR f On 19/06/2019 Jibar Future			7.05000	92.95000	7.14000	7.14000			0.00	0	0
Total Jibar Future									0.00	0	2,500

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For JIBAR FUTURE										0.00	0	2,500
Total for Jibar										0.00	0	2,500
10Y ST On 17/12/2025		Interest Rate Swap	94.73545	94.73545	94.79207	94.79207				0.00	0	0
10Y ST On 16/03/2026		Interest Rate Swap	91.73248	91.73248	91.80101	91.80101				0.00	0	0
10Y ST On 15/06/2026		Interest Rate Swap	90.47385	90.47385	90.54202	90.54202				0.00	0	0
10Y ST On 21/09/2026		Interest Rate Swap	92.63018	92.63018	92.68297	92.68297				0.00	0	0
10Y ST On 21/12/2026		Interest Rate Swap	96.40822	96.40822	96.43439	96.43439				0.00	0	0
10Y ST On 15/03/2027		Interest Rate Swap	94.98409	94.98409	94.98479	94.98479				0.00	0	0
10Y ST On 21/06/2027		Interest Rate Swap	97.05301	97.05301	97.03421	97.03421				0.00	0	0
10Y ST On 20/09/2027		Interest Rate Swap	100.76177	100.76177	100.73492	100.73492				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	99.61265	99.61265	99.61265	99.61265				0.00	0	0
1Y STN On 21/12/2017		Interest Rate Swap	99.80142	99.80142	99.81952	99.81952				0.00	0	0
1Y STN On 15/03/2018		Interest Rate Swap	99.73444	99.73444	99.74720	99.74720				0.00	0	0
1Y STN On 21/06/2018		Interest Rate Swap	99.86618	99.86618	99.87788	99.87788				0.00	0	0
1Y STN On 20/09/2018		Interest Rate Swap	99.99603	99.99603	100.00342	100.00342				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	99.82791	99.82791	99.84524	99.84524				0.00	0	0
2Y STN On 16/03/2018		Interest Rate Swap	99.01399	99.01399	99.02889	99.02889				0.00	0	0
2Y STN On 15/06/2018		Interest Rate Swap	98.55427	98.55427	98.56221	98.56221				0.00	0	0
2Y STN On 21/09/2018		Interest Rate Swap	98.46543	98.46543	98.47339	98.47339				0.00	0	0
2Y STN On 21/12/2018		Interest Rate Swap	98.83000	98.83000	98.83000	98.83000				0.00	0	0
2Y STN On 15/03/2019		Interest Rate Swap	99.19853	99.19853	99.19938	99.19938				0.00	0	0
2Y STN On 21/06/2019		Interest Rate Swap	99.58002	99.58002	99.57571	99.57571				0.00	0	0
2Y STN On 20/09/2019		Interest Rate Swap	99.97914	99.97914	99.97208	99.97208				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	96.13243	96.13243	96.13988	96.13988				0.00	0	0
5Y STN On 16/03/2021		Interest Rate Swap	95.35177	95.35177	95.36381	95.36381				0.00	0	0
5Y STN On 15/06/2021		Interest Rate Swap	94.53958	94.53958	94.55187	94.55187				0.00	0	0
5Y STN On 21/09/2021		Interest Rate Swap	94.69724	94.69724	94.70804	94.70804				0.00	0	0
5Y STN On 21/12/2021		Interest Rate Swap	96.86120	96.86120	96.86679	96.86679				0.00	0	51
5Y STN On 15/03/2022		Interest Rate Swap	96.96957	96.96957	96.97036	96.97036				0.00	0	0
5Y STN On 21/06/2022		Interest Rate Swap	98.14045	98.14045	98.14269	98.14269				0.00	0	0
5Y STN On 20/09/2022		Interest Rate Swap	100.31842	100.31842	100.32874	100.32874				0.00	0	0
Total 5Y STND Future										0.00	0	51
Total For 5Y STND										0.00	0	51

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 Interest Rate Swap									0.00	0	51
Total for Derivatives :									779,311,468.86	7,252	909,766
AA05 On 22/03/2019 Spot Bond			9.33000	102.32292	9.33000	102.29758			0.00	0	400,000,000
Total AA05 SPOT									0.00	0	400,000,000
Total For AA05									0.00	0	400,000,000
AA06 On 15/04/2021 Spot Bond				100.00000	0.00000	99.05022			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	14.38595	100.00000	14.35072			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			9.70500	101.19588	9.70500	101.16968			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	108.28900	10.00000	108.26100			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	101.12289			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	100.98038			0.00	400,000,000	300,000,000
Total AB011 SPOT									0.00	400,000,000	300,000,000
Total For AB011									0.00	400,000,000	300,000,000
AB013 On 21/11/2018 Spot Bond			9.43000	99.36256	9.43000	99.33769			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	23.69153	100.00000	23.63414			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	101.11421	10.84000	101.08522			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	19.74744	100.00000	19.69960			0.00	0	0
Total AB016U SPOT									0.00	0	0
Total For AB016U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
AB017L On 05/02/2020 Spot Bond			100.00000	24.66817	100.00000	24.61298			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	103.50159	11.37000	103.47050			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	15.60552	100.00000	15.56772			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	100.76196	11.81000	100.73009			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	11.37423	100.00000	11.34668			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	16.39908	100.00000	16.35935			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	19.07269	100.00000	19.04290			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	14.63478	100.00000	14.59933			0.00	0	0
Total AB025U SPOT									0.00	0	0
Total For AB025U									0.00	0	0
AB026L On 20/08/2021 Spot Bond			100.00000	18.65496	100.00000	18.61321			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	13.67662	100.00000	13.64955			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	13.51115	100.00000	13.47842			0.00	0	0
Total AB029U SPOT									0.00	0	0
Total For AB029U									0.00	0	0
ABC12: On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100			0.00	0	0
Total ABC1234/R2022 SPOT									0.00	0	0
Total For ABC1234/R2022									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABCPI3 On 07/12/2023 Spot Bond			4.51000	105.78166	4.51000	262.54359			4,419,800,000,000.00	980,000,000	490,000,000
Total ABCPI3 SPOT									4,419,800,000,000.00	980,000,000	490,000,000
Total For ABCPI3									4,419,800,000,000.00	980,000,000	490,000,000
ABF19L On 21/04/2022 Spot Bond			100.00000	11.36005	100.00000	11.32419			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	100.51217			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	101.35721			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	100.17690			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	101.00198			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	101.51363			0.00	0	0
Total ABFN12 SPOT									0.00	0	0
Total For ABFN12									0.00	0	0
ABFN13 On 14/05/2020 Spot Bond				100.00000	0.00000	101.74349			0.00	0	0
Total ABFN13 SPOT									0.00	0	0
Total For ABFN13									0.00	0	0
ABFN14 On 14/05/2022 Spot Bond				100.00000	0.00000	101.05377			0.00	0	0
Total ABFN14 SPOT									0.00	0	0
Total For ABFN14									0.00	0	0
ABFN15 On 11/11/2020 Spot Bond				100.00000	0.00000	101.48850			0.00	0	0
Total ABFN15 SPOT									0.00	0	0
Total For ABFN15									0.00	0	0
ABFN16 On 11/11/2022 Spot Bond				100.00000	0.00000	101.36135			0.00	0	500,000,000
Total ABFN16 SPOT									0.00	0	500,000,000
Total For ABFN16									0.00	0	500,000,000
ABFN17 On 17/05/2019 Spot Bond				100.00000	0.00000	101.23358			0.00	0	0
Total ABFN17 SPOT									0.00	0	0
Total For ABFN17									0.00	0	0

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 26/09/2023 Spot Bond				100.00000	0.00000	99.99981				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	100.65023				0.00	0	0
Total ABFN20 SPOT										0.00	0	0
Total For ABFN20										0.00	0	0
ABFN2: On 30/05/2022 Spot Bond				100.00000	0.00000	100.67198				0.00	200,000,000	50,000,000
Total ABFN21 SPOT										0.00	200,000,000	50,000,000
Total For ABFN21										0.00	200,000,000	50,000,000
ABFN2: On 30/05/2024 Spot Bond				100.00000	0.00000	100.69009				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	100.83665				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			11.43000	101.12777	11.43000	101.61718				0.00	0	0
Total ABK1 SPOT										0.00	0	0
Total For ABK1										0.00	0	0
ABK10 On 14/02/2020 Spot Bond				100.00000	0.00000	98.12608				0.00	0	0
Total ABK10 SPOT										0.00	0	0
Total For ABK10										0.00	0	0
ABK11 On 20/05/2019 Spot Bond				100.00000	0.00000	99.38103				0.00	0	0
Total ABK11 SPOT										0.00	0	0
Total For ABK11										0.00	0	0
ABK12 On 20/05/2022 Spot Bond				100.00000	0.00000	101.09923				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			10.38000	101.51479	10.38000	100.08821				0.00	0	540,000,000
Total ABK2 SPOT										0.00	0	540,000,000
Total For ABK2										0.00	0	540,000,000
ABK3 On 07/11/2018 Spot Bond				100.00000	0.00000	100.35738				0.00	0	414,527,400
Total ABK3 SPOT										0.00	0	414,527,400
Total For ABK3										0.00	0	414,527,400
ABK3/J On 07/11/2018 Spot Bond			100.00000	44.99556	100.00000	44.88656				0.00	0	0
Total ABK3/JIBAR SPOT										0.00	0	0
Total For ABK3/JIBAR										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABK4 On 24/05/2018 Spot Bond				100.00000	0.00000	100.04652			0.00	0	0
Total ABK4 SPOT									0.00	0	0
Total For ABK4									0.00	0	0
ABK4/J On 24/05/2018 Spot Bond			100.00000	60.79899	100.00000	60.65170			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	99.61016			0.00	0	0
Total ABK5 SPOT									0.00	0	0
Total For ABK5									0.00	0	0
ABK5/J On 31/10/2018 Spot Bond			100.00000	45.22431	100.00000	45.11475			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	100.57178			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	96.42946			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	93.86469			0.00	0	0
Total ABK8 SPOT									0.00	0	0
Total For ABK8									0.00	0	0
ABK9 On 18/11/2019 Spot Bond				100.00000	0.00000	96.82915			0.00	0	0
Total ABK9 SPOT									0.00	0	0
Total For ABK9									0.00	0	0
ABKI01 On 07/11/2018 Spot Bond			6.44500	146.45993	6.44500	146.54267			0.00	0	0
Total ABKI01 SPOT									0.00	0	0
Total For ABKI01									0.00	0	0
ABKI02 On 05/06/2020 Spot Bond			6.44500	103.19823	6.44500	128.94098			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	14.60991	100.00000	14.58411			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			7.70500	92.09588	7.70500	107.94294			0.00	0	0
Total ABKI03 SPOT									0.00	0	0
Total For ABKI03									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABKI03 On 13/10/2021 Spot Bond			100.00000	6.74789	100.00000	6.73599				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			8.46000	95.93851	8.46000	109.11407				0.00	0	0
Total ABKI04 SPOT										0.00	0	0
Total For ABKI04										0.00	0	0
ABKI04 On 13/03/2024 Spot Bond			100.00000	8.36492	100.00000	8.34487				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	85.67045				0.00	2,114,763,800	1,114,763,800
Total ABKS1 SPOT										0.00	2,114,763,800	1,114,763,800
Total For ABKS1										0.00	2,114,763,800	1,114,763,800
ABN05 On 18/04/2021 Spot Bond			3.71000	183.85343	3.71000	183.79900				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			8.44625	95.31488	8.44625	95.28515				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			8.44625	95.31488	8.44625	95.28515				0.00	0	0
Total ABN34 SPOT										0.00	0	0
Total For ABN34										0.00	0	0
ABN55 On 27/06/2017 Spot Bond				100.00000	0.00000	99.97806				0.00	0	0
Total ABN55 SPOT										0.00	0	0
Total For ABN55										0.00	0	0
ABN58 On 16/07/2017 Spot Bond				100.00000	0.00000	101.74434				0.00	0	0
Total ABN58 SPOT										0.00	0	0
Total For ABN58										0.00	0	0
ABN61 On 31/01/2025 Spot Bond			3.43000	91.32166	3.43000	120.21679				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			3.18000	95.37254	3.18000	172.48448				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			3.02000	105.72844	3.02000	222.20884				0.00	0	0
Total ABN63 SPOT										0.00	0	0
Total For ABN63										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABN67 On 28/02/2023 Spot Bond			9.61000	94.49069	9.61000	94.46659			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	100.58263			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	131.77000			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			9.97500	103.34040	9.97500	103.31293			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			8.78000	95.22211	8.78000	95.19975			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			10.52000	100.04968	10.52000	100.02167			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	100.35488			0.00	0	0
Total ABN91 SPOT									0.00	0	0
Total For ABN91									0.00	0	0
ABN92 On 31/01/2019 Spot Bond				100.00000	0.00000	101.42240			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			8.75000	103.48752	8.75000	103.46344			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			8.90500	103.66606	8.90500	103.64139			0.00	0	620,000,000
Total ABS11 SPOT									0.00	0	620,000,000
Total For ABS11									0.00	0	620,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABS12 On 14/05/2020 Spot Bond			9.08000	101.53594	9.08000	101.51144			3,731,880,000,000.00	411,000,000	169,000,000
Total ABS12 SPOT									3,731,880,000,000.00	411,000,000	169,000,000
Total For ABS12									3,731,880,000,000.00	411,000,000	169,000,000
ABS12/R On 14/05/2020 Spot Bond			9.20000	101.23716	9.20000	101.21241			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			9.48500	101.86527	9.48500	101.83962			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			8.74500	102.76009	8.74500	102.73619			0.00	0	73,000,000
Total ABS14 SPOT									0.00	0	73,000,000
Total For ABS14									0.00	0	73,000,000
ABS15 On 11/11/2022 Spot Bond			9.29000	103.20004	9.29000	103.17458			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			9.87000	104.24873	9.87000	104.22144			2,605,680,000,000.00	264,000,000	588,000,000
Total ABS16 SPOT									2,605,680,000,000.00	264,000,000	588,000,000
Total For ABS16									2,605,680,000,000.00	264,000,000	588,000,000
ABS17 On 11/11/2027 Spot Bond			9.85500	106.33073	9.85500	106.30293			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			9.56000	103.75260	9.56000	103.72628			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			8.68500	99.34099	8.68500	99.31792			0.00	0	0
Total ABS6 SPOT									0.00	0	0
Total For ABS6									0.00	0	0
ABS7 On 11/09/2026 Spot Bond			9.92000	95.89657	9.92000	95.87135			4,563,200,000,000.00	460,000,000	7,320,000,000
Total ABS7 SPOT									4,563,200,000,000.00	460,000,000	7,320,000,000
Total For ABS7									4,563,200,000,000.00	460,000,000	7,320,000,000
ABS7/R On 11/09/2026 Spot Bond			100.00000	11.21673	100.00000	11.19204			0.00	0	0
Total ABS7/R186 SPOT									0.00	0	0
Total For ABS7/R186									0.00	0	0
ABS12 On 07/12/2023 Spot Bond			3.70000	274.43187	3.70000	274.35070			0.00	0	0
Total ABS12 SPOT									0.00	0	0
Total For ABS12									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABSI4 On 31/01/2022 Spot Bond			2.94500	143.44982	2.94500	146.29086			0.00	0	0
Total ABSI4 SPOT									0.00	0	0
Total For ABSI4									0.00	0	0
ACIF1L On 08/07/2025 Spot Bond			100.00000	0.04468	100.00000	0.04456			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	52.07671	100.00000	51.95055			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	89.58104			0.00	0	0
Total ACL047 SPOT									0.00	0	0
Total For ACL047									0.00	0	0
ACL082 On 30/07/2017 Spot Bond				100.00000	0.00000	103.99985			0.00	0	0
Total ACL082 SPOT									0.00	0	0
Total For ACL082									0.00	0	0
ACL083 On 30/07/2017 Spot Bond				100.00000	0.00000	103.99985			0.00	0	0
Total ACL083 SPOT									0.00	0	0
Total For ACL083									0.00	0	0
ACL084 On 30/07/2017 Spot Bond				100.00000	0.00000	104.01961			0.00	0	0
Total ACL084 SPOT									0.00	0	0
Total For ACL084									0.00	0	0
ACL086 On 30/07/2017 Spot Bond				100.00000	0.00000	104.01961			0.00	0	0
Total ACL086 SPOT									0.00	0	0
Total For ACL086									0.00	0	0
ACL087 On 30/07/2017 Spot Bond				100.00000	0.00000	103.98009			0.00	0	0
Total ACL087 SPOT									0.00	0	0
Total For ACL087									0.00	0	0
ACL089 On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100			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	100.15532			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	100.15905			0.00	0	0
Total ACL096 SPOT									0.00	0	0
Total For ACL096									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ACL097 On 20/12/2025 Spot Bond				100.00000	0.00000	100.16057				0.00	0	0
Total ACL097 SPOT										0.00	0	0
Total For ACL097										0.00	0	0
ACL098 On 20/12/2025 Spot Bond				100.00000	0.00000	100.15739				0.00	0	0
Total ACL098 SPOT										0.00	0	0
Total For ACL098										0.00	0	0
ACL100 On 20/12/2017 Spot Bond				100.00000	0.00000	100.15050				0.00	0	0
Total ACL100 SPOT										0.00	0	0
Total For ACL100										0.00	0	0
ACL104 On 20/12/2019 Spot Bond			9.10000	101.98704	9.10000	102.14204				0.00	0	0
Total ACL104 SPOT										0.00	0	0
Total For ACL104										0.00	0	0
ACL127 On 20/09/2021 Spot Bond				100.00000	0.00000	206.33216				0.00	0	0
Total ACL127 SPOT										0.00	0	0
Total For ACL127										0.00	0	0
ACL128 On 20/09/2021 Spot Bond				100.00000	0.00000	206.37364				0.00	0	0
Total ACL128 SPOT										0.00	0	0
Total For ACL128										0.00	0	0
ACL129 On 20/09/2021 Spot Bond				100.00000	0.00000	100.15359				0.00	0	0
Total ACL129 SPOT										0.00	0	0
Total For ACL129										0.00	0	0
ACL139 On 30/07/2017 Spot Bond				100.00000	0.00000	99.89244				0.00	0	0
Total ACL139 SPOT										0.00	0	0
Total For ACL139										0.00	0	0
ACL141 On 30/07/2017 Spot Bond				100.00000	0.00000	103.98552				0.00	0	0
Total ACL141 SPOT										0.00	0	0
Total For ACL141										0.00	0	0
ACL142 On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				0.00	0	0
Total ACL142/JIBAR SPOT										0.00	0	0
Total For ACL142/JIBAR										0.00	0	0
ACL145 On 20/12/2021 Spot Bond				100.00000	0.00000	100.15409				0.00	0	0
Total ACL145 SPOT										0.00	0	0
Total For ACL145										0.00	0	0
ACL161 On 20/03/2022 Spot Bond			10.23000	102.72036	10.23000	102.69251				0.00	0	0
Total ACL161 SPOT										0.00	0	0
Total For ACL161										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ACL167 On 20/06/2019 Spot Bond			9.56000	100.60723	9.56000	100.58157			0.00	0	0
Total ACL167 SPOT									0.00	0	0
Total For ACL167									0.00	0	0
ACL174 On 20/06/2019 Spot Bond				100.00000	0.00000	100.15377			0.00	0	0
Total ACL174 SPOT									0.00	0	0
Total For ACL174									0.00	0	0
ACL175 On 20/06/2019 Spot Bond				100.00000	0.00000	100.14573			0.00	0	0
Total ACL175 SPOT									0.00	0	0
Total For ACL175									0.00	0	0
ACL183 On 20/06/2019 Spot Bond				100.00000	0.00000	101.30891			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	100.22376			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	100.15279			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	100.15462			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	100.15669			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	100.15727			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	100.15727			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	100.15050			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	100.16001			0.00	0	0
Total ACL201 SPOT									0.00	0	0
Total For ACL201									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ACL202 On 20/12/2022 Spot Bond				100.00000	0.00000	100.16001				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	145.19377				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	146.18711				0.00	0	0
Total ACL204 SPOT										0.00	0	0
Total For ACL204										0.00	0	0
ACL208 On 20/03/2018 Spot Bond				100.00000	0.00000	100.14143				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	100.81592				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	100.14438				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	99.86581				0.00	600,000,000	510,000,000
Total ACL213 SPOT										0.00	600,000,000	510,000,000
Total For ACL213										0.00	600,000,000	510,000,000
ACL214 On 20/09/2020 Spot Bond				100.00000	0.00000	92.57407				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	100.14262				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	100.14247				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	100.15217				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	101.21109				0.00	0	0
Total ACL218 SPOT										0.00	0	0
Total For ACL218										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ACL219 On 26/01/2021 Spot Bond				100.00000	0.00000	101.61443			0.00	0	0
Total ACL219 SPOT									0.00	0	0
Total For ACL219									0.00	0	0
ACL220 On 26/01/2021 Spot Bond				100.00000	0.00000	101.59124			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	100.15151			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	100.14911			0.00	0	0
Total ACL222 SPOT									0.00	0	0
Total For ACL222									0.00	0	0
ADCB0 On 08/03/2018 Spot Bond				100.00000	0.00000	100.14298			0.00	300,000,000	150,000,000
Total ADCB01 SPOT									0.00	300,000,000	150,000,000
Total For ADCB01									0.00	300,000,000	150,000,000
ADCB0 On 08/03/2018 Spot Bond			100.00000	58.62164	100.00000	58.47963			0.00	0	0
ADCB0 On 08/03/2018 Spot Bond			100.00000	58.62164	100.00000	58.47963			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	100.82208			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	100.57272			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	44.61837	100.00000	44.51028			0.00	0	0
Total ADCB2U SPOT									0.00	0	0
Total For ADCB2U									0.00	0	0
AFS1U On 27/09/2019 Spot Bond			100.00000	23.01724	100.00000	25.93781			0.00	0	0
Total AFS1U SPOT									0.00	0	0
Total For AFS1U									0.00	0	0
AFS2U On 02/07/2020 Spot Bond			100.00000	6.78821	100.00000	6.77158			0.00	0	0
Total AFS2U SPOT									0.00	0	0
Total For AFS2U									0.00	0	0
AHF2A On 18/10/2018 Spot Bond				100.00000	0.00000	101.72364			0.00	0	0
Total AHF2A2 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 AHF2A2										0.00	0	0
AHF2B: On 18/10/2018 Spot Bond				100.00000	0.00000	101.78002				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	101.96790				0.00	0	0
Total AHF2C2 SPOT										0.00	0	0
Total For AHF2C2										0.00	0	0
AHF3A: On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total AHF3A1 SPOT										0.00	0	0
Total For AHF3A1										0.00	0	0
AHF3A: On 18/10/2042 Spot Bond				100.00000	0.00000	101.66727				0.00	0	0
Total AHF3A3 SPOT										0.00	0	0
Total For AHF3A3										0.00	0	0
AHF3A: On 18/10/2019 Spot Bond				100.00000	0.00000	101.68607				0.00	0	0
Total AHF3A4 SPOT										0.00	0	0
Total For AHF3A4										0.00	0	0
AHF3B: On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total AHF3B1 SPOT										0.00	0	0
Total For AHF3B1										0.00	0	0
AHF3B: On 18/10/2019 Spot Bond				100.00000	0.00000	102.15576				0.00	0	0
Total AHF3B2 SPOT										0.00	0	0
Total For AHF3B2										0.00	0	0
AHF3B: On 18/04/2019 Spot Bond				100.00000	0.00000	102.06188				0.00	0	0
Total AHF3B3 SPOT										0.00	0	0
Total For AHF3B3										0.00	0	0
AHF3C: On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total AHF3C1 SPOT										0.00	0	0
Total For AHF3C1										0.00	0	0
AHF3C: On 18/04/2019 Spot Bond				100.00000	0.00000	102.83087				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	102.54975				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	42.65058	100.00000	42.53693				0.00	0	0
Total AHL01U 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 AHL01U									0.00	0	0
AHL1AI On 15/04/2020 Spot Bond			100.00000	16.53596	100.00000	16.49190			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	11.79759	100.00000	11.76616			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	9.60978	100.00000	9.58418			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			8.93000	101.85567	8.93000	101.83150			0.00	0	0
Total AIR01 SPOT									0.00	0	0
Total For AIR01									0.00	0	0
AIR02 On 30/04/2023 Spot Bond			10.11000	108.62061	10.11000	108.59134			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			9.35000	100.21368	9.35000	100.18880			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	13.30068	100.00000	13.27125			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			10.64000	96.33171	10.64000	96.30458			0.00	0	0
Total AIR05 SPOT									0.00	0	0
Total For AIR05									0.00	0	0
AIRL01 On 30/04/2028 Spot Bond			3.44000	175.25096	3.44000	175.20034			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	100.07393			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	99.99990			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	101.39404			0.00	0	0
Total APF03 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 APF03										0.00	0	0
APF04 On 21/10/2021 Spot Bond				100.00000	0.00000	101.75523				0.00	0	0
Total APF04 SPOT										0.00	0	0
Total For APF04										0.00	0	0
AS116L On 18/01/2018 Spot Bond			100.00000	65.63024	100.00000	65.46951				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	63.66792	100.00000	63.51367				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	23.05214	100.00000	22.99630				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	23.05214	100.00000	22.99630				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	4.09836	100.00000	4.09256				0.00	0	0
Total AS133U SPOT										0.00	0	0
Total For AS133U										0.00	0	0
AS139L On 30/03/2026 Spot Bond			100.00000	0.11204	100.00000	0.11192				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	12.57725	100.00000	12.54677				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	20.36395	100.00000	20.31462				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	29.12436	100.00000	29.05380				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	100.14578				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

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 ASN014										0.00	0	0
ASN02: On 07/12/2033 Spot Bond			3.27000	241.02906	3.27000	240.96055				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	98.99392				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	98.93490				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	101.19126				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			3.28500	215.00150	3.28500	214.94029				0.00	0	0
Total ASN037 SPOT										0.00	0	0
Total For ASN037										0.00	0	0
ASN04: On 21/11/2019 Spot Bond				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	101.70960				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	101.66000				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	101.54805				0.00	0	0
Total ASN059 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 ASN059										0.00	0	0
ASN06 On 30/04/2020 Spot Bond				100.00000	0.00000	101.42253				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	99.52873				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	100.61909				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	100.25139				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	101.24279				0.00	0	0
Total ASN069 SPOT										0.00	0	0
Total For ASN069										0.00	0	0
ASN07 On 20/07/2018 Spot Bond				100.00000	0.00000	97.75218				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	100.17114				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	100.14712				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	100.35676				0.00	0	0
Total ASN081 SPOT										0.00	0	0
Total For ASN081										0.00	0	0
ASN08 On 17/08/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN082 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 ASN082									0.00	0	0
ASN08: On 20/06/2020 Spot Bond				100.00000	0.00000	99.77287			0.00	730,000,000	371,800,000
Total ASN083 SPOT									0.00	730,000,000	371,800,000
Total For ASN083									0.00	730,000,000	371,800,000
ASN08: On 03/09/2020 Spot Bond				100.00000	0.00000	100.60093			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	100.00001			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	124.81640			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	101.90059			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
Total For ASN091									0.00	0	0
ASN09: On 21/10/2020 Spot Bond				100.00000	0.00000	101.70136			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	101.21788			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	72.82386			0.00	0	0
Total ASN099 SPOT									0.00	0	0
Total For ASN099									0.00	0	0
ASN111: On 02/12/2020 Spot Bond				100.00000	0.00000	100.62834			0.00	0	0
Total ASN111 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 ASN111										0.00	0	0
ASN11: On 20/12/2017 Spot Bond				100.00000	0.00000	100.15131				0.00	0	0
Total ASN112 SPOT										0.00	0	0
Total For ASN112										0.00	0	0
ASN11: On 08/03/2021 Spot Bond				100.00000	0.00000	100.49157				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	101.45650				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	100.19170				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	100.14861				0.00	0	0
Total ASN125 SPOT										0.00	0	0
Total For ASN125										0.00	0	0
ASN12: On 24/02/2019 Spot Bond				100.00000	0.00000	100.85810				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	100.85910				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	100.84477				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	100.54458				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	100.54034				0.00	0	0
Total ASN132 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 ASN132										0.00	0	0
ASN13: On 20/12/2020 Spot Bond				100.00000	0.00000	100.19012				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	85.44000				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			3.67500	141.88711	3.67500	141.84508				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	85.44000				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	102.50777				0.00	0	0
Total ASN143 SPOT										0.00	0	0
Total For ASN143										0.00	0	0
ASN14: On 28/04/2021 Spot Bond				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	101.37330				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	101.37330				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			3.72000	141.61835	3.72000	141.57622				0.00	0	0
Total ASN149 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 ASN149										0.00	0	0
ASN15: On 31/05/2021 Spot Bond				100.00000	0.00000	108.50533				0.00	0	0
Total ASN150 SPOT										0.00	0	0
Total For ASN150										0.00	0	0
ASN15: On 04/05/2021 Spot Bond				100.00000	0.00000	100.64129				0.00	0	0
Total ASN152 SPOT										0.00	0	0
Total For ASN152										0.00	0	0
ASN15: On 31/03/2031 Spot Bond			4.08000	90.69019	4.08000	158.85164				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	101.29679				0.00	0	0
Total ASN160 SPOT										0.00	0	0
Total For ASN160										0.00	0	0
ASN16: On 19/08/2021 Spot Bond				100.00000	0.00000	100.98628				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	100.15996				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

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 ASN172										0.00	0	0
ASN17 On 02/12/2019 Spot Bond				100.00000	0.00000	100.60260				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 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	100.16837				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	101.72545				0.00	0	0
Total ASN184 SPOT										0.00	0	0
Total For ASN184										0.00	0	0
ASN18 On 05/12/2017 Spot Bond				100.00000	0.00000	100.47134				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	100.29810				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	100.00000				0.00	0	0
Total ASN191 SPOT										0.00	0	0
Total For ASN191										0.00	0	0
ASN38 On 20/12/2017 Spot Bond			100.00000	82.84915	100.00000	82.66666				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	82.86946	100.00000	82.68693				0.00	0	0
Total ASN39U SPOT										0.00	0	0
Total For ASN39U										0.00	0	0
ASN40 On 20/12/2017 Spot Bond			100.00000	82.77807	100.00000	82.59574				0.00	0	0
Total ASN40U 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 ASN40U										0.00	0	0
ASN50I On 16/03/2018 Spot Bond			100.00000	56.34739	100.00000	56.21088				0.00	0	0
Total ASN50U SPOT										0.00	0	0
Total For ASN50U										0.00	0	0
ASN75I On 20/09/2020 Spot Bond			100.00000	5.59169	100.00000	5.57815				0.00	0	0
Total ASN75U SPOT										0.00	0	0
Total For ASN75U										0.00	0	0
ASN89I On 02/10/2018 Spot Bond			100.00000	45.21866	100.00000	45.10792				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	100.32681				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			8.93000	103.32009	8.93000	103.29543				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	100.25922				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	40.79619	100.00000	40.69736				0.00	0	0
Total BAW17/JIBAR SPOT										0.00	0	0
Total For BAW17/JIBAR										0.00	0	0
BAW18 On 05/12/2020 Spot Bond				100.00000	0.00000	100.32014				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			9.48500	100.77884	9.48500	100.75333				0.00	0	1,100,000,000
Total BAW19 SPOT										0.00	0	1,100,000,000
Total For BAW19										0.00	0	1,100,000,000
BAW21 On 24/03/2022 Spot Bond			9.68500	100.91678	9.68500	100.89085		5,036,200,000,000.00		520,000,000	260,000,000	
Total BAW21 SPOT								5,036,200,000,000.00		520,000,000	260,000,000	
Total For BAW21								5,036,200,000,000.00		520,000,000	260,000,000	
BAW21 On 24/03/2022 Spot Bond			9.30000	102.35432	9.30000	102.32904				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	100.27925				0.00	400,000,000	400,000,000
Total BAW22 SPOT										0.00	400,000,000	400,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For BAW22									0.00	400,000,000	400,000,000
BAW23 On 15/10/2017 Spot Bond			100.00000	95.28796	100.00000	95.03916			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	100.41355			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	101.21787			0.00	160,000,000	80,000,000
Total BAW25 SPOT									0.00	160,000,000	80,000,000
Total For BAW25									0.00	160,000,000	80,000,000
BAW26 On 11/05/2021 Spot Bond			100.00000	13.16416	100.00000	16.22040			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	11.09018	100.00000	14.20289			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	100.52224			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	100.20004			0.00	0	0
Total BAW3 SPOT									0.00	0	0
Total For BAW3									0.00	0	0
BAW8 On 02/10/2017 Spot Bond			9.20000	102.46481	9.20000	102.43960			0.00	0	0
Total BAW8 SPOT									0.00	0	0
Total For BAW8									0.00	0	0
BAYA08 On 31/12/2017 Spot Bond			12.05478	99.77087	12.05478	102.66769			0.00	0	0
Total BAYA08 SPOT									0.00	0	0
Total For BAYA08									0.00	0	0
BAYA23 On 30/06/2017 Spot Bond			11.86321	99.90259	11.86321	102.48891			0.00	0	0
Total BAYA23 SPOT									0.00	0	0
Total For BAYA23									0.00	0	0
BAYA24 On 30/06/2017 Spot Bond			9.45000	99.92239	9.45000	99.89655			0.00	0	0
Total BAYA24 SPOT									0.00	0	0
Total For BAYA24									0.00	0	0
BAYA25 On 30/06/2017 Spot Bond				100.00000	0.00000	100.29168			0.00	0	0
Total BAYA25 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 BAYA25										0.00	0	0
BAYA25 On 30/09/2017 Spot Bond			11.90000	99.90202	11.90000	99.46510				0.00	0	0
Total BAYA26 SPOT										0.00	0	0
Total For BAYA26										0.00	0	0
BAYA26 On 30/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BAYA27 SPOT										0.00	0	0
Total For BAYA27										0.00	0	0
BAYA27 On 31/12/2018 Spot Bond				100.00000	0.00000	99.87839				0.00	0	0
Total BAYA31 SPOT										0.00	0	0
Total For BAYA31										0.00	0	0
BAYA31 On 31/03/2018 Spot Bond			11.43000	94.50686	11.43000	98.66156				0.00	0	0
Total BAYA32 SPOT										0.00	0	0
Total For BAYA32										0.00	0	0
BAYA32 On 31/03/2018 Spot Bond				100.00000	0.00000	99.88126				0.00	0	0
Total BAYA33 SPOT										0.00	0	0
Total For BAYA33										0.00	0	0
BAYA33 On 31/03/2018 Spot Bond				100.00000	0.00000	99.87853				0.00	0	0
Total BAYA34 SPOT										0.00	0	0
Total For BAYA34										0.00	0	0
BAYA34 On 31/03/2018 Spot Bond				100.00000	0.00000	99.25260				0.00	0	0
Total BAYA35 SPOT										0.00	0	0
Total For BAYA35										0.00	0	0
BAYA35 On 31/03/2018 Spot Bond				100.00000	0.00000	99.25326				0.00	0	0
Total BAYA36 SPOT										0.00	0	0
Total For BAYA36										0.00	0	0
BAYA36 On 30/09/2018 Spot Bond				100.00000	0.00000	98.87928				0.00	0	0
Total BAYA39 SPOT										0.00	0	0
Total For BAYA39										0.00	0	0
BAYA39 On 30/09/2018 Spot Bond				100.00000	0.00000	99.83023				0.00	0	0
Total BAYA41 SPOT										0.00	0	0
Total For BAYA41										0.00	0	0
BAYA41 On 30/09/2018 Spot Bond				100.00000	0.00000	99.87888				0.00	0	0
Total BAYA42 SPOT										0.00	0	0
Total For BAYA42										0.00	0	0
BAYA42 On 31/03/2019 Spot Bond				100.00000	0.00000	99.87898				0.00	0	0
Total BAYA45 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 BAYA45										0.00	0	0
BAYA5 On 31/03/2019 Spot Bond				100.00000	0.00000	99.86402				0.00	0	0
Total BAYA51 SPOT										0.00	0	0
Total For BAYA51										0.00	0	0
BAYA5 On 31/03/2019 Spot Bond				100.00000	0.00000	99.86983				0.00	0	0
Total BAYA52 SPOT										0.00	0	0
Total For BAYA52										0.00	0	0
BAYA5 On 30/09/2017 Spot Bond				100.00000	0.00000	99.89769				0.00	0	0
Total BAYA53 SPOT										0.00	0	0
Total For BAYA53										0.00	0	0
BAYA5 On 30/09/2019 Spot Bond				100.00000	0.00000	99.86996				0.00	0	0
Total BAYA54 SPOT										0.00	0	0
Total For BAYA54										0.00	0	0
BAYA5 On 31/03/2018 Spot Bond				100.00000	0.00000	100.26502				0.00	0	0
Total BAYA55 SPOT										0.00	0	0
Total For BAYA55										0.00	0	0
BAYA5 On 31/03/2020 Spot Bond				100.00000	0.00000	99.87629				0.00	0	0
Total BAYA56 SPOT										0.00	0	0
Total For BAYA56										0.00	0	0
BAYA5 On 31/03/2022 Spot Bond				100.00000	0.00000	99.86550				0.00	0	0
Total BAYA57 SPOT										0.00	0	0
Total For BAYA57										0.00	0	0
BAYB0 On 30/06/2019 Spot Bond				100.00000	0.00000	99.84415				0.00	0	0
Total BAYB05 SPOT										0.00	0	0
Total For BAYB05										0.00	0	0
BAYB0 On 31/12/2019 Spot Bond				100.00000	0.00000	99.84395				0.00	0	0
Total BAYB06 SPOT										0.00	0	0
Total For BAYB06										0.00	0	0
BAYB0 On 31/03/2020 Spot Bond				100.00000	0.00000	99.84405				0.00	0	0
Total BAYB07 SPOT										0.00	0	0
Total For BAYB07										0.00	0	0
BAYB0 On 30/09/2020 Spot Bond				100.00000	0.00000	105.08534				0.00	0	0
Total BAYB08 SPOT										0.00	0	0
Total For BAYB08										0.00	0	0
BAYB0 On 30/09/2018 Spot Bond				100.00000	0.00000	99.86269				0.00	0	0
Total BAYB09 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 BAYB09									0.00	0	0
BAYD1 On 30/06/2035 Spot Bond			100.00000	18.55302	100.00000	18.50759			0.00	0	0
Total BAYD1U SPOT									0.00	0	0
Total For BAYD1U									0.00	0	0
BAYD2 On 30/06/2035 Spot Bond			100.00000	16.88533	100.00000	16.84398			0.00	0	0
Total BAYD2U SPOT									0.00	0	0
Total For BAYD2U									0.00	0	0
BAYD3 On 30/06/2035 Spot Bond			100.00000	10.42305	100.00000	10.39752			0.00	0	0
Total BAYD3U SPOT									0.00	0	0
Total For BAYD3U									0.00	0	0
BAYD4 On 30/06/2035 Spot Bond			100.00000	10.42389	100.00000	10.39863			0.00	0	0
Total BAYD4U SPOT									0.00	0	0
Total For BAYD4U									0.00	0	0
BAYD5 On 30/06/2035 Spot Bond			100.00000	12.60197	100.00000	12.57110			0.00	0	0
Total BAYD5U SPOT									0.00	0	0
Total For BAYD5U									0.00	0	0
BAYD6 On 30/06/2035 Spot Bond			100.00000	10.91939	100.00000	10.89264			0.00	0	0
Total BAYD6U SPOT									0.00	0	0
Total For BAYD6U									0.00	0	0
BC120 On 02/08/2017 Spot Bond			100.00000	91.02244	100.00000	90.79602		23,400,000,000,000.00	234,000,000	78,000,000	
Total BC120U SPOT								23,400,000,000,000.00	234,000,000	78,000,000	
Total For BC120U								23,400,000,000,000.00	234,000,000	78,000,000	
BC121 On 24/11/2017 Spot Bond			100.00000	73.81505	100.00000	73.67200		0.00	0	0	
Total BC121U SPOT								0.00	0	0	
Total For BC121U								0.00	0	0	
BCJ06 On 07/07/2017 Spot Bond				100.00000	0.00000	101.84129		0.00	0	0	
Total BCJ06 SPOT								0.00	0	0	
Total For BCJ06								0.00	0	0	
BCJ09 On 25/07/2017 Spot Bond				100.00000	0.00000	101.45298		0.00	0	0	
Total BCJ09 SPOT								0.00	0	0	
Total For BCJ09								0.00	0	0	
BCJ10 On 12/07/2017 Spot Bond				100.00000	0.00000	101.83182		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	100.99366		0.00	0	0	
Total BCJ11 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 BCJ11										0.00	0	0
BCJ12 On 23/03/2018 Spot Bond			8.65000	102.25223	8.65000	102.21015				0.00	0	0
Total BCJ12 SPOT										0.00	0	0
Total For BCJ12										0.00	0	0
BCJ13 On 20/04/2018 Spot Bond				100.00000	0.00000	101.54883				0.00	0	0
Total BCJ13 SPOT										0.00	0	0
Total For BCJ13										0.00	0	0
BCP3U On 30/06/2019 Spot Bond			100.00000	21.44089	100.00000	21.38896				0.00	0	0
Total BCP3U SPOT										0.00	0	0
Total For BCP3U										0.00	0	0
BCP4U On 30/06/2019 Spot Bond			100.00000	21.44089	100.00000	21.38896				0.00	0	0
Total BCP4U SPOT										0.00	0	0
Total For BCP4U										0.00	0	0
BD0205 On 28/04/2028 Spot Bond			8.59000	92.22009	8.59000	180.47455				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			8.59000	93.52144	8.59000	180.97447				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			8.97500	95.69368	8.97500	95.67073				0.00	0	0
Total BD0302 SPOT										0.00	0	0
Total For BD0302										0.00	0	0
BD311E On 07/12/2023 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BD311E SPOT										0.00	0	0
Total For BD311E										0.00	0	0
BEER02 On 28/03/2018 Spot Bond			8.08000	101.06015	8.08000	101.03840				0.00	0	3,500,000,000
Total BEER02 SPOT										0.00	0	3,500,000,000
Total For BEER02										0.00	0	3,500,000,000
BG1A7U On 21/11/2032 Spot Bond			100.00000	9.34415	100.00000	9.32152				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	8.08618	100.00000	8.06659				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	8.08618	100.00000	8.06659				0.00	0	0
Total BG1B2U 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 BG1B2U									0.00	0	0
BG1C2 On 21/11/2032 Spot Bond			100.00000	8.57843	100.00000	8.55765			0.00	0	0
Total BG1C2U SPOT									0.00	0	0
Total For BG1C2U									0.00	0	0
BG1D2 On 21/11/2032 Spot Bond			100.00000	0.00013	100.00000	0.00013			0.00	0	0
Total BG1D2U SPOT									0.00	0	0
Total For BG1D2U									0.00	0	0
BG1E2 On 21/11/2032 Spot Bond			100.00000	11.47724	100.00000	11.44944			0.00	0	0
Total BG1E2U SPOT									0.00	0	0
Total For BG1E2U									0.00	0	0
BG1F2 On 21/11/2032 Spot Bond			100.00000	15.85280	100.00000	15.81440			0.00	0	0
Total BG1F2U SPOT									0.00	0	0
Total For BG1F2U									0.00	0	0
BGL01 On 19/11/2019 Spot Bond				100.00000	0.00000	102.24057			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			10.45000	101.92261	10.45000	101.89441			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	103.68354			0.00	150,000,000	50,000,000
Total BGL03 SPOT									0.00	150,000,000	50,000,000
Total For BGL03									0.00	150,000,000	50,000,000
BGL04 On 05/02/2020 Spot Bond			10.50000	102.91660	10.50000	102.88752			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			11.00500	104.46211	11.00500	104.43171		1,650,750,000,000.00		150,000,000	50,000,000
Total BGL05 SPOT								1,650,750,000,000.00		150,000,000	50,000,000
Total For BGL05								1,650,750,000,000.00		150,000,000	50,000,000
BGL06 On 04/09/2020 Spot Bond				100.00000	0.00000	101.84439			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			11.63000	104.37018	11.63000	104.33812			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	100.63449			0.00	0	0
Total BGL08 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 BGL08										0.00	0	0
BGL09 On 29/09/2020 Spot Bond			11.00500	103.80670	11.00500	103.77649				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	101.59691				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			11.38500	106.38569	11.38500	104.91320				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	102.76151				0.00	1,320,000,000	700,000,000
Total BGL12 SPOT										0.00	1,320,000,000	700,000,000
Total For BGL12										0.00	1,320,000,000	700,000,000
BGL13 On 20/08/2021 Spot Bond			11.42500	105.10280	11.42500	105.07054				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	101.66011				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	100.21146				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	101.02184				0.00	0	0
Total BGL16 SPOT										0.00	0	0
Total For BGL16										0.00	0	0
BGR04 On 28/02/2018 Spot Bond				100.00000	0.00000	102.82877				0.00	0	0
Total BGR04 SPOT										0.00	0	0
Total For BGR04										0.00	0	0
BID04 On 23/11/2017 Spot Bond				100.00000	0.00000	100.85992				0.00	0	0
Total BID04 SPOT										0.00	0	0
Total For BID04										0.00	0	0
BID05 On 26/06/2019 Spot Bond				100.00000	0.00000	99.08935				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			8.83000	99.97371	8.83000	99.94998				0.00	0	2,200,000,000
Total BID06 SPOT										0.00	0	2,200,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BID06										0.00	0	2,200,000,000
BLG1A On 21/11/2032 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BLG1A6 SPOT										0.00	0	0
Total For BLG1A6										0.00	0	0
BPPF0 On 22/03/2018 Spot Bond				100.00000	0.00000	100.08471				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	100.09208				0.00	0	0
Total BPPF02 SPOT										0.00	0	0
Total For BPPF02										0.00	0	0
BSR17 On 19/06/2018 Spot Bond				100.00000	0.00000	101.60687				0.00	0	0
Total BSR17 SPOT										0.00	0	0
Total For BSR17										0.00	0	0
BTC17 On 30/06/2017 Spot Bond				100.00000	0.00000	99.91580				0.00	0	0
Total BTC171 SPOT										0.00	0	0
Total For BTC171										0.00	0	0
BTC17 On 07/07/2017 Spot Bond				100.00000	0.00000	99.76753				0.00	0	0
Total BTC173 SPOT										0.00	0	0
Total For BTC173										0.00	0	0
BTC17 On 12/07/2017 Spot Bond				100.00000	0.00000	99.66300				0.00	0	0
Total BTC174 SPOT										0.00	0	0
Total For BTC174										0.00	0	0
BTC17 On 07/08/2017 Spot Bond				100.00000	0.00000	99.11760				0.00	0	0
Total BTC175 SPOT										0.00	0	0
Total For BTC175										0.00	0	0
BTC17 On 07/08/2017 Spot Bond				100.00000	0.00000	99.11605				0.00	0	0
Total BTC176 SPOT										0.00	0	0
Total For BTC176										0.00	0	0
BTC17 On 17/08/2017 Spot Bond				100.00000	0.00000	98.90718				0.00	0	0
Total BTC177 SPOT										0.00	0	0
Total For BTC177										0.00	0	0
BTC17 On 22/08/2017 Spot Bond				100.00000	0.00000	98.80511				0.00	0	0
Total BTC178 SPOT										0.00	0	0
Total For BTC178										0.00	0	0
BTC17 On 31/08/2017 Spot Bond				100.00000	0.00000	98.61528				0.00	0	0
Total BTC179 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 BTC179										0.00	0	0
BTC18 On 05/09/2017 Spot Bond				100.00000	0.00000	98.51087				0.00	0	0
Total BTC180 SPOT										0.00	0	0
Total For BTC180										0.00	0	0
BTC18 On 11/09/2017 Spot Bond				100.00000	0.00000	98.38837				0.00	0	0
Total BTC181 SPOT										0.00	0	0
Total For BTC181										0.00	0	0
BTC18 On 18/09/2017 Spot Bond				100.00000	0.00000	98.23977				0.00	0	0
Total BTC182 SPOT										0.00	0	0
Total For BTC182										0.00	0	0
BWZ18 On 27/03/2018 Spot Bond				100.00000	0.00000	99.97638				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	99.97548				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	100.96580				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	101.22424				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	101.25601				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	11.62950	100.00000	11.60102				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	11.62950	100.00000	11.60102				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	11.65837	100.00000	11.62982				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	11.65837	100.00000	11.62982				0.00	0	0
Total BX164U 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 BX164U										0.00	0	0
BYA49L On 30/06/2018 Spot Bond			100.00000	46.58381	100.00000	46.46972				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	17.61043	100.00000	17.56730				0.00	0	0
Total BYB10U SPOT										0.00	0	0
Total For BYB10U										0.00	0	0
CBL12 On 06/09/2018 Spot Bond			15.13000	99.40555	15.13000	99.36616				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	102.88495				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			12.93000	102.69478	12.93000	102.65924				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	100.62282				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			12.43000	101.22757	12.43000	101.19386				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	99.83530				0.00	400,000,000	400,000,000
Total CBL20 SPOT										0.00	400,000,000	400,000,000
Total For CBL20										0.00	400,000,000	400,000,000
CBL22 On 06/05/2020 Spot Bond			9.70500	98.23413	9.70500	98.20883				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	101.06034				0.00	0	0
Total CBL23 SPOT										0.00	0	0
Total For CBL23										0.00	0	0
CBL24 On 21/11/2020 Spot Bond				100.00000	0.00000	101.51162				0.00	120,000,000	200,000,000
Total CBL24 SPOT										0.00	120,000,000	200,000,000
Total For CBL24										0.00	120,000,000	200,000,000
CBL25 On 06/05/2019 Spot Bond				100.00000	0.00000	101.27087				0.00	0	0
Total CBL25 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 CBL25										0.00	0	0
CBL26 On 06/05/2021 Spot Bond			10.00500	105.00924	10.00500	104.98140				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	101.16636				0.00	0	0
Total CBL27 SPOT										0.00	0	0
Total For CBL27										0.00	0	0
CCT01 On 23/06/2023 Spot Bond			10.39500	109.65369	10.39500	109.62334				0.00	0	0
Total CCT01 SPOT										0.00	0	0
Total For CCT01										0.00	0	0
CCT02 On 12/06/2024 Spot Bond			10.39500	106.40364	10.39500	106.37419				0.00	0	350,000,000
Total CCT02 SPOT										0.00	0	350,000,000
Total For CCT02										0.00	0	350,000,000
CCT03 On 15/03/2025 Spot Bond			10.47000	106.71093	10.47000	106.68133				0.00	0	0
Total CCT03 SPOT										0.00	0	0
Total For CCT03										0.00	0	0
CGR14 On 13/02/2018 Spot Bond				100.00000	0.00000	103.08331				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	109.09920	10.00000	109.07070				0.00	0	0
Total CGR14/JIBAR SPOT										0.00	0	0
Total For CGR14/JIBAR										0.00	0	0
CGR15 On 22/07/2017 Spot Bond				100.00000	0.00000	102.07429				0.00	0	0
Total CGR15 SPOT										0.00	0	0
Total For CGR15										0.00	0	0
CGR16 On 22/09/2017 Spot Bond				100.00000	0.00000	100.11081				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	101.91662				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	58.36492	100.00000	58.22353				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	58.95321	100.00000	58.81040				0.00	0	0
Total CGR19U 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 CGR19U										0.00	0	0
CGR20 On 03/07/2018 Spot Bond			100.00000	45.80139	100.00000	45.68922				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	102.44500				0.00	0	0
Total CGR21 SPOT										0.00	0	0
Total For CGR21										0.00	0	0
CGR23 On 08/02/2019 Spot Bond				100.00000	0.00000	101.53411				0.00	200,000,000	100,000,000
Total CGR23 SPOT										0.00	200,000,000	100,000,000
Total For CGR23										0.00	200,000,000	100,000,000
CGR24 On 08/02/2021 Spot Bond				100.00000	0.00000	103.12937				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	99.97056				0.00	0	0
Total CGR25 SPOT										0.00	0	0
Total For CGR25										0.00	0	0
CGR26 On 27/06/2017 Spot Bond				100.00000	0.00000	99.97672				0.00	0	0
Total CGR26 SPOT										0.00	0	0
Total For CGR26										0.00	0	0
CGR27 On 25/11/2019 Spot Bond				100.00000	0.00000	101.00236				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	101.22930				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	101.58014				0.00	0	0
Total CGR29 SPOT										0.00	0	0
Total For CGR29										0.00	0	0
CIG03 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89542				0.00	0	0
Total CIG03 SPOT										0.00	0	0
Total For CIG03										0.00	0	0
CIG04 On 30/06/2018 Spot Bond				100.00000	0.00000	99.89127				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	99.88711				0.00	0	0
Total CIG05 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 CIG05										0.00	0	0
CIG06 On 28/08/2018 Spot Bond				100.00000	0.00000	100.80308				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	102.46921				0.00	0	0
Total CIG07 SPOT										0.00	0	0
Total For CIG07										0.00	0	0
CIG09L On 07/06/2019 Spot Bond			100.00000	30.56508	100.00000	30.49104				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	101.57215				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	101.61232				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	101.67647				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	14.68198	100.00000	14.64641				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	14.68198	100.00000	14.64641				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	14.68198	100.00000	14.64641				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	14.68198	100.00000	14.64641				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	99.89108	10.11000	99.86387				0.00	0	0
Total CLN184 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 CLN184										0.00	0	0
CLN19: On 29/08/2021 Spot Bond			3.14000	137.84982	3.14000	139.95813				0.00	0	0
Total CLN193 SPOT										0.00	0	0
Total For CLN193										0.00	0	0
CLN19: On 13/09/2021 Spot Bond			3.64500	143.07701	3.64500	136.54452				0.00	0	0
Total CLN198 SPOT										0.00	0	0
Total For CLN198										0.00	0	0
CLN23: On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				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	109.09900	10.00000	109.07100				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	97.14969	13.50000	97.11465				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	103.15361	9.35000	103.12758				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			9.36000	102.86881	9.36000	102.84324				0.00	0	0
Total CLN262 SPOT										0.00	0	0
Total For CLN262										0.00	0	0
CLN28: On 10/08/2017 Spot Bond				100.00000	0.00000	101.21855				0.00	0	0
Total CLN288 SPOT										0.00	0	0
Total For CLN288										0.00	0	0
CLN28: On 30/08/2017 Spot Bond				100.00000	0.00000	100.72892				0.00	0	0
Total CLN289 SPOT										0.00	0	0
Total For CLN289										0.00	0	0
CLN29: On 26/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN290 SPOT										0.00	0	0
Total For CLN290										0.00	0	0
CLN29: On 26/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN291 SPOT										0.00	0	0
Total For CLN291										0.00	0	0
CLN29: On 26/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN292 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 CLN292										0.00	0	0
CLN292 On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				0.00	0	0
Total CLN292/JIBAR SPOT										0.00	0	0
Total For CLN292/JIBAR										0.00	0	0
CLN292 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89360				0.00	0	0
Total CLN293 SPOT										0.00	0	0
Total For CLN293										0.00	0	0
CLN293 On 26/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN294 SPOT										0.00	0	0
Total For CLN294										0.00	0	0
CLN294 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89322				0.00	0	0
Total CLN295 SPOT										0.00	0	0
Total For CLN295										0.00	0	0
CLN295 On 20/12/2017 Spot Bond				100.00000	0.00000	100.16606				0.00	0	0
Total CLN296 SPOT										0.00	0	0
Total For CLN296										0.00	0	0
CLN296 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89360				0.00	0	0
Total CLN297 SPOT										0.00	0	0
Total For CLN297										0.00	0	0
CLN297 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89702				0.00	0	0
Total CLN298 SPOT										0.00	0	0
Total For CLN298										0.00	0	0
CLN298 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89381				0.00	0	0
Total CLN299 SPOT										0.00	0	0
Total For CLN299										0.00	0	0
CLN299 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
CLN301 On 20/12/2017 Spot Bond				100.00000	0.00000	100.39836				0.00	0	0
Total CLN302 SPOT										0.00	0	0
Total For CLN302										0.00	0	0
CLN302 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
CLN303 On 20/12/2017 Spot Bond				100.00000	0.00000	154.57365				0.00	0	0
Total CLN304 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 CLN304										0.00	0	0
CLN304 On 20/12/2017 Spot Bond				100.00000	0.00000	155.72905				0.00	0	0
Total CLN305 SPOT										0.00	0	0
Total For CLN305										0.00	0	0
CLN305 On 14/11/2022 Spot Bond				100.00000	0.00000	101.17182				0.00	0	0
Total CLN313 SPOT										0.00	0	0
Total For CLN313										0.00	0	0
CLN313 On 14/11/2022 Spot Bond			10.89000	95.72796	10.89000	95.70038				0.00	0	0
Total CLN314 SPOT										0.00	0	0
Total For CLN314										0.00	0	0
CLN314 On 20/03/2023 Spot Bond			11.41000	97.12609	11.41000	97.09680				0.00	0	0
Total CLN315 SPOT										0.00	0	0
Total For CLN315										0.00	0	0
CLN315 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89809				0.00	0	0
Total CLN316 SPOT										0.00	0	0
Total For CLN316										0.00	0	0
CLN316 On 20/03/2023 Spot Bond				100.00000	0.00000	100.16845				0.00	0	0
Total CLN317 SPOT										0.00	0	0
Total For CLN317										0.00	0	0
CLN317 On 14/11/2022 Spot Bond				100.00000	0.00000	101.14914				0.00	0	0
Total CLN318 SPOT										0.00	0	0
Total For CLN318										0.00	0	0
CLN318 On 24/07/2017 Spot Bond				100.00000	0.00000	101.62564				0.00	0	0
Total CLN319 SPOT										0.00	0	0
Total For CLN319										0.00	0	0
CLN319 On 30/04/2018 Spot Bond				100.00000	0.00000	101.54209				0.00	0	0
Total CLN320 SPOT										0.00	0	0
Total For CLN320										0.00	0	0
CLN320 On 30/04/2018 Spot Bond			8.80500	101.34998	8.80500	101.34360				0.00	0	0
Total CLN321 SPOT										0.00	0	0
Total For CLN321										0.00	0	0
CLN321 On 24/07/2017 Spot Bond				100.00000	0.00000	101.63935				0.00	0	0
Total CLN323 SPOT										0.00	0	0
Total For CLN323										0.00	0	0
CLN323 On 20/06/2018 Spot Bond				100.00000	0.00000	100.15651				0.00	0	0
Total CLN325 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 CLN325										0.00	0	0
CLN325 On 20/06/2018 Spot Bond				100.00000	0.00000	100.15892				0.00	0	0
Total CLN326 SPOT										0.00	0	0
Total For CLN326										0.00	0	0
CLN326 On 20/06/2023 Spot Bond				100.00000	0.00000	100.16805				0.00	0	0
Total CLN327 SPOT										0.00	0	0
Total For CLN327										0.00	0	0
CLN327 On 20/06/2018 Spot Bond				100.00000	0.00000	100.33185				0.00	0	0
Total CLN328 SPOT										0.00	0	0
Total For CLN328										0.00	0	0
CLN328 On 20/06/2018 Spot Bond				100.00000	0.00000	100.17304				0.00	0	0
Total CLN332 SPOT										0.00	0	0
Total For CLN332										0.00	0	0
CLN332 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89809				0.00	0	0
Total CLN335 SPOT										0.00	0	0
Total For CLN335										0.00	0	0
CLN335 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
CLN337 On 28/07/2017 Spot Bond				100.00000	0.00000	101.55464				0.00	0	0
Total CLN339 SPOT										0.00	0	0
Total For CLN339										0.00	0	0
CLN339 On 20/12/2018 Spot Bond				100.00000	0.00000	100.96189				0.00	0	0
Total CLN340 SPOT										0.00	0	0
Total For CLN340										0.00	0	0
CLN340 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89755				0.00	0	0
Total CLN341 SPOT										0.00	0	0
Total For CLN341										0.00	0	0
CLN341 On 20/12/2023 Spot Bond				100.00000	0.00000	100.17916				0.00	0	0
Total CLN343 SPOT										0.00	0	0
Total For CLN343										0.00	0	0
CLN343 On 20/12/2018 Spot Bond				100.00000	0.00000	100.14247				0.00	0	0
Total CLN344 SPOT										0.00	0	0
Total For CLN344										0.00	0	0
CLN344 On 20/12/2023 Spot Bond				100.00000	0.00000	99.24828				0.00	0	0
Total CLN345 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 CLN345										0.00	0	0
CLN345 On 28/07/2017 Spot Bond				100.00000	0.00000	101.54182				0.00	0	0
Total CLN346 SPOT										0.00	0	0
Total For CLN346										0.00	0	0
CLN346 On 30/06/2017 Spot Bond				100.00000	0.00000	99.90023				0.00	0	0
Total CLN349 SPOT										0.00	0	0
Total For CLN349										0.00	0	0
CLN349 On 28/10/2018 Spot Bond				100.00000	0.00000	101.45987				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN350 On 20/12/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN354 SPOT										0.00	0	0
Total For CLN354										0.00	0	0
CLN354 On 30/04/2018 Spot Bond				100.00000	0.00000	101.43757				0.00	0	0
Total CLN358 SPOT										0.00	0	0
Total For CLN358										0.00	0	0
CLN358 On 24/07/2017 Spot Bond				100.00000	0.00000	101.61707				0.00	0	0
Total CLN359 SPOT										0.00	0	0
Total For CLN359										0.00	0	0
CLN359 On 20/03/2019 Spot Bond				100.00000	0.00000	100.13900				0.00	0	0
Total CLN360 SPOT										0.00	0	0
Total For CLN360										0.00	0	0
CLN360 On 20/03/2024 Spot Bond			10.07000	105.11215	10.07000	105.08408				0.00	0	0
Total CLN362 SPOT										0.00	0	0
Total For CLN362										0.00	0	0
CLN362 On 20/03/2024 Spot Bond				100.00000	0.00000	100.14971				0.00	0	0
Total CLN363 SPOT										0.00	0	0
Total For CLN363										0.00	0	0
CLN363 On 06/08/2023 Spot Bond				100.00000	0.00000	101.48155				0.00	0	0
Total CLN364 SPOT										0.00	0	0
Total For CLN364										0.00	0	0
CLN364 On 20/03/2024 Spot Bond			12.21000	106.91037	12.21000	106.87594				0.00	0	0
Total CLN365 SPOT										0.00	0	0
Total For CLN365										0.00	0	0
CLN365 On 06/08/2023 Spot Bond				100.00000	0.00000	101.53454				0.00	0	0
Total CLN366 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 CLN366										0.00	0	0
CLN366 On 06/08/2023 Spot Bond			12.24000	106.94580	12.24000	106.91071				0.00	0	0
Total CLN367 SPOT										0.00	0	0
Total For CLN367										0.00	0	0
CLN367 On 26/07/2022 Spot Bond			10.02000	108.81846	10.02000	108.78908				0.00	0	0
Total CLN368 SPOT										0.00	0	0
Total For CLN368										0.00	0	0
CLN368 On 06/08/2023 Spot Bond				100.00000	0.00000	99.80044				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	101.64936				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	82.27363				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	100.14768				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	100.15040				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	100.15056				0.00	0	0
Total CLN374 SPOT										0.00	0	0
Total For CLN374										0.00	0	0
CLN374 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89413				0.00	0	0
Total CLN375 SPOT										0.00	0	0
Total For CLN375										0.00	0	0
CLN375 On 20/03/2021 Spot Bond			9.40500	104.09581	9.40500	104.06982				0.00	0	0
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0
CLN376 On 30/06/2017 Spot Bond				100.00000	0.00000	99.90338				0.00	0	0
Total CLN377 SPOT										0.00	0	0
Total For CLN377										0.00	0	0
CLN377 On 20/06/2019 Spot Bond				100.00000	0.00000	96.59307				0.00	0	0
Total CLN378 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 CLN378										0.00	0	0
CLN378 On 20/03/2024 Spot Bond			10.98000	100.79411	10.98000	100.76484				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	102.92262	11.00000	102.89267				0.00	0	0
Total CLN380 SPOT										0.00	0	0
Total For CLN380										0.00	0	0
CLN380 On 20/03/2021 Spot Bond				100.00000	0.00000	100.16618				0.00	0	0
Total CLN382 SPOT										0.00	0	0
Total For CLN382										0.00	0	0
CLN382 On 22/07/2017 Spot Bond				100.00000	0.00000	101.53994				0.00	0	0
Total CLN383 SPOT										0.00	0	0
Total For CLN383										0.00	0	0
CLN383 On 20/09/2024 Spot Bond			12.00000	103.36016	12.00000	103.32744				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	100.18029				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	100.15027				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	101.74029				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	100.15931				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN388 On 06/08/2023 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN389 SPOT										0.00	0	0
Total For CLN389										0.00	0	0
CLN389 On 20/12/2019 Spot Bond				100.00000	0.00000	96.40000				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	100.15119				0.00	0	0
Total CLN394 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 CLN394										0.00	0	0
CLN394 On 02/03/2018 Spot Bond				100.00000	0.00000	100.59302				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	100.16258				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	100.69714				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	101.11283				0.00	0	0
Total CLN398 SPOT										0.00	0	0
Total For CLN398										0.00	0	0
CLN398 On 14/11/2022 Spot Bond				100.00000	0.00000	101.10716				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	100.15109				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN402 On 30/06/2017 Spot Bond				100.00000	0.00000	99.91127				0.00	120,000,000	60,000,000
Total CLN402 SPOT										0.00	120,000,000	60,000,000
Total For CLN402										0.00	120,000,000	60,000,000
CLN403 On 30/06/2017 Spot Bond				100.00000	0.00000	99.90451				0.00	0	0
Total CLN403 SPOT										0.00	0	0
Total For CLN403										0.00	0	0
CLN404 On 21/02/2018 Spot Bond				100.00000	0.00000	101.09887				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	98.25000				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	100.15188				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	102.06141				0.00	0	0
Total CLN409 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 CLN409										0.00	0	0
CLN410 On 20/09/2020 Spot Bond				100.00000	0.00000	100.16625				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	100.16704				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	102.07079				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	100.16465				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	100.19482				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	100.17261				0.00	0	0
Total CLN415 SPOT										0.00	0	0
Total For CLN415										0.00	0	0
CLN416 On 18/07/2020 Spot Bond				100.00000	0.00000	102.19273				0.00	0	0
Total CLN416 SPOT										0.00	0	0
Total For CLN416										0.00	0	0
CLN417 On 20/09/2020 Spot Bond			4.00000	101.07116	4.00000	115.66632				0.00	0	0
Total CLN417 SPOT										0.00	0	0
Total For CLN417										0.00	0	0
CLN418 On 23/09/2020 Spot Bond				100.00000	0.00000	100.08280				0.00	0	0
Total CLN418 SPOT										0.00	0	0
Total For CLN418										0.00	0	0
CLN419 On 20/12/2020 Spot Bond				100.00000	0.00000	100.18059				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN420 On 18/04/2028 Spot Bond			7.01000	47.48688	7.01000	48.07225				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN421 On 20/12/2020 Spot Bond				100.00000	0.00000	100.18218				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0

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 CLN420										0.00	0	0
CLN42 On 26/01/2021 Spot Bond				100.00000	0.00000	102.14382				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0
CLN42 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
CLN42 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
CLN42 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
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	103.11145				0.00	0	0
Total CLN425 SPOT										0.00	0	0
Total For CLN425										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	107.33250				0.00	0	0
Total CLN426 SPOT										0.00	0	0
Total For CLN426										0.00	0	0
CLN42 On 20/12/2018 Spot Bond				100.00000	0.00000	102.23556				0.00	0	0
Total CLN427 SPOT										0.00	0	0
Total For CLN427										0.00	0	0
CLN42 On 15/11/2020 Spot Bond				100.00000	0.00000	101.14863				0.00	0	0
Total CLN428 SPOT										0.00	0	0
Total For CLN428										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	100.21386				0.00	0	0
Total CLN429 SPOT										0.00	0	0
Total For CLN429										0.00	0	0
CLN43 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
CLN43 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
CLN43 On 20/12/2020 Spot Bond				100.00000	0.00000	115.25712				0.00	0	0
Total CLN432 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 CLN432										0.00	0	0
CLN43: 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
CLN43: 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
CLN43: On 30/06/2017 Spot Bond				100.00000	0.00000	99.91202				0.00	0	0
Total CLN435 SPOT										0.00	0	0
Total For CLN435										0.00	0	0
CLN43: On 20/12/2020 Spot Bond				100.00000	0.00000	100.16548				0.00	0	0
Total CLN436 SPOT										0.00	0	0
Total For CLN436										0.00	0	0
CLN43: On 20/12/2020 Spot Bond				100.00000	0.00000	100.15831				0.00	0	0
Total CLN437 SPOT										0.00	0	0
Total For CLN437										0.00	0	0
CLN43: On 03/02/2021 Spot Bond				100.00000	0.00000	101.46975				0.00	0	0
Total CLN439 SPOT										0.00	0	0
Total For CLN439										0.00	0	0
CLN44: On 20/03/2021 Spot Bond				100.00000	0.00000	120.69164				0.00	0	0
Total CLN440 SPOT										0.00	0	0
Total For CLN440										0.00	0	0
CLN44: On 20/03/2021 Spot Bond				100.00000	0.00000	100.29197				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	100.95725				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			10.00500	105.27522	10.00500	105.24730				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN44: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN449 SPOT										0.00	0	0
Total For CLN449										0.00	0	0
CLN45: On 31/01/2022 Spot Bond			4.34500	137.94598	4.34500	137.90262				0.00	0	0
Total CLN452 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 CLN452										0.00	0	0
CLN452 On 31/01/2025 Spot Bond			6.28000	99.11648	6.28000	99.08016				0.00	0	0
Total CLN453 SPOT										0.00	0	0
Total For CLN453										0.00	0	0
CLN453 On 31/01/2025 Spot Bond			5.92000	101.53797	5.92000	101.50174				0.00	0	0
Total CLN454 SPOT										0.00	0	0
Total For CLN454										0.00	0	0
CLN454 On 04/05/2021 Spot Bond				100.00000	0.00000	100.92049				0.00	0	0
Total CLN455 SPOT										0.00	0	0
Total For CLN455										0.00	0	0
CLN455 On 20/12/2021 Spot Bond				100.00000	0.00000	100.18585				0.00	0	0
Total CLN456 SPOT										0.00	0	0
Total For CLN456										0.00	0	0
CLN456 On 17/11/2021 Spot Bond				100.00000	0.00000	101.06536				0.00	0	0
Total CLN457 SPOT										0.00	0	0
Total For CLN457										0.00	0	0
CLN457 On 29/11/2021 Spot Bond				100.00000	0.00000	100.75317				0.00	0	0
Total CLN458 SPOT										0.00	0	0
Total For CLN458										0.00	0	0
CLN458 On 29/11/2021 Spot Bond				100.00000	0.00000	100.74564				0.00	0	0
Total CLN460 SPOT										0.00	0	0
Total For CLN460										0.00	0	0
CLN460 On 15/02/2022 Spot Bond				100.00000	0.00000	101.22569				0.00	0	350,000,000
Total CLN461 SPOT										0.00	0	350,000,000
Total For CLN461										0.00	0	350,000,000
CLN461 On 16/02/2022 Spot Bond			10.57500	105.67682	10.57500	105.64674				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	100.85881				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			9.82000	103.70074	9.82000	103.67373				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	100.29754				0.00	0	0
Total CLN465 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 CLN465										0.00	0	0
CLN465 On 21/02/2024 Spot Bond				100.00000	0.00000	100.95267				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	99.97710				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	99.95240				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	99.95040				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	101.24688				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	101.10418				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	101.15281				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	99.76840				0.00	0	0
Total CLN473 SPOT										0.00	0	0
Total For CLN473										0.00	0	0
CLN473 On 05/10/2022 Spot Bond			10.02000	100.76227	10.02000	100.72318				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	100.59422				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	100.16704				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	11.91593	100.00000	11.88596				0.00	0	0
Total CLN477 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 CLN477										0.00	0	0
CLN55 On 18/04/2028 Spot Bond				100.00000	0.00000	208.96533				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			8.97500	95.69368	8.97500	95.67073				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			8.59000	40.94446	8.59000	180.47455				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			8.59000	41.47479	8.59000	180.97447				0.00	0	0
Total CLN89 SPOT										0.00	0	0
Total For CLN89										0.00	0	0
CLNF08 On 10/07/2017 Spot Bond				100.00000	0.00000	102.05815				0.00	0	0
Total CLNF08 SPOT										0.00	0	0
Total For CLNF08										0.00	0	0
CLNF10 On 24/07/2017 Spot Bond				100.00000	0.00000	101.62564				0.00	0	0
Total CLNF10 SPOT										0.00	0	0
Total For CLNF10										0.00	0	0
CLNF11 On 20/03/2018 Spot Bond				100.00000	0.00000	100.14111				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	100.14734				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	100.59797				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	100.14728				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	100.15268				0.00	0	0
Total CLNF15 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 CLNF15									0.00	0	0
COH00 On 26/11/2018 Spot Bond				100.00000	0.00000	101.19394			0.00	0	0
Total COH001 SPOT									0.00	0	0
Total For COH001									0.00	0	0
COH00 On 15/04/2019 Spot Bond				100.00000	0.00000	101.89310			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			8.50000	100.97382	8.50000	100.95086			0.00	0	900,000,000
Total COJ04 SPOT									0.00	0	900,000,000
Total For COJ04									0.00	0	900,000,000
COJ05 On 05/06/2023 Spot Bond			9.33000	113.60611	9.33000	113.57782			0.00	0	1,000,000,000
Total COJ05 SPOT									0.00	0	1,000,000,000
Total For COJ05									0.00	0	1,000,000,000
COJ07 On 23/03/2021 Spot Bond			9.61500	106.36849	9.61500	106.34134			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			10.57000	105.20731	10.57000	105.17770		10,296,322,617,000.00	974,108,100	330,000,000	
Total COJ08 SPOT								10,296,322,617,000.00	974,108,100	330,000,000	
Total For COJ08								10,296,322,617,000.00	974,108,100	330,000,000	
COJG0 On 09/06/2024 Spot Bond			9.96000	101.57464	9.96000	101.54767			0.00	0	0
Total COJG01 SPOT									0.00	0	0
Total For COJG01									0.00	0	0
COT01 On 03/04/2023 Spot Bond			10.13500	97.69235	10.13500	97.66596			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			11.30000	95.57988	11.30000	95.55119			0.00	0	100,000,000
Total COT02 SPOT									0.00	0	100,000,000
Total For COT02									0.00	0	100,000,000
COT03 On 05/06/2028 Spot Bond			11.32000	89.05001	11.32000	89.02322			0.00	0	0
Total COT03 SPOT									0.00	0	0
Total For COT03									0.00	0	0
CPL01L On 12/12/2019 Spot Bond			100.00000	20.90713	100.00000	20.85649			0.00	0	0
Total CPL01U SPOT									0.00	0	0
Total For CPL01U									0.00	0	0
CPL021 On 25/08/2017 Spot Bond			100.00000		0.00000	100.00000			0.00	0	0
Total CPL021 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 CPL021										0.00	0	0
CPL021 On 23/09/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CPL022 SPOT										0.00	0	0
Total For CPL022										0.00	0	0
CPL022 On 27/11/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CPL024 SPOT										0.00	0	0
Total For CPL024										0.00	0	0
CPL024 On 12/03/2020 Spot Bond			100.00000	16.33365	100.00000	16.29408				0.00	0	0
Total CPL02U SPOT										0.00	0	0
Total For CPL02U										0.00	0	0
CPL02U On 12/12/2018 Spot Bond			100.00000	37.81889	100.00000	37.72727				0.00	0	0
Total CPL03U SPOT										0.00	0	0
Total For CPL03U										0.00	0	0
CPL03U On 30/10/2018 Spot Bond			100.00000	43.95108	100.00000	43.84344				0.00	0	0
Total CPL05U SPOT										0.00	0	0
Total For CPL05U										0.00	0	0
CPL05U On 30/11/2018 Spot Bond			100.00000	40.74051	100.00000	40.64181				0.00	0	0
Total CPL06U SPOT										0.00	0	0
Total For CPL06U										0.00	0	0
CPV01 On 30/06/2029 Spot Bond			11.38000	97.45614	11.38000	97.42635				0.00	0	4,909,034,614
Total CPV01 SPOT										0.00	0	4,909,034,614
Total For CPV01										0.00	0	4,909,034,614
CS001 On 31/03/2018 Spot Bond				100.00000	0.00000	99.90471				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	100.17033				0.00	0	0
Total CS002 SPOT										0.00	0	0
Total For CS002										0.00	0	0
CS003 On 12/08/2021 Spot Bond				100.00000	0.00000	99.84576				0.00	0	0
Total CS003 SPOT										0.00	0	0
Total For CS003										0.00	0	0
CSA04U On 06/06/2020 Spot Bond			100.00000	20.13072	100.00000	20.06788				0.00	0	0
Total CSA04U SPOT										0.00	0	0
Total For CSA04U										0.00	0	0
CSD04U On 06/06/2020 Spot Bond			100.00000	18.70512	100.00000	18.64672				0.00	0	0
Total CSD04U 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 CSD04U										0.00	0	0
DEN38 On 10/06/2018 Spot Bond			100.00000	57.38546	100.00000	57.24644				0.00	0	0
Total DEN38U SPOT										0.00	0	0
Total For DEN38U										0.00	0	0
DEN39 On 10/06/2018 Spot Bond			100.00000	53.35526	100.00000	53.22601				0.00	0	0
Total DEN39U SPOT										0.00	0	0
Total For DEN39U										0.00	0	0
DEN40 On 10/06/2018 Spot Bond			100.00000	57.74550	100.00000	57.60561				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			8.22500	101.28457	8.22500	101.26222				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	101.63444	6.86000	101.61567				0.00	0	0
Total DENG44/R203 SPOT										0.00	0	0
Total For DENG44/R203										0.00	0	0
DENG6 On 29/08/2017 Spot Bond				100.00000	0.00000	100.64641				0.00	0	0
Total DENG64 SPOT										0.00	0	0
Total For DENG64										0.00	0	0
DENG6 On 22/09/2017 Spot Bond				100.00000	0.00000	100.09154				0.00	0	0
Total DENG65 SPOT										0.00	0	0
Total For DENG65										0.00	0	0
DENG6 On 29/08/2017 Spot Bond				100.00000	0.00000	100.64641				0.00	0	0
Total DENG67 SPOT										0.00	0	0
Total For DENG67										0.00	0	0
DENG6 On 29/08/2017 Spot Bond				100.00000	0.00000	100.64641				0.00	0	0
Total DENG68 SPOT										0.00	0	0
Total For DENG68										0.00	0	0
DENG6 On 29/08/2017 Spot Bond				100.00000	0.00000	98.55710				0.00	0	0
Total DENG69 SPOT										0.00	0	0
Total For DENG69										0.00	0	0
DLTB03 On 09/10/2017 Spot Bond				100.00000	0.00000	101.99932				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	99.09029	100.00000	98.82745				0.00	0	0
DLTB03 On 09/10/2017 Spot Bond			100.00000	99.09029	100.00000	98.82745				0.00	0	0

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 DLTB03/JIBAR SPOT										0.00	0	0
Total For DLTB03/JIBAR										0.00	0	0
DNG60 On 04/08/2017 Spot Bond			100.00000	92.00319	100.00000	91.77545				0.00	0	0
Total DNG60U SPOT										0.00	0	0
Total For DNG60U										0.00	0	0
DOL00 On 20/09/2018 Spot Bond				100.00000	0.00000	100.19128				0.00	0	0
Total DOL003 SPOT										0.00	0	0
Total For DOL003										0.00	0	0
DOL00 On 24/01/2019 Spot Bond				100.00000	0.00000	102.43759				0.00	0	0
Total DOL004 SPOT										0.00	0	0
Total For DOL004										0.00	0	0
DOL00 On 20/12/2019 Spot Bond				100.00000	0.00000	68.64136				0.00	0	0
Total DOL009 SPOT										0.00	0	0
Total For DOL009										0.00	0	0
DV2021 On 18/06/2021 Spot Bond			9.17500	99.74329	9.17500	99.71884				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			8.72000	105.31064	8.72000	105.28581				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	23.80896	100.00000	23.75569				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			9.59000	105.04998	9.59000	105.02280		32,030,600,000,000.00		3,340,000,000	1,870,000,000	
Total DV23 SPOT								32,030,600,000,000.00		3,340,000,000	1,870,000,000	
Total For DV23								32,030,600,000,000.00		3,340,000,000	1,870,000,000	
DV23/R On 27/02/2023 Spot Bond			100.00000	13.99175	100.00000	13.96044				0.00	0	0
DV23/R On 27/02/2023 Spot Bond			100.00000	13.99175	100.00000	13.96044				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			9.67000	103.52595	9.67000	103.49895				0.00	0	0
Total DV24 SPOT										0.00	0	0
Total For DV24										0.00	0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	103.42952	9.69000	103.40249				0.00	0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	103.42952	9.69000	103.40249				0.00	0	0
Total DV24/R2023 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 DV24/R2023										0.00	0	0
DV29 On 18/02/2029 Spot Bond			11.04000	97.49323	11.04000	97.46430				0.00	0	0
Total DV29 SPOT										0.00	0	0
Total For DV29										0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	103.57361	10.10000	103.54543				0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	103.57361	10.10000	103.54543				0.00	0	0
Total DV29/R213 SPOT										0.00	0	0
Total For DV29/R213										0.00	0	0
DVC02 On 24/08/2017 Spot Bond				100.00000	0.00000	100.71865				0.00	0	0
Total DVC027 SPOT										0.00	0	0
Total For DVC027										0.00	0	0
DVC02 On 19/02/2018 Spot Bond				100.00000	0.00000	100.87849				0.00	141,000,000	1,066,000,000
Total DVC028 SPOT										0.00	141,000,000	1,066,000,000
Total For DVC028										0.00	141,000,000	1,066,000,000
DVC25 On 29/08/2017 Spot Bond				100.00000	0.00000	100.67367				0.00	0	0
Total DVC25 SPOT										0.00	0	0
Total For DVC25										0.00	0	0
DVC26 On 29/11/2017 Spot Bond				100.00000	0.00000	100.65146				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	99.87600				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	101.29406				0.00	0	0
Total DVF19 SPOT										0.00	0	0
Total For DVF19										0.00	0	0
DVF20 On 29/11/2019 Spot Bond				100.00000	0.00000	100.68543				0.00	0	0
Total DVF20 SPOT										0.00	0	0
Total For DVF20										0.00	0	0
DVF20 On 28/03/2020 Spot Bond				100.00000	0.00000	99.95541				0.00	0	0
Total DVF20B SPOT										0.00	0	0
Total For DVF20B										0.00	0	0
DVF21 On 29/11/2021 Spot Bond				100.00000	0.00000	100.70949				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	99.95390				0.00	0	45,000,000

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 DVF22 SPOT									0.00	0	45,000,000
Total For DVF22									0.00	0	45,000,000
E170 On 01/08/2020 Spot Bond			8.39000	119.10880	8.39000	119.08176			38,951,414,000.00	4,642,600	102,321,300
Total E170 SPOT									38,951,414,000.00	4,642,600	102,321,300
Total For E170									38,951,414,000.00	4,642,600	102,321,300
E170/R On 01/08/2020 Spot Bond			100.00000	25.74425	100.00000	25.68664			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			9.11000	104.00039	9.11000	103.97521			0.00	0	0
Total ECN20 SPOT									0.00	0	0
Total For ECN20									0.00	0	0
ECN22 On 14/03/2022 Spot Bond			9.21500	104.76416	9.21500	104.73852			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			9.61000	104.46453	9.61000	104.43789			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			3.53000	104.79160	3.53000	104.76114			0.00	0	0
Total ECN32 SPOT									0.00	0	0
Total For ECN32									0.00	0	0
EFC04 On 31/08/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total EFC04 SPOT									0.00	0	0
Total For EFC04									0.00	0	0
EFS00E On 23/10/2023 Spot Bond				100.00000	0.00000	102.08339			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	100.00000			0.00	0	0
Total EFS0A1 SPOT									0.00	0	0
Total For EFS0A1									0.00	0	0
EFS0A On 28/10/2023 Spot Bond				100.00000	0.00000	101.68387			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	19.25914	100.00000	19.21198			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			3.11000	101.47498	3.11000	101.44648			0.00	0	0

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 EL037 SPOT										0.00	0	0
Total For EL037										0.00	0	0
EL037/I On 31/01/2037 Spot Bond			2.25000	115.88447	2.25000	115.85464				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			3.16000	126.95577	3.16000	126.92012				0.00	0	0
Total EL28 SPOT										0.00	0	0
Total For EL28										0.00	0	0
EL29 On 19/11/2029 Spot Bond			3.17000	113.58686	3.17000	113.55494				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			3.19000	113.36837	3.19000	113.33628				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			3.17000	104.69363	3.17000	104.66415				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			3.10000	102.16818	3.10000	102.13951				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	115.88447	2.25000	115.85464				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			9.20500	107.92795	9.20500	107.90112				0.00	0	0
Total EMM01 SPOT										0.00	0	0
Total For EMM01										0.00	0	0
EMM02 On 11/03/2021 Spot Bond			9.28500	107.53151	9.28500	107.50499				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			10.37000	99.90600	10.37000	99.87856				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			10.82500	90.49298	10.82500	94.60084				0.00	0	0
Total EMM04 SPOT										0.00	0	0
Total For EMM04										0.00	0	0
EMM05 On 17/04/2029 Spot Bond			11.09000	99.30758	11.09000	100.26740				0.00	0	2,733,333,100

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 EMM05 SPOT										0.00	0	2,733,333,100
Total For EMM05										0.00	0	2,733,333,100
EMM06 On 23/06/2025 Spot Bond			10.47000	98.93782	10.47000	99.38087				0.00	0	0
Total EMM06 SPOT										0.00	0	0
Total For EMM06										0.00	0	0
EPF002 On 28/05/2018 Spot Bond				100.00000	0.00000	100.69752				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	101.22303				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	100.93088				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	100.59929				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	100.45152				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	99.91071				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	101.24020				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	100.35956				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	34.90097	100.00000	34.81643				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	14.29544	100.00000	14.26081				0.00	0	0
Total EPF02U SPOT										0.00	0	0
Total For EPF02U										0.00	0	0
EPFC2 On 06/09/2017 Spot Bond				100.00000	0.00000	100.47457				0.00	0	0

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 EPFC27 SPOT										0.00	0	0
Total For EPFC27										0.00	0	0
EPFC27 On 06/11/2017 Spot Bond				100.00000	0.00000	101.15657				0.00	0	0
Total EPFC29 SPOT										0.00	0	0
Total For EPFC29										0.00	0	0
EPFC29 On 02/03/2018 Spot Bond				100.00000	0.00000	100.46869				0.00	0	0
Total EPFC30 SPOT										0.00	0	0
Total For EPFC30										0.00	0	0
EPFC30 On 06/09/2017 Spot Bond				100.00000	0.00000	102.55452				0.00	0	0
Total EPFC31 SPOT										0.00	0	0
Total For EPFC31										0.00	0	0
EPFC31 On 03/11/2017 Spot Bond				100.00000	0.00000	101.16688				0.00	0	0
Total EPFC32 SPOT										0.00	0	0
Total For EPFC32										0.00	0	0
EQS05 On 28/04/2019 Spot Bond			100.00000	33.73673	100.00000	33.65410				0.00	0	0
Total EQS05 SPOT										0.00	0	0
Total For EQS05										0.00	0	0
EQS05 On 09/04/2018 Spot Bond				100.00000	0.00000	97.95029				0.00	0	0
Total EQS06 SPOT										0.00	0	0
Total For EQS06										0.00	0	0
EQS06 On 09/04/2018 Spot Bond			12.43000	99.09596	12.43000	99.06332				0.00	0	0
Total EQS07 SPOT										0.00	0	0
Total For EQS07										0.00	0	0
EQS07 On 04/10/2018 Spot Bond				100.00000	0.00000	98.50868				0.00	0	0
Total EQS08A SPOT										0.00	0	0
Total For EQS08A										0.00	0	0
EQS08A On 04/10/2018 Spot Bond			100.00000	45.62132	100.00000	45.50958				0.00	0	0
EQS08A On 04/10/2018 Spot Bond			100.00000	45.69386	100.00000	45.58195				0.00	0	0
Total EQS08A/JIBAR SPOT										0.00	0	0
Total For EQS08A/JIBAR										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERS3B3 SPOT										0.00	0	0
Total For ERS3B3										0.00	0	0
ERS3B3 On 17/08/2019 Spot Bond				100.00000	0.00000	101.02215				0.00	0	0
Total ERS3B4 SPOT										0.00	0	0
Total For ERS3B4										0.00	0	0

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 17/05/2019 Spot Bond				100.00000	0.00000	101.02867			0.00	0	0
Total ERS3B5 SPOT									0.00	0	0
Total For ERS3B5									0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ERS3C3 SPOT									0.00	0	0
Total For ERS3C3									0.00	0	0
ERS3C On 17/08/2019 Spot Bond				100.00000	0.00000	101.07612			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	101.13520			0.00	0	0
Total ERS3C5 SPOT									0.00	0	0
Total For ERS3C5									0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ERSA12 SPOT									0.00	0	0
Total For ERSA12									0.00	0	0
ERSA1: On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100			0.00	0	0
Total ERSA12/JIBAR SPOT									0.00	0	0
Total For ERSA12/JIBAR									0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ERSA14 SPOT									0.00	0	0
Total For ERSA14									0.00	0	0
ERSA1: On 17/08/2017 Spot Bond				100.00000	0.00000	100.98454			0.00	0	0
Total ERSA15 SPOT									0.00	0	0
Total For ERSA15									0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ERSA16 SPOT									0.00	0	0
Total For ERSA16									0.00	0	0
ERSA1: On 17/08/2018 Spot Bond				100.00000	0.00000	100.85413			0.00	0	0
Total ERSA17 SPOT									0.00	0	0
Total For ERSA17									0.00	0	0
ERSA1: On 17/08/2017 Spot Bond				100.00000	0.00000	100.94667			0.00	0	0
Total ERSA18 SPOT									0.00	0	0
Total For ERSA18									0.00	0	0
ERSA1: On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total ERSA19 SPOT									0.00	0	0
Total For ERSA19									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ERSA2 On 17/08/2018 Spot Bond				100.00000	0.00000	101.20021			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	100.58749			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	101.44358			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	101.01135			0.00	0	0
Total ERSA23 SPOT									0.00	0	0
Total For ERSA23									0.00	0	0
ES18 On 20/04/2018 Spot Bond			8.30000	102.42999	8.30000	102.40724			0.00	0	40,890,000,000
Total ES18 SPOT									0.00	0	40,890,000,000
Total For ES18									0.00	0	40,890,000,000
ES18/R On 20/04/2018 Spot Bond			9.25000	101.69422	9.25000	101.66910			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			9.00000	108.52298	9.00000	108.49659		351,156,600,000.00		39,017,400	83,713,600
Total ES23 SPOT								351,156,600,000.00		39,017,400	83,713,600
Total For ES23								351,156,600,000.00		39,017,400	83,713,600
ES23/R On 25/01/2023 Spot Bond			10.00000	104.21048	10.00000	104.18239			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			9.71000	91.00968	9.71000	90.98611		1,681,737,044,000.00		173,196,400	12,386,598,200
Total ES26 SPOT								1,681,737,044,000.00		173,196,400	12,386,598,200
Total For ES26								1,681,737,044,000.00		173,196,400	12,386,598,200
ES26/R On 02/04/2026 Spot Bond			7.85000	101.82572	7.85000	101.80430			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			10.75000	77.39619	10.78000	77.18982		3,496,302,050,000.00		325,237,400	56,399,400,000
Total ES33 SPOT								3,496,302,050,000.00		325,237,400	56,399,400,000
Total For ES33								3,496,302,050,000.00		325,237,400	56,399,400,000
ES33/R On 15/09/2033 Spot Bond			7.50000	102.10259	7.50000	102.08216			0.00	0	0
Total ES33/R209 SPOT									0.00	0	0
Total For ES33/R209									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES42 On 25/04/2042 Spot Bond			10.94500	80.68379	10.94500	80.66032			977,244,026,000.00	89,286,800	15,944,643,400
Total ES42 SPOT									977,244,026,000.00	89,286,800	15,944,643,400
Total For ES42									977,244,026,000.00	89,286,800	15,944,643,400
ES42/R On 25/04/2042 Spot Bond			8.50000	101.44319	8.50000	101.42013			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	99.35642			0.00	435,000,000	255,000,000
Total EXX02 SPOT									0.00	435,000,000	255,000,000
Total For EXX02									0.00	435,000,000	255,000,000
FBJ20Z On 20/03/2020 Spot Bond				100.00000	0.00000	100.14812			0.00	0	0
Total FBJ20Z SPOT									0.00	0	0
Total For FBJ20Z									0.00	0	0
FBJ22Z On 20/03/2022 Spot Bond				100.00000	0.00000	100.15275			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	44.47246	100.00000	44.36472			0.00	0	30,000,000,000
Total FIF01U SPOT									0.00	0	30,000,000,000
Total For FIF01U									0.00	0	30,000,000,000
FIF02U On 01/11/2019 Spot Bond			100.00000	24.33720	100.00000	24.27825			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	16.20695	100.00000	16.16769			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	12.97692	100.00000	12.94549			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	13.32623	100.00000	13.29394			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	10.57664	100.00000	10.55102			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	100.88204			0.00	0	0
Total FIFB04 SPOT									0.00	0	0
Total For FIFB04									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FIFB06 On 25/08/2017 Spot Bond				100.00000	0.00000	100.79477				0.00	0	0
Total FIFB06 SPOT										0.00	0	0
Total For FIFB06										0.00	0	0
FIFB07 On 27/11/2017 Spot Bond				100.00000	0.00000	100.70128				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	100.66409				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	99.97634				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	100.65267				0.00	0	0
Total FIFB10 SPOT										0.00	0	0
Total For FIFB10										0.00	0	0
FIFB11 On 07/02/2020 Spot Bond				100.00000	0.00000	101.23615				0.00	250,000,000	180,000,000
Total FIFB11 SPOT										0.00	250,000,000	180,000,000
Total For FIFB11										0.00	250,000,000	180,000,000
FIFB12 On 13/08/2020 Spot Bond				100.00000	0.00000	101.06761				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	6.53493	100.00000	6.52199				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	0.41426	100.00000	0.41326				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	0.41426	100.00000	0.41326				0.00	0	0
Total FPB1U SPOT										0.00	0	0
Total For FPB1U										0.00	0	0
FR002L On 02/08/2023 Spot Bond			100.00000	12.10107	100.00000	12.07175				0.00	0	0
Total FR002U SPOT										0.00	0	0
Total For FR002U										0.00	0	0
FR003L On 02/08/2023 Spot Bond			100.00000	11.78725	100.00000	11.75870				0.00	0	0
Total FR003U SPOT										0.00	0	0
Total For FR003U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FR2A4/ On 15/09/2023 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FR2A4A SPOT									0.00	0	0
Total For FR2A4A									0.00	0	0
FR2A4f On 15/09/2023 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FR2A4B SPOT									0.00	0	0
Total For FR2A4B									0.00	0	0
FR2A4(On 15/09/2023 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FR2A4C SPOT									0.00	0	0
Total For FR2A4C									0.00	0	0
FR2A4[On 15/09/2023 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FR2A4D SPOT									0.00	0	0
Total For FR2A4D									0.00	0	0
FRB05 On 21/12/2018 Spot Bond			9.23000	99.14536	9.23000	99.12091			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	100.97484			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	101.07755			0.00	700,000,000	530,000,000
Total FRB12 SPOT									0.00	700,000,000	530,000,000
Total For FRB12									0.00	700,000,000	530,000,000
FRB13 On 02/06/2021 Spot Bond				100.00000	0.00000	97.42380			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			10.60500	98.76321	10.60500	98.73533			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	102.35611			0.00	780,000,000	790,000,000
Total FRB15 SPOT									0.00	780,000,000	790,000,000
Total For FRB15									0.00	780,000,000	790,000,000
FRB16 On 08/07/2020 Spot Bond				100.00000	0.00000	103.20369			0.00	940,000,000	470,000,000
Total FRB16 SPOT									0.00	940,000,000	470,000,000
Total For FRB16									0.00	940,000,000	470,000,000
FRB17 On 08/01/2022 Spot Bond				100.00000	0.00000	102.27765			0.00	0	0
Total FRB17 SPOT									0.00	0	0
Total For FRB17									0.00	0	0

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 08/01/2027 Spot Bond			100.00000	13.28041	100.00000	13.24789			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	104.32770			0.00	800,000,000	400,000,000
Total FRB18 SPOT									0.00	800,000,000	400,000,000
Total For FRB18									0.00	800,000,000	400,000,000
FRB19 On 14/04/2021 Spot Bond			11.30500	105.59593	11.30500	105.56421			0.00	0	0
Total FRB19 SPOT									0.00	0	0
Total For FRB19									0.00	0	0
FRB20 On 15/04/2026 Spot Bond				100.00000	0.00000	103.70563			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	101.02231			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	100.55711			0.00	530,000,000	310,000,000
Total FRB22 SPOT									0.00	530,000,000	310,000,000
Total For FRB22									0.00	530,000,000	310,000,000
FRBC2 On 21/12/2018 Spot Bond			10.24000	102.55884	10.24000	102.53086			0.00	0	100,000,000
Total FRBC21 SPOT									0.00	0	100,000,000
Total For FRBC21									0.00	0	100,000,000
FRBC2 On 21/12/2018 Spot Bond				100.00000	0.00000	102.04350			0.00	0	0
Total FRBC22 SPOT									0.00	0	0
Total For FRBC22									0.00	0	0
FRBI22 On 31/01/2022 Spot Bond			3.24500	144.48560	3.24500	144.44449		129,800,000,000.00		40,000,000	20,000,000
Total FRBI22 SPOT								129,800,000,000.00		40,000,000	20,000,000
Total For FRBI22								129,800,000,000.00		40,000,000	20,000,000
FRBI23 On 07/12/2023 Spot Bond			3.65000	110.83821	3.65000	275.09999		1,314,000,000,000.00		360,000,000	180,000,000
Total FRBI23 SPOT								1,314,000,000,000.00		360,000,000	180,000,000
Total For FRBI23								1,314,000,000,000.00		360,000,000	180,000,000
FRBI25 On 31/01/2025 Spot Bond			3.68000	111.20134	3.68000	118.17114		0.00		0	0
Total FRBI25 SPOT								0.00		0	0
Total For FRBI25								0.00		0	0
FRBI28 On 31/03/2028 Spot Bond			4.05000	88.07646	4.05000	159.28555		81,000,000,000.00		20,000,000	10,000,000
Total FRBI28 SPOT								81,000,000,000.00		20,000,000	10,000,000
Total For FRBI28								81,000,000,000.00		20,000,000	10,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRBI33 On 07/12/2033 Spot Bond			4.21000	91.23300	4.21000	191.73774				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			4.26000	88.57974	4.26000	88.80360				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			4.24000	90.17761	4.24000	90.74965				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			8.93000	74.59002	8.93000	74.75556				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			10.05000	49.52841	10.05000	49.77711				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			10.08000	48.87337	10.08000	49.11784				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	97.96078	100.00000	97.70367				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	66.96159	100.00000	66.79759				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	100.67096				0.00	0	0
Total FRC107 SPOT										0.00	0	0
Total For FRC107										0.00	0	0
FRC125 On 20/09/2017 Spot Bond			6.00000	100.11622	6.00000	100.00000				0.00	0	0
Total FRC125 SPOT										0.00	0	0
Total For FRC125										0.00	0	0
FRC126 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC126 SPOT										0.00	0	0
Total For FRC126										0.00	0	0
FRC127 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC127 SPOT										0.00	0	0
Total For FRC127										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC129 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC129 SPOT										0.00	0	0
Total For FRC129										0.00	0	0
FRC130 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC130 SPOT										0.00	0	0
Total For FRC130										0.00	0	0
FRC131 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC131 SPOT										0.00	0	0
Total For FRC131										0.00	0	0
FRC132 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC132 SPOT										0.00	0	0
Total For FRC132										0.00	0	0
FRC133 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC133 SPOT										0.00	0	0
Total For FRC133										0.00	0	0
FRC134 On 20/09/2017 Spot Bond				100.00000	0.00000	100.20876				0.00	0	0
Total FRC134 SPOT										0.00	0	0
Total For FRC134										0.00	0	0
FRC136 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC136 SPOT										0.00	0	0
Total For FRC136										0.00	0	0
FRC137 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC137 SPOT										0.00	0	0
Total For FRC137										0.00	0	0
FRC138 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC138 SPOT										0.00	0	0
Total For FRC138										0.00	0	0
FRC139 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC139 SPOT										0.00	0	0
Total For FRC139										0.00	0	0
FRC140 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC140 SPOT										0.00	0	0
Total For FRC140										0.00	0	0
FRC141 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC141 SPOT										0.00	0	0
Total For FRC141										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC142 SPOT										0.00	0	0
Total For FRC142										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.15080				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	101.66137				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	100.16362				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	99.63310	5.76400	98.00000				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	100.16526				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	100.15259				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	100.15692				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	100.19930				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	100.15452				0.00	0	0
Total FRC161 SPOT										0.00	0	0
Total For FRC161										0.00	0	0
FRC16: On 14/12/2018 Spot Bond			13.22500	85.38138	13.22500	85.35120				0.00	0	0
Total FRC162 SPOT										0.00	0	0
Total For FRC162										0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	100.14692				0.00	0	0
Total FRC163 SPOT										0.00	0	0
Total For FRC163										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRC166 On 20/03/2018 Spot Bond				100.00000	0.00000	100.14708			0.00	0	0
Total FRC166 SPOT									0.00	0	0
Total For FRC166									0.00	0	0
FRC167 On 20/03/2018 Spot Bond				100.00000	0.00000	100.20528			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	100.11564			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			4.37500	108.95546	4.37500	112.68804			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	100.15860			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	100.14469			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	99.68954			0.00	0	0
Total FRC172 SPOT									0.00	0	0
Total For FRC172									0.00	0	0
FRC173 On 30/06/2017 Spot Bond				100.00000	0.00000	99.89809			0.00	0	0
Total FRC173 SPOT									0.00	0	0
Total For FRC173									0.00	0	0
FRC174 On 20/06/2018 Spot Bond				100.00000	0.00000	100.15860			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	100.15048			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	100.14743			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	101.46830			0.00	0	0
Total FRC178 SPOT									0.00	0	0
Total For FRC178									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC17: On 20/09/2020 Spot Bond				100.00000	0.00000	100.16895				0.00	0	0
Total FRC179 SPOT										0.00	0	0
Total For FRC179										0.00	0	0
FRC18: On 06/08/2023 Spot Bond				100.00000	0.00000	114.20865				0.00	0	0
Total FRC181 SPOT										0.00	0	0
Total For FRC181										0.00	0	0
FRC18: On 20/12/2018 Spot Bond				100.00000	0.00000	103.34467				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	100.19118				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	100.13339				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	100.15707				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	102.14145				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	109.09900	10.00000	109.07100				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	100.16444				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	100.67558				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	12.56363	100.00000	12.53320				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	11.77820	100.00000	11.74966				0.00	0	0
Total FRC208 SPOT										0.00	0	0
Total For FRC208										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC209 On 07/10/2020 Spot Bond				100.00000	0.00000	105.07814				0.00	0	0
Total FRC209 SPOT										0.00	0	0
Total For FRC209										0.00	0	0
FRC210 On 20/12/2019 Spot Bond			100.00000	22.48673	100.00000	22.43226				0.00	0	0
FRC210 On 20/12/2019 Spot Bond				100.00000	0.00000	100.16175				0.00	0	0
Total FRC210 SPOT										0.00	0	0
Total For FRC210										0.00	0	0
FRC211 On 29/10/2017 Spot Bond			100.00000	93.82559	100.00000	93.58985				0.00	0	0
Total FRC211 SPOT										0.00	0	0
Total For FRC211										0.00	0	0
FRC212 On 07/05/2020 Spot Bond				100.00000	0.00000	101.26281				0.00	0	0
Total FRC212 SPOT										0.00	0	0
Total For FRC212										0.00	0	0
FRC213 On 04/06/2021 Spot Bond			100.00000	13.38638	100.00000	13.35396				0.00	0	0
Total FRC213 SPOT										0.00	0	0
Total For FRC213										0.00	0	0
FRC214 On 07/11/2017 Spot Bond			100.00000	91.97121	100.00000	91.74689				0.00	0	0
Total FRC214 SPOT										0.00	0	0
Total For FRC214										0.00	0	0
FRC215 On 07/11/2019 Spot Bond				100.00000	0.00000	101.26277				0.00	0	0
Total FRC215 SPOT										0.00	0	0
Total For FRC215										0.00	0	0
FRC216 On 07/11/2017 Spot Bond			100.00000	91.96446	100.00000	91.74015				0.00	0	0
Total FRC216 SPOT										0.00	0	0
Total For FRC216										0.00	0	0
FRC217 On 07/11/2017 Spot Bond				100.00000	0.00000	101.26012				0.00	0	0
Total FRC217 SPOT										0.00	0	0
Total For FRC217										0.00	0	0
FRC218 On 07/11/2017 Spot Bond				100.00000	0.00000	101.20567				0.00	0	0
Total FRC218 SPOT										0.00	0	0
Total For FRC218										0.00	0	0
FRC219 On 04/11/2019 Spot Bond				100.00000	0.00000	101.37128				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC220 On 04/11/2017 Spot Bond				100.00000	0.00000	101.29929				0.00	0	0
Total FRC220 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 FRC220										0.00	0	0
FRC22: On 31/01/2022 Spot Bond			3.75500	141.40970	3.75500	141.36751				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	100.91053				0.00	0	0
Total FRC225 SPOT										0.00	0	0
Total For FRC225										0.00	0	0
FRC23: On 25/06/2018 Spot Bond				100.00000	0.00000	100.00007				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			4.61500	136.39392	4.61500	136.35004				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	100.22916				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	112.11006				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	118.98410				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	112.68214				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	119.78804				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	118.66202				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	112.08753				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	111.66819				0.00	0	0
Total FRC242 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 FRC242										0.00	0	0
FRC24: On 19/10/2020 Spot Bond				100.00000	0.00000	103.70767				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	111.75975				0.00	0	0
Total FRC244 SPOT										0.00	0	0
Total For FRC244										0.00	0	0
FRC24: On 19/10/2020 Spot Bond				100.00000	0.00000	103.67091				0.00	0	0
Total FRC245 SPOT										0.00	0	0
Total For FRC245										0.00	0	0
FRC24: On 19/10/2020 Spot Bond				100.00000	0.00000	102.95300				0.00	0	0
Total FRC246 SPOT										0.00	0	0
Total For FRC246										0.00	0	0
FRC24: On 08/02/2020 Spot Bond				100.00000	0.00000	111.58765				0.00	0	0
Total FRC247 SPOT										0.00	0	0
Total For FRC247										0.00	0	0
FRC24: On 08/02/2020 Spot Bond				100.00000	0.00000	100.75008				0.00	0	0
Total FRC248 SPOT										0.00	0	0
Total For FRC248										0.00	0	0
FRC24: On 19/10/2020 Spot Bond				100.00000	0.00000	116.95919				0.00	0	0
Total FRC249 SPOT										0.00	0	0
Total For FRC249										0.00	0	0
FRC25: On 19/10/2020 Spot Bond				100.00000	0.00000	97.18863				0.00	0	0
Total FRC250 SPOT										0.00	0	0
Total For FRC250										0.00	0	0
FRC25: On 13/02/2022 Spot Bond				100.00000	0.00000	101.24887				0.00	0	0
Total FRC251 SPOT										0.00	0	0
Total For FRC251										0.00	0	0
FRC25: On 14/03/2022 Spot Bond				100.00000	0.00000	98.00578				0.00	0	0
Total FRC252 SPOT										0.00	0	0
Total For FRC252										0.00	0	0
FRC46 On 10/09/2017 Spot Bond				100.00000	0.00000	100.37366				0.00	0	0
Total FRC46 SPOT										0.00	0	0
Total For FRC46										0.00	0	0
FRC61 On 28/07/2017 Spot Bond				100.00000	0.00000	101.55624				0.00	0	0
Total FRC61 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 FRC61									0.00	0	0
FRC66 On 31/01/2022 Spot Bond			4.27500	108.99078	4.27500	138.30848			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			4.33500	102.50431	4.33500	137.96051			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			4.31500	100.86489	4.31500	138.07639			0.00	0	0
Total FRC71 SPOT									0.00	0	0
Total For FRC71									0.00	0	0
FRC76 On 28/07/2017 Spot Bond				100.00000	0.00000	101.71968			0.00	0	0
Total FRC76 SPOT									0.00	0	0
Total For FRC76									0.00	0	0
FRD01 On 31/10/2020 Spot Bond				100.00000	0.00000	101.92367			0.00	0	0
Total FRD013 SPOT									0.00	0	0
Total For FRD013									0.00	0	0
FRD01 On 22/12/2018 Spot Bond			100.00000	37.94848	100.00000	37.85656			0.00	0	0
Total FRD01U SPOT									0.00	0	0
Total For FRD01U									0.00	0	0
FRD09 On 26/06/2017 Spot Bond			100.00000	99.72678	100.00000	100.00000			0.00	0	0
Total FRD09U SPOT									0.00	0	0
Total For FRD09U									0.00	0	0
FRD13 On 31/12/2019 Spot Bond			100.00000	18.68575	100.00000	18.63998			0.00	0	0
Total FRD13U SPOT									0.00	0	0
Total For FRD13U									0.00	0	0
FRD15 On 31/12/2017 Spot Bond			100.00000	67.31573	100.00000	69.77278			0.00	0	0
Total FRD15U SPOT									0.00	0	0
Total For FRD15U									0.00	0	0
FRI33 On 28/02/2033 Spot Bond			4.02000	84.56429	4.02000	85.10511		321,600,000,000.00	80,000,000	50,000,000	
Total FRI33 SPOT								321,600,000,000.00	80,000,000	50,000,000	
Total For FRI33								321,600,000,000.00	80,000,000	50,000,000	
FRI38 On 31/01/2038 Spot Bond			4.04000	100.13397	4.04000	100.10750		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	101.37664		0.00	0	0	
Total FRJ18 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 FRJ18									0.00	0	0
FRJ19 On 04/04/2019 Spot Bond				100.00000	0.00000	102.09326			0.00	20,000,000	10,000,000
Total FRJ19 SPOT									0.00	20,000,000	10,000,000
Total For FRJ19									0.00	20,000,000	10,000,000
FRJ20 On 20/09/2020 Spot Bond				100.00000	0.00000	99.37447			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	99.41406			0.00	40,000,000	220,000,000
Total FRJ21 SPOT									0.00	40,000,000	220,000,000
Total For FRJ21									0.00	40,000,000	220,000,000
FRJ22 On 07/03/2022 Spot Bond				100.00000	0.00000	100.69842			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	101.42506			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	101.80723			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	6.80759	100.00000	6.79467			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	6.80759	100.00000	6.79467			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			2.57800	84.63636	2.57800	109.67450			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			2.96000	109.36022	2.96000	118.50853			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	101.48841			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	101.48841			0.00	0	0
Total FRS104 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 FRS104										0.00	0	0
FRS104 On 31/01/2038 Spot Bond			3.10000	106.78727	3.10000	115.90452				0.00	0	0
Total FRS108 SPOT										0.00	0	0
Total For FRS108										0.00	0	0
FRS108 On 07/12/2033 Spot Bond			3.22000	216.75745	3.22000	216.69612				0.00	0	0
Total FRS109 SPOT										0.00	0	0
Total For FRS109										0.00	0	0
FRS109 On 31/01/2038 Spot Bond			4.05500	99.90815	4.05500	99.87753				0.00	0	0
Total FRS110 SPOT										0.00	0	0
Total For FRS110										0.00	0	0
FRS110 On 07/12/2033 Spot Bond			3.25000	215.94486	3.25000	215.88358				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	101.78040				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			3.63000	118.61210	3.63000	118.57711				0.00	0	0
Total FRS114 SPOT										0.00	0	0
Total For FRS114										0.00	0	0
FRS114 On 31/03/2038 Spot Bond			3.26500	112.95574	3.26500	112.92354				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			3.26500	112.95574	3.26500	112.92354				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			3.37000	117.86027	3.37000	212.67019				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			3.42000	211.40938	3.42000	211.34845				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			3.16000	107.25076	3.16000	107.22049				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			3.45000	210.62107	3.45000	210.56019				0.00	0	0
Total FRS123 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 FRS123										0.00	0	0
FRS123 On 31/01/2038 Spot Bond			4.17500	98.09131	4.17500	98.06093				0.00	0	0
Total FRS124 SPOT										0.00	0	0
Total For FRS124										0.00	0	0
FRS124 On 31/03/2028 Spot Bond			3.80500	162.92951	3.80500	162.88086				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			3.99000	88.08707	3.99000	100.87882				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			3.78000	103.76481	3.78000	163.25298				0.00	0	0
Total FRS129 SPOT										0.00	0	0
Total For FRS129										0.00	0	0
FRS129 On 11/08/2017 Spot Bond			100.00000	92.85244	100.00000	92.62652				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			3.84000	162.41020	3.84000	162.36155				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			3.96000	197.75278	3.96000	197.69292				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	102.06052				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			3.92000	88.73578	3.92000	101.97095				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			4.17500	85.28192	4.17500	98.06093				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			3.70000	104.05404	3.70000	105.49901				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			3.65000	165.25248	3.65000	165.20382				0.00	0	0
Total FRS137 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 FRS137										0.00	0	0
FRS137 On 07/12/2033 Spot Bond			3.73000	203.43359	3.73000	203.37326				0.00	0	0
Total FRS138 SPOT										0.00	0	0
Total For FRS138										0.00	0	0
FRS142 On 31/03/2028 Spot Bond			3.78000	163.30163	3.78000	163.25298				0.00	0	0
Total FRS142 SPOT										0.00	0	0
Total For FRS142										0.00	0	0
FRS142 On 31/03/2028 Spot Bond			3.78000	163.30163	3.78000	163.25298				0.00	0	0
Total FRS143 SPOT										0.00	0	0
Total For FRS143										0.00	0	0
FRS143 On 31/03/2028 Spot Bond			4.07000	96.43967	4.07000	158.99612				0.00	0	0
Total FRS145 SPOT										0.00	0	0
Total For FRS145										0.00	0	0
FRS145 On 31/01/2025 Spot Bond			3.93000	116.20000	3.93000	116.16477				0.00	0	0
Total FRS146 SPOT										0.00	0	0
Total For FRS146										0.00	0	0
FRS146 On 31/01/2022 Spot Bond			3.45500	143.20972	3.45500	143.16814				0.00	0	0
Total FRS147 SPOT										0.00	0	0
Total For FRS147										0.00	0	0
FRS147 On 06/05/2021 Spot Bond				100.00000	0.00000	105.19400				0.00	0	0
Total FRS148 SPOT										0.00	0	0
Total For FRS148										0.00	0	0
FRS148 On 31/03/2028 Spot Bond			4.13000	158.18010	4.13000	158.13149				0.00	0	0
Total FRS149 SPOT										0.00	0	0
Total For FRS149										0.00	0	0
FRS149 On 31/03/2028 Spot Bond			4.17000	157.60670	4.17000	157.55810				0.00	0	0
Total FRS150 SPOT										0.00	0	0
Total For FRS150										0.00	0	0
FRS150 On 31/01/2025 Spot Bond			3.90000	116.43869	3.90000	116.40348				0.00	0	0
Total FRS151 SPOT										0.00	0	0
Total For FRS151										0.00	0	0
FRS151 On 31/03/2028 Spot Bond			4.14000	158.03653	4.14000	157.98792				0.00	0	0
Total FRS152 SPOT										0.00	0	0
Total For FRS152										0.00	0	0
FRS152 On 31/03/2028 Spot Bond			4.18000	157.46371	4.18000	157.41513				0.00	0	0
Total FRS153 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 FRS153										0.00	0	0
FRS15 On 19/05/2019 Spot Bond				100.00000	0.00000	105.85276				0.00	0	0
Total FRS157 SPOT										0.00	0	0
Total For FRS157										0.00	0	0
FRS36 On 07/12/2023 Spot Bond			3.06000	114.47359	3.06000	284.12747				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			2.95000	115.16690	2.95000	285.84916				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			3.67000	110.71740	3.67000	274.79998				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			3.41500	98.30961	3.41500	143.41025				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	101.47585				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			2.94500	146.33129	2.94500	146.29086				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	101.34238				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			2.94000	114.36596	2.94000	114.33437				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			2.74000	119.22203	2.74000	119.18984				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			3.09000	93.48315	3.09000	123.06333				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	99.67032				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			3.12000	93.29013	3.12000	122.80913			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			3.86000	109.57744	3.86000	271.96921			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	101.21615			0.00	0	0
Total FRS94 SPOT									0.00	0	0
Total For FRS94									0.00	0	0
FRS96 On 24/08/2018 Spot Bond				100.00000	0.00000	100.71267			0.00	0	0
Total FRS96 SPOT									0.00	0	0
Total For FRS96									0.00	0	0
FRS97 On 29/08/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRS97 SPOT									0.00	0	0
Total For FRS97									0.00	0	0
FRX17 On 15/09/2017 Spot Bond			7.37000	102.59278	7.37000	102.57239			0.00	0	0
Total FRX17 SPOT									0.00	0	0
Total For FRX17									0.00	0	0
FRX18 On 14/04/2018 Spot Bond			8.03000	103.97074	8.03000	103.94837		1,606,000,000,000.00	200,000,000	200,000,000	
Total FRX18 SPOT								1,606,000,000,000.00	200,000,000	200,000,000	
Total For FRX18								1,606,000,000,000.00	200,000,000	200,000,000	
FRX19 On 15/11/2019 Spot Bond			8.30000	102.52119	8.30000	102.49854		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			8.51500	102.71450	8.51500	102.69109		340,600,000,000.00	40,000,000	40,000,000	
Total FRX20 SPOT								340,600,000,000.00	40,000,000	40,000,000	
Total For FRX20								340,600,000,000.00	40,000,000	40,000,000	
FRX23 On 28/02/2023 Spot Bond			9.20000	96.18400	9.20000	96.16050		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			9.45000	107.33330	9.45000	107.30623		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			9.92500	99.69326	9.92500	99.66689		297,750,000,000,000.00	30,000,000,000	20,400,000,000	
Total FRX26 SPOT								17,750,000,000,000.00	30,000,000,000	20,400,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRX26										17,750,000,000,000.00	30,000,000,000	20,400,000,000
FRX27 On 07/03/2027 Spot Bond			9.92000	104.72908	9.92000	104.70154				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			10.26000	100.37965	10.26000	100.35191				0.00	0	670,000,000
Total FRX30 SPOT										0.00	0	670,000,000
Total For FRX30										0.00	0	670,000,000
FRX31 On 21/02/2031 Spot Bond			10.35000	97.13965	10.35000	97.11257				0.00	0	340,000,000
Total FRX31 SPOT										0.00	0	340,000,000
Total For FRX31										0.00	0	340,000,000
FRX32 On 31/03/2032 Spot Bond			10.26500	105.35773	10.26500	104.38525				0.00	0	0
Total FRX32 SPOT										0.00	0	0
Total For FRX32										0.00	0	0
FRX45 On 14/04/2045 Spot Bond			10.93500	76.14300	10.93500	76.12085				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	100.25547				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	100.43572				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	100.15048				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	100.17131				0.00	0	0
Total FS1D1 SPOT										0.00	0	0
Total For FS1D1										0.00	0	0
FS2A3 On 20/08/2038 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FS2A3 SPOT										0.00	0	0
Total For FS2A3										0.00	0	0
FS2A4 On 20/11/2018 Spot Bond				100.00000	0.00000	100.75502				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	100.76302				0.00	0	0
Total FS2A5 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 FS2A5										0.00	0	0
FS2B1 On 20/02/2019 Spot Bond				100.00000	0.00000	100.86789				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	100.89153				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	100.99541				0.00	0	0
Total FS2D1 SPOT										0.00	0	0
Total For FS2D1										0.00	0	0
FS3A3L On 20/02/2020 Spot Bond			100.00000	9.41928	100.00000	9.39647				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	9.41928	100.00000	9.39647				0.00	0	0
Total FS3A4U SPOT										0.00	0	0
Total For FS3A4U										0.00	0	0
FS3A5L On 20/02/2020 Spot Bond			100.00000	9.41928	100.00000	9.39647				0.00	0	0
Total FS3A5U SPOT										0.00	0	0
Total For FS3A5U										0.00	0	0
FS3B1L On 20/02/2020 Spot Bond			100.00000	9.41928	100.00000	9.39647				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	9.41928	100.00000	9.39647				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	9.41928	100.00000	9.39647				0.00	0	0
Total FS3D1U SPOT										0.00	0	0
Total For FS3D1U										0.00	0	0
FS4A1L On 20/03/2018 Spot Bond			100.00000	52.07671	100.00000	51.95055				0.00	0	0
Total FS4A1U SPOT										0.00	0	0
Total For FS4A1U										0.00	0	0
FS4A2L On 20/03/2020 Spot Bond			100.00000	8.73702	100.00000	8.71586				0.00	0	0
Total FS4A2U SPOT										0.00	0	0
Total For FS4A2U										0.00	0	0
FS4A3L On 20/03/2020 Spot Bond			100.00000	8.73702	100.00000	8.71586				0.00	0	0
Total FS4A3U 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 FS4A3U										0.00	0	0
FS4A4L On 20/03/2020 Spot Bond			100.00000	8.73702	100.00000	8.71586				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	8.73702	100.00000	8.71586				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	8.73702	100.00000	8.71586				0.00	0	0
Total FS4B1U SPOT										0.00	0	0
Total For FS4B1U										0.00	0	0
FS4C1L On 20/03/2020 Spot Bond			100.00000	8.73702	100.00000	8.71586				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1L On 20/03/2020 Spot Bond			100.00000	8.73702	100.00000	8.71586				0.00	0	0
Total FS4D1U SPOT										0.00	0	0
Total For FS4D1U										0.00	0	0
FS5A1L On 20/04/2019 Spot Bond			100.00000	24.77686	100.00000	24.71617				0.00	0	0
Total FS5A1U SPOT										0.00	0	0
Total For FS5A1U										0.00	0	0
FS5A2L On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				0.00	0	0
Total FS5A2U SPOT										0.00	0	0
Total For FS5A2U										0.00	0	0
FS5A3L On 20/04/2023 Spot Bond			100.00000	0.69741	100.00000	0.69570				0.00	0	0
Total FS5A3U SPOT										0.00	0	0
Total For FS5A3U										0.00	0	0
FS5A4L On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0
FS5A5L On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				0.00	0	0
Total FS5A5U SPOT										0.00	0	0
Total For FS5A5U										0.00	0	0
FS5B1L On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				0.00	0	0
Total FS5B1U SPOT										0.00	0	0
Total For FS5B1U										0.00	0	0
FS5C1L On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				0.00	0	0
Total FS5C1U 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 FS5C1U										0.00	0	0
FS5D11 On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				0.00	0	0
Total FS5D1U SPOT										0.00	0	0
Total For FS5D1U										0.00	0	0
FS5E11 On 20/04/2021 Spot Bond			100.00000	4.15687	100.00000	4.14669				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	101.81782				0.00	0	0
Total GBL02 SPOT										0.00	0	0
Total For GBL02										0.00	0	0
GH31A On 25/02/2018 Spot Bond				100.00000	0.00000	100.95534				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	100.78273				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	100.79135				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	100.84738				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	100.91626				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	100.95926				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	6.41596	100.00000	6.40024				0.00	0	0
Total GH41U SPOT										0.00	0	0
Total For GH41U										0.00	0	0
GOVEX On 09/05/2047 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GOVEX1 SPOT										0.00	0	0
Total For GOVEX1										0.00	0	0
GPT41 On 06/09/2017 Spot Bond				100.00000	0.00000	100.42510				0.00	0	0
Total GPT41 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 GPT41										0.00	0	0
GRB01 On 08/12/2019 Spot Bond			100.00000	20.88430	100.00000	20.83371				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	84.99736	100.00000	84.80506				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	28.53858	100.00000	28.46944				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	17.27043	100.00000	17.22859				0.00	0	0
Total GRB04U SPOT										0.00	0	0
Total For GRB04U										0.00	0	0
GRB05 On 10/06/2019 Spot Bond			100.00000	29.14275	100.00000	29.07215				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	17.52475	100.00000	17.48229				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	4.13130	100.00000	4.12346				0.00	0	0
Total GRB07U SPOT										0.00	0	0
Total For GRB07U										0.00	0	0
GRB10 On 31/07/2017 Spot Bond			100.00000	91.47870	100.00000	91.25000				0.00	0	0
Total GRB10U SPOT										0.00	0	0
Total For GRB10U										0.00	0	0
GRB11 On 31/01/2018 Spot Bond			100.00000	66.10080	100.00000	65.97540				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	42.79711	100.00000	42.74960				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	33.05040	100.00000	32.98770				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	19.02094	100.00000	18.99982				0.00	0	0
Total GRB14U 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 GRB14U										0.00	0	0
GRB15 On 31/01/2020 Spot Bond			100.00000	16.52520	100.00000	16.49385				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	8.45375	100.00000	8.44436				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	8.29404	100.00000	8.27831				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	3.76140	100.00000	3.75722				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	4.13130	100.00000	4.12346				0.00	0	0
Total GRB19U SPOT										0.00	0	0
Total For GRB19U										0.00	0	0
GRB20 On 17/03/2020 Spot Bond			100.00000	16.82533	100.00000	16.77196				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	12.11256	100.00000	12.07415				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	9.67339	100.00000	9.64271				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	12.66090	100.00000	12.62137				0.00	0	0
Total GRB23U SPOT										0.00	0	0
Total For GRB23U										0.00	0	0
GRDB1 On 10/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRDB1 SPOT										0.00	0	0
Total For GRDB1										0.00	0	0
GRDC1 On 10/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRDC1 SPOT										0.00	0	0
Total For GRDC1										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRH1A2 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 GRH1A2										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	101.66533				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	101.58336				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	101.66763				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	92.85714	100.00000	92.62087				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	100.56540				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	101.27239				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	100.00012				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	102.01643				0.00	0	0
Total GRT09 SPOT										0.00	0	0
Total For GRT09										0.00	0	0
GRT10 On 13/05/2019 Spot Bond				100.00000	0.00000	101.03931				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	101.03283				0.00	0	0
Total GRT11 SPOT										0.00	0	0
Total For GRT11										0.00	0	0
GRT12 On 24/03/2020 Spot Bond				100.00000	0.00000	100.32701				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	101.68233				0.00	0	0
Total GRT13 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 GRT13										0.00	0	0
GRT14 On 15/09/2021 Spot Bond				100.00000	0.00000	100.29061				0.00	0	55,000,000
Total GRT14 SPOT										0.00	0	55,000,000
Total For GRT14										0.00	0	55,000,000
GRT15 On 15/04/2020 Spot Bond				100.00000	0.00000	101.80971				0.00	0	26,000,000
Total GRT15 SPOT										0.00	0	26,000,000
Total For GRT15										0.00	0	26,000,000
GRT16 On 17/10/2021 Spot Bond				100.00000	0.00000	101.73094				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			9.54000	104.78244	9.54000	104.75577				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	100.31233				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	100.48908				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	99.83323				0.00	0	0
Total GRT20 SPOT										0.00	0	0
Total For GRT20										0.00	0	0
GRT21 On 03/04/2024 Spot Bond			10.12000	101.51095	10.12000	100.57689				0.00	0	0
Total GRT21 SPOT										0.00	0	0
Total For GRT21										0.00	0	0
GRX01 On 03/07/2032 Spot Bond			100.00000	0.00005	100.00000	0.00005				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	116.17671				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	111.26712				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	101.31801				0.00	0	0
Total HC1M3 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 HC1M3										0.00	0	0
HC2T1 On 05/10/2017 Spot Bond				100.00000	0.00000	101.96414				0.00	0	0
Total HC2T1 SPOT										0.00	0	0
Total For HC2T1										0.00	0	0
HC3T1 On 28/03/2019 Spot Bond				100.00000	0.00000	100.04381				0.00	0	0
Total HC3T1 SPOT										0.00	0	0
Total For HC3T1										0.00	0	0
HC4T1 On 15/12/2017 Spot Bond				100.00000	0.00000	100.25734				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	21.86363	100.00000	21.81066				0.00	0	0
Total HIL01U SPOT										0.00	0	0
Total For HIL01U										0.00	0	0
HILB02 On 13/09/2017 Spot Bond				100.00000	0.00000	100.31596				0.00	0	0
Total HILB02 SPOT										0.00	0	0
Total For HILB02										0.00	0	0
HILB03 On 02/05/2018 Spot Bond				100.00000	0.00000	101.34032				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	101.01712				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	101.89508				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	101.91558				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	101.93846				0.00	120,000,000	140,000,000
Total HILB07 SPOT										0.00	120,000,000	140,000,000
Total For HILB07										0.00	120,000,000	140,000,000
HM1B5 On 19/07/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total HM1B5U SPOT										0.00	0	0
Total For HM1B5U										0.00	0	0
HM1B6 On 19/07/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total HM1B6U 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 HM1B6U										0.00	0	0
HM1B8 On 19/07/2048 Spot Bond			100.00000	10.22452	100.00000	10.19948				0.00	0	0
Total HM1B8U SPOT										0.00	0	0
Total For HM1B8U										0.00	0	0
HM1B9 On 19/07/2048 Spot Bond			100.00000	10.22452	100.00000	10.19948				0.00	0	0
Total HM1B9U SPOT										0.00	0	0
Total For HM1B9U										0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	10.84631	100.00000	10.81974				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	10.84631	100.00000	10.81974				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	11.64574	100.00000	11.61722				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	11.64574	100.00000	11.61722				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	12.62284	100.00000	12.59192				0.00	0	0
Total HM1E4U SPOT										0.00	0	0
Total For HM1E4U										0.00	0	0
HMS1B On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B2 SPOT										0.00	0	0
Total For HMS1B2										0.00	0	0
HMS1B On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B3 SPOT										0.00	0	0
Total For HMS1B3										0.00	0	0
HMS1B On 19/07/2046 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B7 SPOT										0.00	0	0
Total For HMS1B7										0.00	0	0
HMS1C On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1C2 SPOT										0.00	0	0
Total For HMS1C2										0.00	0	0
HMS1D On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1D2 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 HMS1D2										0.00	0	0
HMS1E On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1E2 SPOT										0.00	0	0
Total For HMS1E2										0.00	0	0
HMS1F On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1F2 SPOT										0.00	0	0
Total For HMS1F2										0.00	0	0
HMS1G On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1G2 SPOT										0.00	0	0
Total For HMS1G2										0.00	0	0
HPF04/ On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				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	100.98597				0.00	0	0
Total HPF06 SPOT										0.00	0	0
Total For HPF06										0.00	0	0
HPF07 On 20/08/2017 Spot Bond				100.00000	0.00000	101.02497				0.00	0	0
Total HPF07 SPOT										0.00	0	0
Total For HPF07										0.00	0	0
HPF08 On 15/04/2019 Spot Bond				100.00000	0.00000	101.96833				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	101.80628				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	100.95186				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			8.40000	107.55607	8.40000	107.53163				0.00	0	4,890,000,000
Total HWAY20 SPOT										0.00	0	4,890,000,000
Total For HWAY20										0.00	0	4,890,000,000
HWAY2 On 31/07/2020 Spot Bond			100.00000	20.89458	100.00000	20.84782				0.00	0	0
Total HWAY20/R207 SPOT										0.00	0	0
Total For HWAY20/R207										0.00	0	0
HWAY2 On 07/12/2023 Spot Bond			3.10000	283.58377	3.10000	283.50446				0.00	0	0
Total HWAY23 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 HWAY23									0.00	0	0
HWAY2 On 07/12/2024 Spot Bond			2.81000	118.25723	2.81000	293.52057			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			3.10000	99.73553	3.10000	99.70768			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			10.66000	92.75184	10.66000	92.72524			0.00	0	2,920,000,000
Total HWAY34 SPOT									0.00	0	2,920,000,000
Total For HWAY34									0.00	0	2,920,000,000
HWAY3 On 31/07/2034 Spot Bond			100.00000	12.85754	100.00000	12.82877			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			10.63000	92.74856	10.63000	92.72203			0.00	0	0
Total HWAY35 SPOT									0.00	0	0
Total For HWAY35									0.00	0	0
HWAY3 On 31/07/2035 Spot Bond			100.00000	12.85749	100.00000	12.82873			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	101.67488			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	100.22642			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	24.00706	100.00000	23.94890			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	109.09900	10.00000	109.07100			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			2.48000	128.39692	2.48000	128.36305		39,728,559,888,000.00	16,019,580,600	48,985,503,500	
Total I2025 SPOT								39,728,559,888,000.00	16,019,580,600	48,985,503,500	
Total For I2025								39,728,559,888,000.00	16,019,580,600	48,985,503,500	
I2029 On 31/03/2029 Spot Bond			2.45000	99.63083	2.45000	99.60471		126,570,920,000.00	51,661,600	21,522,621,000	
Total I2029 SPOT								126,570,920,000.00	51,661,600	21,522,621,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For I2029									126,570,920,000.00	51,661,600	21,522,621,000
I2033 On 28/02/2033 Spot Bond			2.47000	104.29687	2.47000	104.26951			22,288,292,000.00	9,023,600	33,513,023,300
Total I2033 SPOT									22,288,292,000.00	9,023,600	33,513,023,300
Total For I2033									22,288,292,000.00	9,023,600	33,513,023,300
I2038 On 31/01/2038 Spot Bond			2.34000	130.95308	2.34000	130.91906			2,384,957,952,000.00	1,019,212,800	176,100,272,400
Total I2038 SPOT									2,384,957,952,000.00	1,019,212,800	176,100,272,400
Total For I2038									2,384,957,952,000.00	1,019,212,800	176,100,272,400
I2046 On 31/03/2046 Spot Bond			2.42000	126.90170	2.42000	126.86854			12,024,408,880,000.00	4,968,764,000	103,413,291,400
Total I2046 SPOT									12,024,408,880,000.00	4,968,764,000	103,413,291,400
Total For I2046									12,024,408,880,000.00	4,968,764,000	103,413,291,400
I2050 On 31/12/2050 Spot Bond			2.39000	134.85464	2.39000	134.81942			59,859,462,000.00	25,045,800	60,106,893,645
Total I2050 SPOT									59,859,462,000.00	25,045,800	60,106,893,645
Total For I2050									59,859,462,000.00	25,045,800	60,106,893,645
IBL02U On 24/05/2022 Spot Bond			100.00000	13.10964	100.00000	13.06872			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	100.80482			0.00	0	0
Total IBL100 SPOT									0.00	0	0
Total For IBL100									0.00	0	0
IBL101 On 24/05/2022 Spot Bond			9.01500	101.05724	9.01500	101.03303			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	100.82267			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	100.38909			0.00	0	0
Total IBL103 SPOT									0.00	0	0
Total For IBL103									0.00	0	0
IBL22 On 15/03/2018 Spot Bond			8.45000	103.84843	8.45000	103.82508			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			3.01500	99.98621	3.01500	145.85759			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			8.57000	102.17813	8.57000	102.15470			0.00	0	0
Total IBL39 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 IBL39										0.00	0	0
IBL43/J On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				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			8.86000	98.95692	8.86000	98.93349				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			9.13000	99.06514	9.13000	99.04071				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			8.76000	100.67123	8.76000	100.64765				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	101.70342	7.34000	101.68338				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			9.12000	103.57583	9.12000	103.55032				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	101.29554				0.00	0	0
Total IBL53 SPOT										0.00	0	0
Total For IBL53										0.00	0	0
IBL55 On 31/07/2018 Spot Bond			8.64000	102.73801	8.64000	102.71401				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	101.40747				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			8.60000	104.20310	8.60000	104.17887				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			9.70000	106.32948	9.70000	106.30166				0.00	0	75,000,000
Total IBL60 SPOT										0.00	0	75,000,000
Total For IBL60										0.00	0	75,000,000
IBL61 On 31/03/2019 Spot Bond				100.00000	0.00000	99.75050				0.00	0	0
Total IBL61 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 IBL61										0.00	0	0
IBL63 On 29/07/2017 Spot Bond				100.00000	0.00000	101.31631				0.00	0	0
Total IBL63 SPOT										0.00	0	0
Total For IBL63										0.00	0	0
IBL64 On 29/07/2019 Spot Bond				100.00000	0.00000	100.82906				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	101.32550				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	100.43744				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			3.74500	141.46928	3.74500	141.42711				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	100.02851				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	44.96643	100.00000	44.85630				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	101.03332				0.00	0	0
Total IBL73 SPOT										0.00	0	0
Total For IBL73										0.00	0	0
IBL75 On 19/08/2020 Spot Bond				100.00000	0.00000	100.95038				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				109.79185	0.00000	101.20306				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	100.79996				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			9.75000	102.05902	9.75000	102.03262				0.00	0	0
Total IBL78 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 IBL78									0.00	0	0
IBL79 On 27/01/2019 Spot Bond			8.43000	106.43874	8.43000	106.41446			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	31.74709	100.00000	31.67018			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	13.73711	100.00000	13.70383			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	101.37741			0.00	640,000,000	240,000,000
Total IBL82 SPOT									0.00	640,000,000	240,000,000
Total For IBL82									0.00	640,000,000	240,000,000
IBL83 On 22/03/2019 Spot Bond				100.00000	0.00000	100.09115			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	32.26049	100.00000	32.18148			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	101.21555			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	102.37752			0.00	300,000,000	150,000,000
Total IBL86 SPOT									0.00	300,000,000	150,000,000
Total For IBL86									0.00	300,000,000	150,000,000
IBL87 On 20/05/2019 Spot Bond			8.73000	102.73795	8.73000	102.71410			0.00	0	0
Total IBL87 SPOT									0.00	0	0
Total For IBL87									0.00	0	0
IBL88 On 20/05/2021 Spot Bond			9.04500	105.15724	9.04500	105.13197			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	15.02618	100.00000	14.99311			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	100.81444			0.00	0	0
Total IBL89 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 IBL89										0.00	0	0
IBL90U On 20/05/2019 Spot Bond			100.00000	30.70892	100.00000	30.63452				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	100.59023				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	101.86233				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	100.80019				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	100.70474				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	101.19129				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	100.02019				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	99.84012				0.00	0	0
Total IBL97 SPOT										0.00	0	0
Total For IBL97										0.00	0	0
IBL98 On 03/10/2023 Spot Bond				100.00000	0.00000	99.83232				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			8.60000	102.44997	8.60000	102.42641				0.00	0	0
Total IBL99 SPOT										0.00	0	0
Total For IBL99										0.00	0	0
IDC01U On 08/11/2026 Spot Bond			100.00000	0.05036	100.00000	0.05025				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	101.48857				0.00	0	0
Total IDCG02 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 IDCG02									0.00	0	0
IDCG02 On 22/10/2020 Spot Bond			9.36500	98.61425	9.36500	98.58960			149,840,000,000,000.00	16,000,000,000	4,000,000,000
Total IDCG03 SPOT									19,840,000,000,000.00	16,000,000,000	4,000,000,000
Total For IDCG03									19,840,000,000,000.00	16,000,000,000	4,000,000,000
IDCG03 On 24/11/2017 Spot Bond				100.00000	0.00000	100.77139			0.00	0	0
Total IDCG04 SPOT									0.00	0	0
Total For IDCG04									0.00	0	0
IDCG04 On 24/11/2019 Spot Bond				100.00000	0.00000	100.70565			0.00	0	0
Total IDCG05 SPOT									0.00	0	0
Total For IDCG05									0.00	0	0
IDCG05 On 24/11/2024 Spot Bond			10.42000	96.44918	10.42000	96.42256			0.00	0	0
Total IDCG06 SPOT									0.00	0	0
Total For IDCG06									0.00	0	0
IDCG06 On 13/11/2020 Spot Bond				100.00000	0.00000	101.03914			0.00	0	0
Total IDCG07 SPOT									0.00	0	0
Total For IDCG07									0.00	0	0
IDCG07 On 13/05/2030 Spot Bond			11.49000	99.92251	11.49000	99.86807			0.00	0	0
Total IDCG08 SPOT									0.00	0	0
Total For IDCG08									0.00	0	0
IDCG08 On 05/12/2019 Spot Bond				100.00000	0.00000	100.52214			0.00	300,000,000	150,000,000
Total IDCG09 SPOT									0.00	300,000,000	150,000,000
Total For IDCG09									0.00	300,000,000	150,000,000
IDCG09 On 05/12/2021 Spot Bond				100.00000	0.00000	100.52932			0.00	0	0
Total IDCG10 SPOT									0.00	0	0
Total For IDCG10									0.00	0	0
IDCG10 On 05/12/2026 Spot Bond			10.52000	102.28509	10.52000	102.25644			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	100.92393	5.00000	100.91032			0.00	0	0
Total IDCP04 SPOT									0.00	0	0
Total For IDCP04									0.00	0	0
IDCP04 On 14/03/2018 Spot Bond			4.00000	101.13645	4.00000	101.12557			0.00	0	0
Total IDCP05 SPOT									0.00	0	0
Total For IDCP05									0.00	0	0
IDCP05 On 17/10/2019 Spot Bond			4.00000	100.77126	4.00000	100.76035			0.00	0	0
Total IDCP06 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 IDCP06										0.00	0	0
IDCP1L On 18/05/2024 Spot Bond			100.00000	7.55759	100.00000	7.54095				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			8.82000	99.85922	8.82000	99.83567				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			7.75500	105.02048	7.75500	104.99866				0.00	0	0
Total IFC02 SPOT										0.00	0	0
Total For IFC02										0.00	0	0
IKH1D On 09/12/2028 Spot Bond			100.00000	7.53075	100.00000	7.51251				0.00	0	0
Total IKH1D SPOT										0.00	0	0
Total For IKH1D										0.00	0	0
IN269U On 25/07/2017 Spot Bond			100.00000	92.87532	100.00000	92.63959				0.00	0	0
Total IN269U SPOT										0.00	0	0
Total For IN269U										0.00	0	0
IN272U On 10/11/2017 Spot Bond			100.00000	90.90046	100.00000	90.68037				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	6.51046	100.00000	6.49811				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	10.49556	100.00000	10.46985				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	21.31864	100.00000	21.26700				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	23.74138	100.00000	23.68324				0.00	0	0
Total IN286U SPOT										0.00	0	0
Total For IN286U										0.00	0	0
IN289U On 30/06/2025 Spot Bond			100.00000	8.29610	100.00000	8.27765				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	16.01151	100.00000	15.97272				0.00	0	0
Total IN306U 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 IN306U										0.00	0	0
IN313U On 11/12/2018 Spot Bond			100.00000	40.68908	100.00000	40.59051				0.00	0	0
Total IN313U SPOT										0.00	0	0
Total For IN313U										0.00	0	0
IN318U On 25/06/2017 Spot Bond			100.00000	99.45504	100.00000	99.72678				0.00	0	0
Total IN318U SPOT										0.00	0	0
Total For IN318U										0.00	0	0
IN319U On 20/12/2017 Spot Bond			100.00000	69.98724	100.00000	69.85810				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	13.57843	100.00000	13.54554				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	13.35947	100.00000	13.32710				0.00	0	0
Total IN329U SPOT										0.00	0	0
Total For IN329U										0.00	0	0
IN331U On 04/12/2019 Spot Bond			100.00000	22.08315	100.00000	22.02965				0.00	0	0
Total IN331U SPOT										0.00	0	0
Total For IN331U										0.00	0	0
IN332U On 04/12/2019 Spot Bond			100.00000	14.19180	100.00000	14.15742				0.00	0	0
Total IN332U SPOT										0.00	0	0
Total For IN332U										0.00	0	0
IN334U On 22/09/2021 Spot Bond			100.00000	12.37916	100.00000	12.34917				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	86.61588	100.00000	86.41676				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	86.67036	100.00000	86.47111				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	10.02667	100.00000	10.00448				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	0.00006	100.00000	0.00006				0.00	0	0
Total IN343U 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 IN343U										0.00	0	0
IN345U On 31/01/2030 Spot Bond			100.00000	11.12334	100.00000	11.09845				0.00	0	0
Total IN345U SPOT										0.00	0	0
Total For IN345U										0.00	0	0
IN346U On 15/04/2018 Spot Bond			100.00000	66.29051	100.00000	66.12816				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	10.68143	100.00000	10.65780				0.00	0	0
Total IN347U SPOT										0.00	0	0
Total For IN347U										0.00	0	0
IN351U On 04/07/2017 Spot Bond			100.00000	100.70467	100.00000	100.43469				0.00	0	0
Total IN351U SPOT										0.00	0	0
Total For IN351U										0.00	0	0
IN355U On 22/03/2022 Spot Bond			100.00000	1.45874	100.00000	1.45520				0.00	0	0
Total IN355U SPOT										0.00	0	0
Total For IN355U										0.00	0	0
ING132 On 22/12/2018 Spot Bond				100.00000	0.00000	100.10205				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	78.04529				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	109.09900	10.00000	109.07100				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	100.09979				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	104.90474				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	97.13710				0.00	0	0
Total ING335 SPOT										0.00	0	0
Total For ING335										0.00	0	0
INLV01 On 12/08/2024 Spot Bond				100.00000	0.00000	101.48762				0.00	0	0
Total INLV01 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 INLV01									0.00	0	0
INLV02 On 20/10/2020 Spot Bond				100.00000	0.00000	103.28840			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	101.48403			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			11.40500	108.72610	11.40500	108.69279			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	109.09900	10.00000	109.07100			0.00	0	0
Total IPF01/JIBAR SPOT									0.00	0	0
Total For IPF01/JIBAR									0.00	0	0
IPF07 On 01/07/2017 Spot Bond				100.00000	0.00000	99.84563			0.00	0	0
Total IPF07 SPOT									0.00	0	0
Total For IPF07									0.00	0	0
IPF08 On 01/07/2018 Spot Bond				100.00000	0.00000	99.83857			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	100.29427			0.00	540,000,000	270,000,000
Total IPF09 SPOT									0.00	540,000,000	270,000,000
Total For IPF09									0.00	540,000,000	270,000,000
IPF11 On 15/10/2018 Spot Bond			100.00000	46.49919	100.00000	46.38531			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	101.68609			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	100.52743			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	100.16844			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	100.17315			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	100.17597				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	100.09153				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	100.09260				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	100.09366				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	100.16815				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	100.17418				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	100.30085				0.00	0	0
Total IPF22 SPOT										0.00	0	0
Total For IPF22										0.00	0	0
IPFC14 On 26/07/2017 Spot Bond				100.00000	0.00000	101.98743				0.00	0	0
Total IPFC14 SPOT										0.00	0	0
Total For IPFC14										0.00	0	0
IPL10 On 20/05/2021 Spot Bond			9.43500	100.74203	9.43500	100.71679				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	100.86270				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			8.40000	102.69211	8.40000	102.66898				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	83.59137	100.00000	83.40926				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	99.79391			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	65.88368	100.00000	65.72232			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	102.07359			0.00	720,000,000	360,000,000
Total IPL8 SPOT									0.00	720,000,000	360,000,000
Total For IPL8									0.00	720,000,000	360,000,000
IPL8/JIF On 10/10/2020 Spot Bond			100.00000	16.26777	100.00000	16.22793			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	100.64643			0.00	0	1,055,000,000
Total IPL9 SPOT									0.00	0	1,055,000,000
Total For IPL9									0.00	0	1,055,000,000
IV015 On 20/09/2017 Spot Bond				100.00000	0.00000	100.31079			0.00	0	0
Total IV015 SPOT									0.00	0	0
Total For IV015									0.00	0	0
IV016 On 06/12/2021 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total IV016 SPOT									0.00	0	0
Total For IV016									0.00	0	0
IV017/F On 31/01/2022 Spot Bond			2.75000	101.11527	2.75000	101.10765			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			5.69000	137.50397	5.69000	137.45600			0.00	0	0
Total IV019 SPOT									0.00	0	0
Total For IV019									0.00	0	0
IV023 On 11/07/2017 Spot Bond				100.00000	0.00000	102.06310			0.00	0	0
Total IV023 SPOT									0.00	0	0
Total For IV023									0.00	0	0
IV024 On 27/07/2017 Spot Bond				100.00000	0.00000	101.64484			0.00	0	0
Total IV024 SPOT									0.00	0	0
Total For IV024									0.00	0	0
IV025 On 12/09/2019 Spot Bond				100.00000	0.00000	99.28019			0.00	480,000,000	240,000,000
Total IV025 SPOT									0.00	480,000,000	240,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For IV025									0.00	480,000,000	240,000,000
IV026 On 27/09/2019 Spot Bond				100.00000	0.00000	98.75896			0.00	420,000,000	210,000,000
Total IV026 SPOT									0.00	420,000,000	210,000,000
Total For IV026									0.00	420,000,000	210,000,000
IV030 On 31/01/2025 Spot Bond			4.48000	110.95173	4.48000	111.88497			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			4.48000	110.85923	4.48000	111.88497			0.00	0	0
Total IV030A SPOT									0.00	0	0
Total For IV030A									0.00	0	0
IV031 On 11/03/2025 Spot Bond				100.00000	0.00000	100.39628			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	102.71697			0.00	0	2,500,000,000
Total IV032 SPOT									0.00	0	2,500,000,000
Total For IV032									0.00	0	2,500,000,000
IV033 On 11/02/2021 Spot Bond				100.00000	0.00000	102.21113			0.00	0	0
Total IV033 SPOT									0.00	0	0
Total For IV033									0.00	0	0
IV034 On 11/02/2021 Spot Bond			11.30500	108.04020	11.30500	108.00738			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	105.02357			0.00	1,200,000,000	600,000,000
Total IV035 SPOT									0.00	1,200,000,000	600,000,000
Total For IV035									0.00	1,200,000,000	600,000,000
IV036 On 22/07/2021 Spot Bond				100.00000	0.00000	102.01113			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	100.08948			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			5.19500	127.84328	5.19500	133.08330			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	99.90917			0.00	0	0
Total IV040 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 IV040									0.00	0	0
IV041 On 29/09/2021 Spot Bond			11.65500	103.91886	11.65500	103.88687			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	101.24908			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			11.54500	104.45233	11.54500	104.42049			0.00	0	0
Total IV043 SPOT									0.00	0	0
Total For IV043									0.00	0	0
IV044 On 31/01/2022 Spot Bond				100.00000	0.00000	101.74278			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			5.44500	131.74875	5.44500	131.70344		2,831,400,000,000.00	520,000,000	260,000,000	
Total IV045 SPOT								2,831,400,000,000.00	520,000,000	260,000,000	
Total For IV045								2,831,400,000,000.00	520,000,000	260,000,000	
IV046 On 21/06/2022 Spot Bond				100.00000	0.00000	100.14954			0.00	0	0
Total IV046 SPOT									0.00	0	0
Total For IV046									0.00	0	0
IV057U On 14/07/2017 Spot Bond			100.00000	95.54974	100.00000	95.30026			0.00	0	0
Total IV057U SPOT									0.00	0	0
Total For IV057U									0.00	0	0
IV08 On 30/04/2018 Spot Bond			9.13000	105.78591	9.13000	105.76025			0.00	0	0
Total IV08 SPOT									0.00	0	0
Total For IV08									0.00	0	0
IV09 On 30/04/2018 Spot Bond				100.00000	0.00000	102.28338			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	4.48281	100.00000	4.47431			0.00	0	0
Total IV100U SPOT									0.00	0	0
Total For IV100U									0.00	0	0
IV19A On 31/03/2028 Spot Bond			4.44000	153.79854	4.44000	153.75000			0.00	0	0
Total IV19A SPOT									0.00	0	0
Total For IV19A									0.00	0	0
IVA680 On 06/07/2017 Spot Bond			7.60000	99.81295	7.60000	99.68864			0.00	0	0
Total IVA680 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 IVA680										0.00	0	0
IVA681 On 13/07/2017 Spot Bond			7.60000	99.66796	7.60000	99.54401				0.00	0	0
Total IVA681 SPOT										0.00	0	0
Total For IVA681										0.00	0	0
IVA682 On 20/07/2017 Spot Bond			7.70000	99.51714	7.70000	99.39194				0.00	0	0
Total IVA682 SPOT										0.00	0	0
Total For IVA682										0.00	0	0
IVA686 On 17/08/2017 Spot Bond			7.70000	98.93556	7.70000	98.81182				0.00	0	0
Total IVA686 SPOT										0.00	0	0
Total For IVA686										0.00	0	0
IVA687 On 24/08/2017 Spot Bond			7.70000	98.79123	7.70000	98.66785				0.00	0	0
Total IVA687 SPOT										0.00	0	0
Total For IVA687										0.00	0	0
IVA689 On 07/09/2017 Spot Bond			7.80000	98.48468	7.80000	98.36048				0.00	0	0
Total IVA689 SPOT										0.00	0	0
Total For IVA689										0.00	0	0
IVA690 On 14/09/2017 Spot Bond			7.80000	98.33981	7.80000	98.21597				0.00	0	0
Total IVA690 SPOT										0.00	0	0
Total For IVA690										0.00	0	0
IVA691 On 21/09/2017 Spot Bond			7.80000	98.19536	7.80000	98.07188				0.00	0	0
Total IVA691 SPOT										0.00	0	0
Total For IVA691										0.00	0	0
IVC002 On 12/02/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC002 SPOT										0.00	0	0
Total For IVC002										0.00	0	0
IVC005 On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				0.00	0	0
Total IVC005/JIBAR SPOT										0.00	0	0
Total For IVC005/JIBAR										0.00	0	0
IVC017 On 12/07/2017 Spot Bond				100.00000	0.00000	101.87490				0.00	0	0
Total IVC017 SPOT										0.00	0	0
Total For IVC017										0.00	0	0
IVC019 On 12/07/2017 Spot Bond				100.00000	0.00000	101.87279				0.00	0	0
Total IVC019 SPOT										0.00	0	0
Total For IVC019										0.00	0	0
IVC021 On 19/07/2017 Spot Bond				100.00000	0.00000	101.68796				0.00	0	0
Total IVC021 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 IVC021										0.00	0	0
IVC027 On 03/04/2019 Spot Bond				100.00000	0.00000	99.83509				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	99.90761				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	99.90544				0.00	0	0
Total IVC034 SPOT										0.00	0	0
Total For IVC034										0.00	0	0
IVC035 On 30/06/2019 Spot Bond				100.00000	0.00000	95.55061				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			9.20000	104.31244	9.20000	104.28653				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	30.52572	100.00000	30.45742				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	25.31015	100.00000	25.24816				0.00	0	0
Total IVC038 SPOT										0.00	0	0
Total For IVC038										0.00	0	0
IVC040 On 24/07/2021 Spot Bond			9.17500	104.54821	9.17500	104.52231				0.00	0	0
Total IVC040 SPOT										0.00	0	0
Total For IVC040										0.00	0	0
IVC041 On 29/07/2017 Spot Bond				100.00000	0.00000	101.37774				0.00	0	0
Total IVC041 SPOT										0.00	0	0
Total For IVC041										0.00	0	0
IVC046 On 24/10/2017 Spot Bond				100.00000	0.00000	101.61168				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	101.46509				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	100.90093				0.00	0	0
Total IVC049 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 IVC049										0.00	0	0
IVC050 On 03/12/2017 Spot Bond				100.00000	0.00000	100.53598				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	101.38482				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	101.19223				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	99.99995				0.00	0	0
Total IVC055 SPOT										0.00	0	0
Total For IVC055										0.00	0	0
IVC058 On 03/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC058 SPOT										0.00	0	0
Total For IVC058										0.00	0	0
IVC060 On 31/07/2018 Spot Bond				100.00000	0.00000	101.40014				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	99.92672				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	101.31583				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	100.45067				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	100.36060				0.00	0	0
Total IVC065 SPOT										0.00	0	0
Total For IVC065										0.00	0	0
IVC066 On 18/09/2017 Spot Bond			100.00000	83.29272	100.00000	83.10721				0.00	0	0
Total IVC066 SPOT										0.00	0	0
Total For IVC066										0.00	0	0
IVC067 On 04/11/2017 Spot Bond				100.00000	0.00000	101.56302				0.00	0	0
Total IVC067 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 IVC067										0.00	0	0
IVC070 On 20/01/2019 Spot Bond				100.00000	0.00000	102.39952				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	101.73732				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	101.51289				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	101.79360				0.00	0	0
Total IVC081 SPOT										0.00	0	0
Total For IVC081										0.00	0	0
IVC082 On 15/07/2019 Spot Bond			100.00000	16.05280	100.00000	16.01349				0.00	0	0
Total IVC082 SPOT										0.00	0	0
Total For IVC082										0.00	0	0
IVC083 On 29/07/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC083 SPOT										0.00	0	0
Total For IVC083										0.00	0	0
IVC086 On 15/08/2017 Spot Bond				100.00000	0.00000	101.09197				0.00	0	0
Total IVC086 SPOT										0.00	0	0
Total For IVC086										0.00	0	0
IVC087 On 10/10/2017 Spot Bond				100.00000	0.00000	101.94817				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	101.77042				0.00	0	0
Total IVC088 SPOT										0.00	0	0
Total For IVC088										0.00	0	0
IVC089 On 31/10/2017 Spot Bond				100.00000	0.00000	101.46576				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	101.45403				0.00	0	0
Total IVC090 SPOT										0.00	0	0
Total For IVC090										0.00	0	0
IVC092 On 23/11/2019 Spot Bond				100.00000	0.00000	100.87592				0.00	0	0
Total IVC092 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 IVC092										0.00	0	0
IVC093 On 23/11/2018 Spot Bond				100.00000	0.00000	100.84030				0.00	0	0
Total IVC093 SPOT										0.00	0	0
Total For IVC093										0.00	0	0
IVC094 On 06/12/2021 Spot Bond			10.02500	103.33107	10.02500	103.30346				0.00	0	0
Total IVC094 SPOT										0.00	0	0
Total For IVC094										0.00	0	0
IVC097 On 14/06/2021 Spot Bond				100.00000	0.00000	99.92508				0.00	600,000,000	350,000,000
Total IVC097 SPOT										0.00	600,000,000	350,000,000
Total For IVC097										0.00	600,000,000	350,000,000
IVC098 On 14/06/2018 Spot Bond			8.60000	100.64800	8.60000	100.62484				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	101.49355				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	101.54924				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	99.92386				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	100.46893				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	100.33345				0.00	0	0
Total IVC106 SPOT										0.00	0	0
Total For IVC106										0.00	0	0
IVC107 On 29/06/2021 Spot Bond				100.00000	0.00000	99.92467				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	102.07370				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	101.03762				0.00	0	0
Total IVC109 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 IVC109										0.00	0	0
IVC110 On 19/05/2021 Spot Bond			9.67500	101.31848	9.67500	101.29247				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	100.93503				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	100.80943				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	100.79077				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	100.31525				0.00	0	0
Total IVC114 SPOT										0.00	0	0
Total For IVC114										0.00	0	0
IVC68U On 07/12/2020 Spot Bond			100.00000	9.17228	100.00000	9.15488				0.00	0	0
Total IVC68U SPOT										0.00	0	0
Total For IVC68U										0.00	0	0
IVC73U On 22/03/2018 Spot Bond			100.00000	56.26189	100.00000	56.12559				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	82.51523	100.00000	82.33308				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	6.62898	100.00000	6.61641				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	5.84809	100.00000	5.83700				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	5.72720	100.00000	5.71633				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	4.85500	100.00000	4.84579				0.00	0	0
Total IVC91U 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 IVC91U										0.00	0	0
IVC95U On 02/12/2021 Spot Bond			100.00000	4.62990	100.00000	4.62111				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	4.62990	100.00000	4.62111				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	4.52558	100.00000	4.51699				0.00	0	0
Total IVC99U SPOT										0.00	0	0
Total For IVC99U										0.00	0	0
JAS01 On 31/01/2019 Spot Bond				100.00000	0.00000	101.60889				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
Total For JIBAR										0.00	0	0
KAP002 On 13/06/2019 Spot Bond				100.00000	0.00000	100.33487				0.00	0	0
Total KAP002 SPOT										0.00	0	0
Total For KAP002										0.00	0	0
KAP003 On 06/06/2019 Spot Bond				100.00000	0.00000	100.51983				0.00	0	0
Total KAP003 SPOT										0.00	0	0
Total For KAP003										0.00	0	0
KAP005 On 29/06/2018 Spot Bond				100.00000	0.00000	99.93004				0.00	0	0
Total KAP005 SPOT										0.00	0	0
Total For KAP005										0.00	0	0
KAP006 On 29/06/2021 Spot Bond				100.00000	0.00000	99.92548				0.00	0	0
Total KAP006 SPOT										0.00	0	0
Total For KAP006										0.00	0	0
KAP007 On 26/10/2021 Spot Bond			9.57500	103.97722	9.57500	103.95066				0.00	0	0
Total KAP007 SPOT										0.00	0	0
Total For KAP007										0.00	0	0
KAP008 On 28/11/2019 Spot Bond				100.00000	0.00000	100.72759				0.00	300,000,000	210,000,000
Total KAP008 SPOT										0.00	300,000,000	210,000,000
Total For KAP008										0.00	300,000,000	210,000,000
KAP009 On 24/05/2020 Spot Bond				100.00000	0.00000	100.85375				0.00	0	0
Total KAP009 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 KAP009									0.00	0	0
KAP04 On 01/07/2019 Spot Bond			100.00000	24.83803	100.00000	24.77720			0.00	0	0
Total KAP04U SPOT									0.00	0	0
Total For KAP04U									0.00	0	0
KSB00 On 31/08/2017 Spot Bond				100.00000	0.00000	103.19884			0.00	0	0
Total KSB007 SPOT									0.00	0	0
Total For KSB007									0.00	0	0
KSB00 On 01/11/2017 Spot Bond				100.00000	0.00000	101.61631			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	101.60600			0.00	0	0
Total KSB009 SPOT									0.00	0	0
Total For KSB009									0.00	0	0
KW01 On 31/10/2027 Spot Bond			8.97000	132.21870	8.97000	132.18717			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	100.12216			0.00	0	0
Total LBK05 SPOT									0.00	0	0
Total For LBK05									0.00	0	0
LBK07 On 16/09/2017 Spot Bond				100.00000	0.00000	100.10368			0.00	280,000,000	140,000,000
Total LBK07 SPOT									0.00	280,000,000	140,000,000
Total For LBK07									0.00	280,000,000	140,000,000
LBK08 On 30/10/2019 Spot Bond				100.00000	0.00000	101.50806			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	24.65563	100.00000	24.59524			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			9.70000	100.59992	9.70000	100.57404		155,200,000,000,000.00	16,000,000,000	4,000,000,000	
Total LBK11 SPOT								15,200,000,000,000.00	16,000,000,000	4,000,000,000	
Total For LBK11								15,200,000,000,000.00	16,000,000,000	4,000,000,000	
LBK11 On 28/11/2019 Spot Bond			9.62000	100.76890	9.62000	100.74318		0.00	0	0	
Total LBK11/R207 SPOT								0.00	0	0	
Total For LBK11/R207								0.00	0	0	
LBK12 On 25/02/2020 Spot Bond			9.71000	103.24707	9.71000	103.22004		0.00	0	0	
Total LBK12U 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 LBK12U										0.00	0	0
LBK14L On 31/03/2018 Spot Bond			100.00000	66.79470	100.00000	66.63111				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	102.13846				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	100.70086				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	100.09474				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	99.91822				0.00	0	0
Total LBK18 SPOT										0.00	0	0
Total For LBK18										0.00	0	0
LBK19 On 23/03/2018 Spot Bond				100.00000	0.00000	100.06720				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			10.31500	100.08056	10.31500	100.05306				0.00	0	0
Total LBK20 SPOT										0.00	0	0
Total For LBK20										0.00	0	0
LGL02 On 13/08/2017 Spot Bond			8.71000	102.68335	8.71000	102.65912				0.00	0	3,260,000,000
Total LGL02 SPOT										0.00	0	3,260,000,000
Total For LGL02										0.00	0	3,260,000,000
LGL03 On 03/04/2018 Spot Bond			9.35000	100.51350	9.35000	100.48840				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			9.40000	102.72154	9.40000	102.69548				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	100.55808				0.00	340,000,000	170,000,000
Total LGL05 SPOT										0.00	340,000,000	170,000,000
Total For LGL05										0.00	340,000,000	170,000,000
LGL06 On 04/10/2022 Spot Bond			9.85000	103.72321	9.85000	103.69596				0.00	0	2,500,000,000
Total LGL06 SPOT										0.00	0	2,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For LGL06										0.00	0	2,500,000,000
LGL07 On 04/10/2022 Spot Bond				100.00000	0.00000	100.33696				0.00	300,000,000	1,150,000,000
Total LGL07 SPOT										0.00	300,000,000	1,150,000,000
Total For LGL07										0.00	300,000,000	1,150,000,000
LHL17 On 14/11/2018 Spot Bond				100.00000	0.00000	101.48687				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			12.93000	102.03392	12.93000	101.99919				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			13.70000	102.85174	13.70000	102.81471				0.00	0	50,000,000
Total LHL19 SPOT										0.00	0	50,000,000
Total For LHL19										0.00	0	50,000,000
LHL22 On 13/09/2017 Spot Bond				100.00000	0.00000	100.34734				0.00	0	0
Total LHL22 SPOT										0.00	0	0
Total For LHL22										0.00	0	0
LHL26 On 13/11/2020 Spot Bond				100.00000	0.00000	101.54347				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	102.63845				0.00	0	0
Total LOM01 SPOT										0.00	0	0
Total For LOM01										0.00	0	0
LRFA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total LRFA1 SPOT										0.00	0	0
Total For LRFA1										0.00	0	0
LRFA2 On 20/11/2019 Spot Bond				100.00000	0.00000	100.86702				0.00	0	0
Total LRFA2 SPOT										0.00	0	0
Total For LRFA2										0.00	0	0
LRFB1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total LRFB1 SPOT										0.00	0	0
Total For LRFB1										0.00	0	0
LRFB2 On 20/11/2019 Spot Bond				100.00000	0.00000	101.30371				0.00	0	0
Total LRFB2 SPOT										0.00	0	0
Total For LRFB2										0.00	0	0
LRFC1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total LRFC1 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 LRFC1										0.00	0	0
LRFC2 On 20/11/2019 Spot Bond				100.00000	0.00000	100.97407				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	101.08437				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	100.38978				0.00	0	0
Total MAQ093 SPOT										0.00	0	0
Total For MAQ093										0.00	0	0
MAQ09 On 01/02/2018 Spot Bond				100.00000	0.00000	101.35572				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 31/08/2017 Spot Bond				100.00000	0.00000	102.54790				0.00	0	0
Total MAQ0A2 SPOT										0.00	0	0
Total For MAQ0A2										0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	102.14756				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	102.24840				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	102.46300				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	102.47871				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	102.40270				0.00	0	0
Total MAQ0J2 SPOT										0.00	0	0
Total For MAQ0J2										0.00	0	0
MAQ10 On 17/08/2017 Spot Bond				100.00000	0.00000	98.92016				0.00	0	0
Total MAQ101 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 MAQ101									0.00	0	0
MAQ10 On 15/09/2017 Spot Bond				100.00000	0.00000	98.32014			0.00	0	0
Total MAQ103 SPOT									0.00	0	0
Total For MAQ103									0.00	0	0
MBF03 On 01/10/2017 Spot Bond				100.00000	0.00000	100.00050			0.00	0	0
Total MBF030 SPOT									0.00	0	0
Total For MBF030									0.00	0	0
MBF04 On 07/08/2017 Spot Bond				100.00000	0.00000	101.14326			0.00	120,000,000	60,000,000
Total MBF042 SPOT									0.00	120,000,000	60,000,000
Total For MBF042									0.00	120,000,000	60,000,000
MBF04 On 13/04/2018 Spot Bond				100.00000	0.00000	101.97814			0.00	0	0
Total MBF045 SPOT									0.00	0	0
Total For MBF045									0.00	0	0
MBF04 On 17/08/2018 Spot Bond				100.00000	0.00000	101.22639			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	100.98581			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	100.76622			0.00	0	0
Total MBF049 SPOT									0.00	0	0
Total For MBF049									0.00	0	0
MBF05 On 16/05/2019 Spot Bond				100.00000	0.00000	101.29405			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	30.83542	100.00000	30.76072			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	99.95766			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	100.46619			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	99.97906			0.00	0	0
Total MBF054 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 MBF054										0.00	0	0
MBF05: On 27/03/2020 Spot Bond				100.00000	0.00000	99.97794				0.00	294,000,000	98,000,000
Total MBF055 SPOT										0.00	294,000,000	98,000,000
Total For MBF055										0.00	294,000,000	98,000,000
MBLSA On 30/10/2017 Spot Bond			2.30000	99.21848	2.30000	98.57337				0.00	0	0
Total MBLSA2 SPOT										0.00	0	0
Total For MBLSA2										0.00	0	0
MBLSA On 11/12/2017 Spot Bond				100.00000	0.00000	97.20746				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	100.33881				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	101.79325				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	100.73876				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	97.77890	100.00000	97.52158				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	94.76451	100.00000	94.52276				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	94.78546	100.00000	94.54366				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	90.94267	100.00000	90.72247				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	101.30307				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			8.83000	102.08910	8.83000	102.06499				0.00	0	0
Total MBSA01 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 MBSA01										0.00	0	0
MBSA0 On 16/04/2019 Spot Bond			8.00000	103.46276	8.00000	103.44058				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			8.88000	101.79375	8.88000	101.76958				0.00	0	0
Total MBSA02 SPOT										0.00	0	0
Total For MBSA02										0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	101.74475	8.91000	101.72052				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	104.25992				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	104.42410				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			8.85000	100.48197	8.85000	100.45793				0.00	0	0
Total MEFBS4 SPOT										0.00	0	0
Total For MEFBS4										0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.43000	101.88001	9.43000	101.85408				0.00	0	0
Total MEFBS5 SPOT										0.00	0	0
Total For MEFBS5										0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	100.13845				0.00	0	0
Total MFS1A2 SPOT										0.00	0	0
Total For MFS1A2										0.00	0	0
MFS1B On 20/09/2019 Spot Bond			9.50000	101.68484	9.50000	101.65889				0.00	0	0
Total MFS1B SPOT										0.00	0	0
Total For MFS1B										0.00	0	0
MMIG0 On 17/03/2019 Spot Bond				100.00000	0.00000	99.62947				0.00	0	0
Total MMIG01 SPOT										0.00	0	0
Total For MMIG01										0.00	0	0
MMIG0 On 17/03/2021 Spot Bond			9.30500	105.10743	9.30500	105.08146				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	100.16294				0.00	180,000,000	90,000,000
Total MMIG03 SPOT										0.00	180,000,000	90,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For MMIG03									0.00	180,000,000	90,000,000
MMIG0 On 12/08/2025 Spot Bond			11.37000	103.81931	11.37000	103.78760			1,591,800,000,000.00	140,000,000	70,000,000
Total MMIG04 SPOT									1,591,800,000,000.00	140,000,000	70,000,000
Total For MMIG04									1,591,800,000,000.00	140,000,000	70,000,000
MMIG0 On 12/08/2022 Spot Bond			10.40000	105.81678	10.40000	105.78715			3,120,000,000,000.00	300,000,000	1,200,000,000
Total MMIG05 SPOT									3,120,000,000,000.00	300,000,000	1,200,000,000
Total For MMIG05									3,120,000,000,000.00	300,000,000	1,200,000,000
MTN04 On 13/07/2017 Spot Bond			9.01000	104.65167	9.01000	104.62594			0.00	0	0
Total MTN04 SPOT									0.00	0	0
Total For MTN04									0.00	0	0
MTN08 On 19/04/2019 Spot Bond			100.00000	33.39438	100.00000	33.31260			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	32.36927	100.00000	32.29763			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	100.95990			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	100.99341			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	2.67347	100.00000	2.66693			0.00	0	0
Total MWA1U SPOT									0.00	0	0
Total For MWA1U									0.00	0	0
MWAR(On 22/11/2019 Spot Bond				100.00000	0.00000	100.89480			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	11.82424	100.89771	11.79537			0.00	0	0
Total N4A211 SPOT									0.00	0	0
Total For N4A211									0.00	0	0
N4A302 On 14/08/2020 Spot Bond			100.61875	11.94112	100.61875	11.91204			0.00	0	0
Total N4A302 SPOT									0.00	0	0
Total For N4A302									0.00	0	0
N4A305 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N4A305 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 N4A305									0.00	0	0
N4A305 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N4A308 SPOT									0.00	0	0
Total For N4A308									0.00	0	0
N4A311 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N4A311 SPOT									0.00	0	0
Total For N4A311									0.00	0	0
N4A405 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N4A405 SPOT									0.00	0	0
Total For N4A405									0.00	0	0
N4A408 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N4A408 SPOT									0.00	0	0
Total For N4A408									0.00	0	0
N4A411 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N4A411 SPOT									0.00	0	0
Total For N4A411									0.00	0	0
N5C23 On 20/12/2018 Spot Bond				100.00000	0.00000	100.28054			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	100.15995			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	109.42404			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	11.23940	100.00000	11.21217			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	11.99774	100.00000	11.96867			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			10.10000	93.34783	10.10000	93.32283		303,000,000,000.00		30,000,000	30,000,000
Total NAM01 SPOT								303,000,000,000.00		30,000,000	30,000,000
Total For NAM01								303,000,000,000.00		30,000,000	30,000,000
NAM02 On 29/06/2020 Spot Bond			9.14500	101.10812	9.14500	101.08329			0.00	0	0
Total NAM02 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 NAM02									0.00	0	0
NAM03 On 01/08/2023 Spot Bond			9.70000	105.66681	9.70000	105.63917			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			10.37000	105.02987	10.37000	105.00055			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			8.66500	101.45510	8.66500	101.43171			0.00	0	0
Total NBK11A SPOT									0.00	0	0
Total For NBK11A									0.00	0	0
NBK12 On 19/03/2021 Spot Bond			9.33000	102.67682	9.33000	102.65138			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	102.52223	9.38000	102.49669			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			9.40000	104.23469	9.40000	104.20869			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			8.90500	101.29642	8.90500	101.29628			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			9.35500	101.20114	9.35500	101.17559			0.00	0	0
Total NBK15A SPOT									0.00	0	0
Total For NBK15A									0.00	0	0
NBK15 On 27/08/2017 Spot Bond				100.00000	0.00000	100.76754			0.00	0	0
Total NBK15B SPOT									0.00	0	0
Total For NBK15B									0.00	0	0
NBK16 On 12/02/2025 Spot Bond			10.27000	99.18121	10.27000	99.15377		1,643,200,000,000.00		160,000,000	1,060,000,000
Total NBK16A SPOT								1,643,200,000,000.00		160,000,000	1,060,000,000
Total For NBK16A								1,643,200,000,000.00		160,000,000	1,060,000,000
NBK17 On 22/04/2026 Spot Bond			9.80500	102.60998	9.80500	102.58315		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			9.13000	100.97292	9.13000	100.94829		0.00		0	100,000,000
Total NBK18A SPOT								0.00		0	100,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For NBK18A									0.00	0	100,000,000
NBK19, On 01/06/2022 Spot Bond			9.50500	101.19287	9.50500	101.16720			0.00	0	0
Total NBK19A SPOT									0.00	0	0
Total For NBK19A									0.00	0	0
NBK19I On 26/06/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total NBK19B SPOT									0.00	0	0
Total For NBK19B									0.00	0	0
NBK19I On 26/06/2017 Spot Bond			100.00000	99.72678	100.00000	100.00000			0.00	0	0
Total NBK19B/JIBAR SPOT									0.00	0	0
Total For NBK19B/JIBAR									0.00	0	0
NBK20, On 01/06/2026 Spot Bond			10.36000	100.72011	10.36000	100.69232		7,252,000,000,000.00		700,000,000	350,000,000
Total NBK20A SPOT								7,252,000,000,000.00		700,000,000	350,000,000
Total For NBK20A								7,252,000,000,000.00		700,000,000	350,000,000
NBK20I On 25/06/2021 Spot Bond				100.00000	0.00000	98.16794			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			11.02000	102.25678	11.02000	102.22648		3,526,400,000,000.00		320,000,000	260,000,000
Total NBK21A SPOT								3,526,400,000,000.00		320,000,000	260,000,000
Total For NBK21A								3,526,400,000,000.00		320,000,000	260,000,000
NBK21I On 10/11/2017 Spot Bond				100.00000	0.00000	101.22340			0.00	0	0
Total NBK21B SPOT									0.00	0	0
Total For NBK21B									0.00	0	0
NBK22, On 19/11/2022 Spot Bond			9.74000	102.40692	9.74000	102.38045			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	101.22774			0.00	300,000,000	100,000,000
Total NBK22B SPOT									0.00	300,000,000	100,000,000
Total For NBK22B									0.00	300,000,000	100,000,000
NBK23, On 19/11/2025 Spot Bond			10.22000	103.68935	10.22000	103.66128			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	101.21623			0.00	0	0
Total NBK23B SPOT									0.00	0	0
Total For NBK23B									0.00	0	0
NBK24, On 19/11/2027 Spot Bond			10.72000	102.46333	10.72000	102.43426			0.00	0	1,000,000,000
Total NBK24A SPOT									0.00	0	1,000,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For NBK24A									0.00	0	1,000,000,000
NBK24I On 11/02/2022 Spot Bond				100.00000	0.00000	101.13625			0.00	0	0
Total NBK24B SPOT									0.00	0	0
Total For NBK24B									0.00	0	0
NBK25J On 17/02/2023 Spot Bond			9.64000	108.16237	9.64000	108.13425			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	101.11191			0.00	1,860,000,000	930,000,000
Total NBK25B SPOT									0.00	1,860,000,000	930,000,000
Total For NBK25B									0.00	1,860,000,000	930,000,000
NBK26J On 10/05/2023 Spot Bond			100.00000	12.63679	100.00000	12.60898			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	102.35710			0.00	340,000,000	170,000,000
Total NBK26B SPOT									0.00	340,000,000	170,000,000
Total For NBK26B									0.00	340,000,000	170,000,000
NBK27J On 10/05/2026 Spot Bond			10.01000	108.02804	10.01000	107.99937			0.00	0	0
Total NBK27A SPOT									0.00	0	0
Total For NBK27A									0.00	0	0
NBK27I On 01/06/2018 Spot Bond				100.00000	0.00000	100.84652			0.00	0	1,000,000,000
Total NBK27B SPOT									0.00	0	1,000,000,000
Total For NBK27B									0.00	0	1,000,000,000
NBK28J On 02/08/2023 Spot Bond			9.65000	105.62168	9.65000	105.59418		1,563,300,000,000.00	0.00	162,000,000	81,000,000
Total NBK28A SPOT								1,563,300,000,000.00	0.00	162,000,000	81,000,000
Total For NBK28A								1,563,300,000,000.00	0.00	162,000,000	81,000,000
NBK28I On 19/11/2020 Spot Bond				100.00000	0.00000	100.94007			0.00	0	0
Total NBK28B SPOT									0.00	0	0
Total For NBK28B									0.00	0	0
NBK29J On 31/07/2026 Spot Bond			10.27000	105.58241	10.27000	105.55320			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	101.21415			0.00	0	20,000,000
Total NBK29B SPOT									0.00	0	20,000,000
Total For NBK29B									0.00	0	20,000,000
NBK30J On 20/02/2024 Spot Bond			9.44000	104.12174	9.44000	104.09522			0.00	0	500,000,000
Total NBK30A SPOT									0.00	0	500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For NBK30A									0.00	0	500,000,000
NBK30I On 18/02/2021 Spot Bond				100.00000	0.00000	100.99158			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	101.01266			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	100.75731			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	101.36245			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	101.19256			0.00	0	43,000,000
Total NBK34B SPOT									0.00	0	43,000,000
Total For NBK34B									0.00	0	43,000,000
NBK35I On 10/05/2023 Spot Bond				100.00000	0.00000	101.21798			0.00	0	0
Total NBK35B SPOT									0.00	0	0
Total For NBK35B									0.00	0	0
NBK36I On 10/05/2026 Spot Bond				100.00000	0.00000	101.24959			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	101.37092			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	101.38494			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			8.50000	109.06836	8.50000	109.04370		1,020,000,000,000.00		120,000,000	60,000,000
Total NBK3A SPOT								1,020,000,000,000.00		120,000,000	60,000,000
Total For NBK3A								1,020,000,000,000.00		120,000,000	60,000,000
NBK3A On 09/09/2019 Spot Bond			100.00000	29.38385	100.00000	29.31918			0.00	0	0
Total NBK3A/R204 SPOT									0.00	0	0
Total For NBK3A/R204									0.00	0	0
NBK4 On 28/10/2024 Spot Bond			11.14500	46.05812	11.14500	46.04479			0.00	0	0
Total NBK4 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 NBK4									0.00	0	0
NBK40I On 31/07/2026 Spot Bond				100.00000	0.00000	101.55584			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	100.93772			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	100.86772			0.00	144,000,000	48,000,000
Total NBK42B SPOT									0.00	144,000,000	48,000,000
Total For NBK42B									0.00	144,000,000	48,000,000
NBK43I On 20/02/2024 Spot Bond				100.00000	0.00000	100.89141			0.00	760,000,000	420,000,000
Total NBK43B SPOT									0.00	760,000,000	420,000,000
Total For NBK43B									0.00	760,000,000	420,000,000
NBK7B On 19/04/2020 Spot Bond				100.00000	0.00000	101.78016			0.00	0	0
Total NBK7B SPOT									0.00	0	0
Total For NBK7B									0.00	0	0
NCLN7 On 15/08/2017 Spot Bond				100.00000	0.00000	101.07634			0.00	0	0
Total NCLN74 SPOT									0.00	0	0
Total For NCLN74									0.00	0	0
NCLN7 On 20/09/2017 Spot Bond				100.00000	0.00000	100.14366			0.00	0	0
Total NCLN75 SPOT									0.00	0	0
Total For NCLN75									0.00	0	0
NCLN7 On 09/10/2017 Spot Bond				100.00000	0.00000	102.02698			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	100.15043			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	8.97203	100.00000	8.95030			0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			100.00000	8.97203	100.00000	8.95030			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			10.31500	104.47952	10.31500	104.45097			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	100.14963			0.00	0	0

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 NCLN84 SPOT										0.00	0	0
Total For NCLN84										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			10.35000	103.45598	10.35000	103.42761				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	100.15043				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	100.15161				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	100.15321				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	100.59626				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	101.90055				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	100.06640				0.00	0	0
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	101.90059				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	13.51698	100.00000	13.48423				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	1.41114	100.00000	1.40834				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	13.37191	100.00000	13.33951				0.00	0	0
Total NED03U SPOT										0.00	0	0
Total For NED03U										0.00	0	0
NED13 On 25/07/2018 Spot Bond				100.00000	0.00000	102.48948				0.00	0	0

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 NED13 SPOT									0.00	0	0
Total For NED13									0.00	0	0
NED14 On 29/11/2018 Spot Bond				100.00000	0.00000	101.09924			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			9.38000	104.04623	9.38000	104.02018			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	102.22203			0.00	250,000,000	125,000,000
Total NED16 SPOT									0.00	250,000,000	125,000,000
Total For NED16									0.00	250,000,000	125,000,000
NED17 On 14/10/2019 Spot Bond				100.00000	0.00000	101.92060			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	101.92101			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	101.08935			0.00	640,000,000	320,000,000
Total NED19 SPOT									0.00	640,000,000	320,000,000
Total For NED19									0.00	640,000,000	320,000,000
NED20 On 01/07/2020 Spot Bond			10.75000	101.23695	10.75000	101.20767		4,133,375,000,000.00	0.00	384,500,000	3,233,000,000
Total NED20 SPOT								4,133,375,000,000.00	0.00	384,500,000	3,233,000,000
Total For NED20								4,133,375,000,000.00	0.00	384,500,000	3,233,000,000
NED9 On 06/07/2017 Spot Bond				100.00000	0.00000	99.79847			0.00	0	0
Total NED9 SPOT									0.00	0	0
Total For NED9									0.00	0	0
NEDH1 On 20/11/2018 Spot Bond			9.44500	108.70275	9.44500	108.67549			0.00	0	0
Total NEDH1A SPOT									0.00	0	0
Total For NEDH1A									0.00	0	0
NEDH1 On 20/11/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total NEDH1B SPOT									0.00	0	0
Total For NEDH1B									0.00	0	0
NEDT1 On 21/05/2021 Spot Bond				100.00000	0.00000	103.63511			0.00	2,080,000,000	1,040,000,000
Total NEDT1A SPOT									0.00	2,080,000,000	1,040,000,000
Total For NEDT1A									0.00	2,080,000,000	1,040,000,000
NEDT1 On 26/11/2021 Spot Bond				100.00000	0.00000	101.15662			0.00	300,000,000	160,000,000

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 NEDT1B SPOT										0.00	300,000,000	160,000,000
Total For NEDT1B										0.00	300,000,000	160,000,000
NET50 On 08/08/2017 Spot Bond				100.00000	0.00000	103.17910				0.00	0	0
Total NET50 SPOT										0.00	0	0
Total For NET50										0.00	0	0
NGL01 On 22/09/2021 Spot Bond				100.00000	0.00000	102.32147				0.00	900,000,000	480,000,000
Total NGL01 SPOT										0.00	900,000,000	480,000,000
Total For NGL01										0.00	900,000,000	480,000,000
NGL02 On 15/03/2022 Spot Bond				100.00000	0.00000	101.17772				0.00	2,220,000,000	1,180,000,000
Total NGL02 SPOT										0.00	2,220,000,000	1,180,000,000
Total For NGL02										0.00	2,220,000,000	1,180,000,000
NGL03 On 26/05/2022 Spot Bond				100.00000	0.00000	100.98133				0.00	0	0
Total NGL03 SPOT										0.00	0	0
Total For NGL03										0.00	0	0
NHM00 On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				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	101.64639	13.50000	101.61031				0.00	0	0
Total NHM002 SPOT										0.00	0	0
Total For NHM002										0.00	0	0
NHM00 On 09/10/2019 Spot Bond				100.00000	0.00000	100.51072				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			3.34000	106.15355	3.34000	120.96298				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	168.90225	3.45000	168.85342				0.00	0	0
Total NILB12 SPOT										0.00	0	0
Total For NILB12										0.00	0	0
NILB13 On 31/01/2025 Spot Bond			3.73000	117.80182	3.73000	117.76676				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			3.93000	158.75546	3.93000	161.03495				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			4.00000	159.92416	4.00000	160.01179				0.00	0	0

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 NILB15 SPOT										0.00	0	0
Total For NILB15										0.00	0	0
NILB17 On 31/01/2038 Spot Bond			3.81000	80.96607	3.81000	103.68243				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			8.55000	106.08866	8.55000	106.06414				0.00	0	0
Total NMP20N SPOT										0.00	0	0
Total For NMP20N										0.00	0	0
NQ1A10 On 22/05/2020 Spot Bond			9.18000	103.93851	9.18000	104.15391				0.00	0	0
Total NQ1A10 SPOT										0.00	0	0
Total For NQ1A10										0.00	0	0
NQ1A10 On 22/05/2048 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total NQ1A16 SPOT										0.00	0	0
Total For NQ1A16										0.00	0	0
NQ1A16 On 22/05/2018 Spot Bond				100.00000	0.00000	100.80766				0.00	0	0
Total NQ1A17 SPOT										0.00	0	0
Total For NQ1A17										0.00	0	0
NQ1A17 On 22/05/2050 Spot Bond				100.00000	0.00000	100.75764				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	100.84540				0.00	0	0
Total NQ1A21 SPOT										0.00	0	0
Total For NQ1A21										0.00	0	0
NQ1A21 On 22/05/2018 Spot Bond				100.00000	0.00000	100.82018				0.00	0	0
Total NQ1A23 SPOT										0.00	0	0
Total For NQ1A23										0.00	0	0
NQ1A23 On 22/05/2020 Spot Bond				100.00000	0.00000	100.87210				0.00	0	0
Total NQ1A24 SPOT										0.00	0	0
Total For NQ1A24										0.00	0	0
NQ1A24 On 22/05/2022 Spot Bond				100.00000	0.00000	100.89467				0.00	0	0
Total NQ1A25 SPOT										0.00	0	0
Total For NQ1A25										0.00	0	0
NQ1A25 On 22/05/2018 Spot Bond				100.00000	0.00000	100.82018				0.00	0	0
Total NQ1A26 SPOT										0.00	0	0
Total For NQ1A26										0.00	0	0
NQ1B10 On 22/05/2020 Spot Bond			9.38000	103.94980	9.38000	104.16328				0.00	0	0

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 NQ1B10 SPOT										0.00	0	0
Total For NQ1B10										0.00	0	0
NQ1B1: On 22/05/2018 Spot Bond				100.00000	0.00000	100.88222				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	100.89288				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	100.83910				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			9.58000	103.96112	9.58000	104.17269				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	100.84856				0.00	0	0
Total NQ1C15 SPOT										0.00	0	0
Total For NQ1C15										0.00	0	0
NQ1C1 On 22/05/2052 Spot Bond				100.00000	0.00000	100.93348				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	100.85329				0.00	0	1,000,000,000
Total NQ1C19 SPOT										0.00	0	1,000,000,000
Total For NQ1C19										0.00	0	1,000,000,000
NQF1D On 22/05/2020 Spot Bond				100.00000	0.00000	101.02778				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	100.86747				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	100.96456				0.00	0	0
Total NQF1D8 SPOT										0.00	0	0
Total For NQF1D8										0.00	0	0
NRA01: On 30/11/2018 Spot Bond			8.61000	105.67670	8.61000	105.65237				0.00	0	0
Total NRA018 SPOT										0.00	0	0
Total For NRA018										0.00	0	0
NRA02: On 31/10/2022 Spot Bond			9.30500	114.08116	9.30500	114.05296				0.00	0	300,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total NRA022 SPOT									0.00	0	300,000,000
Total For NRA022									0.00	0	300,000,000
NRA02: On 31/05/2023 Spot Bond			3.65000	173.83583	3.65000	173.78463			0.00	0	7,700,000,000
Total NRA023 SPOT									0.00	0	7,700,000,000
Total For NRA023									0.00	0	7,700,000,000
NRA02: On 30/11/2028 Spot Bond			11.07000	108.43031	11.07000	108.39840			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	13.01349	100.00000	12.98469			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	100.38181			0.00	0	300,000,000
Total NTC16 SPOT									0.00	0	300,000,000
Total For NTC16									0.00	0	300,000,000
NTC18 On 27/02/2019 Spot Bond				100.00000	0.00000	101.15426			0.00	340,000,000	170,000,000
Total NTC18 SPOT									0.00	340,000,000	170,000,000
Total For NTC18									0.00	340,000,000	170,000,000
NTC19 On 27/07/2020 Spot Bond				100.00000	0.00000	101.49996			0.00	320,000,000	160,000,000
Total NTC19 SPOT									0.00	320,000,000	160,000,000
Total For NTC19									0.00	320,000,000	160,000,000
OML02 On 27/11/2019 Spot Bond				100.00000	0.00000	101.31377			0.00	0	62,000,000
Total OML02 SPOT									0.00	0	62,000,000
Total For OML02									0.00	0	62,000,000
OML03 On 27/11/2019 Spot Bond			9.70000	99.82605	9.70000	99.80035		989,400,000,000.00		102,000,000	34,000,000
Total OML03 SPOT								989,400,000,000.00		102,000,000	34,000,000
Total For OML03								989,400,000,000.00		102,000,000	34,000,000
OML04 On 19/03/2020 Spot Bond				100.00000	0.00000	100.30169			0.00	40,000,000	20,000,000
Total OML04 SPOT									0.00	40,000,000	20,000,000
Total For OML04									0.00	40,000,000	20,000,000
OML05 On 19/03/2020 Spot Bond			9.83500	102.44736	9.83500	102.42064		767,130,000,000.00		78,000,000	1,526,000,000
Total OML05 SPOT								767,130,000,000.00		78,000,000	1,526,000,000
Total For OML05								767,130,000,000.00		78,000,000	1,526,000,000
OML06 On 19/03/2022 Spot Bond			10.58000	101.82319	10.58000	101.79466			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			11.47000	100.34530	11.47000	100.31490		1,898,285,000,000.00		165,500,000	1,028,500,000

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 OML07 SPOT									1,898,285,000,000.00	165,500,000	1,028,500,000
Total For OML07									1,898,285,000,000.00	165,500,000	1,028,500,000
OML08 On 14/09/2020 Spot Bond				100.00000	0.00000	100.59127			0.00	480,000,000	240,000,000
Total OML08 SPOT									0.00	480,000,000	240,000,000
Total For OML08									0.00	480,000,000	240,000,000
OML09 On 14/09/2022 Spot Bond			10.57000	104.37306	10.57000	104.34385			1,648,920,000,000.00	156,000,000	1,052,000,000
Total OML09 SPOT									1,648,920,000,000.00	156,000,000	1,052,000,000
Total For OML09									1,648,920,000,000.00	156,000,000	1,052,000,000
OML10 On 14/09/2025 Spot Bond			11.47000	102.57195	11.47000	102.54086			0.00	0	940,000,000
Total OML10 SPOT									0.00	0	940,000,000
Total For OML10									0.00	0	940,000,000
PMM12 On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100			0.00	0	0
Total PMM12/JIBAR SPOT									0.00	0	0
Total For PMM12/JIBAR									0.00	0	0
PMM29 On 04/09/2017 Spot Bond				100.00000	0.00000	100.42001			0.00	0	0
Total PMM29 SPOT									0.00	0	0
Total For PMM29									0.00	0	0
PMM30 On 07/09/2017 Spot Bond				100.00000	0.00000	100.45585			0.00	0	0
Total PMM30 SPOT									0.00	0	0
Total For PMM30									0.00	0	0
PMM33 On 01/09/2017 Spot Bond				100.00000	0.00000	100.56370			0.00	0	0
Total PMM33 SPOT									0.00	0	0
Total For PMM33									0.00	0	0
PMM34 On 07/03/2018 Spot Bond				100.00000	0.00000	100.05564			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	101.20167			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	101.27077			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	100.72166			0.00	0	0
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	100.30649			0.00	0	0

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 PMM38 SPOT										0.00	0	0
Total For PMM38										0.00	0	0
PPC00: On 31/12/2018 Spot Bond				100.00000	0.00000	96.46818				0.00	0	0
Total PPC002 SPOT										0.00	0	0
Total For PPC002										0.00	0	0
PPC00: On 31/10/2019 Spot Bond				100.00000	0.00000	98.20109				0.00	0	0
Total PPC003 SPOT										0.00	0	0
Total For PPC003										0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total PRE1A1 SPOT										0.00	0	0
Total For PRE1A1										0.00	0	0
PRE1A: On 27/01/2018 Spot Bond				100.00000	0.00000	101.49847				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	101.45009				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	101.58784				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	101.61987				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	101.99460				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	102.08793				0.00	3,000,000,000	1,500,000,000
Total PRE2A2 SPOT										0.00	3,000,000,000	1,500,000,000
Total For PRE2A2										0.00	3,000,000,000	1,500,000,000
PRE2A: On 20/02/2022 Spot Bond				100.00000	0.00000	102.16953				0.00	0	0
Total PRE2A3 SPOT										0.00	0	0
Total For PRE2A3										0.00	0	0
PRE2B On 20/02/2022 Spot Bond				100.00000	0.00000	102.33253				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	102.35579				0.00	0	0

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 PRE2C1 SPOT									0.00	0	0
Total For PRE2C1									0.00	0	0
PRE2D On 20/02/2022 Spot Bond				100.00000	0.00000	102.37904			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			8.56500	112.56217	8.57000	112.50176			364,509,977,701,000.00	1,677,117,335,400	1,920,761,651,900
Total R186 SPOT									4,509,977,701,000.00	677,117,335,400	920,761,651,900
Total For R186									4,509,977,701,000.00	677,117,335,400	920,761,651,900
R197 On 07/12/2023 Spot Bond			2.45000	293.90933	2.45000	293.83227			50,701,770,000.00	20,694,600	15,166,079,500
Total R197 SPOT									50,701,770,000.00	20,694,600	15,166,079,500
Total For R197									50,701,770,000.00	20,694,600	15,166,079,500
R202 On 07/12/2033 Spot Bond			2.42000	239.85564	2.42000	239.79294			72,786,558,768,000.00	30,077,090,400	215,403,727,700
Total R202 SPOT									2,786,558,768,000.00	30,077,090,400	215,403,727,700
Total For R202									2,786,558,768,000.00	30,077,090,400	215,403,727,700
R2023 On 28/02/2023 Spot Bond			7.97000	101.49973	8.00000	101.34413			555,756,743,001,000.00	320,672,113,300	653,822,538,900
Total R2023 SPOT									5,756,743,001,000.00	320,672,113,300	653,822,538,900
Total For R2023									5,756,743,001,000.00	320,672,113,300	653,822,538,900
R203 On 15/09/2017 Spot Bond			7.45000	102.45208	7.45000	102.43151			876,225,443,430,000.00	251,842,341,400	716,575,000,000
Total R203 SPOT									6,225,443,430,000.00	251,842,341,400	716,575,000,000
Total For R203									6,225,443,430,000.00	251,842,341,400	716,575,000,000
R2030 On 31/01/2030 Spot Bond			9.15000	94.73975	9.15000	94.71634			411,368,200,530,000.00	700,695,978,200	718,466,633,900
Total R2030 SPOT									11,368,200,530,000.00	700,695,978,200	718,466,633,900
Total For R2030									11,368,200,530,000.00	700,695,978,200	718,466,633,900
R2032 On 31/03/2032 Spot Bond			9.34500	93.28625	9.34500	93.26298			515,726,428,574,000.00	804,251,089,200	475,850,026,300
Total R2032 SPOT									15,726,428,574,000.00	804,251,089,200	475,850,026,300
Total For R2032									15,726,428,574,000.00	804,251,089,200	475,850,026,300
R2035 On 28/02/2035 Spot Bond			9.60500	96.69337	9.60500	96.66873			418,680,901,643,000.00	460,039,656,600	424,630,800,000
Total R2035 SPOT									18,680,901,643,000.00	460,039,656,600	424,630,800,000
Total For R2035									18,680,901,643,000.00	460,039,656,600	424,630,800,000
R2037 On 31/01/2037 Spot Bond			9.71500	92.87910	9.71500	92.85476			334,151,375,724,000.00	651,997,053,600	1,025,732,875,900
Total R2037 SPOT									14,151,375,724,000.00	651,997,053,600	1,025,732,875,900
Total For R2037									14,151,375,724,000.00	651,997,053,600	1,025,732,875,900
R204 On 21/12/2018 Spot Bond			7.43000	100.91582	7.43000	100.89570			015,210,554,550,000.00	271,226,185,000	381,893,090,000
Total R204 SPOT									15,210,554,550,000.00	271,226,185,000	381,893,090,000
Total For R204									15,210,554,550,000.00	271,226,185,000	381,893,090,000
R2040 On 31/01/2040 Spot Bond			9.76000	96.75566	9.76000	96.73020			322,368,816,224,000.00	442,865,657,400	655,739,100,000

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 R2040 SPOT									22,368,816,224,000.00	442,865,657,400	555,739,100,000
Total For R2040									22,368,816,224,000.00	442,865,657,400	555,739,100,000
R2044 On 31/01/2044 Spot Bond			9.81000	93.57813	9.81000	93.55338			672,393,033,520,000.00	272,415,192,000	858,418,596,000
Total R2044 SPOT									2,393,033,520,000.00	272,415,192,000	358,418,596,000
Total For R2044									2,393,033,520,000.00	272,415,192,000	358,418,596,000
R2048 On 28/02/2048 Spot Bond			9.76000	93.01356	9.76000	92.98948			298,164,295,360,000.00	440,385,686,000	392,695,443,000
Total R2048 SPOT									18,164,295,360,000.00	440,385,686,000	392,695,443,000
Total For R2048									18,164,295,360,000.00	440,385,686,000	392,695,443,000
R207 On 15/01/2020 Spot Bond			7.47000	102.75623	7.50000	102.66707			446,823,152,494,000.00	327,553,300,200	576,612,590,000
Total R207 SPOT									16,823,152,494,000.00	327,553,300,200	576,612,590,000
Total For R207									16,823,152,494,000.00	327,553,300,200	576,612,590,000
R208 On 31/03/2021 Spot Bond			7.57500	98.95142	7.60500	98.83624			518,610,935,077,500.00	860,542,697,700	724,404,130,000
Total R208 SPOT									18,610,935,077,500.00	860,542,697,700	724,404,130,000
Total For R208									18,610,935,077,500.00	860,542,697,700	724,404,130,000
R209 On 31/03/2036 Spot Bond			9.54000	73.00128	9.57000	72.78067			571,276,694,812,000.00	583,991,267,800	1,085,296,233,900
Total R209 SPOT									1,276,694,812,000.00	583,991,267,800	1,085,296,233,900
Total For R209									1,276,694,812,000.00	583,991,267,800	1,085,296,233,900
R210 On 31/03/2028 Spot Bond			2.44000	184.75629	2.44000	184.70789			44,853,544,000.00	18,382,600	103,242,491,900
Total R210 SPOT									44,853,544,000.00	18,382,600	103,242,491,900
Total For R210									44,853,544,000.00	18,382,600	103,242,491,900
R212 On 31/01/2022 Spot Bond			2.44500	149.46874	2.44500	149.42947			73,395,988,005,000.00	30,018,809,000	165,036,438,900
Total R212 SPOT									3,395,988,005,000.00	30,018,809,000	165,036,438,900
Total For R212									3,395,988,005,000.00	30,018,809,000	165,036,438,900
R213 On 28/02/2031 Spot Bond			9.22500	85.15196	9.24000	85.02992			797,468,513,965,000.00	303,248,619,400	415,624,329,300
Total R213 SPOT									17,468,513,965,000.00	303,248,619,400	415,624,329,300
Total For R213									17,468,513,965,000.00	303,248,619,400	415,624,329,300
R214 On 28/02/2041 Spot Bond			9.68500	72.70187	9.68500	72.68319			276,813,275,933,000.00	131,834,101,800	799,808,830,500
Total R214 SPOT									6,813,275,933,000.00	131,834,101,800	799,808,830,500
Total For R214									6,813,275,933,000.00	131,834,101,800	799,808,830,500
RCG01 On 24/10/2019 Spot Bond				100.00000	0.00000	101.56558			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	101.45245			0.00	0	0
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	102.90334			0.00	0	0

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 RCSB05 SPOT										0.00	0	0
Total For RCSB05										0.00	0	0
RCSB0 On 10/12/2017 Spot Bond				100.00000	0.00000	100.65062				0.00	0	0
Total RCSB07 SPOT										0.00	0	0
Total For RCSB07										0.00	0	0
RCSB2 On 24/07/2017 Spot Bond			100.00000	93.11224	100.00000	92.87532				0.00	0	0
Total RCSB2U SPOT										0.00	0	0
Total For RCSB2U										0.00	0	0
RCSB6 On 31/03/2018 Spot Bond			100.00000	66.64282	100.00000	66.47961				0.00	0	0
Total RCSB6U SPOT										0.00	0	0
Total For RCSB6U										0.00	0	0
RDF011 On 04/09/2017 Spot Bond			100.00000	98.74112	100.00000	98.47280				0.00	0	0
Total RDF01U SPOT										0.00	0	0
Total For RDF01U										0.00	0	0
RDF021 On 04/12/2020 Spot Bond			100.00000	13.43639	100.00000	13.39746				0.00	0	0
Total RDF02U SPOT										0.00	0	0
Total For RDF02U										0.00	0	0
RDF031 On 04/04/2018 Spot Bond			100.00000	64.26773	100.00000	64.09648				0.00	0	0
Total RDF03U SPOT										0.00	0	0
Total For RDF03U										0.00	0	0
RDF041 On 04/10/2018 Spot Bond			100.00000	42.91372	100.00000	42.79936				0.00	0	0
Total RDF04U SPOT										0.00	0	0
Total For RDF04U										0.00	0	0
RDF051 On 04/12/2019 Spot Bond			100.00000	21.57745	100.00000	21.51996				0.00	0	0
Total RDF05U SPOT										0.00	0	0
Total For RDF05U										0.00	0	0
RDFB0 On 11/03/2018 Spot Bond				100.00000	0.00000	100.34548				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	101.02656				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	101.83276				0.00	280,000,000	150,000,000
Total RDFB05 SPOT										0.00	280,000,000	150,000,000
Total For RDFB05										0.00	280,000,000	150,000,000
RDFB0 On 22/03/2019 Spot Bond				100.00000	0.00000	100.73397				0.00	0	0

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	28.67312	100.00000	28.60366				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	100.11130				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	99.99270				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	100.61221				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	99.97713				0.00	188,000,000	94,000,000
Total RDFB10 SPOT										0.00	188,000,000	94,000,000
Total For RDFB10										0.00	188,000,000	94,000,000
RDFB1 On 27/03/2022 Spot Bond				100.00000	0.00000	99.97647				0.00	0	0
Total RDFB11 SPOT										0.00	0	0
Total For RDFB11										0.00	0	0
RDFC3 On 07/07/2017 Spot Bond				100.00000	0.00000	101.38779				0.00	0	0
Total RDFC34 SPOT										0.00	0	0
Total For RDFC34										0.00	0	0
RDFC3 On 05/10/2017 Spot Bond				100.00000	0.00000	99.80475				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	102.12594				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	100.55729				0.00	0	0
Total RDFC38 SPOT										0.00	0	0
Total For RDFC38										0.00	0	0
REB01 On 21/05/2018 Spot Bond				100.00000	0.00000	100.98207				0.00	0	0
Total REB01 SPOT										0.00	0	0
Total For REB01										0.00	0	0
REB01 On 21/05/2018 Spot Bond			100.00000	60.89175	100.00000	60.74424				0.00	0	0

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	100.91053				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	100.86570				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	102.67006				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	102.81549				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	103.38631				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	102.78133				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	100.22487				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	58.34131	100.00000	58.19998				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	28.70612	100.00000	28.63658				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	16.60550	100.00000	16.56527				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	11.73440	100.00000	11.70597				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	101.24194				0.00	0	0

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	101.30327				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	100.47881				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	101.68224				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	102.02850				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	100.82157				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	101.66194				0.00	0	0
Total RES36 SPOT										0.00	0	0
Total For RES36										0.00	0	0
RES37 On 12/07/2017 Spot Bond				100.00000	0.00000	103.78234				0.00	0	0
Total RES37 SPOT										0.00	0	0
Total For RES37										0.00	0	0
RES38 On 01/08/2020 Spot Bond				100.00000	0.00000	101.39236				0.00	0	0
Total RES38 SPOT										0.00	0	0
Total For RES38										0.00	0	0
RES39I On 03/05/2018 Spot Bond			100.00000	57.85552	100.00000	57.67489				0.00	0	0
Total RES39U SPOT										0.00	0	0
Total For RES39U										0.00	0	0
RMBI0€ On 24/07/2038 Spot Bond			100.00000		100.00000	0.00000				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	78.83856				0.00	0	0
Total RP014 SPOT										0.00	0	0
Total For RP014										0.00	0	0
RP020 On 12/02/2020 Spot Bond			100.00000	22.42988	100.00000	22.37555				0.00	0	0

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 RP020 SPOT										0.00	0	0
Total For RP020										0.00	0	0
RPP011 On 31/08/2018 Spot Bond			100.00000	35.04509	100.00000	34.96110				0.00	0	0
Total RPP01U SPOT										0.00	0	0
Total For RPP01U										0.00	0	0
RPP081 On 30/04/2020 Spot Bond			100.00000	20.66303	100.00000	20.58757				0.00	0	0
Total RPP08U SPOT										0.00	0	0
Total For RPP08U										0.00	0	0
RPS001 On 16/11/2022 Spot Bond				100.00000	0.00000	101.89593				0.00	0	0
Total RPS001 SPOT										0.00	0	0
Total For RPS001										0.00	0	0
RPS002 On 30/04/2025 Spot Bond				100.00000	0.00000	48.24199				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			9.28500	103.95894	9.28500	103.93316				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			9.68000	99.63029	9.68000	99.60457				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			10.96000	95.86262	10.96000	95.83469				0.00	0	0
Total RW28 SPOT										0.00	0	0
Total For RW28										0.00	0	0
S1327L On 02/08/2017 Spot Bond			100.00000	91.02244	100.00000	90.79602				0.00	0	0
Total S1327U SPOT										0.00	0	0
Total For S1327U										0.00	0	0
SBK12/ On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				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			8.43000	101.16182	8.43000	101.13927				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	100.49062				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	100.42327				0.00	620,000,000	310,000,000

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 SBK17 SPOT										0.00	620,000,000	310,000,000
Total For SBK17										0.00	620,000,000	310,000,000
SBK18 On 24/10/2020 Spot Bond				100.00000	0.00000	100.14001				0.00	570,000,000	740,000,000
Total SBK18 SPOT										0.00	570,000,000	740,000,000
Total For SBK18										0.00	570,000,000	740,000,000
SBK19 On 24/10/2019 Spot Bond				100.00000	0.00000	101.65981				0.00	0	0
Total SBK19 SPOT										0.00	0	0
Total For SBK19										0.00	0	0
SBK20 On 02/12/2019 Spot Bond				100.00000	0.00000	102.21808				0.00	762,500,000	367,500,000
Total SBK20 SPOT										0.00	762,500,000	367,500,000
Total For SBK20										0.00	762,500,000	367,500,000
SBK21 On 28/01/2020 Spot Bond				100.00000	0.00000	101.39564				0.00	86,000,000	32,000,000
Total SBK21 SPOT										0.00	86,000,000	32,000,000
Total For SBK21										0.00	86,000,000	32,000,000
SBK22 On 28/05/2025 Spot Bond				100.00000	0.00000	102.04309				0.00	1,068,000,000	516,000,000
Total SBK22 SPOT										0.00	1,068,000,000	516,000,000
Total For SBK22										0.00	1,068,000,000	516,000,000
SBK23 On 28/05/2022 Spot Bond			11.30000	101.88178	11.30000	101.85135		11,300,000,000,000.00		1,000,000,000	2,410,000,000	
Total SBK23 SPOT								11,300,000,000,000.00		1,000,000,000	2,410,000,000	
Total For SBK23								11,300,000,000,000.00		1,000,000,000	2,410,000,000	
SBK24 On 19/10/2020 Spot Bond				100.00000	0.00000	103.42552				0.00	0	35,000,000
Total SBK24 SPOT										0.00	0	35,000,000
Total For SBK24										0.00	0	35,000,000
SBK24/ On 19/10/2025 Spot Bond			100.00000	12.82839	100.00000	12.79697				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	104.28704				0.00	1,540,000,000	770,000,000
Total SBK25 SPOT										0.00	1,540,000,000	770,000,000
Total For SBK25										0.00	1,540,000,000	770,000,000
SBK26 On 25/04/2021 Spot Bond			11.34500	104.81891	11.34500	104.78731				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			8.78000	101.48516	8.78000	101.46133		13,345,600,000,000.00		1,520,000,000	3,520,000,000	
Total SBK9 SPOT								13,345,600,000,000.00		1,520,000,000	3,520,000,000	
Total For SBK9								13,345,600,000,000.00		1,520,000,000	3,520,000,000	
SBN33 On 15/09/2017 Spot Bond			8.85000	102.14369	8.85000	102.11940				0.00	0	0

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 SBN33 SPOT									0.00	0	0
Total For SBN33									0.00	0	0
SBN45 On 15/09/2017 Spot Bond				100.00000	0.00000	100.32305			0.00	0	0
Total SBN45 SPOT									0.00	0	0
Total For SBN45									0.00	0	0
SBS13 On 22/09/2017 Spot Bond			8.07000	102.47879	8.07000	102.45656			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	100.44268			0.00	0	0
Total SBS16 SPOT									0.00	0	0
Total For SBS16									0.00	0	0
SBS18 On 23/06/2018 Spot Bond				100.00000	0.00000	100.75604			0.00	0	0
Total SBS18 SPOT									0.00	0	0
Total For SBS18									0.00	0	0
SBS19 On 23/06/2021 Spot Bond			8.90500	104.31232	8.90500	104.28750			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			9.81000	102.55446	9.81000	102.52778		9,810,000,000,000.00	1,000,000,000	1,000,000,000	
Total SBS20 SPOT								9,810,000,000,000.00	1,000,000,000	1,000,000,000	
Total For SBS20								9,810,000,000,000.00	1,000,000,000	1,000,000,000	
SBS21 On 15/05/2026 Spot Bond				100.00000	0.00000	102.57882		0.00	620,000,000	310,000,000	
Total SBS21 SPOT								0.00	620,000,000	310,000,000	
Total For SBS21								0.00	620,000,000	310,000,000	
SBS24 On 24/05/2019 Spot Bond				100.00000	0.00000	101.17195		0.00	0	59,000,000	
Total SBS24 SPOT								0.00	0	59,000,000	
Total For SBS24								0.00	0	59,000,000	
SBS25 On 24/05/2019 Spot Bond			8.27000	101.84518	8.27000	101.82276		0.00	0	500,000,000	
Total SBS25 SPOT								0.00	0	500,000,000	
Total For SBS25								0.00	0	500,000,000	
SBS27 On 20/02/2024 Spot Bond			9.60000	106.09019	9.60000	106.06272		8,640,000,000,000.00	900,000,000	450,000,000	
Total SBS27 SPOT								8,640,000,000,000.00	900,000,000	450,000,000	
Total For SBS27								8,640,000,000,000.00	900,000,000	450,000,000	
SBS29 On 12/06/2019 Spot Bond			8.28500	101.06829	8.28500	101.04588		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			9.99000	90.31986	9.99000	90.29593		0.00	0	0	

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 SBS3 SPOT									0.00	0	0
Total For SBS3									0.00	0	0
SBS30 On 12/06/2019 Spot Bond				100.00000	0.00000	100.23404			0.00	0	4,700,000,000
Total SBS30 SPOT									0.00	0	4,700,000,000
Total For SBS30									0.00	0	4,700,000,000
SBS31 On 27/06/2027 Spot Bond			10.01500	98.96331	10.01500	98.93690		250,597,333,000,000.00	25,022,200,000	20,014,800,000	
Total SBS31 SPOT								0,597,333,000,000.00	25,022,200,000	20,014,800,000	
Total For SBS31								0,597,333,000,000.00	25,022,200,000	20,014,800,000	
SBS32 On 19/09/2017 Spot Bond				100.00000	0.00000	100.07647			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	100.16354			0.00	0	0
Total SBS33 SPOT									0.00	0	0
Total For SBS33									0.00	0	0
SBS34 On 19/09/2024 Spot Bond			10.37000	101.36295	10.37000	101.33511			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	101.53610			0.00	300,000,000	100,000,000
Total SBS35 SPOT									0.00	300,000,000	100,000,000
Total For SBS35									0.00	300,000,000	100,000,000
SBS36 On 29/01/2020 Spot Bond				100.00000	0.00000	101.18308			0.00	0	500,000,000
Total SBS36 SPOT									0.00	0	500,000,000
Total For SBS36									0.00	0	500,000,000
SBS37 On 29/01/2020 Spot Bond			8.48000	102.11849	8.48000	102.09506			0.00	0	250,000,000
Total SBS37 SPOT									0.00	0	250,000,000
Total For SBS37									0.00	0	250,000,000
SBS38 On 29/01/2025 Spot Bond			9.65000	100.76106	9.65000	100.73484		2,991,500,000,000.00	310,000,000	310,000,000	
Total SBS38 SPOT								2,991,500,000,000.00	310,000,000	310,000,000	
Total For SBS38								2,991,500,000,000.00	310,000,000	310,000,000	
SBS39 On 29/01/2030 Spot Bond			10.26000	100.13954	10.26000	100.11187			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			9.37500	98.22876	9.37500	98.20431			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	101.43194			0.00	0	2,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SBS40 SPOT										0.00	0	2,500,000,000
Total For SBS40										0.00	0	2,500,000,000
SBS41 On 12/11/2022 Spot Bond			9.17000	104.60444	9.17000	104.57896				0.00	0	72,000,000
Total SBS41 SPOT										0.00	0	72,000,000
Total For SBS41										0.00	0	72,000,000
SBS42 On 12/11/2025 Spot Bond			9.68500	106.70128	9.68500	106.67386				0.00	0	30,000,000
Total SBS42 SPOT										0.00	0	30,000,000
Total For SBS42										0.00	0	30,000,000
SBS43 On 12/11/2027 Spot Bond			9.96000	106.81273	9.96000	106.78452				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	101.24954				0.00	0	0
Total SBS44 SPOT										0.00	0	0
Total For SBS44										0.00	0	0
SBS45 On 15/02/2021 Spot Bond				100.00000	0.00000	101.73311				0.00	0	2,092,500,000
Total SBS45 SPOT										0.00	0	2,092,500,000
Total For SBS45										0.00	0	2,092,500,000
SBS46 On 15/02/2023 Spot Bond			9.16500	110.28414	9.16500	110.25684				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	101.62129				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	101.31787				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	101.35662				0.00	0	0
Total SBS49 SPOT										0.00	0	0
Total For SBS49										0.00	0	0
SBS50 On 31/01/2022 Spot Bond			9.10000	105.13240	9.10000	105.10657				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			9.61000	104.74416	9.61000	104.71700				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	101.60844				0.00	920,000,000	470,000,000

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 SBS52 SPOT									0.00	920,000,000	470,000,000
Total For SBS52									0.00	920,000,000	470,000,000
SBS53 On 03/05/2027 Spot Bond				100.00000	0.00000	101.41829			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	100.33513			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	100.34707			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			9.13000	99.65409	9.13000	99.62978			0.00	0	0
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	100.35083			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	100.42349			0.00	0	5,500,000,000
Total SBS58 SPOT									0.00	0	5,500,000,000
Total For SBS58									0.00	0	5,500,000,000
SBSI11 On 07/12/2023 Spot Bond			3.90000	271.45942	3.90000	271.37767		3,042,000,000,000.00		780,000,000	390,000,000
Total SBSI11 SPOT								3,042,000,000,000.00		780,000,000	390,000,000
Total For SBSI11								3,042,000,000,000.00		780,000,000	390,000,000
SBSI14 On 07/12/2033 Spot Bond			3.97000	197.43411	3.97000	197.45039		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	99.86413			0.00	0	0
Total SBT101 SPOT									0.00	0	0
Total For SBT101									0.00	0	0
SCM10 On 15/09/2017 Spot Bond			100.00000	83.91986	100.00000	83.73170			0.00	0	0
Total SCM10U SPOT									0.00	0	0
Total For SCM10U									0.00	0	0
SF2A2L On 11/02/2018 Spot Bond			100.00000	57.38235	100.00000	57.24334			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	57.38235	100.00000	57.24334			0.00	0	0

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 SF2BU SPOT										0.00	0	0
Total For SF2BU										0.00	0	0
SF2CU On 11/02/2018 Spot Bond			100.00000	57.38235	100.00000	57.24334				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	57.38235	100.00000	57.24334				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	102.71881				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	102.71893				0.00	0	0
Total SGI005 SPOT										0.00	0	0
Total For SGI005										0.00	0	0
SHI02 On 01/10/2021 Spot Bond				189.55769	0.00000	82.63494				0.00	0	0
Total SHI02 SPOT										0.00	0	0
Total For SHI02										0.00	0	0
SHS04 On 29/06/2017 Spot Bond				100.00000	0.00000	99.93649				0.00	0	0
Total SHS04 SPOT										0.00	0	0
Total For SHS04										0.00	0	0
SHS05 On 29/06/2017 Spot Bond			8.72000	99.95224	8.72000	99.92838				0.00	0	0
Total SHS05 SPOT										0.00	0	0
Total For SHS05										0.00	0	0
SHS05/On 29/06/2017 Spot Bond			8.75000	99.95207	8.75000	99.92813				0.00	0	0
Total SHS05/R203 SPOT										0.00	0	0
Total For SHS05/R203										0.00	0	0
SHS06 On 12/12/2017 Spot Bond				100.00000	0.00000	100.74910				0.00	96,400,000	24,100,000
Total SHS06 SPOT										0.00	96,400,000	24,100,000
Total For SHS06										0.00	96,400,000	24,100,000
SHS11L On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100				0.00	0	0
Total SHS11U/JIBAR SPOT										0.00	0	0
Total For SHS11U/JIBAR										0.00	0	0
SHS19 On 10/09/2017 Spot Bond			9.05000	103.16162	9.05000	103.13652				0.00	0	0
Total SHS19 SPOT										0.00	0	0
Total For SHS19										0.00	0	0
SHS22 On 23/02/2020 Spot Bond				100.00000	0.00000	101.23638				0.00	0	30,000,000

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 SHS22 SPOT										0.00	0	30,000,000
Total For SHS22										0.00	0	30,000,000
SHS23 On 29/06/2018 Spot Bond				100.00000	0.00000	99.93045				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	99.92792				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			9.50500	100.77994	9.50500	100.75423				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	99.92792				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	102.36787				0.00	0	0
Total SHS28 SPOT										0.00	0	0
Total For SHS28										0.00	0	0
SHS29I On 03/12/2018 Spot Bond			100.00000	40.55204	100.00000	40.45379				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	99.78649				0.00	0	0
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	99.78169				0.00	0	10,000,000,000
Total SHS31 SPOT										0.00	0	10,000,000,000
Total For SHS31										0.00	0	10,000,000,000
SLI3 On 15/08/2018 Spot Bond			8.68000	103.17526	8.68000	103.15105				0.00	0	0
Total SLI3 SPOT										0.00	0	0
Total For SLI3										0.00	0	0
SLI4 On 15/08/2021 Spot Bond				100.00000	0.00000	101.11242				0.00	98,000,000	98,000,000
Total SLI4 SPOT										0.00	98,000,000	98,000,000
Total For SLI4										0.00	98,000,000	98,000,000
SLRA1 On 15/08/2019 Spot Bond				100.00000	0.00000	101.05928				0.00	0	100,000,000
Total SLRA1 SPOT										0.00	0	100,000,000
Total For SLRA1										0.00	0	100,000,000
SLRA2 On 15/11/2021 Spot Bond				100.00000	0.00000	101.08747				0.00	0	0

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 SLRA2 SPOT										0.00	0	0
Total For SLRA2										0.00	0	0
SLRB1 On 15/08/2019 Spot Bond				100.00000	0.00000	101.10470				0.00	0	0
Total SLRB1 SPOT										0.00	0	0
Total For SLRB1										0.00	0	0
SLRB2 On 15/11/2021 Spot Bond				100.00000	0.00000	101.11583				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	101.19661				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	101.22009				0.00	0	0
Total SLRC2 SPOT										0.00	0	0
Total For SLRC2										0.00	0	0
SNT01 On 15/09/2017 Spot Bond			8.65000	102.18763	8.65000	102.16387				0.00	0	3,770,000,000
Total SNT01 SPOT										0.00	0	3,770,000,000
Total For SNT01										0.00	0	3,770,000,000
SNT02 On 12/04/2021 Spot Bond				100.00000	0.00000	102.02605				0.00	40,000,000	20,000,000
Total SNT02 SPOT										0.00	40,000,000	20,000,000
Total For SNT02										0.00	40,000,000	20,000,000
SNT03 On 12/04/2023 Spot Bond			10.60000	54.97612	10.60000	107.34652				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
SPDA1 On 21/08/2021 Spot Bond				100.00000	0.00000	100.89035				0.00	0	0
Total SPDA10 SPOT										0.00	0	0
Total For SPDA10										0.00	0	0
SPDA4 On 21/08/2017 Spot Bond				100.00000	0.00000	100.98743				0.00	0	0
Total SPDA4 SPOT										0.00	0	0
Total For SPDA4										0.00	0	0
SPDA5 On 21/08/2017 Spot Bond				100.00000	0.00000	100.86986				0.00	0	0
Total SPDA5 SPOT										0.00	0	0
Total For SPDA5										0.00	0	0
SPDA6 On 21/08/2019 Spot Bond				100.00000	0.00000	100.85845				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	100.84649				0.00	0	0

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 SPDA7 SPOT										0.00	0	0
Total For SPDA7										0.00	0	0
SPDA8 On 21/08/2021 Spot Bond				100.00000	0.00000	100.87168				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	100.87547				0.00	0	0
Total SPDA9 SPOT										0.00	0	0
Total For SPDA9										0.00	0	0
SPG00: On 09/09/2019 Spot Bond				100.00000	0.00000	100.45149				0.00	0	0
Total SPG002 SPOT										0.00	0	0
Total For SPG002										0.00	0	0
SPG00: On 31/10/2019 Spot Bond				100.00000	0.00000	101.45979				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	101.91746				0.00	0	0
Total SSA05 SPOT										0.00	0	0
Total For SSA05										0.00	0	0
SSA06 On 16/04/2020 Spot Bond			9.30500	98.55257	9.30500	98.52809				0.00	0	300,000,000
Total SSA06 SPOT										0.00	0	300,000,000
Total For SSA06										0.00	0	300,000,000
SSN00: On 31/03/2021 Spot Bond			9.17500	94.03759	9.17500	94.01454				0.00	0	0
Total SSN004 SPOT										0.00	0	0
Total For SSN004										0.00	0	0
SSN00: On 31/03/2021 Spot Bond			9.17500	94.03759	9.17500	94.01454				0.00	0	0
Total SSN005 SPOT										0.00	0	0
Total For SSN005										0.00	0	0
SSN00: On 15/09/2017 Spot Bond			8.33000	102.25802	8.33000	102.23510				0.00	0	0
Total SSN009 SPOT										0.00	0	0
Total For SSN009										0.00	0	0
SSN01: On 31/01/2025 Spot Bond			3.89500	116.03600	3.89500	116.44332				0.00	0	0
Total SSN011 SPOT										0.00	0	0
Total For SSN011										0.00	0	0
SSN01: On 21/12/2026 Spot Bond			10.07000	102.75631	10.07000	102.72874				0.00	0	90,000,000
Total SSN017 SPOT										0.00	0	90,000,000
Total For SSN017										0.00	0	90,000,000
SSN02: On 28/02/2031 Spot Bond			11.11000	73.67973	11.11000	73.65809				0.00	0	0

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 SSN021 SPOT									0.00	0	0
Total For SSN021									0.00	0	0
SSN021 On 21/01/2019 Spot Bond				100.00000	0.00000	101.65469			0.00	0	0
Total SSN024 SPOT									0.00	0	0
Total For SSN024									0.00	0	0
SSN024 On 16/01/2019 Spot Bond				100.00000	0.00000	101.65779			0.00	0	0
Total SSN026 SPOT									0.00	0	0
Total For SSN026									0.00	0	0
SSN026 On 25/09/2019 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total SSN027 SPOT									0.00	0	0
Total For SSN027									0.00	0	0
SSN027 On 07/12/2023 Spot Bond				100.00000	0.00000	100.55524			0.00	0	0
Total SSN029 SPOT									0.00	0	0
Total For SSN029									0.00	0	0
SSN029 On 17/03/2020 Spot Bond				100.00000	0.00000	100.17305			0.00	0	0
Total SSN033 SPOT									0.00	0	0
Total For SSN033									0.00	0	0
SSN033 On 02/06/2020 Spot Bond				100.00000	0.00000	100.62193			0.00	0	0
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	101.03837			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	100.68490			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	103.99489	9.55000	103.96808		1,575,750,000,000.00	165,000,000	55,000,000	
Total SSN038 SPOT								1,575,750,000,000.00	165,000,000	55,000,000	
Total For SSN038								1,575,750,000,000.00	165,000,000	55,000,000	
SSN038 On 11/10/2023 Spot Bond				100.00000	0.00000	101.86637		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			9.40000	103.82526	9.40000	103.79921		0.00	0	0	

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 SSN041 SPOT										0.00	0	0
Total For SSN041										0.00	0	0
SSN041 On 03/12/2018 Spot Bond				100.00000	0.00000	96.42600				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			3.94000	101.68202	3.94000	101.65745				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	101.24317				0.00	20,000,000	40,000,000
Total SSN044 SPOT										0.00	20,000,000	40,000,000
Total For SSN044										0.00	20,000,000	40,000,000
SSN044 On 14/02/2018 Spot Bond				100.00000	0.00000	100.96803				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	101.47887				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	99.78407				0.00	0	0
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	100.11253				0.00	200,000,000	200,000,000
Total SSN048 SPOT										0.00	200,000,000	200,000,000
Total For SSN048										0.00	200,000,000	200,000,000
SZ25 On 30/09/2025 Spot Bond			9.52000	99.20933	9.52000	99.18413				0.00	0	0
Total SZ25 SPOT										0.00	0	0
Total For SZ25										0.00	0	0
T12A10 On 21/02/2019 Spot Bond				100.00000	0.00000	100.85372				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	101.47140				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			9.15000	100.67001	9.15000	102.86651				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	101.10643				0.00	0	0

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 T13A10 SPOT										0.00	0	0
Total For T13A10										0.00	0	0
T13A11 On 21/08/2020 Spot Bond				100.00000	0.00000	100.88287				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			9.05000	104.17228	9.05000	107.29187				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	100.81569				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	101.10643				0.00	0	0
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	100.88100				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			9.15000	106.67932	9.15000	106.65295				0.00	0	0
Total T13A16 SPOT										0.00	0	0
Total For T13A16										0.00	0	0
T13A18 On 25/08/2018 Spot Bond				100.00000	0.00000	100.87264				0.00	0	0
Total T13A18 SPOT										0.00	0	0
Total For T13A18										0.00	0	0
T13A19 On 21/08/2020 Spot Bond				100.00000	0.00000	100.58339				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			9.10000	104.30400	9.10000	105.06153				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	100.86785				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	100.88659				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	100.88391	9.15000	100.43107				0.00	0	0

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 T14A12 SPOT										0.00	0	0
Total For T14A12										0.00	0	0
TFS117 On 02/09/2018 Spot Bond				100.00000	0.00000	100.56699				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	99.81701				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	99.77592				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	99.77075				0.00	0	0
Total TFS136 SPOT										0.00	0	0
Total For TFS136										0.00	0	0
TFS139 On 27/05/2019 Spot Bond				100.00000	0.00000	100.94944				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	101.41986				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	101.46789				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	100.91416				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	100.13831				0.00	0	0
Total TFS144 SPOT										0.00	0	0
Total For TFS144										0.00	0	0
TFS145 On 20/03/2022 Spot Bond				100.00000	0.00000	100.14236				0.00	0	0
Total TFS145 SPOT										0.00	0	0
Total For TFS145										0.00	0	0
TFS146 On 25/04/2018 Spot Bond				100.00000	0.00000	100.85539				0.00	0	0
Total TFS146 SPOT										0.00	0	0
Total For TFS146										0.00	0	0
TH10A On 18/10/2038 Spot Bond				100.00000	0.00000	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 TH10A1 SPOT										0.00	0	0
Total For TH10A1										0.00	0	0
TH10A1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.73455				0.00	0	0
Total TH10A2 SPOT										0.00	0	0
Total For TH10A2										0.00	0	0
TH10A2 On 18/07/2017 Spot Bond			7.83000	103.44897	7.83000	103.42689				0.00	0	0
Total TH10A3 SPOT										0.00	0	0
Total For TH10A3										0.00	0	0
TH10A3 On 18/07/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TH10A4 SPOT										0.00	0	0
Total For TH10A4										0.00	0	0
TH10A4 On 18/07/2017 Spot Bond				100.00000	0.00000	101.69863				0.00	0	0
Total TH10A5 SPOT										0.00	0	0
Total For TH10A5										0.00	0	0
TH10A5 On 18/07/2017 Spot Bond			7.39000	99.57662	7.39000	103.23517				0.00	0	0
Total TH10A6 SPOT										0.00	0	0
Total For TH10A6										0.00	0	0
TH10A6 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
TH10A7 On 18/07/2017 Spot Bond				100.00000	0.00000	101.68422				0.00	0	0
Total TH10A8 SPOT										0.00	0	0
Total For TH10A8										0.00	0	0
TH10A8 On 18/07/2017 Spot Bond			7.16000	99.58974	7.16000	103.13491				0.00	0	0
Total TH10A9 SPOT										0.00	0	0
Total For TH10A9										0.00	0	0
TH10A9 On 18/07/2017 Spot Bond				100.00000	0.00000	101.77635				0.00	0	0
Total TH10B1 SPOT										0.00	0	0
Total For TH10B1										0.00	0	0
TH10B1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.76883				0.00	0	0
Total TH10B2 SPOT										0.00	0	0
Total For TH10B2										0.00	0	0
TH10B2 On 18/07/2017 Spot Bond				100.00000	0.00000	101.94925				0.00	0	0
Total TH10C1 SPOT										0.00	0	0
Total For TH10C1										0.00	0	0
TH10C1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.92482				0.00	0	0

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 TH10C2 SPOT										0.00	0	0
Total For TH10C2										0.00	0	0
TH10D1 On 18/07/2017 Spot Bond				100.00000	0.00000	102.66242				0.00	0	0
Total TH10D1 SPOT										0.00	0	0
Total For TH10D1										0.00	0	0
TH10D2 On 18/07/2017 Spot Bond				100.00000	0.00000	102.57805				0.00	0	0
Total TH10D2 SPOT										0.00	0	0
Total For TH10D2										0.00	0	0
TH11A1 On 18/07/2018 Spot Bond				100.00000	0.00000	101.63532				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	101.69550				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	103.84895	8.73000	103.82444				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	101.47912				0.00	0	0
Total TH11A4 SPOT										0.00	0	0
Total For TH11A4										0.00	0	0
TH11A5 On 18/07/2018 Spot Bond				100.00000	0.00000	101.87499				0.00	0	0
Total TH11A5 SPOT										0.00	0	0
Total For TH11A5										0.00	0	0
TH11A6 On 18/07/2018 Spot Bond			8.93000	100.84385	8.93000	102.86851				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	101.45774				0.00	0	0
Total TH11A7 SPOT										0.00	0	0
Total For TH11A7										0.00	0	0
TH11A8 On 18/07/2018 Spot Bond				100.00000	0.00000	101.87499				0.00	0	0
Total TH11A8 SPOT										0.00	0	0
Total For TH11A8										0.00	0	0
TH11B1 On 18/07/2018 Spot Bond				100.00000	0.00000	102.03041				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	101.75942				0.00	0	0

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 TH11B2 SPOT										0.00	0	0
Total For TH11B2										0.00	0	0
TH11B2 On 18/07/2018 Spot Bond				100.00000	0.00000	101.75190				0.00	0	0
Total TH11B3 SPOT										0.00	0	0
Total For TH11B3										0.00	0	0
TH11B3 On 18/07/2018 Spot Bond				100.00000	0.00000	101.94547				0.00	0	0
Total TH11C1 SPOT										0.00	0	0
Total For TH11C1										0.00	0	0
TH11C1 On 18/07/2018 Spot Bond				100.00000	0.00000	101.93796				0.00	0	0
Total TH11C2 SPOT										0.00	0	0
Total For TH11C2										0.00	0	0
TH11C2 On 18/07/2018 Spot Bond				100.00000	0.00000	101.87219				0.00	0	0
Total TH11C3 SPOT										0.00	0	0
Total For TH11C3										0.00	0	0
TH11C3 On 18/07/2018 Spot Bond				100.00000	0.00000	102.53111				0.00	0	0
Total TH11D1 SPOT										0.00	0	0
Total For TH11D1										0.00	0	0
TH11D1 On 18/07/2041 Spot Bond				100.00000	0.00000	102.53861				0.00	0	0
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	102.50111				0.00	0	0
Total TH11D3 SPOT										0.00	0	0
Total For TH11D3										0.00	0	0
TH11D3 On 21/08/2019 Spot Bond				100.00000	0.00000	100.82474				0.00	0	0
Total TH12A1 SPOT										0.00	0	0
Total For TH12A1										0.00	0	0
TH12A1 On 21/08/2019 Spot Bond				100.00000	0.00000	100.86790				0.00	0	0
Total TH12A2 SPOT										0.00	0	0
Total For TH12A2										0.00	0	0
TH12A2 On 21/08/2019 Spot Bond			9.10000	102.25024	9.10000	103.27880				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A3 On 21/08/2019 Spot Bond				100.00000	0.00000	100.85372				0.00	0	0
Total TH12A4 SPOT										0.00	0	0
Total For TH12A4										0.00	0	0
TH12A4 On 21/08/2019 Spot Bond				100.00000	0.00000	100.88681				0.00	0	0

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 TH12A5 SPOT										0.00	0	0
Total For TH12A5										0.00	0	0
TH12A5 On 21/08/2019 Spot Bond			9.01000	102.05138	9.01000	102.02655				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A6 On 21/08/2019 Spot Bond				100.00000	0.00000	100.84899				0.00	0	0
Total TH12A7 SPOT										0.00	0	0
Total For TH12A7										0.00	0	0
TH12A7 On 21/08/2019 Spot Bond				100.00000	0.00000	100.88681				0.00	0	0
Total TH12A8 SPOT										0.00	0	0
Total For TH12A8										0.00	0	0
TH12A8 On 21/08/2019 Spot Bond			9.12000	101.32187	9.12000	101.29690				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12A9 On 21/08/2019 Spot Bond				100.00000	0.00000	100.92934				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B1 On 21/08/2019 Spot Bond				100.00000	0.00000	100.92934				0.00	0	0
Total TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B2 On 21/08/2019 Spot Bond				100.00000	0.00000	100.92934				0.00	0	0
Total TH12B3 SPOT										0.00	0	0
Total For TH12B3										0.00	0	0
TH12B3 On 21/08/2019 Spot Bond				100.00000	0.00000	100.92934				0.00	0	0
Total TH12B4 SPOT										0.00	0	0
Total For TH12B4										0.00	0	0
TH12B4 On 21/08/2019 Spot Bond				100.00000	0.00000	101.00488				0.00	0	0
Total TH12C1 SPOT										0.00	0	0
Total For TH12C1										0.00	0	0
TH12C1 On 21/08/2019 Spot Bond				100.00000	0.00000	101.00488				0.00	0	0
Total TH12C2 SPOT										0.00	0	0
Total For TH12C2										0.00	0	0
TH12C2 On 21/08/2019 Spot Bond				100.00000	0.00000	101.00488				0.00	0	0
Total TH12C3 SPOT										0.00	0	0
Total For TH12C3										0.00	0	0
TH12C3 On 21/08/2019 Spot Bond				100.00000	0.00000	101.00393				0.00	0	0

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 TH12C4 SPOT										0.00	0	0
Total For TH12C4										0.00	0	0
TH12D On 21/08/2019 Spot Bond				100.00000	0.00000	101.31081				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	101.31081				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	101.42165				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	101.30517				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	100.83196				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	100.85278				0.00	0	0
Total TH13A2 SPOT										0.00	0	0
Total For TH13A2										0.00	0	0
TH13A On 21/08/2020 Spot Bond				100.00000	0.00000	101.29711				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0
TH13A On 21/08/2020 Spot Bond			9.25000	103.40931	9.25000	103.38347				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A On 21/08/2018 Spot Bond				100.00000	0.00000	100.83291				0.00	0	0
Total TH13A5 SPOT										0.00	0	0
Total For TH13A5										0.00	0	0
TH13A On 21/08/2018 Spot Bond				100.00000	0.00000	100.96256				0.00	0	0
Total TH13A6 SPOT										0.00	0	0
Total For TH13A6										0.00	0	0
TH13A On 21/08/2020 Spot Bond				100.00000	0.00000	100.26651				0.00	0	0
Total TH13A7 SPOT										0.00	0	0
Total For TH13A7										0.00	0	0
TH13A On 21/08/2020 Spot Bond			9.14000	103.53049	9.14000	104.61936				0.00	0	0

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 TH13A8 SPOT										0.00	0	0
Total For TH13A8										0.00	0	0
TH13A8 On 21/08/2018 Spot Bond				100.00000	0.00000	100.81569				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	100.92924				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	100.93019				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	100.93223				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	100.91361				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	100.92641				0.00	0	0
Total TH13B5 SPOT										0.00	0	0
Total For TH13B5										0.00	0	0
TH13B5 On 21/08/2020 Spot Bond				100.00000	0.00000	100.99530				0.00	0	0
Total TH13C1 SPOT										0.00	0	0
Total For TH13C1										0.00	0	0
TH13C1 On 21/08/2020 Spot Bond				100.00000	0.00000	101.00285				0.00	0	0
Total TH13C2 SPOT										0.00	0	0
Total For TH13C2										0.00	0	0
TH13C2 On 21/08/2020 Spot Bond				100.00000	0.00000	100.97872				0.00	0	0
Total TH13C3 SPOT										0.00	0	0
Total For TH13C3										0.00	0	0
TH13C3 On 21/08/2020 Spot Bond				100.00000	0.00000	100.99730				0.00	0	0
Total TH13C4 SPOT										0.00	0	0
Total For TH13C4										0.00	0	0
TH13C4 On 21/08/2020 Spot Bond				100.00000	0.00000	101.04716				0.00	0	0
Total TH13C5 SPOT										0.00	0	0
Total For TH13C5										0.00	0	0
TH13C5 On 21/08/2020 Spot Bond				100.00000	0.00000	101.30579				0.00	0	0

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 TH13D1 SPOT										0.00	0	0
Total For TH13D1										0.00	0	0
TH13D1 On 21/08/2020 Spot Bond				100.00000	0.00000	101.30579				0.00	0	0
Total TH13D2 SPOT										0.00	0	0
Total For TH13D2										0.00	0	0
TH13D2 On 21/08/2020 Spot Bond				100.00000	0.00000	101.30222				0.00	0	0
Total TH13D3 SPOT										0.00	0	0
Total For TH13D3										0.00	0	0
TH13D3 On 21/08/2020 Spot Bond				100.00000	0.00000	101.28843				0.00	0	0
Total TH13D4 SPOT										0.00	0	0
Total For TH13D4										0.00	0	0
TH13D4 On 21/08/2020 Spot Bond				100.00000	0.00000	101.32456				0.00	0	0
Total TH13D5 SPOT										0.00	0	0
Total For TH13D5										0.00	0	0
TH14A1 On 21/11/2017 Spot Bond				100.00000	0.00000	100.73839				0.00	0	0
Total TH14A1 SPOT										0.00	0	0
Total For TH14A1										0.00	0	0
TH14A2 On 21/11/2019 Spot Bond				100.00000	0.00000	100.52917				0.00	0	0
Total TH14A2 SPOT										0.00	0	0
Total For TH14A2										0.00	0	0
TH14A3 On 21/11/2021 Spot Bond			9.14500	104.38659	9.14500	104.36124				0.00	0	0
Total TH14A3 SPOT										0.00	0	0
Total For TH14A3										0.00	0	0
TH14A4 On 21/02/2018 Spot Bond				100.00000	0.00000	100.79216				0.00	0	0
Total TH14A4 SPOT										0.00	0	0
Total For TH14A4										0.00	0	0
TH14A5 On 21/11/2019 Spot Bond				100.00000	0.00000	100.86785				0.00	0	0
Total TH14A5 SPOT										0.00	0	0
Total For TH14A5										0.00	0	0
TH14A6 On 21/11/2021 Spot Bond				100.00000	0.00000	100.89225				0.00	0	0
Total TH14A6 SPOT										0.00	0	0
Total For TH14A6										0.00	0	0
TH14A7 On 21/11/2021 Spot Bond			9.09500	101.50996	9.09500	101.80676				0.00	0	0

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 TH14A8 SPOT										0.00	0	0
Total For TH14A8										0.00	0	0
TH14A8 On 21/05/2018 Spot Bond				100.00000	0.00000	100.80360				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	100.95735				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	100.92905				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	100.91773				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	101.00448				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	100.98563				0.00	0	0
Total TH14C2 SPOT										0.00	0	0
Total For TH14C2										0.00	0	0
TH14C2 On 21/11/2021 Spot Bond				100.00000	0.00000	100.97432				0.00	0	0
Total TH14C3 SPOT										0.00	0	0
Total For TH14C3										0.00	0	0
TH14C3 On 21/11/2021 Spot Bond				100.00000	0.00000	101.28647				0.00	0	0
Total TH14D1 SPOT										0.00	0	0
Total For TH14D1										0.00	0	0
TH14D1 On 21/11/2021 Spot Bond				100.00000	0.00000	101.26677				0.00	0	0
Total TH14D2 SPOT										0.00	0	0
Total For TH14D2										0.00	0	0
TH14D2 On 21/11/2021 Spot Bond				100.00000	0.00000	101.23956				0.00	0	0
Total TH14D3 SPOT										0.00	0	0
Total For TH14D3										0.00	0	0
TH9A11 On 18/07/2017 Spot Bond				100.00000	0.00000	101.63809				0.00	0	0
Total TH9A11 SPOT										0.00	0	0
Total For TH9A11										0.00	0	0
TH9A11 On 18/07/2017 Spot Bond				100.00000	0.00000	102.08853				0.00	0	0

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 TH9A12 SPOT									0.00	0	0
Total For TH9A12									0.00	0	0
THE8A On 18/04/2036 Spot Bond			101.06155	6.86139	101.06155	6.84443			0.00	0	0
Total THE8A1 SPOT									0.00	0	0
Total For THE8A1									0.00	0	0
THE8A On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8A2 SPOT									0.00	0	0
Total For THE8A2									0.00	0	0
THE8A On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8A3 SPOT									0.00	0	0
Total For THE8A3									0.00	0	0
THE8B On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8B1 SPOT									0.00	0	0
Total For THE8B1									0.00	0	0
THE8C On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8C1 SPOT									0.00	0	0
Total For THE8C1									0.00	0	0
THE8D On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE8D1 SPOT									0.00	0	0
Total For THE8D1									0.00	0	0
THE9A On 18/07/2039 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE9A6 SPOT									0.00	0	0
Total For THE9A6									0.00	0	0
THE9A On 18/07/2039 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE9A7 SPOT									0.00	0	0
Total For THE9A7									0.00	0	0
THE9B On 18/07/2039 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE9B2 SPOT									0.00	0	0
Total For THE9B2									0.00	0	0
THE9B On 18/07/2019 Spot Bond				100.00000	0.00000	101.82708			0.00	0	0
Total THE9B4 SPOT									0.00	0	0
Total For THE9B4									0.00	0	0
THE9C On 18/07/2039 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE9C2 SPOT									0.00	0	0
Total For THE9C2									0.00	0	0
THE9C On 18/07/2019 Spot Bond				100.00000	0.00000	103.44548			0.00	0	0

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 THE9C4 SPOT									0.00	0	0
Total For THE9C4									0.00	0	0
THE9D:On 18/07/2039 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total THE9D2 SPOT									0.00	0	0
Total For THE9D2									0.00	0	0
THE9D:On 18/07/2019 Spot Bond				100.00000	0.00000	102.59670			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			9.17000	94.80628	9.17000	94.74544			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	22.50561	100.00000	22.46292			0.00	0	0
TL20/R:On 25/11/2020 Spot Bond			10.00000	109.09900	10.00000	109.07100			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	11.83400	100.00000	11.79705			0.00	0	0
Total TL21U SPOT									0.00	0	0
Total For TL21U									0.00	0	0
TLC01 On 22/09/2017 Spot Bond			100.00000	0.00000	102.18643				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	100.08579				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			8.16000	101.44976	8.16000	101.42778			0.00	0	0
Total TN17 SPOT									0.00	0	0
Total For TN17									0.00	0	0
TN17/R:On 14/11/2017 Spot Bond			100.00000	75.62005	100.00000	75.47061			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			8.88500	107.32350	8.88500	107.29815		643,274,000,000.00	72,400,000	47,137,800,000	
Total TN20 SPOT								643,274,000,000.00	72,400,000	47,137,800,000	
Total For TN20								643,274,000,000.00	72,400,000	47,137,800,000	
TN20/R:On 17/09/2020 Spot Bond			100.00000	19.70478	100.00000	19.66141		0.00	0	0	
Total TN20/R208 SPOT								0.00	0	0	
Total For TN20/R208								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TN20U On 14/04/2020 Spot Bond			100.00000	10.29902	100.00000	10.27379			0.00	0	0
Total TN20U SPOT									0.00	0	0
Total For TN20U									0.00	0	0
TN23 On 06/11/2023 Spot Bond			9.52000	107.50325	9.52000	107.47608		1,386,112,000,000.00		145,600,000	4,317,800,000
Total TN23 SPOT								1,386,112,000,000.00		145,600,000	4,317,800,000
Total For TN23								1,386,112,000,000.00		145,600,000	4,317,800,000
TN23/R On 06/11/2023 Spot Bond			100.00000	12.62522	100.00000	12.59743			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			10.39000	98.52149	10.39000	98.49392			0.00	0	15,480,000,000
Total TN25 SPOT									0.00	0	15,480,000,000
Total For TN25									0.00	0	15,480,000,000
TN25/R On 19/08/2025 Spot Bond			100.00000	12.77707	100.00000	12.74848			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			10.47000	91.24696	10.47000	91.22166			0.00	0	1,170,000,000
Total TN27 SPOT									0.00	0	1,170,000,000
Total For TN27									0.00	0	1,170,000,000
TN27/R On 14/11/2027 Spot Bond			100.00000	9.82628	100.00000	9.80465			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			11.25000	97.12217	11.25000	97.09314			0.00	0	9,300,000,000
Total TN30 SPOT									0.00	0	9,300,000,000
Total For TN30									0.00	0	9,300,000,000
TN30/R On 09/10/2030 Spot Bond			8.00000	122.46807	8.00000	122.44184			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			11.81500	93.89107	11.81500	93.86163			0.00	0	2,900,000,000
Total TN40 SPOT									0.00	0	2,900,000,000
Total For TN40									0.00	0	2,900,000,000
TN40/R On 09/10/2040 Spot Bond			10.75000	102.28588	10.75000	102.25662			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	100.89834			0.00	0	0
Total TNF18 SPOT									0.00	0	0
Total For TNF18									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TORQ1 On 15/08/2018 Spot Bond				100.00000	0.00000	101.20344			0.00	0	0
Total TORQ10 SPOT									0.00	0	0
Total For TORQ10									0.00	0	0
TORQ2 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ2 SPOT									0.00	0	0
Total For TORQ2									0.00	0	0
TORQ3 On 15/08/2017 Spot Bond				100.00000	0.00000	101.02850			0.00	0	0
Total TORQ3 SPOT									0.00	0	0
Total For TORQ3									0.00	0	0
TORQ4 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ4 SPOT									0.00	0	0
Total For TORQ4									0.00	0	0
TORQ5 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ5 SPOT									0.00	0	0
Total For TORQ5									0.00	0	0
TORQ6 On 15/08/2017 Spot Bond				100.00000	0.00000	101.37341			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	101.04451			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	101.06724			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	101.10131			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	109.09900	10.00000	109.07100			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	101.96417			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	101.67889			0.00	0	0
Total TPDA05 SPOT									0.00	0	0
Total For TPDA05									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TPDA0 On 30/11/2018 Spot Bond				100.00000	0.00000	100.93857				0.00	0	0
Total TPDA06 SPOT										0.00	0	0
Total For TPDA06										0.00	0	0
TPDA0 On 30/11/2020 Spot Bond			9.10500	101.86404	9.10500	101.83940				0.00	0	0
Total TPDA08 SPOT										0.00	0	0
Total For TPDA08										0.00	0	0
TR30 On 31/12/2099 Spot Bond			10.00000	99.91705	10.00000	99.88941				0.00	0	0
Total TR30 SPOT										0.00	0	0
Total For TR30										0.00	0	0
TR31 On 31/12/2099 Spot Bond			9.75000	99.91911	9.75000	99.89216				0.00	0	0
Total TR31 SPOT										0.00	0	0
Total For TR31										0.00	0	0
TR32 On 31/12/2099 Spot Bond			100.00000	9.92028	100.00000	9.89384				0.00	0	0
Total TR32 SPOT										0.00	0	0
Total For TR32										0.00	0	0
TRA2A On 14/12/2018 Spot Bond				100.00000	0.00000	100.28930				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	100.30242				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			9.40000	101.11911	9.40000	101.09374				0.00	0	0
Total TRA2A3 SPOT										0.00	0	0
Total For TRA2A3										0.00	0	0
TRA2A On 14/12/2018 Spot Bond				100.00000	0.00000	100.28962				0.00	0	0
Total TRA2A4 SPOT										0.00	0	0
Total For TRA2A4										0.00	0	0
TRA2A On 14/12/2020 Spot Bond				100.00000	0.00000	100.30242				0.00	0	0
Total TRA2A5 SPOT										0.00	0	0
Total For TRA2A5										0.00	0	0
TRA2A On 14/12/2020 Spot Bond			9.20000	101.68930	9.20000	101.73804				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	100.32330				0.00	0	0
Total TRA2B1 SPOT										0.00	0	0
Total For TRA2B1										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TRA2B: On 14/12/2020 Spot Bond				100.00000	0.00000	100.33132			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	100.36496			0.00	0	0
Total TRA2C1 SPOT									0.00	0	0
Total For TRA2C1									0.00	0	0
TRA2C: On 14/12/2020 Spot Bond				100.00000	0.00000	100.37775			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	100.46062			0.00	0	0
Total TRA2D1 SPOT									0.00	0	0
Total For TRA2D1									0.00	0	0
TRA2D: On 14/12/2020 Spot Bond				100.00000	0.00000	100.46062			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	100.31560			0.00	0	0
Total TRAA2 SPOT									0.00	0	0
Total For TRAA2									0.00	0	0
TRAA4: On 14/06/2019 Spot Bond			100.00000	28.25620	100.00000	28.18774			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	100.30578			0.00	0	0
Total TRAB1 SPOT									0.00	0	0
Total For TRAB1									0.00	0	0
TRAB2: On 14/06/2019 Spot Bond			100.00000	28.50088	100.00000	28.43184			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	100.30739			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	28.70478	100.00000	28.63525			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	99.97558			0.00	0	0
Total TRAD1 SPOT									0.00	0	0
Total For TRAD1									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TRAD2 On 14/06/2019 Spot Bond			100.00000	31.19236	100.00000	31.11680			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	103.04318			0.00	0	0
Total TRAE1 SPOT									0.00	0	0
Total For TRAE1									0.00	0	0
TRAE2 On 14/06/2019 Spot Bond			100.00000	33.92462	100.00000	33.84244			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	24.77499	100.00000	24.71498			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	6.32798	100.00000	6.31265			0.00	0	0
Total TSE03U SPOT									0.00	0	0
Total For TSE03U									0.00	0	0
TSP213 On 22/06/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TSP213 SPOT									0.00	0	0
Total For TSP213									0.00	0	0
TSP215 On 06/07/2017 Spot Bond				100.00000	0.00000	99.77708			0.00	0	0
Total TSP215 SPOT									0.00	0	0
Total For TSP215									0.00	0	0
TSP217 On 20/07/2017 Spot Bond				100.00000	0.00000	105.36571			0.00	0	0
Total TSP217 SPOT									0.00	0	0
Total For TSP217									0.00	0	0
TSP218 On 03/08/2017 Spot Bond				100.00000	0.00000	99.15651			0.00	0	0
Total TSP218 SPOT									0.00	0	0
Total For TSP218									0.00	0	0
TSP219 On 17/08/2017 Spot Bond				100.00000	0.00000	98.85252			0.00	0	0
Total TSP219 SPOT									0.00	0	0
Total For TSP219									0.00	0	0
TSP220 On 26/10/2017 Spot Bond				100.00000	0.00000	97.38835			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	93.45466			0.00	0	0
Total TSP221 SPOT									0.00	0	0
Total For TSP221									0.00	0	0

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 10/05/2018 Spot Bond				100.00000	0.00000	93.14361				0.00	0	0
Total TSP222 SPOT										0.00	0	0
Total For TSP222										0.00	0	0
TSP223 On 23/11/2017 Spot Bond				100.00000	0.00000	96.79173				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	92.86106				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	96.49561				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	92.62347				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	50.57297	100.00000	50.47702				0.00	0	8,000,000,000
Total TSP227 SPOT										0.00	0	8,000,000,000
Total For TSP227										0.00	0	8,000,000,000
TTO01U On 28/08/2019 Spot Bond			100.00000	24.84017	100.00000	24.78000				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	101.78168				0.00	0	0
Total TUHF01 SPOT										0.00	0	0
Total For TUHF01										0.00	0	0
TWC22 On 07/07/2017 Spot Bond				100.00000	0.00000	101.72230				0.00	0	0
Total TWC229 SPOT										0.00	0	0
Total For TWC229										0.00	0	0
TWC23 On 12/07/2017 Spot Bond				100.00000	0.00000	101.61055				0.00	0	0
Total TWC230 SPOT										0.00	0	0
Total For TWC230										0.00	0	0
TWC23 On 12/07/2017 Spot Bond				100.00000	0.00000	101.59313				0.00	0	0
Total TWC231 SPOT										0.00	0	0
Total For TWC231										0.00	0	0
TWC23 On 14/07/2017 Spot Bond				100.00000	0.00000	101.46247				0.00	0	0
Total TWC232 SPOT										0.00	0	0
Total For TWC232										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TWC23 On 24/07/2017 Spot Bond				100.00000	0.00000	101.41801				0.00	0	0
Total TWC233 SPOT										0.00	0	0
Total For TWC233										0.00	0	0
TWC23 On 26/07/2017 Spot Bond				101.75194	0.00000	101.35355				0.00	0	0
Total TWC234 SPOT										0.00	0	0
Total For TWC234										0.00	0	0
TWC23 On 11/08/2017 Spot Bond				100.00000	0.00000	101.03128				0.00	0	0
Total TWC235 SPOT										0.00	0	0
Total For TWC235										0.00	0	0
TWC23 On 17/08/2017 Spot Bond				100.00000	0.00000	100.90122				0.00	0	0
Total TWC236 SPOT										0.00	0	0
Total For TWC236										0.00	0	0
TWC23 On 18/08/2017 Spot Bond				100.00000	0.00000	100.85940				0.00	0	0
Total TWC237 SPOT										0.00	0	0
Total For TWC237										0.00	0	0
TWC23 On 31/08/2017 Spot Bond				100.00000	0.00000	100.51505				0.00	0	0
Total TWC238 SPOT										0.00	0	0
Total For TWC238										0.00	0	0
TWC24 On 28/08/2017 Spot Bond				100.00000	0.00000	100.59935				0.00	0	0
Total TWC241 SPOT										0.00	0	0
Total For TWC241										0.00	0	0
UG21 On 02/03/2021 Spot Bond			9.20500	107.95492	9.20500	107.92853				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			10.54000	107.66241	10.54000	107.63237				0.00	0	0
Total UG26 SPOT										0.00	0	0
Total For UG26										0.00	0	0
VJA01L On 20/01/2023 Spot Bond			100.00000	9.23234	100.00000	9.20973				0.00	0	0
Total VJA01U SPOT										0.00	0	0
Total For VJA01U										0.00	0	0
VJA02L On 20/04/2023 Spot Bond			100.00000	9.13498	100.00000	9.11261				0.00	0	0
Total VJA02U SPOT										0.00	0	0
Total For VJA02U										0.00	0	0
VJA03L On 20/10/2023 Spot Bond			100.00000	9.31919	100.00000	9.29637				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	9.58714	100.00000	9.56366				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	10.31550	100.00000	10.29025				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	10.29414	100.00000	10.26892				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	10.43704	100.00000	10.41147				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	0.11701	100.00000	0.11672				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	9.31617	100.00000	9.28142				0.00	0	0
Total VJA09U SPOT										0.00	0	0
Total For VJA09U										0.00	0	0
VJB01L On 20/01/2023 Spot Bond			100.00000	9.03268	100.00000	9.01056				0.00	0	0
Total VJB01U SPOT										0.00	0	0
Total For VJB01U										0.00	0	0
VJB02L On 20/04/2023 Spot Bond			100.00000	9.03738	100.00000	9.01524				0.00	0	0
Total VJB02U SPOT										0.00	0	0
Total For VJB02U										0.00	0	0
VJB03L On 20/10/2023 Spot Bond			100.00000	9.09250	100.00000	9.07023				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	9.34081	100.00000	9.31793				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	10.05739	100.00000	10.03277				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	8.12348	100.00000	8.10359				0.00	0	0
Total VJB06U SPOT										0.00	0	0
Total For VJB06U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
VJB07L On 20/10/2024 Spot Bond			100.00000	10.23853	100.00000	10.21345			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	0.11701	100.00000	0.11672			0.00	0	0
Total VJB08U SPOT									0.00	0	0
Total For VJB08U									0.00	0	0
VJB09L On 20/04/2025 Spot Bond			100.00000	9.13765	100.00000	9.10357			0.00	0	0
Total VJB09U SPOT									0.00	0	0
Total For VJB09U									0.00	0	0
VKC19 On 06/09/2017 Spot Bond				100.00000	0.00000	102.55452			0.00	0	0
Total VKC19 SPOT									0.00	0	0
Total For VKC19									0.00	0	0
VKC20 On 29/09/2017 Spot Bond				100.00000	0.00000	99.93367			0.00	0	0
Total VKC20 SPOT									0.00	0	0
Total For VKC20									0.00	0	0
VKE01L On 01/04/2018 Spot Bond			100.00000	66.54199	100.00000	66.37903			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	100.24362			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	101.19229			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	100.44865			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	99.92928			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	101.21823			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	101.23966			0.00	132,000,000	66,000,000
Total VKE10 SPOT									0.00	132,000,000	66,000,000
Total For VKE10									0.00	132,000,000	66,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
VPA01L On 20/01/2023 Spot Bond			100.00000	8.70383	100.00000	8.68251			0.00	0	0
Total VPA01U SPOT									0.00	0	0
Total For VPA01U									0.00	0	0
VPA02L On 20/04/2023 Spot Bond			100.00000	8.77206	100.00000	8.75057			0.00	0	0
Total VPA02U SPOT									0.00	0	0
Total For VPA02U									0.00	0	0
VPA03L On 20/10/2023 Spot Bond			100.00000	10.54161	100.00000	10.51579			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	5.48798	100.00000	5.47454			0.00	0	0
Total VPA04U SPOT									0.00	0	0
Total For VPA04U									0.00	0	0
VPA05L On 20/04/2024 Spot Bond			100.00000	10.11044	100.00000	10.08567			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	10.11403	100.00000	10.08926			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	10.11665	100.00000	10.09188			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	0.11701	100.00000	0.11672			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	9.05277	100.00000	9.01902			0.00	0	0
Total VPA09U SPOT									0.00	0	0
Total For VPA09U									0.00	0	0
VPB01L On 20/01/2023 Spot Bond			100.00000	8.50417	100.00000	8.48333			0.00	0	0
Total VPB01U SPOT									0.00	0	0
Total For VPB01U									0.00	0	0
VPB02L On 20/04/2023 Spot Bond			100.00000	8.67447	100.00000	8.65322			0.00	0	0
Total VPB02U SPOT									0.00	0	0
Total For VPB02U									0.00	0	0
VPB03L On 20/10/2023 Spot Bond			100.00000	10.76853	100.00000	10.74217			0.00	0	0
Total VPB03U SPOT									0.00	0	0
Total For VPB03U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
VPB04L On 20/01/2024 Spot Bond			100.00000	5.24166	100.00000	5.22882				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	9.79339	100.00000	9.76940				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	9.87344	100.00000	9.84925				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	9.87284	100.00000	9.84867				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	0.11701	100.00000	0.11672				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	8.83437	100.00000	8.80142				0.00	0	0
Total VPB09U SPOT										0.00	0	0
Total For VPB09U										0.00	0	0
WRS1L On 25/11/2029 Spot Bond			100.00000	0.00193	100.00000	0.00193				0.00	0	0
Total WRS1U SPOT										0.00	0	0
Total For WRS1U										0.00	0	0
WRS2L On 25/11/2019 Spot Bond			100.00000	22.88592	100.00000	22.83047				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			3.02500	253.90509	3.02500	253.83437				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			7.99000	102.48579	7.99000	102.46397				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			8.14000	102.91623	8.14000	102.89392				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			8.35500	102.83942	8.35500	102.81655				0.00	0	0
Total WSP5 SPOT										0.00	0	0
Total For WSP5										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
WSP5/I On 28/05/2021 Spot Bond			100.00000	13.40843	100.00000	13.37891			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			7.37500	84.91312	7.37500	84.89641			0.00	0	0
Total Z083 SPOT									0.00	0	0
Total For Z083									0.00	0	0
Total for SPOT									76,632,655,692,770,500.00	728,363,892,500	215,649,348,259
Total for SPOT :									76,632,655,692,770,500.00	728,363,892,500	215,649,348,259
Total Futures									76 632 656 472 082 000.00	728,363,899,752	215,650,213,660
Total Options									0.00	0	44,365
Grand Total:									76,632,656,472,082,000.00	728,363,899,752	215,650,258,025