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INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 09/06/2017

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			10.62210	79.11881	10.68936	78.70069			0.00	0	9,466
ES33 On 02/11/2017 Bond Future			10.70986	76.83979	10.77933	76.41417			0.00	0	0
ES33 On 01/02/2018 Bond Future			10.79954	78.33509	10.87148	77.90083			0.00	0	0
Total ES33 Future									0.00	0	9,466
ES33 On 03/08/2017 Bond Future	10.54	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 03/08/2017 Bond Future	10.54	Put			933.18000	0.93318	515,060		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			870.17000	0.87017	452,050		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			996.27000	0.99627	578,150		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 02/11/2017 Bond Future	10.66	Put			733.31000	0.73331	307,690		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			671.45000	0.67145	245,830		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			609.67000	0.60967	184,050		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.00	Call			766.57000	0.76657	1,200,830		0.00	0	0

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			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Call			825.72000	0.82572	1,259,980		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Call			707.34000	0.70734	1,141,600		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Put			0.00000	0.00000	0,000		0.00	0	0
Total ES33 Option									0.00	0	0
Total For ES33									0.00	0	9,466
ES42 On 03/08/2017 Bond Future			10.82718	82.50439	10.90974	81.92270			0.00	0	7,957
ES42 On 02/11/2017 Bond Future			10.91411	79.82025	10.99942	79.22796			0.00	0	0
ES42 On 01/02/2018 Bond Future			10.99999	81.37353	11.08823	80.76938			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			128.10282	128.10282	128.18603	128.18603			0.00	0	2,414
I2025 On 02/11/2017 Bond Future			130.58402	130.58402	130.66962	130.66962			0.00	0	0
I2025 On 01/02/2018 Bond Future			131.83037	131.83037	131.91846	131.91846			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			5,783.97000	5.78397	5,867,180		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			5,793.97000	5.79397	5,877,180		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			5,773.97000	5.77397	5,857,180		0.00	0	0
I2025 On 02/11/2017 Bond Future	132.98	Put			2,310.38000	2.31038	2,395,980		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			2,290.38000	2.29038	2,375,980		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			2,300.38000	2.30038	2,385,980		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			1,971.54000	1.97154	2,059,630		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			1,981.54000	1.98154	2,069,630		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			1,961.54000	1.96154	2,049,630		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			103.38459	103.38459	103.70749	103.70749			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			105.41402	105.41402	105.40846	105.40846			0.00	0	6,534
I2033	On	02/11/2017	Bond Future			106.37915	106.37915	106.37414	106.37414			0.00	0	0
I2033	On	01/02/2018	Bond Future			108.49594	108.49594	108.49148	108.49148			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			7,721.54000	7.72154	7,715,980		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			7,731.54000	7.73154	7,725,980		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			7,711.54000	7.71154	7,705,980		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.08	Put			3,705.86000	3.70586	3,700,850		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			3,715.86000	3.71586	3,710,850		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			3,695.86000	3.69586	3,690,850		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			1,168.52000	1.16852	1,164,060		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			1,148.52000	1.14852	1,144,060		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			1,158.52000	1.15852	1,154,060		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			130.30654	130.30654	129.87231	129.87231			0.00	0	22,539
I2038	On	02/11/2017	Bond Future			132.83043	132.83043	132.38853	132.38853			0.00	0	0
I2038	On	01/02/2018	Bond Future			133.95233	133.95233	133.50271	133.50271			0.00	0	0
Total I2038 Future												0.00	0	22,539
I2038	On	03/08/2017	Bond Future	141.18	Put			11,307.69000	11.30769	10,873,460		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	03/08/2017	Bond Future	141.16	Put			11,287.69000	11.28769	10,853,460		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			11,297.69000	11.29769	10,863,460		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	02/11/2017	Bond Future	136.80	Put			4,411.47000	4.41147	3,969,570		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			4,421.47000	4.42147	3,979,570		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			4,431.47000	4.43147	3,989,570		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.80	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
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			3,427.29000	3.42729	2,977,670		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.94	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	01/02/2018	Bond Future	136.94	Put			3,437.29000	3.43729	2,987,670		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			3,447.29000	3.44729	2,997,670		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			127.92091	127.92091	127.91416	127.91416			0.00	0	23,790
I2046	On	02/11/2017	Bond Future			128.81535	128.81535	128.80935	128.80935			0.00	0	0
I2046	On	01/02/2018	Bond Future			131.37848	131.37848	131.37321	131.37321			0.00	0	0
Total I2046 Future												0.00	0	23,790
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			13,255.84000	13.25584	13,249,090		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			13,265.84000	13.26584	13,259,090		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			13,275.84000	13.27584	13,269,090		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			7,500.65000	7.50065	7,494,650		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			7,510.65000	7.51065	7,504,650		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			7,490.65000	7.49065	7,484,650		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			1,536.79000	1.53679	1,531,520		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			1,546.79000	1.54679	1,541,520		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			1,526.79000	1.52679	1,521,520		0.00	0	0
Total I2046 Option												0.00	0	0
Total For I2046												0.00	0	23,790
I2050	On	03/08/2017	Bond Future			135.62684	135.62684	135.61977	135.61977			0.00	0	26,059
I2050	On	02/11/2017	Bond Future			138.25364	138.25364	138.24745	138.24745			0.00	0	0
I2050	On	01/02/2018	Bond Future			139.31274	139.31274	139.30711	139.30711			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			13,610.23000	13.61023	13,603,160		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			13,620.23000	13.62023	13,613,160		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
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			13,600.23000	13.60023	13,593,160		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			6,412.55000	6.41255	6,406,360		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			6,422.55000	6.42255	6,416,360		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			6,402.55000	6.40255	6,396,360		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			932.89000	0.93289	927,260		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			942.89000	0.94289	937,260		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			922.89000	0.92289	917,260		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			8.49488	114.13358	8.53620	113.84870		7.03	1,366,977,887.66	11,977	128,836
R186	On	02/11/2017	Bond Future			8.52491	116.31588	8.56786	116.02619		7.27	0.00	0	4
R186	On	01/02/2018	Bond Future			8.55196	113.27660	8.59680	112.98086		7.32	0.00	0	0
Total R186 Future												1,366,977,887.66	11,977	128,840
R186	On	03/08/2017	Bond Future	8.85	Call			2,615.71000	2.61571	2,825,250	7.24	0.00	0	0
R186	On	03/08/2017	Bond Future	8.85	Put			483.21000	0.48321	407,870	7.24	0.00	0	750
R186	On	03/08/2017	Bond Future	8.91	Call			2,926.69000	2.92669	3,147,290	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	8.91	Put			392.60000	0.39260	328,320	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	9.00	Put			283.25000	0.28325	233,490	7.33	0.00	0	0
R186	On	03/08/2017	Bond Future	8.90	Call			2,873.95000	2.87395	3,092,780	7.27	0.00	0	0
R186	On	03/08/2017	Bond Future	8.90	Put			406.65000	0.40665	340,600	7.27	0.00	0	0
R186	On	03/08/2017	Bond Future	8.92	Call			2,979.78000	2.97978	3,202,110	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	8.92	Put			378.95000	0.37895	316,400	7.28	0.00	0	0
R186	On	03/08/2017	Bond Future	8.93	Call			3,033.22000	3.03322	3,257,250	7.29	0.00	0	0
R186	On	03/08/2017	Bond Future	8.93	Put			365.70000	0.36570	304,850	7.29	0.00	0	0
R186	On	03/08/2017	Bond Future	9.00	Call			3,416.07000	3.41607	3,651,190	7.33	0.00	0	0
R186	On	03/08/2017	Bond Future	9.50	Call			6,414.63000	6.41463	6,691,280	7.63	0.00	0	0
R186	On	03/08/2017	Bond Future	9.50	Put			33.80000	0.03380	25,570	7.63	0.00	0	6,500
R186	On	03/08/2017	Bond Future	9.35	Call			5,487.62000	5.48762	5,757,450	7.54	0.00	0	0
R186	On	03/08/2017	Bond Future	9.35	Put			67.45000	0.06745	52,400	7.54	0.00	0	750
R186	On	03/08/2017	Bond Future	8.75	Call			2,129.68000	2.12968	2,318,550	7.18	0.00	0	0
R186	On	03/08/2017	Bond Future	8.75	Put			670.85000	0.67085	574,840	7.18	0.00	0	3,654
R186	On	02/11/2017	Bond Future	8.90	Call			3,459.11000	3.45911	3,647,950	7.49	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Put			1,252.05000	1.25205	1,151,200	7.49	0.00	0	0

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	02/11/2017	Bond Future	8.88	Call			3,371.67000	3.37167	3,557,970	7.48	0.00	0	0
R186	On	02/11/2017	Bond Future	8.88	Put			1,295.86000	1.29586	1,192,470	7.48	0.00	0	0
R186	On	02/11/2017	Bond Future	8.89	Call			3,415.13000	3.41513	3,602,710	7.49	0.00	0	0
R186	On	02/11/2017	Bond Future	8.89	Put			1,273.67000	1.27367	1,171,560	7.49	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Call			4,074.34000	4.07434	4,262,380	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Put			1,716.54000	1.71654	1,608,840	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.97	Call			4,116.34000	4.11634	4,305,390	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.97	Put			1,694.56000	1.69456	1,587,870	7.60	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Call			4,158.53000	4.15853	4,348,580	7.61	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Put			1,672.81000	1.67281	1,567,120	7.61	0.00	0	0
Total R186 Option												0.00	0	11,654
Total For R186												1,366,977,887.66	11,977	140,494
R197	On	03/08/2017	Bond Future			296.26671	296.26671	296.25101	296.25101			0.00	0	2,350
R197	On	02/11/2017	Bond Future			302.00489	302.00489	301.99071	301.99071			0.00	0	0
R197	On	01/02/2018	Bond Future			300.96067	300.96067	300.94824	300.94824			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			11,808.99000	11.80899	11,793,290		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			11,818.99000	11.81899	11,803,290		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			11,798.99000	11.79899	11,783,290		0.00	0	0
R197	On	02/11/2017	Bond Future	305.16	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	02/11/2017	Bond Future	305.16	Put			3,169.29000	3.16929	3,155,110		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			3,179.29000	3.17929	3,165,110		0.00	0	0
R197	On	02/11/2017	Bond Future	305.15	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	02/11/2017	Bond Future	305.15	Put			3,159.29000	3.15929	3,145,110		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	Put			731.76000	0.73176	719,330		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			711.76000	0.71176	699,330		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			721.76000	0.72176	709,330		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	Call			0.00000	0.00000	0,000		0.00	0	0
Total R197 Option												0.00	0	0
Total For R197												0.00	0	2,350
R202	On	03/08/2017	Bond Future			241.47219	241.47219	241.15011	241.15011			0.00	0	30,547
R202	On	02/11/2017	Bond Future			246.14900	246.14900	245.82239	245.82239			0.00	0	0
R202	On	01/02/2018	Bond Future			247.30055	247.30055	246.96886	246.96886			0.00	0	0
Total R202 Future												0.00	0	30,547

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R202	On	03/08/2017	Bond Future	258.36	Put			17,209.89000	17.20989	16,887,810		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			17,219.89000	17.21989	16,897,810		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			17,199.89000	17.19989	16,877,810		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			8,077.61000	8.07761	7,751,000		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			8,087.61000	8.08761	7,761,000		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			8,067.61000	8.06761	7,741,000		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			2,101.14000	2.10114	1,769,450		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			2,111.14000	2.11114	1,779,450		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			2,091.14000	2.09114	1,759,450		0.00	0	0
Total R202 Option												0.00	0	0
Total For R202												0.00	0	30,547
R2023	On	03/08/2017	Bond Future			7.86566	102.86932	7.90190	102.70918		4.64	0.00	0	38,317
R2023	On	02/11/2017	Bond Future			7.87458	100.90586	7.91277	100.74326		4.35	0.00	0	0
R2023	On	01/02/2018	Bond Future			7.87816	102.86947	7.91876	102.70335		4.36	0.00	0	0
Total R2023 Future												0.00	0	38,317
R2023	On	03/08/2017	Bond Future	8.59	Call			3,036.48000	3.03648	3,185,330	4.95	0.00	0	0
R2023	On	03/08/2017	Bond Future	8.59	Put			55.13000	0.05513	43,840	4.95	0.00	0	0
R2023	On	03/08/2017	Bond Future	8.60	Call			3,076.45000	3.07645	3,225,740	4.96	0.00	0	0
R2023	On	03/08/2017	Bond Future	8.60	Put			52.59000	0.05259	41,740	4.96	0.00	0	0
R2023	On	03/08/2017	Bond Future	8.58	Call			2,996.64000	2.99664	3,145,020	4.95	0.00	0	0
R2023	On	03/08/2017	Bond Future	8.58	Put			57.83000	0.05783	46,070	4.95	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.57	Call			3,016.68000	3.01668	3,150,570	4.61	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.57	Put			268.80000	0.26880	240,090	4.61	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.58	Call			3,051.24000	3.05124	3,185,700	4.62	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.58	Put			262.27000	0.26227	234,130	4.62	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.56	Call			2,982.40000	2.98240	3,115,710	4.61	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.56	Put			275.62000	0.27562	246,330	4.61	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Call			2,441.12000	2.44112	2,551,710	4.54	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Put			817.48000	0.81748	761,950	4.54	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Call			2,468.87000	2.46887	2,580,090	4.55	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Put			805.18000	0.80518	750,280	4.55	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
R2023	On	01/02/2018	Bond Future	8.31	Call			2,413.80000	2.41380	2,523,750	4.54	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.31	Put			830.23000	0.83023	774,060	4.54	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			9.01809	92.63626	9.07474	92.24011			112,089,874.60	1,210	34,665
R2030	On	02/11/2017	Bond Future			9.05727	94.40751	9.11574	94.00433			0.00	0	0
R2030	On	01/02/2018	Bond Future			9.09464	92.23954	9.15517	91.82823			0.00	0	0
Total R2030 Future												112,089,874.60	1,210	34,665
R2030	On	03/08/2017	Bond Future	9.34	Call			1,824.21000	1.82421	2,220,360		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			1,892.00000	1.89200	2,288,150		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			1,756.34000	1.75634	2,152,490		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	9.36	Call			1,658.49000	1.65849	2,061,670		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.36	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.34	Call			1,524.25000	1.52425	1,927,430		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			1,591.41000	1.59141	1,994,590		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	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			1,572.21000	1.57221	1,983,520		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			1,439.75000	1.43975	1,851,060		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			1,506.01000	1.50601	1,917,320		0.00	0	0
Total R2030 Option												0.00	0	0
Total For R2030												112,089,874.60	1,210	34,665
R2032	On	03/08/2017	Bond Future			9.19779	95.36779	9.25434	94.94351		10.01	0.00	0	26,589
R2032	On	02/11/2017	Bond Future			9.24233	93.03332	9.30063	92.60150		11.01	0.00	0	0
R2032	On	01/02/2018	Bond Future			9.28514	94.84374	9.34539	94.40311		10.53	0.00	0	0
Total R2032 Future												0.00	0	26,589
R2032	On	03/08/2017	Bond Future	9.44	Call			2,281.62000	2.28162	2,554,250	10.16	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.44	Put			908.11000	0.90811	756,460	10.16	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.45	Call			2,329.33000	2.32933	2,605,020	10.16	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.45	Put			882.68000	0.88268	734,090	10.16	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.43	Call			2,234.24000	2.23424	2,503,780	10.15	0.00	0	0
R2032	On	03/08/2017	Bond Future	9.43	Put			933.96000	0.93396	779,220	10.15	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.49	Call			3,355.64000	3.35564	3,610,590	11.20	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.49	Put			1,972.78000	1.97278	1,795,910	11.20	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2032	On	02/11/2017	Bond Future	9.50	Call			3,398.76000	3.39876	3,655,550	11.21	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.50	Put			1,943.70000	1.94370	1,768,670	11.21	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Call			3,312.79000	3.31279	3,565,890	11.19	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Put			2,002.20000	2.00220	1,823,480	11.19	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.56	Call			4,077.82000	4.07782	4,336,710	10.77	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.56	Put			2,532.50000	2.53250	2,350,760	10.77	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Call			4,120.00000	4.12000	4,380,360	10.78	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Put			2,503.58000	2.50358	2,323,310	10.78	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Call			4,035.84000	4.03584	4,293,240	10.76	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Put			2,561.70000	2.56170	2,378,470	10.76	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			9.43979	99.07261	9.50654	98.52841			45,672,473.21	461	10,106
R2035	On	02/11/2017	Bond Future			9.48978	96.46601	9.55855	95.91191			0.00	0	0
R2035	On	01/02/2018	Bond Future			9.53934	98.34320	9.61034	97.77803			0.00	0	0
Total R2035 Future												45,672,473.21	461	10,106
R2035	On	03/08/2017	Bond Future	9.51	Call			28.08000	0.02808	572,280		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.51	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.52	Call			109.16000	0.10916	653,360		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.52	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.50	Call			0.00000	0.00000	491,090		0.00	0	0
R2035	On	03/08/2017	Bond Future	9.50	Put			53.11000	0.05311	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Call			251.77000	0.25177	805,870		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Call			331.61000	0.33161	885,710		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Call			411.35000	0.41135	965,450		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	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			941.04000	0.94104	1,506,210		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.73	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Call			1,019.04000	1.01904	1,584,210		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Call			1,096.94000	1.09694	1,662,110		0.00	0	0
Total R2035 Option												0.00	0	0
Total For R2035												45,672,473.21	461	10,106
R2037	On	03/08/2017	Bond Future			9.54766	90.99153	9.61447	90.45017		11.94	0.00	0	66,025
R2037	On	02/11/2017	Bond Future			9.59506	92.73130	9.66378	92.18018		12.68	0.00	0	233
R2037	On	01/02/2018	Bond Future			9.64143	90.28041	9.71229	89.71819		12.65	0.00	0	0
Total R2037 Future												0.00	0	66,258

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2037	On	03/08/2017	Bond Future	9.57	Put			1,885.53000	1.88553	1,600,140	12.00	0.00	0	0
R2037	On	03/08/2017	Bond Future	9.58	Call			1,564.25000	1.56425	1,824,340	12.01	0.00	0	0
R2037	On	03/08/2017	Bond Future	9.58	Put			1,842.93000	1.84293	1,561,660	12.01	0.00	0	0
R2037	On	03/08/2017	Bond Future	9.56	Call			1,487.67000	1.48767	1,739,530	11.99	0.00	0	0
R2037	On	03/08/2017	Bond Future	9.56	Put			1,928.66000	1.92866	1,639,160	11.99	0.00	0	0
R2037	On	03/08/2017	Bond Future	9.57	Call			1,525.75000	1.52575	1,781,720	12.00	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.66	Call			2,976.75000	2.97675	3,258,210	12.82	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.66	Put			3,006.93000	3.00693	2,737,270	12.82	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.67	Call			3,017.49000	3.01749	3,301,290	12.83	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.67	Put			2,967.87000	2.96787	2,700,550	12.83	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.65	Call			2,936.28000	2.93628	3,215,400	12.81	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.65	Put			3,046.38000	3.04638	2,774,380	12.81	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.81	Put			3,349.63000	3.34963	3,097,430	12.93	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.82	Call			4,158.56000	4.15856	4,470,440	12.94	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.82	Put			3,314.33000	3.31433	3,063,990	12.94	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.83	Call			4,201.32000	4.20132	4,515,040	12.95	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.83	Put			3,279.34000	3.27934	3,030,840	12.95	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.81	Call			4,116.00000	4.11600	4,426,020	12.93	0.00	0	0
Total R2037 Option												0.00	0	0
Total For R2037												0.00	0	66,258
R204	On	03/08/2017	Bond Future			7.29419	101.93925	7.33248	101.88985		0.96	17,125,794.00	168	41,697
R204	On	02/11/2017	Bond Future			7.18439	103.88839	7.23104	103.83865		0.49	0.00	0	0
R204	On	01/02/2018	Bond Future			6.97713	101.86984	7.03809	101.81875		0.67	0.00	0	0
Total R204 Future												17,125,794.00	168	41,697
R204	On	03/08/2017	Bond Future	7.76	Call			565.90000	0.56590	610,910	1.02	0.00	0	0
R204	On	03/08/2017	Bond Future	7.76	Put			16.62000	0.01662	12,230	1.02	0.00	0	0
R204	On	03/08/2017	Bond Future	7.77	Call			577.65000	0.57765	622,900	1.02	0.00	0	0
R204	On	03/08/2017	Bond Future	7.77	Put			15.58000	0.01558	11,430	1.02	0.00	0	0
R204	On	03/08/2017	Bond Future	7.75	Call			554.14000	0.55414	598,920	1.02	0.00	0	0
R204	On	03/08/2017	Bond Future	7.75	Put			17.66000	0.01766	13,040	1.02	0.00	0	0
R204	On	02/11/2017	Bond Future	7.75	Call			560.16000	0.56016	607,180	0.54	0.00	0	0
R204	On	02/11/2017	Bond Future	7.75	Put			9.22000	0.00922	6,500	0.54	0.00	0	0
R204	On	02/11/2017	Bond Future	7.76	Call			570.19000	0.57019	617,350	0.54	0.00	0	0
R204	On	02/11/2017	Bond Future	7.76	Put			8.68000	0.00868	6,100	0.54	0.00	0	0
R204	On	02/11/2017	Bond Future	7.74	Call			550.16000	0.55016	597,030	0.54	0.00	0	0
R204	On	02/11/2017	Bond Future	7.74	Put			9.80000	0.00980	6,930	0.54	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Call			325.06000	0.32506	357,850	0.67	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Put			139.43000	0.13943	121,130	0.67	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Call			330.66000	0.33066	363,730	0.67	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Put			136.68000	0.13668	118,660	0.67	0.00	0	0

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	01/02/2018	Bond Future	7.25	Call			319.50000	0.31950	352,010	0.67	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Put			142.23000	0.14223	123,650	0.67	0.00	0	0
Total R204 Option												0.00	0	0
Total For R204												17,125,794.00	168	41,697
R2040	On	03/08/2017	Bond Future			9.61276	94.58932	9.69484	93.87752		12.56	0.00	0	13,856
R2040	On	02/11/2017	Bond Future			9.66041	96.39792	9.74483	95.67306		13.37	0.00	0	0
R2040	On	01/02/2018	Bond Future			9.70710	93.76802	9.79409	93.02876		13.34	0.00	0	0
Total R2040 Future												0.00	0	13,856
R2040	On	03/08/2017	Bond Future	9.61	Put			2,255.40000	2.25540	1,866,740	12.66	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.62	Call			1,558.46000	1.55846	1,886,880	12.67	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.62	Put			2,207.12000	2.20712	1,823,740	12.67	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.63	Call			1,598.13000	1.59813	1,931,830	12.68	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.63	Put			2,159.69000	2.15969	1,781,590	12.68	0.00	0	0
R2040	On	03/08/2017	Bond Future	9.61	Call			1,519.52000	1.51952	1,842,660	12.66	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.65	Put			3,661.42000	3.66142	3,284,060	13.31	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Call			2,886.52000	2.88652	3,237,100	13.32	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Put			3,614.92000	3.61492	3,240,640	13.32	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Call			2,926.55000	2.92655	3,280,200	13.33	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Put			3,568.61000	3.56861	3,197,400	13.33	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.65	Call			2,846.55000	2.84655	3,194,050	13.31	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Call			4,385.40000	4.38540	4,794,310	13.46	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Put			3,664.57000	3.66457	3,334,220	13.46	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Call			4,430.14000	4.43014	4,841,470	13.46	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Put			3,626.00000	3.62600	3,298,070	13.46	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Call			4,340.56000	4.34056	4,747,050	13.45	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Put			3,703.17000	3.70317	3,370,400	13.45	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			9.68767	91.29753	9.77481	90.53943		13.19	0.00	0	23,797
R2044	On	02/11/2017	Bond Future			9.73532	93.04324	9.82491	92.27112		14.07	0.00	0	200
R2044	On	01/02/2018	Bond Future			9.78208	90.47320	9.87434	89.68578		14.03	0.00	0	0
Total R2044 Future												0.00	0	23,997
R2044	On	03/08/2017	Bond Future	9.62	Call			1,269.13000	1.26913	1,576,770	13.11	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.62	Put			2,623.44000	2.62344	2,172,980	13.11	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.63	Call			1,303.60000	1.30360	1,616,810	13.12	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.63	Put			2,569.39000	2.56939	2,124,500	13.12	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.64	Call			1,338.65000	1.33865	1,657,460	13.12	0.00	0	0
R2044	On	03/08/2017	Bond Future	9.64	Put			2,516.06000	2.51606	2,076,770	13.12	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.67	Call			2,671.29000	2.67129	3,024,300	14.03	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.67	Put			4,013.49000	4.01349	3,594,380	14.03	0.00	0	0

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	02/11/2017	Bond Future	9.68	Call			2,709.52000	2.70952	3,065,780	14.03	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.68	Put			3,964.05000	3.96405	3,548,190	14.03	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.66	Call			2,633.60000	2.63360	2,983,360	14.02	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.66	Put			4,063.61000	4.06361	3,641,250	14.02	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.90	Call			4,197.34000	4.19734	4,619,000	14.17	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.90	Put			3,980.41000	3.98041	3,614,650	14.17	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.91	Call			4,241.29000	4.24129	4,665,510	14.18	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.91	Put			3,940.07000	3.94007	3,576,870	14.18	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.89	Call			4,153.88000	4.15388	4,572,960	14.17	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.89	Put			4,021.39000	4.02139	3,653,050	14.17	0.00	0	0
Total R2044 Option												0.00	0	0
Total For R2044												0.00	0	23,997
R2048	On	03/08/2017	Bond Future			9.64398	95.06807	9.72590	94.33341		13.10	0.00	0	77,986
R2048	On	02/11/2017	Bond Future			9.69239	92.44826	9.77661	91.70018		14.62	0.00	0	226
R2048	On	01/02/2018	Bond Future			9.74037	94.24727	9.82711	93.48428		13.90	0.00	0	0
Total R2048 Future												0.00	0	78,212
R2048	On	03/08/2017	Bond Future	9.57	Call			1,306.69000	1.30669	1,601,740	12.99	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.57	Put			2,713.89000	2.71389	2,274,280	12.99	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.58	Call			1,342.23000	1.34223	1,642,680	13.00	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.58	Put			2,658.01000	2.65801	2,223,800	13.00	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.56	Call			1,271.74000	1.27174	1,561,420	12.99	0.00	0	0
R2048	On	03/08/2017	Bond Future	9.56	Put			2,770.52000	2.77052	2,325,540	12.99	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.65	Call			2,865.23000	2.86523	3,215,090	14.56	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.65	Put			3,994.00000	3.99400	3,595,780	14.56	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.66	Call			2,905.45000	2.90545	3,258,460	14.57	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.66	Put			3,944.16000	3.94416	3,549,090	14.57	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.64	Call			2,825.31000	2.82531	3,172,030	14.55	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.64	Put			4,044.30000	4.04430	3,642,940	14.55	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.90	Call			4,534.81000	4.53481	4,953,710	14.04	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.90	Put			3,902.40000	3.90240	3,558,310	14.04	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.91	Call			4,580.82000	4.58082	5,002,180	14.05	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.91	Put			3,862.27000	3.86227	3,520,640	14.05	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Call			4,489.00000	4.48900	4,905,430	14.03	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Put			3,942.89000	3.94289	3,596,330	14.03	0.00	0	0
Total R2048 Option												0.00	0	0
Total For R2048												0.00	0	78,212
R207	On	03/08/2017	Bond Future			7.36392	100.21567	7.41167	100.11117		1.75	0.00	0	45,633
R207	On	02/11/2017	Bond Future			7.30961	102.13184	7.36290	102.02592		1.35	0.00	0	0
R207	On	01/02/2018	Bond Future			7.22556	100.47727	7.28643	100.36893		1.48	0.00	0	0
Total R207 Future												0.00	0	45,633

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R207	On	03/08/2017	Bond Future	8.40	Call			2,132.69000	2.13269	2,237,000	1.90	0.00	0	0
R207	On	03/08/2017	Bond Future	8.40	Put			0.42000	0.00042	0,230	1.90	0.00	0	0
R207	On	03/08/2017	Bond Future	8.41	Call			2,153.93000	2.15393	2,258,260	1.91	0.00	0	0
R207	On	03/08/2017	Bond Future	8.41	Put			0.38000	0.00038	0,210	1.91	0.00	0	0
R207	On	03/08/2017	Bond Future	8.39	Call			2,111.45000	2.11145	2,215,740	1.90	0.00	0	0
R207	On	03/08/2017	Bond Future	8.39	Put			0.46000	0.00046	0,250	1.90	0.00	0	0
R207	On	03/08/2017	Bond Future	8.19	Put			2.54000	0.00254	1,530	1.87	0.00	0	0
R207	On	03/08/2017	Bond Future	8.19	Call			1,686.59000	1.68659	1,790,080	1.87	0.00	0	51
R207	On	02/11/2017	Bond Future	8.03	Call			1,349.79000	1.34979	1,447,410	1.48	0.00	0	0
R207	On	02/11/2017	Bond Future	8.03	Put			35.99000	0.03599	27,690	1.48	0.00	0	0
R207	On	02/11/2017	Bond Future	8.04	Call			1,367.81000	1.36781	1,465,730	1.48	0.00	0	0
R207	On	02/11/2017	Bond Future	8.04	Put			34.48000	0.03448	26,480	1.48	0.00	0	0
R207	On	02/11/2017	Bond Future	8.05	Call			1,385.97000	1.38597	1,484,170	1.48	0.00	0	0
R207	On	02/11/2017	Bond Future	8.05	Put			33.12000	0.03312	25,400	1.48	0.00	0	0
R207	On	01/02/2018	Bond Future	7.60	Call			824.85000	0.82485	898,630	1.55	0.00	0	0
R207	On	01/02/2018	Bond Future	7.60	Put			269.13000	0.26913	234,570	1.55	0.00	0	0
R207	On	01/02/2018	Bond Future	7.61	Call			837.29000	0.83729	911,590	1.55	0.00	0	0
R207	On	01/02/2018	Bond Future	7.61	Put			263.92000	0.26392	229,880	1.55	0.00	0	0
R207	On	01/02/2018	Bond Future	7.62	Call			849.53000	0.84953	924,350	1.55	0.00	0	0
R207	On	01/02/2018	Bond Future	7.62	Put			258.51000	0.25851	224,990	1.55	0.00	0	0
Total R207 Option												0.00	0	51
Total For R207												0.00	0	45,684
R208	On	03/08/2017	Bond Future			7.48259	100.08495	7.52952	99.93975		2.85	25,021,237.50	250	35,029
R208	On	02/11/2017	Bond Future			7.46077	98.59663	7.51137	98.44928		2.39	0.00	0	0
R208	On	01/02/2018	Bond Future			7.42540	100.51532	7.48062	100.36471		2.47	0.00	0	0
Total R208 Future												25,021,237.50	250	35,029
R208	On	03/08/2017	Bond Future	8.32	Put			8.92000	0.00892	5,980	3.05	0.00	0	0
R208	On	03/08/2017	Bond Future	8.30	Call			2,356.91000	2.35691	2,498,810	3.04	0.00	0	0
R208	On	03/08/2017	Bond Future	8.30	Put			10.15000	0.01015	6,850	3.04	0.00	0	0
R208	On	03/08/2017	Bond Future	8.31	Call			2,386.27000	2.38627	2,528,350	3.04	0.00	0	0
R208	On	03/08/2017	Bond Future	8.31	Put			9.51000	0.00951	6,390	3.04	0.00	0	0
R208	On	03/08/2017	Bond Future	8.32	Call			2,415.67000	2.41567	2,557,930	3.05	0.00	0	0
R208	On	02/11/2017	Bond Future	8.19	Put			79.55000	0.07955	64,460	2.53	0.00	0	0
R208	On	02/11/2017	Bond Future	8.20	Call			2,055.54000	2.05554	2,188,250	2.53	0.00	0	0
R208	On	02/11/2017	Bond Future	8.20	Put			76.77000	0.07677	62,130	2.53	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Call			2,004.42000	2.00442	2,136,220	2.53	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Put			82.43000	0.08243	66,880	2.53	0.00	0	0
R208	On	02/11/2017	Bond Future	8.19	Call			2,029.94000	2.02994	2,162,200	2.53	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Call			1,396.73000	1.39673	1,500,450	2.55	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Put			423.43000	0.42343	376,540	2.55	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
R208	On	01/02/2018	Bond Future	7.85	Call			1,415.62000	1.41562	1,520,020	2.55	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Put			415.41000	0.41541	369,200	2.55	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Call			1,377.95000	1.37795	1,480,990	2.55	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Put			431.57000	0.43157	384,000	2.55	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												25,021,237.50	250	35,029
R209	On	03/08/2017	Bond Future			9.38679	74.83016	9.45337	74.37370		11.80	0.00	0	74,115
R209	On	02/11/2017	Bond Future			9.42978	73.11101	9.49819	72.64621		13.26	11,697,761.60	160	790
R209	On	01/02/2018	Bond Future			9.47117	74.53376	9.54156	74.05965		12.61	0.00	0	0
Total R209 Future												11,697,761.60	160	74,905
R209	On	03/08/2017	Bond Future	9.44	Call			1,347.27000	1.34727	1,574,420	11.98	0.00	0	0
R209	On	03/08/2017	Bond Future	9.44	Put			1,438.58000	1.43858	1,209,270	11.98	0.00	0	0
R209	On	03/08/2017	Bond Future	9.45	Call			1,381.39000	1.38139	1,612,110	11.98	0.00	0	0
R209	On	03/08/2017	Bond Future	9.45	Put			1,404.39000	1.40439	1,178,650	11.98	0.00	0	0
R209	On	03/08/2017	Bond Future	9.43	Call			1,313.64000	1.31364	1,537,210	11.97	0.00	0	0
R209	On	03/08/2017	Bond Future	9.43	Put			1,473.37000	1.47337	1,240,480	11.97	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Call			2,513.27000	2.51327	2,756,630	13.28	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Put			2,366.02000	2.36602	2,144,580	13.28	0.00	0	0
R209	On	02/11/2017	Bond Future	10.00	Call			4,442.39000	4.44239	4,774,270	13.72	0.00	0	0
R209	On	02/11/2017	Bond Future	10.00	Put			1,165.59000	1.16559	1,032,670	13.72	0.00	0	3,360
R209	On	02/11/2017	Bond Future	9.53	Call			2,548.44000	2.54844	2,793,840	13.29	0.00	0	0
R209	On	02/11/2017	Bond Future	9.53	Put			2,333.83000	2.33383	2,114,430	13.29	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Call			2,583.68000	2.58368	2,831,110	13.30	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Put			2,301.80000	2.30180	2,084,430	13.30	0.00	0	0
R209	On	02/11/2017	Bond Future	10.60	Call			7,324.82000	7.32482	7,731,060	14.18	0.00	0	0
R209	On	02/11/2017	Bond Future	10.60	Put			417.93000	0.41793	359,370	14.18	0.00	0	1,300
R209	On	02/11/2017	Bond Future	8.30	Put			9,043.14000	9.04314	8,616,280	12.66	0.00	0	0
R209	On	02/11/2017	Bond Future	8.30	Call			213.02000	0.21302	250,960	12.66	0.00	0	2,800
R209	On	02/11/2017	Bond Future	9.00	Put			4,571.39000	4.57139	4,244,190	12.96	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Call			1,081.68000	1.08168	1,219,280	12.96	0.00	0	4,100
R209	On	01/02/2018	Bond Future	9.71	Call			3,618.82000	3.61882	3,892,650	12.80	0.00	0	0
R209	On	01/02/2018	Bond Future	9.71	Put			2,502.95000	2.50295	2,302,670	12.80	0.00	0	0
R209	On	01/02/2018	Bond Future	9.72	Call			3,656.23000	3.65623	3,931,660	12.80	0.00	0	0
R209	On	01/02/2018	Bond Future	9.72	Put			2,474.93000	2.47493	2,276,250	12.80	0.00	0	0
R209	On	01/02/2018	Bond Future	9.73	Call			3,693.81000	3.69381	3,970,830	12.81	0.00	0	0
R209	On	01/02/2018	Bond Future	9.73	Put			2,447.17000	2.44717	2,250,080	12.81	0.00	0	0
Total R209 Option												0.00	0	11,560
Total For R209												11,697,761.60	160	86,465
R210	On	03/08/2017	Bond Future			186.41274	186.41274	186.40298	186.40298			0.00	0	1,675
R210	On	02/11/2017	Bond Future			187.62308	187.62308	187.61441	187.61441			0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R210	On	01/02/2018	Bond Future			191.35666	191.35666	191.34890	191.34890			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			9,887.02000	9.88702	9,877,260		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			9,897.02000	9.89702	9,887,260		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			9,877.02000	9.87702	9,867,260		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			4,455.59000	4.45559	4,446,920		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			4,465.59000	4.46559	4,456,920		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			4,475.59000	4.47559	4,466,920		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	Put			1,021.10000	1.02110	1,013,340		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			1,031.10000	1.03110	1,023,340		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			1,011.10000	1.01110	1,003,340		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			148.65324	148.65324	148.64514	148.64514			0.00	0	4,858
R212	On	02/11/2017	Bond Future			151.53237	151.53237	151.52514	151.52514			0.00	0	0
R212	On	01/02/2018	Bond Future			152.48750	152.48750	152.48108	152.48108			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			4,704.86000	4.70486	4,696,760		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			4,714.86000	4.71486	4,706,760		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			4,694.86000	4.69486	4,686,760		0.00	0	0
R212	On	02/11/2017	Bond Future	152.41	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	02/11/2017	Bond Future	152.41	Put			884.86000	0.88486	877,630		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			894.86000	0.89486	887,630		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			874.86000	0.87486	867,630		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			2,228.92000	2.22892	2,222,500		0.00	0	0

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	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			2,208.92000	2.20892	2,202,500		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			2,218.92000	2.21892	2,212,500		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			9.09009	86.94726	9.14148	86.59735		9.74	1,217,261.64	14	55,659
R213	On	02/11/2017	Bond Future			9.13229	85.05972	9.18525	84.70359		10.80	0.00	0	0
R213	On	01/02/2018	Bond Future			9.17362	86.71495	9.22836	86.35158		10.31	0.00	0	0
Total R213 Future												1,217,261.64	14	55,659
R213	On	03/08/2017	Bond Future	9.34	Call			2,114.56000	2.11456	2,341,680	10.01	0.00	0	0
R213	On	03/08/2017	Bond Future	9.34	Put			781.65000	0.78165	658,860	10.01	0.00	0	0
R213	On	03/08/2017	Bond Future	9.35	Call			2,158.70000	2.15870	2,388,350	10.02	0.00	0	0
R213	On	03/08/2017	Bond Future	9.35	Put			759.42000	0.75942	639,160	10.02	0.00	0	0
R213	On	03/08/2017	Bond Future	9.33	Call			2,070.86000	2.07086	2,295,420	10.00	0.00	0	0
R213	On	03/08/2017	Bond Future	9.33	Put			804.38000	0.80438	679,030	10.00	0.00	0	0
R213	On	02/11/2017	Bond Future	9.35	Call			2,905.11000	2.90511	3,111,130	10.88	0.00	0	0
R213	On	02/11/2017	Bond Future	9.35	Put			1,810.51000	1.81051	1,660,400	10.88	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Call			2,943.86000	2.94386	3,151,440	10.88	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Put			1,783.46000	1.78346	1,634,910	10.88	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Call			2,866.62000	2.86662	3,071,060	10.87	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Put			1,837.89000	1.83789	1,686,200	10.87	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Call			3,607.25000	3.60725	3,817,050	10.64	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Put			2,352.04000	2.35204	2,198,470	10.64	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Call			3,645.21000	3.64521	3,856,260	10.65	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Put			2,325.22000	2.32522	2,172,900	10.65	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Call			3,569.47000	3.56947	3,778,020	10.63	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Put			2,379.12000	2.37912	2,224,300	10.63	0.00	0	0
Total R213 Option												0.00	0	0
Total For R213												1,217,261.64	14	55,659
R214	On	03/08/2017	Bond Future			9.54224	74.49894	9.62407	73.91828		12.55	0.00	0	35,526
R214	On	02/11/2017	Bond Future			9.58775	72.62695	9.67180	72.03560		14.16	0.00	0	0
R214	On	01/02/2018	Bond Future			9.63269	74.04026	9.71916	73.43714		13.42	0.00	0	0
Total R214 Future												0.00	0	35,526
R214	On	03/08/2017	Bond Future	9.52	Call			1,118.77000	1.11877	1,373,320	12.57	0.00	0	0
R214	On	03/08/2017	Bond Future	9.52	Put			1,858.57000	1.85857	1,532,460	12.57	0.00	0	0
R214	On	03/08/2017	Bond Future	9.53	Call			1,149.56000	1.14956	1,408,620	12.58	0.00	0	0
R214	On	03/08/2017	Bond Future	9.53	Put			1,817.73000	1.81773	1,496,130	12.58	0.00	0	0
R214	On	03/08/2017	Bond Future	9.51	Call			1,088.58000	1.08858	1,338,630	12.56	0.00	0	0
R214	On	03/08/2017	Bond Future	9.51	Put			1,900.13000	1.90013	1,569,520	12.56	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
R214	On	02/11/2017	Bond Future	9.59	Call			2,295.56000	2.29556	2,582,760	14.06	0.00	0	0
R214	On	02/11/2017	Bond Future	9.59	Put			2,870.98000	2.87098	2,566,830	14.06	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Call			2,328.60000	2.32860	2,618,390	14.06	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Put			2,833.27000	2.83327	2,531,710	14.06	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Call			2,262.96000	2.26296	2,547,570	14.05	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Put			2,909.24000	2.90924	2,602,500	14.05	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Call			3,626.09000	3.62609	3,965,480	13.74	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Put			2,865.01000	2.86501	2,601,280	13.74	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Call			3,663.59000	3.66359	4,004,970	13.75	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Put			2,834.50000	2.83450	2,572,760	13.75	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Call			3,588.76000	3.58876	3,926,150	13.73	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Put			2,895.80000	2.89580	2,630,070	13.73	0.00	0	0
Total R214 Option												0.00	0	0
Total For R214												0.00	0	35,526
Total for Bond												1,579,802,290.21	14,240	870,743
E170	On	01/08/2021	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total E170 Future												0.00	0	0
Total For E170												0.00	0	0
ES18	On	20/04/2018	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES18 Future												0.00	0	0
Total For ES18												0.00	0	0
ES18A	On	20/04/2018	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES18A Future												0.00	0	0
Total For ES18A												0.00	0	0
ES23	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES23 Future												0.00	0	0
Total For ES23												0.00	0	0
ES23A	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES23A Future												0.00	0	0
Total For ES23A												0.00	0	0
ES26	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES26 Future												0.00	0	0
Total For ES26												0.00	0	0
ES26A	On	02/04/2026	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES26A Future												0.00	0	0
Total For ES26A												0.00	0	0
ES33	On	15/09/2033	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES33 Future												0.00	0	0

Contract 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 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
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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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
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

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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R213/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			568.65000	568.65000	566.20600	566.20600			0.00	0	404
GOVI On 02/11/2017 GOVI			579.52300	579.52300	577.03500	577.03500			0.00	0	0
GOVI On 01/02/2018 GOVI			590.80000	590.80000	588.26200	588.26200			0.00	0	0
Total GOVI Future									0.00	0	404
GOVI On 03/08/2017 GOVI	561.10	Call			51,060.00000	5.10600	75,500,000		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			50,960.00000	5.09600	75,400,000		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 03/08/2017 GOVI	561.09	Call			51,160.00000	5.11600	75,600,000		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 02/11/2017 GOVI	572.44	Call			45,950.00000	4.59500	70,830,000		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 02/11/2017 GOVI	572.45	Call			45,850.00000	4.58500	70,730,000		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			45,750.00000	4.57500	70,630,000		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 01/02/2018 GOVI	581.03	Call			72,320.00000	7.23200	97,700,000		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			72,220.00000	7.22200	97,600,000		0.00	0	0
GOVI On 01/02/2018 GOVI	581.04	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI On 01/02/2018 GOVI	581.02	Call			72,420.00000	7.24200	97,800,000		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	404
Total for GOVI									0.00	0	404
AL37 On 03/08/2017 Index Future			548.13600	548.13600	547.32300	547.32300			0.00	0	0
AL37 On 02/11/2017 Index Future			558.61600	558.61600	557.79100	557.79100			0.00	0	0
AL37 On 01/02/2018 Index Future			569.48700	569.48700	568.64400	568.64400			0.00	0	0
Total AL37 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 AL37										0.00	0	0
AL7T On 03/08/2017 Index Future			633.16000	633.16000	631.64300	631.64300				0.00	0	0
AL7T On 02/11/2017 Index Future			645.26600	645.26600	643.72400	643.72400				0.00	0	0
AL7T On 01/02/2018 Index Future			657.82400	657.82400	656.24900	656.24900				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			570.13600	570.13600	567.62200	567.62200				0.00	0	600
ALBI On 02/11/2017 Index Future			581.03800	581.03800	578.47800	578.47800				0.00	0	0
ALBI On 01/02/2018 Index Future			592.34500	592.34500	589.73400	589.73400				0.00	0	0
Total ALBI Future										0.00	0	600
Total For ALBI										0.00	0	600
IGOV On 03/08/2017 Index Future			249.87400	249.87400	249.76100	249.76100				0.00	0	1,296
IGOV On 02/11/2017 Index Future			254.71400	254.71400	254.60000	254.60000				0.00	0	0
IGOV On 01/02/2018 Index Future			259.78200	259.78200	259.66700	259.66700				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	1,896
JIBAR f On 21/06/2017 Jibar Future			7.33000	92.67000	7.33000	92.67000				0.00	0	0
JIBAR f On 19/07/2017 Jibar Future			7.29000	92.71000	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			7.21000	92.79000	7.21000	92.79000				0.00	0	0
JIBAR f On 18/10/2017 Jibar Future			7.17000	92.83000	7.17000	92.83000				0.00	0	0
JIBAR f On 15/11/2017 Jibar Future			7.13000	92.87000	7.13000	92.87000				0.00	0	0
JIBAR f On 20/12/2017 Jibar Future			7.09000	92.91000	7.09000	92.91000				0.00	0	0
JIBAR f On 20/03/2018 Jibar Future			7.01000	92.99000	7.01000	92.99000				0.00	0	2,500
JIBAR f On 20/06/2018 Jibar Future			6.99000	93.01000	6.99000	93.01000				0.00	0	0
JIBAR f On 19/09/2018 Jibar Future			7.04000	92.96000	7.04000	92.96000				0.00	0	0
JIBAR f On 19/12/2018 Jibar Future			7.09000	92.91000	7.09000	92.91000				0.00	0	0
JIBAR f On 20/03/2019 Jibar Future			7.14000	92.86000	7.14000	92.86000				0.00	0	0
Total Jibar Future										0.00	0	2,500
Total For JIBAR FUTURE										0.00	0	2,500
Total for Jibar										0.00	0	2,500
10Y ST On 17/12/2025 Interest Rate Swap			94.65544	94.65544	94.65779	94.65779				0.00	0	0
10Y ST On 16/03/2026 Interest Rate Swap			91.63227	91.63227	91.63528	91.63528				0.00	0	0
10Y ST On 15/06/2026 Interest Rate Swap			90.35238	90.35238	90.35596	90.35596				0.00	0	0
10Y ST On 21/09/2026 Interest Rate Swap			92.48594	92.48594	92.48936	92.48936				0.00	0	0
10Y ST On 21/12/2026 Interest Rate Swap			96.23952	96.23952	96.24288	96.24288				0.00	0	0
10Y ST On 15/03/2027 Interest Rate Swap			94.79212	94.79212	94.79579	94.79579				0.00	0	0
10Y ST On 21/06/2027 Interest Rate Swap			96.84170	96.84170	96.84509	96.84509				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total 10Y STND Future										0.00	0	0
Total For 10Y STND										0.00	0	0
1Y STN On 15/06/2017		Interest Rate Swap	99.60697	99.60697	99.60697	99.60697				0.00	0	0
1Y STN On 21/09/2017		Interest Rate Swap	99.61676	99.61676	99.61626	99.61626				0.00	0	0
1Y STN On 21/12/2017		Interest Rate Swap	99.81720	99.81720	99.81501	99.81501				0.00	0	0
1Y STN On 15/03/2018		Interest Rate Swap	99.74943	99.74943	99.74660	99.74660				0.00	0	0
1Y STN On 21/06/2018		Interest Rate Swap	99.88703	99.88703	99.88540	99.88540				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	99.84747	99.84747	99.84529	99.84529				0.00	0	0
2Y STN On 16/03/2018		Interest Rate Swap	99.02999	99.02999	99.02699	99.02699				0.00	0	0
2Y STN On 15/06/2018		Interest Rate Swap	98.57136	98.57136	98.57018	98.57018				0.00	0	0
2Y STN On 21/09/2018		Interest Rate Swap	98.48462	98.48462	98.48203	98.48203				0.00	0	0
2Y STN On 21/12/2018		Interest Rate Swap	98.84000	98.84000	98.84000	98.84000				0.00	0	0
2Y STN On 15/03/2019		Interest Rate Swap	99.21299	99.21299	99.21076	99.21076				0.00	0	0
2Y STN On 21/06/2019		Interest Rate Swap	99.58557	99.58557	99.58543	99.58543				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	96.15780	96.15780	96.15891	96.15891				0.00	0	0
5Y STN On 16/03/2021		Interest Rate Swap	95.37384	95.37384	95.37517	95.37517				0.00	0	0
5Y STN On 15/06/2021		Interest Rate Swap	94.55904	94.55904	94.56064	94.56064				0.00	0	0
5Y STN On 21/09/2021		Interest Rate Swap	94.71857	94.71857	94.71999	94.71999				0.00	0	0
5Y STN On 21/12/2021		Interest Rate Swap	96.88419	96.88419	96.88574	96.88574				0.00	0	51
5Y STN On 15/03/2022		Interest Rate Swap	96.99367	96.99367	96.99566	96.99566				0.00	0	0
5Y STN On 21/06/2022		Interest Rate Swap	98.16743	98.16743	98.16927	98.16927				0.00	0	0
Total 5Y STND Future										0.00	0	51
Total For 5Y STND										0.00	0	51
Total for Interest Rate Swap										0.00	0	51
Total for Derivatives :										1,579,802,290.21	14,240	875,594
AA05 On 22/03/2019		Spot Bond	9.26500	102.09796	9.26500	102.07283				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	98.71814				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	13.93459	100.00000	13.90046				0.00	0	0
Total AA06/JIBAR SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AA06/JIBAR										0.00	0	0
AA07 On 15/04/2021 Spot Bond			9.63500	101.07520	9.63500	101.04922				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	107.92200	10.00000	107.89400				0.00	0	0
Total AB01/R186 SPOT										0.00	0	0
Total For AB01/R186										0.00	0	0
AB010 On 21/11/2022 Spot Bond				100.00000	0.00000	100.80680				0.00	2,424,000,000	1,212,000,000
Total AB010 SPOT										0.00	2,424,000,000	1,212,000,000
Total For AB010										0.00	2,424,000,000	1,212,000,000
AB011 On 21/11/2023 Spot Bond				100.00000	0.00000	100.64371				0.00	0	0
Total AB011 SPOT										0.00	0	0
Total For AB011										0.00	0	0
AB013 On 21/11/2018 Spot Bond			9.36500	99.12425	9.36500	99.09961				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 19/11/2024 Spot Bond			100.00000	10.15269	100.00000	10.12810				0.00	0	0
Total AB014U SPOT										0.00	0	0
Total For AB014U										0.00	0	0
AB015L On 13/11/2024 Spot Bond			10.84000	100.72435	10.84000	100.69545				0.00	0	0
Total AB015U SPOT										0.00	0	0
Total For AB015U										0.00	0	0
AB016L On 05/02/2025 Spot Bond			100.00000	10.67670	100.00000	10.65084				0.00	0	0
Total AB016U SPOT										0.00	0	0
Total For AB016U										0.00	0	0
AB018L On 04/09/2025 Spot Bond			11.37000	103.08497	11.37000	103.05400				0.00	0	0
Total AB018U SPOT										0.00	0	0
Total For AB018U										0.00	0	0
AB019L On 04/09/2025 Spot Bond			100.00000	10.09917	100.00000	10.07471				0.00	0	0
Total AB019U SPOT										0.00	0	0
Total For AB019U										0.00	0	0
AB020L On 03/09/2027 Spot Bond			11.81000	89.04187	11.81000	89.01371				0.00	0	0
Total AB020U SPOT										0.00	0	0
Total For AB020U										0.00	0	0
AB021L On 03/09/2027 Spot Bond			100.00000	10.17753	100.00000	10.15287				0.00	0	0
Total AB021U 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 AB021U										0.00	0	0
AB023L On 05/05/2021 Spot Bond			100.00000	15.89007	100.00000	15.85158				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	18.68895	100.00000	18.65976				0.00	0	0
Total AB024U SPOT										0.00	0	0
Total For AB024U										0.00	0	0
AB025L On 20/08/2026 Spot Bond			100.00000	12.08398	100.00000	12.05470				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	18.11953	100.00000	18.07899				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	11.55372	100.00000	11.53084				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	13.09178	100.00000	13.06006				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	108.72900	10.00000	108.70100				0.00	0	0
Total ABC1234/R2022 SPOT										0.00	0	0
Total For ABC1234/R2022										0.00	0	0
ABCPI3 On 07/12/2023 Spot Bond			4.51000	105.61422	4.51000	261.46115				0.00	0	0
Total ABCPI3 SPOT										0.00	0	0
Total For ABCPI3										0.00	0	0
ABF19L On 21/04/2022 Spot Bond			100.00000	10.90264	100.00000	10.86823				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	100.22484				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	101.08137				0.00	996,000,000	498,000,000
Total ABFN08 SPOT										0.00	996,000,000	498,000,000
Total For ABFN08										0.00	996,000,000	498,000,000
ABFN09 On 17/03/2026 Spot Bond				100.00000	0.00000	99.85601				0.00	0	0
Total ABFN09 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 ABFN09									0.00	0	0
ABFN1: On 28/10/2019 Spot Bond				100.00000	0.00000	100.70133			0.00	0	0
Total ABFN10 SPOT									0.00	0	0
Total For ABFN10									0.00	0	0
ABFN1: On 09/04/2019 Spot Bond				100.00000	0.00000	101.21251			0.00	0	0
Total ABFN12 SPOT									0.00	0	0
Total For ABFN12									0.00	0	0
ABFN1: On 14/05/2020 Spot Bond				100.00000	0.00000	101.43434			0.00	200,000,000	100,000,000
Total ABFN13 SPOT									0.00	200,000,000	100,000,000
Total For ABFN13									0.00	200,000,000	100,000,000
ABFN1: On 14/05/2022 Spot Bond				100.00000	0.00000	100.72985			0.00	0	0
Total ABFN14 SPOT									0.00	0	0
Total For ABFN14									0.00	0	0
ABFN1: On 11/11/2020 Spot Bond				100.00000	0.00000	101.17648			0.00	0	0
Total ABFN15 SPOT									0.00	0	0
Total For ABFN15									0.00	0	0
ABFN1: On 11/11/2022 Spot Bond				100.00000	0.00000	101.25428			0.00	0	0
Total ABFN16 SPOT									0.00	0	0
Total For ABFN16									0.00	0	0
ABFN1: On 17/05/2019 Spot Bond				100.00000	0.00000	100.92347			0.00	0	0
Total ABFN17 SPOT									0.00	0	0
Total For ABFN17									0.00	0	0
ABFN1: On 26/09/2023 Spot Bond				100.00000	0.00000	101.96543			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	100.33687			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	100.34807			0.00	0	0
Total ABFN21 SPOT									0.00	0	0
Total For ABFN21									0.00	0	0
ABFN2: On 30/05/2024 Spot Bond				100.00000	0.00000	100.35739			0.00	0	500,000,000
Total ABFN22 SPOT									0.00	0	500,000,000
Total For ABFN22									0.00	0	500,000,000
ABFN2: On 25/05/2027 Spot Bond				100.00000	0.00000	100.49770			0.00	0	0
Total ABFN23 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 ABFN23										0.00	0	0
ABK1 On 07/11/2018 Spot Bond			11.36500	100.93630	11.36500	101.30111				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	97.72924				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	98.98759				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	100.69222				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			10.30500	101.32730	10.30500	99.79671				0.00	0	700,000,000
Total ABK2 SPOT										0.00	0	700,000,000
Total For ABK2										0.00	0	700,000,000
ABK3 On 07/11/2018 Spot Bond				100.00000	0.00000	99.95688				0.00	0	0
Total ABK3 SPOT										0.00	0	0
Total For ABK3										0.00	0	0
ABK3/J On 07/11/2018 Spot Bond			100.00000	43.59893	100.00000	43.49331				0.00	0	0
Total ABK3/JIBAR SPOT										0.00	0	0
Total For ABK3/JIBAR										0.00	0	0
ABK4 On 24/05/2018 Spot Bond				100.00000	0.00000	99.66021				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	58.91184	100.00000	58.76912				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	99.21445				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	43.82059	100.00000	43.71443				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	100.21537				0.00	0	0
Total ABK6 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 ABK6										0.00	0	0
ABK7 On 03/06/2019 Spot Bond				100.00000	0.00000	96.02399				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	93.45751				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	96.43971				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	145.86819	6.44500	145.84269				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	102.78043	6.44500	128.32350				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	14.27795	100.00000	14.25273				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	91.69630	7.70500	107.37958				0.00	0	0
Total ABKI03 SPOT										0.00	0	0
Total For ABKI03										0.00	0	0
ABKI03 On 13/10/2021 Spot Bond			100.00000	6.59458	100.00000	6.58292				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			8.45000	95.46514	8.45000	108.57568				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	8.10801	100.00000	8.08858				0.00	0	0
Total ABKI04/I2025 SPOT										0.00	0	0
Total For ABKI04/I2025										0.00	0	0
ABKS1 On 04/04/2026 Spot Bond				100.00000	0.00000	88.69329				0.00	0	10,000,000
Total ABKS1 SPOT										0.00	0	10,000,000
Total For ABKS1										0.00	0	10,000,000
ABN05 On 18/04/2021 Spot Bond			3.71000	183.14651	3.71000	183.09219				0.00	0	0
Total ABN05 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 ABN05										0.00	0	0
ABN09 On 27/06/2023 Spot Bond			2.17000	198.19839	2.17000	198.14776				0.00	0	0
Total ABN09 SPOT										0.00	0	0
Total For ABN09										0.00	0	0
ABN14 On 10/10/2033 Spot Bond			1.82000	209.23863	1.82000	209.18723				0.00	0	0
Total ABN14 SPOT										0.00	0	0
Total For ABN14										0.00	0	0
ABN33 On 29/01/2018 Spot Bond			8.47125	95.02627	8.47125	94.99730				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			8.47125	95.02627	8.47125	94.99730				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	101.83177				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	101.42028				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			3.42000	91.27320	3.42000	119.84735				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			3.17000	95.35378	3.17000	172.01186				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			3.04000	105.34963	3.04000	220.84928				0.00	0	0
Total ABN63 SPOT										0.00	0	0
Total For ABN63										0.00	0	0
ABN67 On 28/02/2023 Spot Bond			9.50500	94.60984	9.50500	94.58598				0.00	0	0
Total ABN67 SPOT										0.00	0	0
Total For ABN67										0.00	0	0
ABN68 On 12/02/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN68 SPOT										0.00	0	0
Total For ABN68										0.00	0	0
ABN72 On 17/03/2018 Spot Bond				100.00000	0.00000	102.55017				0.00	0	0
Total ABN72 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 ABN72										0.00	0	0
ABN74 On 09/05/2018 Spot Bond				100.00000	0.00000	131.39500				0.00	0	0
Total ABN74 SPOT										0.00	0	0
Total For ABN74										0.00	0	0
ABN76 On 21/12/2026 Spot Bond			9.63000	105.14693	9.63000	105.11976				0.00	0	0
Total ABN76 SPOT										0.00	0	0
Total For ABN76										0.00	0	0
ABN79 On 21/12/2026 Spot Bond			9.92000	103.32364	9.92000	103.29616				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			8.71000	95.14538	8.71000	95.12322				0.00	0	0
Total ABN80 SPOT										0.00	0	0
Total For ABN80										0.00	0	0
ABN83 On 05/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN83 SPOT										0.00	0	0
Total For ABN83										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			10.46500	100.01117	10.46500	99.98314				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	100.02365				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	101.08976				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			8.77500	103.15676	8.77500	103.13269				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			8.83500	103.57107	8.83500	103.54661				0.00	0	620,000,000
Total ABS11 SPOT										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
Total For ABS11									0.00	0	620,000,000
ABS12 On 14/05/2020 Spot Bond			9.00500	101.40723	9.00500	101.38296			0.00	0	0
Total ABS12 SPOT									0.00	0	0
Total For ABS12									0.00	0	0
ABS12/ On 14/05/2020 Spot Bond			9.20000	100.91600	9.20000	100.89133			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			9.41500	101.80418	9.41500	101.77874			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			8.67500	102.65475	8.67500	102.63106			0.00	0	2,400,000,000
Total ABS14 SPOT									0.00	0	2,400,000,000
Total For ABS14									0.00	0	2,400,000,000
ABS15 On 11/11/2022 Spot Bond			9.18500	103.31492	9.18500	103.28970			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			9.97500	103.29459	9.97500	103.26727			0.00	0	0
Total ABS16 SPOT									0.00	0	0
Total For ABS16									0.00	0	0
ABS17 On 11/11/2027 Spot Bond			9.80000	106.33608	9.80000	106.30843			0.00	0	1,500,000,000
Total ABS17 SPOT									0.00	0	1,500,000,000
Total For ABS17									0.00	0	1,500,000,000
ABS18 On 26/09/2023 Spot Bond			9.45500	103.90422	9.45500	103.87814			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			8.61000	99.23262	8.61000	99.20978			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			10.01500	95.03003	10.01500	95.00480			0.00	0	3,860,000,000
Total ABS7 SPOT									0.00	0	3,860,000,000
Total For ABS7									0.00	0	3,860,000,000
ABS7/F On 11/09/2026 Spot Bond			100.00000	10.89996	100.00000	10.87597			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	273.37764	3.70000	273.29663			0.00	0	0
Total ABS12 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 ABSI2										0.00	0	0
ABSI4 On 31/01/2022 Spot Bond			2.94500	142.93482	2.94500	145.76556				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	0.04315	100.00000	0.04304				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	63.07536	100.00000	62.92256		60,000,000,000,000.00		600,000,000	300,000,000	
Total ACL02U SPOT								50,000,000,000,000.00		600,000,000	300,000,000	
Total For ACL02U								50,000,000,000,000.00		600,000,000	300,000,000	
ACL047 On 22/10/2018 Spot Bond			100.00000		0.00000	89.31491				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	103.63514				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	103.63514				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	103.65303				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	103.65303				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	103.61727				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	108.72900	10.00000	108.70100				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	99.82519				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	99.82022				0.00	0	0
Total ACL096 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 ACL096										0.00	0	0
ACL097 On 20/12/2025 Spot Bond				100.00000	0.00000	99.81826				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	99.82203				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	99.83081				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			9.02500	102.01189	9.02500	101.98716				0.00	0	0
Total ACL104 SPOT										0.00	0	0
Total For ACL104										0.00	0	0
ACL110 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL110 SPOT										0.00	0	0
Total For ACL110										0.00	0	0
ACL118 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL118 SPOT										0.00	0	0
Total For ACL118										0.00	0	0
ACL120 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL120 SPOT										0.00	0	0
Total For ACL120										0.00	0	0
ACL127 On 20/09/2021 Spot Bond				100.00000	0.00000	203.61042				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	203.64336				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	99.82693				0.00	0	0
Total ACL129 SPOT										0.00	0	0
Total For ACL129										0.00	0	0
ACL136 On 20/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL136 SPOT										0.00	0	0
Total For ACL136										0.00	0	0
ACL138 On 20/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL138 SPOT										0.00	0	0
Total For ACL138										0.00	0	0
ACL139 On 30/07/2017 Spot Bond				100.00000	0.00000	103.60771				0.00	0	0
Total ACL139 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 ACL139										0.00	0	0
ACL141 On 30/07/2017 Spot Bond				100.00000	0.00000	103.63368				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	108.72900	10.00000	108.70100				0.00	0	0
Total ACL142/JIBAR SPOT										0.00	0	0
Total For ACL142/JIBAR										0.00	0	0
ACL144 On 20/12/2021 Spot Bond				100.00000	0.00000	99.82639				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	102.35897	10.23000	102.33122				0.00	0	0
Total ACL161 SPOT										0.00	0	0
Total For ACL161										0.00	0	0
ACL165 On 20/06/2017 Spot Bond				100.00000	0.00000	104.63760				0.00	0	0
Total ACL165 SPOT										0.00	0	0
Total For ACL165										0.00	0	0
ACL167 On 20/06/2019 Spot Bond			9.49500	100.39032	9.49500	100.36473				0.00	0	0
Total ACL167 SPOT										0.00	0	0
Total For ACL167										0.00	0	0
ACL168 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83049				0.00	0	0
Total ACL168 SPOT										0.00	0	0
Total For ACL168										0.00	0	0
ACL169 On 20/06/2017 Spot Bond			1.75000	133.36192	1.75000	133.32937				0.00	0	0
Total ACL169 SPOT										0.00	0	0
Total For ACL169										0.00	0	0
ACL173 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83180				0.00	0	0
Total ACL173 SPOT										0.00	0	0
Total For ACL173										0.00	0	0
ACL174 On 20/06/2019 Spot Bond				100.00000	0.00000	99.82712				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	99.83648				0.00	0	0
Total ACL175 SPOT										0.00	0	0
Total For ACL175										0.00	0	0
ACL181 On 20/06/2017 Spot Bond				100.00000	0.00000	99.82338				0.00	0	0
Total ACL181 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 ACL181										0.00	0	0
ACL182 On 20/06/2017 Spot Bond				100.00000	0.00000	99.84549				0.00	0	0
Total ACL182 SPOT										0.00	0	0
Total For ACL182										0.00	0	0
ACL183 On 20/06/2019 Spot Bond				100.00000	0.00000	100.99924				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	99.91079				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	99.82787				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	99.82552				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	99.82307				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	99.82260				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	99.82260				0.00	0	0
Total ACL194 SPOT										0.00	0	0
Total For ACL194										0.00	0	0
ACL195 On 20/06/2017 Spot Bond				100.00000	0.00000	99.81216				0.00	0	0
Total ACL195 SPOT										0.00	0	0
Total For ACL195										0.00	0	0
ACL196 On 20/12/2017 Spot Bond				100.00000	0.00000	99.83081				0.00	0	0
Total ACL196 SPOT										0.00	0	0
Total For ACL196										0.00	0	0
ACL197 On 20/06/2017 Spot Bond				100.00000	0.00000	99.81366				0.00	0	0
Total ACL197 SPOT										0.00	0	0
Total For ACL197										0.00	0	0
ACL198 On 20/06/2017 Spot Bond				100.00000	0.00000	99.84493				0.00	0	0
Total ACL198 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 ACL198										0.00	0	0
ACL198 On 20/06/2017 Spot Bond				100.00000	0.00000	99.81216				0.00	0	0
Total ACL199 SPOT										0.00	0	0
Total For ACL199										0.00	0	0
ACL201 On 20/12/2022 Spot Bond				100.00000	0.00000	99.81943				0.00	0	0
Total ACL201 SPOT										0.00	0	0
Total For ACL201										0.00	0	0
ACL202 On 20/12/2022 Spot Bond				100.00000	0.00000	99.81943				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	143.40264				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	144.38283				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	99.84160				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	100.51480				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	99.83793				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	99.54877				0.00	0	0
Total ACL213 SPOT										0.00	0	0
Total For ACL213										0.00	0	0
ACL214 On 20/09/2020 Spot Bond				100.00000	0.00000	92.18984				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	99.83999				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	99.84020				0.00	0	0
Total ACL216 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 ACL216										0.00	0	0
ACL217 On 20/12/2023 Spot Bond				100.00000	0.00000	99.82865				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	100.87096				0.00	0	0
Total ACL218 SPOT										0.00	0	0
Total For ACL218										0.00	0	0
ACL219 On 26/01/2021 Spot Bond				100.00000	0.00000	101.27405				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	101.25587				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	99.82938				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	99.83220				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	99.67090				0.00	0	3,345,000,000
Total ADCB01 SPOT										0.00	0	3,345,000,000
Total For ADCB01										0.00	0	3,345,000,000
ADCB0 On 08/03/2018 Spot Bond			100.00000	56.80207	100.00000	56.66447				0.00	0	0
ADCB0 On 08/03/2018 Spot Bond			100.00000	56.80207	100.00000	56.66447				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	100.46742				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	100.21654				0.00	0	375,000,000
Total ADCB05 SPOT										0.00	0	375,000,000
Total For ADCB05										0.00	0	375,000,000
ADCB2 On 31/07/2018 Spot Bond			100.00000	43.23345	100.00000	43.12872				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	27.87850	100.00000	27.81096				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total AFS1U SPOT										0.00	0	0
Total For AFS1U										0.00	0	0
AFS2U On 02/07/2020 Spot Bond			100.00000	6.57523	100.00000	6.55912				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	101.40346				0.00	0	0
Total AHF2A2 SPOT										0.00	0	0
Total For AHF2A2										0.00	0	0
AHF2B: On 18/10/2018 Spot Bond				100.00000	0.00000	101.44907				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	101.60100				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	101.35786				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	101.37307				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	101.75288				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	101.67699				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	102.29823				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	102.07122				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	41.64538	100.00000	41.53798				0.00	0	0
Total AHL01U SPOT										0.00	0	0
Total For AHL01U										0.00	0	0
AHL1AI On 15/04/2020 Spot Bond			100.00000	16.61071	100.00000	16.56788				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	11.39540	100.00000	11.36504			260,960,925,200,000.00	2,609,609,252	2,609,609,252	
Total AHY2U SPOT									0,960,925,200,000.00	2,609,609,252	2,609,609,252	
Total For AHY2U									0,960,925,200,000.00	2,609,609,252	2,609,609,252	
AIG2U On 08/07/2026 Spot Bond			100.00000	9.28218	100.00000	9.25745			233,645,314,400,000.00	2,336,453,144	2,336,453,144	
Total AIG2U SPOT									13,645,314,400,000.00	2,336,453,144	2,336,453,144	
Total For AIG2U									13,645,314,400,000.00	2,336,453,144	2,336,453,144	
AIR01 On 15/03/2019 Spot Bond			8.86500	101.64500	8.86500	101.62105			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			10.05500	108.49099	10.05500	108.46191			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			9.24500	100.41917	9.24500	100.39451			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	12.92304	100.00000	12.89444			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			10.51500	96.82516	10.51500	96.79820			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			3.43000	174.74913	3.43000	174.69861			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	102.02229			0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	102.06562				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	101.07370				0.00	0	0
Total APF03 SPOT										0.00	0	0
Total For APF03										0.00	0	0
APF04 On 21/10/2021 Spot Bond				100.00000	0.00000	101.41366				0.00	0	0
Total APF04 SPOT										0.00	0	0
Total For APF04										0.00	0	0
AS116L On 15/01/2018 Spot Bond			100.00000	93.36828	100.00000	93.13428				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	61.69171	100.00000	61.54226				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	22.33662	100.00000	22.28251				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	22.33662	100.00000	22.28251				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	4.02354	100.00000	4.01785				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	0.11044	100.00000	0.11031				0.00	0	0
Total AS139U SPOT										0.00	0	0
Total For AS139U										0.00	0	0
AS167L On 04/10/2021 Spot Bond			100.00000	11.55693	100.00000	11.52893				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	19.15697	100.00000	19.11057				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	28.22036	100.00000	28.15199				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total AS180U SPOT										0.00	0	0
Total For AS180U										0.00	0	0
ASN001 On 06/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN008 SPOT										0.00	0	0
Total For ASN008										0.00	0	0
ASN010 On 04/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN010 SPOT										0.00	0	0
Total For ASN010										0.00	0	0
ASN011 On 20/03/2019 Spot Bond				100.00000	0.00000	99.83654				0.00	0	0
Total ASN011 SPOT										0.00	0	0
Total For ASN011										0.00	0	0
ASN012 On 20/06/2017 Spot Bond				100.00000	0.00000	105.81665				0.00	0	0
Total ASN012 SPOT										0.00	0	0
Total For ASN012										0.00	0	0
ASN014 On 20/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN014 SPOT										0.00	0	0
Total For ASN014										0.00	0	0
ASN020 On 09/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN020 SPOT										0.00	0	0
Total For ASN020										0.00	0	0
ASN022 On 07/12/2033 Spot Bond			3.29000	239.56276	3.29000	239.49438				0.00	0	0
Total ASN022 SPOT										0.00	0	0
Total For ASN022										0.00	0	0
ASN028 On 20/06/2019 Spot Bond				100.00000	0.00000	98.65217				0.00	0	0
Total ASN028 SPOT										0.00	0	0
Total For ASN028										0.00	0	0
ASN032 On 19/09/2017 Spot Bond				100.00000	0.00000	98.67625				0.00	0	0
Total ASN032 SPOT										0.00	0	0
Total For ASN032										0.00	0	0
ASN034 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
ASN036 On 10/11/2019 Spot Bond				100.00000	0.00000	100.86008				0.00	0	0
Total ASN036 SPOT										0.00	0	0
Total For ASN036										0.00	0	0
ASN038 On 07/12/2033 Spot Bond			3.30500	213.67024	3.30500	213.60921				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.39219				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	101.32144				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	101.21053				0.00	0	0
Total ASN059 SPOT										0.00	0	0
Total For ASN059										0.00	0	0
ASN06 On 30/04/2020 Spot Bond				100.00000	0.00000	101.08989				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	99.50970				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	100.29661				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	99.94610				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	100.91588				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN069 SPOT										0.00	0	0
Total For ASN069										0.00	0	0
ASN07(On 12/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN070 SPOT										0.00	0	0
Total For ASN070										0.00	0	0
ASN07(On 20/07/2018 Spot Bond				100.00000	0.00000	97.79621				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	99.80590				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	99.83439				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	100.02378				0.00	0	0
Total ASN081 SPOT										0.00	0	0
Total For ASN081										0.00	0	0
ASN08(On 17/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN082 SPOT										0.00	0	0
Total For ASN082										0.00	0	0
ASN08(On 20/06/2020 Spot Bond				100.00000	0.00000	99.43193				0.00	108,000,000	673,800,000
Total ASN083 SPOT										0.00	108,000,000	673,800,000
Total For ASN083										0.00	108,000,000	673,800,000
ASN08(On 03/09/2020 Spot Bond				100.00000	0.00000	100.22725				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	101.91024				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	124.64365				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ASN088 SPOT										0.00	0	0
Total For ASN088										0.00	0	0
ASN090 On 08/10/2018 Spot Bond				100.00000	0.00000	101.58469				0.00	0	0
Total ASN090 SPOT										0.00	0	0
Total For ASN090										0.00	0	0
ASN091 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
ASN092 On 21/10/2020 Spot Bond				100.00000	0.00000	101.37056				0.00	0	0
Total ASN092 SPOT										0.00	0	0
Total For ASN092										0.00	0	0
ASN093 On 29/10/2018 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
ASN095 On 10/11/2020 Spot Bond				100.00000	0.00000	100.88324				0.00	0	0
Total ASN096 SPOT										0.00	0	0
Total For ASN096										0.00	0	0
ASN097 On 20/12/2020 Spot Bond				100.00000	0.00000	72.53312				0.00	0	0
Total ASN099 SPOT										0.00	0	0
Total For ASN099										0.00	0	0
ASN110 On 02/12/2020 Spot Bond				100.00000	0.00000	100.28591				0.00	0	0
Total ASN111 SPOT										0.00	0	0
Total For ASN111										0.00	0	0
ASN112 On 20/12/2017 Spot Bond				100.00000	0.00000	99.82987				0.00	0	0
Total ASN112 SPOT										0.00	0	0
Total For ASN112										0.00	0	0
ASN113 On 08/03/2021 Spot Bond				100.00000	0.00000	100.15237				0.00	0	0
Total ASN113 SPOT										0.00	0	0
Total For ASN113										0.00	0	0
ASN114 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
ASN115 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
ASN116 On 27/01/2018 Spot Bond				100.00000	0.00000	101.13963				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	99.78176				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	99.83326				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	100.52108				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	100.52487				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	100.51304				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	100.20592				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	100.20431				0.00	0	0
Total ASN132 SPOT										0.00	0	0
Total For ASN132										0.00	0	0
ASN13 On 20/12/2020 Spot Bond				100.00000	0.00000	99.78364				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	85.25000				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	141.34127	3.67500	141.29932				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	85.25000				0.00	0	0
Total ASN141 SPOT										0.00	0	0
Total For ASN141										0.00	0	0
ASN14 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83461				0.00	0	0
Total ASN142 SPOT										0.00	0	0
Total For ASN142										0.00	0	0
ASN14 On 20/06/2020 Spot Bond				100.00000	0.00000	102.19452				0.00	620,000,000	310,000,000
Total ASN143 SPOT										0.00	620,000,000	310,000,000
Total For ASN143										0.00	620,000,000	310,000,000
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	101.03400				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	101.03400				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	141.07128	3.72000	141.02925				0.00	0	0
Total ASN149 SPOT										0.00	0	0
Total For ASN149										0.00	0	0
ASN15 On 31/05/2021 Spot Bond				100.00000	0.00000	108.31111				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	100.29184				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			4.07000	90.43064	4.07000	158.36482				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.95504				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	100.64958				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	99.81938				0.00	0	0
Total ASN165 SPOT										0.00	0	0
Total For ASN165										0.00	0	0
ASN17: On 22/11/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN172 SPOT										0.00	0	0
Total For ASN172										0.00	0	0
ASN17: On 02/12/2019 Spot Bond				100.00000	0.00000	100.27422				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	99.80972				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	101.42753				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	100.17904				0.00	0	0
Total ASN189 SPOT										0.00	0	0
Total For ASN189										0.00	0	0
ASN38 On 20/12/2017 Spot Bond			100.00000	65.89318	100.00000	65.73355				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	65.92865	100.00000	65.76894				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	65.76900	100.00000	65.60967				0.00	0	0
Total ASN40U SPOT										0.00	0	0
Total For ASN40U										0.00	0	0
ASN50 On 16/03/2018 Spot Bond			100.00000	66.38009	100.00000	66.21928				0.00	0	0
Total ASN50U SPOT										0.00	0	0
Total For ASN50U										0.00	0	0
ASN75 On 20/09/2020 Spot Bond			100.00000	6.77267	100.00000	6.75626				0.00	0	0
Total ASN75U SPOT										0.00	0	0
Total For ASN75U										0.00	0	0
ASN89 On 02/10/2018 Spot Bond			100.00000	45.75137	100.00000	45.63932				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	100.02166				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			8.86500	103.07880	8.86500	103.05438				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	99.93273				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAW17 SPOT										0.00	0	0
Total For BAW17										0.00	0	0
BAW17 On 05/12/2018 Spot Bond			100.00000	39.52991	100.00000	39.43414				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	99.98999				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			9.41500	100.65145	9.41500	100.62614				0.00	0	1,000,000,000
Total BAW19 SPOT										0.00	0	1,000,000,000
Total For BAW19										0.00	0	1,000,000,000
BAW21 On 24/03/2022 Spot Bond			9.61500	100.84113	9.61500	100.81541				0.00	0	0
Total BAW21 SPOT										0.00	0	0
Total For BAW21										0.00	0	0
BAW21 On 24/03/2022 Spot Bond			9.30000	102.02616	9.30000	102.00097				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	99.93902				0.00	0	0
Total BAW22 SPOT										0.00	0	0
Total For BAW22										0.00	0	0
BAW23 On 15/10/2017 Spot Bond			100.00000	92.15190	100.00000	91.91919				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	102.41590				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	100.89078				0.00	776,000,000	388,000,000
Total BAW25 SPOT										0.00	776,000,000	388,000,000
Total For BAW25										0.00	776,000,000	388,000,000
BAW26 On 11/05/2021 Spot Bond			100.00000	15.62303	100.00000	15.57425				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	13.67982	100.00000	13.63711				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	100.18144				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAW28 SPOT										0.00	0	0
Total For BAW28										0.00	0	0
BAW3 On 02/10/2017 Spot Bond				100.00000	0.00000	102.38093				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			9.22500	102.13063	9.22500	102.10552				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			12.04961	102.28092	12.04961	102.23705				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			11.96207	102.09217	11.96207	102.05849				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			9.47500	102.34741	9.47500	102.32095				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
Total For BAYA25										0.00	0	0
BAYA26 On 30/09/2017 Spot Bond			11.92500	99.47856	11.92500	101.58453				0.00	0	0
Total BAYA26 SPOT										0.00	0	0
Total For BAYA26										0.00	0	0
BAYA27 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
BAYA31 On 31/12/2018 Spot Bond				100.00000	0.00000	102.37276				0.00	0	0
Total BAYA31 SPOT										0.00	0	0
Total For BAYA31										0.00	0	0
BAYA32 On 31/03/2018 Spot Bond			11.36500	94.16188	11.36500	103.35792				0.00	0	0
Total BAYA32 SPOT										0.00	0	0
Total For BAYA32										0.00	0	0
BAYA33 On 31/03/2018 Spot Bond				100.00000	0.00000	102.31193				0.00	0	0
Total BAYA33 SPOT										0.00	0	0
Total For BAYA33										0.00	0	0
BAYA34 On 31/03/2018 Spot Bond				100.00000	0.00000	102.36229				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.70816				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	101.33644				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	102.36263				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	102.36274				0.00	0	0
Total BAYA45 SPOT										0.00	0	0
Total For BAYA45										0.00	0	0
BAYA45 On 31/03/2019 Spot Bond				100.00000	0.00000	102.51281				0.00	0	0
Total BAYA51 SPOT										0.00	0	0
Total For BAYA51										0.00	0	0
BAYA51 On 31/03/2019 Spot Bond				100.00000	0.00000	102.53400				0.00	0	0
Total BAYA52 SPOT										0.00	0	0
Total For BAYA52										0.00	0	0
BAYA52 On 30/09/2017 Spot Bond				100.00000	0.00000	102.00972				0.00	0	0
Total BAYA53 SPOT										0.00	0	0
Total For BAYA53										0.00	0	0
BAYA53 On 30/09/2019 Spot Bond				100.00000	0.00000	102.53413				0.00	0	0
Total BAYA54 SPOT										0.00	0	0
Total For BAYA54										0.00	0	0
BAYA54 On 31/03/2018 Spot Bond				100.00000	0.00000	102.31306				0.00	0	0
Total BAYA55 SPOT										0.00	0	0
Total For BAYA55										0.00	0	0
BAYA55 On 31/03/2020 Spot Bond				100.00000	0.00000	102.31617				0.00	898,200,000	449,100,000

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 BAYA56 SPOT										0.00	898,200,000	449,100,000
Total For BAYA56										0.00	898,200,000	449,100,000
BAYA57 On 31/03/2022 Spot Bond				100.00000	0.00000	102.50947				0.00	0	0
Total BAYA57 SPOT										0.00	0	0
Total For BAYA57										0.00	0	0
BAYB05 On 30/06/2019 Spot Bond				100.00000	0.00000	103.01728				0.00	0	0
Total BAYB05 SPOT										0.00	0	0
Total For BAYB05										0.00	0	0
BAYB06 On 31/12/2019 Spot Bond				100.00000	0.00000	103.01709				0.00	0	0
Total BAYB06 SPOT										0.00	0	0
Total For BAYB06										0.00	0	0
BAYB07 On 31/03/2020 Spot Bond				100.00000	0.00000	103.01718				0.00	0	0
Total BAYB07 SPOT										0.00	0	0
Total For BAYB07										0.00	0	0
BAYB08 On 30/09/2020 Spot Bond				100.00000	0.00000	108.41160				0.00	0	0
Total BAYB08 SPOT										0.00	0	0
Total For BAYB08										0.00	0	0
BAYB09 On 30/09/2018 Spot Bond				100.00000	0.00000	102.66477				0.00	0	0
Total BAYB09 SPOT										0.00	0	0
Total For BAYB09										0.00	0	0
BAYD11 On 30/06/2035 Spot Bond			100.00000	22.46365	100.00000	22.40864				0.00	0	0
Total BAYD11 SPOT										0.00	0	0
Total For BAYD11										0.00	0	0
BAYD21 On 30/06/2035 Spot Bond			100.00000	20.44445	100.00000	20.39437				0.00	0	0
Total BAYD21 SPOT										0.00	0	0
Total For BAYD21										0.00	0	0
BAYD31 On 30/06/2035 Spot Bond			100.00000	12.62003	100.00000	12.58913				0.00	0	0
Total BAYD31 SPOT										0.00	0	0
Total For BAYD31										0.00	0	0
BAYD41 On 30/06/2035 Spot Bond			100.00000	12.62541	100.00000	12.59483				0.00	0	0
Total BAYD41 SPOT										0.00	0	0
Total For BAYD41										0.00	0	0
BAYD51 On 30/06/2035 Spot Bond			100.00000	15.25822	100.00000	15.22085				0.00	0	0
Total BAYD51 SPOT										0.00	0	0
Total For BAYD51										0.00	0	0
BAYD61 On 30/06/2035 Spot Bond			100.00000	13.22098	100.00000	13.18861				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BAYD6U SPOT										0.00	0	0
Total For BAYD6U										0.00	0	0
BC120L On 02/08/2017 Spot Bond			100.00000	88.16425	100.00000	87.95181				0.00	0	0
Total BC120U SPOT										0.00	0	0
Total For BC120U										0.00	0	0
BC121L On 24/11/2017 Spot Bond			100.00000	71.99763	100.00000	71.86153				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	101.54867				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	101.15007				0.00	200,000,000	100,000,000
Total BCJ09 SPOT										0.00	200,000,000	100,000,000
Total For BCJ09										0.00	200,000,000	100,000,000
BCJ10 On 12/07/2017 Spot Bond				100.00000	0.00000	101.51920				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	100.68853				0.00	0	0
Total BCJ11 SPOT										0.00	0	0
Total For BCJ11										0.00	0	0
BCJ12 On 23/03/2018 Spot Bond			8.65000	101.94430	8.65000	101.90485				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	101.24852				0.00	1,910,800,000	955,400,000
Total BCJ13 SPOT										0.00	1,910,800,000	955,400,000
Total For BCJ13										0.00	1,910,800,000	955,400,000
BCP3U On 30/06/2019 Spot Bond			100.00000	22.16828	100.00000	22.11457				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	22.16828	100.00000	22.11457				0.00	0	0
Total BCP4U SPOT										0.00	0	0
Total For BCP4U										0.00	0	0
BD020€ On 28/04/2028 Spot Bond			8.53500	92.30651	8.53500	180.96912				0.00	0	0
Total BD0205 SPOT										0.00	0	0
Total For BD0205										0.00	0	0
BD020€ On 02/03/2028 Spot Bond			8.53500	93.60154	8.53500	181.45809				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BD0206 SPOT										0.00	0	0
Total For BD0206										0.00	0	0
BD0302 On 18/04/2028 Spot Bond			8.92000	95.75822	8.92000	95.73539				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			8.01500	100.82630	8.01500	100.80477				0.00	0	0
Total BEER02 SPOT										0.00	0	0
Total For BEER02										0.00	0	0
BG1A7U On 21/11/2032 Spot Bond			100.00000	9.05412	100.00000	9.03218				0.00	0	0
Total BG1A7U SPOT										0.00	0	0
Total For BG1A7U										0.00	0	0
BG1A8U On 21/11/2032 Spot Bond			100.00000	7.83519	100.00000	7.81621				0.00	0	0
Total BG1A8U SPOT										0.00	0	0
Total For BG1A8U										0.00	0	0
BG1B2U On 23/11/2032 Spot Bond			100.00000	7.83519	100.00000	7.81621				0.00	0	0
Total BG1B2U SPOT										0.00	0	0
Total For BG1B2U										0.00	0	0
BG1C2U On 21/11/2032 Spot Bond			100.00000	8.31216	100.00000	8.29202				0.00	0	0
Total BG1C2U SPOT										0.00	0	0
Total For BG1C2U										0.00	0	0
BG1D2U On 21/11/2032 Spot Bond			100.00000	0.00013	100.00000	0.00013				0.00	0	0
Total BG1D2U SPOT										0.00	0	0
Total For BG1D2U										0.00	0	0
BG1E2U On 21/11/2032 Spot Bond			100.00000	11.12099	100.00000	11.09406				0.00	0	0
Total BG1E2U SPOT										0.00	0	0
Total For BG1E2U										0.00	0	0
BG1F2U On 21/11/2032 Spot Bond			100.00000	15.36075	100.00000	15.32353				0.00	0	0
Total BG1F2U SPOT										0.00	0	0
Total For BG1F2U										0.00	0	0
BG42C On 15/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG42C SPOT										0.00	0	0
Total For BG42C										0.00	0	0
BGL01 On 19/11/2024 Spot Bond				100.00000	0.00000	101.87252				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total BGL01 SPOT									0.00	0	0
Total For BGL01									0.00	0	0
BGL02 On 19/11/2019 Spot Bond			10.37500	101.71494	10.37500	101.68698			0.00	0	0
Total BGL02 SPOT									0.00	0	0
Total For BGL02									0.00	0	0
BGL03 On 05/02/2025 Spot Bond				100.00000	0.00000	103.32115			0.00	3,400,000,000	1,796,500,000
Total BGL03 SPOT									0.00	3,400,000,000	1,796,500,000
Total For BGL03									0.00	3,400,000,000	1,796,500,000
BGL04 On 05/02/2025 Spot Bond			10.42500	101.61227	10.42500	102.67882			0.00	0	0
Total BGL04 SPOT									0.00	0	0
Total For BGL04									0.00	0	0
BGL05 On 04/09/2020 Spot Bond			10.93500	104.25481	10.93500	104.22466			0.00	0	0
Total BGL05 SPOT									0.00	0	0
Total For BGL05									0.00	0	0
BGL06 On 04/09/2025 Spot Bond				100.00000	0.00000	101.46441			0.00	1,800,000,000	5,900,000,000
Total BGL06 SPOT									0.00	1,800,000,000	5,900,000,000
Total For BGL06									0.00	1,800,000,000	5,900,000,000
BGL07 On 03/09/2022 Spot Bond			11.52500	104.35982	11.52500	104.32806			0.00	0	0
Total BGL07 SPOT									0.00	0	0
Total For BGL07									0.00	0	0
BGL08 On 03/09/2027 Spot Bond				100.00000	0.00000	100.23984			0.00	0	0
Total BGL08 SPOT									0.00	0	0
Total For BGL08									0.00	0	0
BGL09 On 29/09/2020 Spot Bond			10.93500	103.60530	10.93500	103.57533			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	101.19399			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			11.31500	106.32150	11.31500	104.72384			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	102.36555			0.00	0	0
Total BGL12 SPOT									0.00	0	0
Total For BGL12									0.00	0	0
BGL13 On 20/08/2021 Spot Bond			11.35500	104.91415	11.35500	104.88215			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.25645				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	99.82697				0.00	0	0
Total BGL15 SPOT										0.00	0	0
Total For BGL15										0.00	0	0
BGL16 On 25/05/2022 Spot Bond				100.00000	0.00000	100.61939				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	102.51712				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	100.55115				0.00	18,600,000	27,200,000
Total BID04 SPOT										0.00	18,600,000	27,200,000
Total For BID04										0.00	18,600,000	27,200,000
BID05 On 26/06/2019 Spot Bond				100.00000	0.00000	100.94159				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			8.76500	104.19575	8.76500	104.17120				0.00	0	2,200,000,000
Total BID06 SPOT										0.00	0	2,200,000,000
Total For BID06										0.00	0	2,200,000,000
BLG1A6 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
BPPF01 On 22/03/2018 Spot Bond				100.00000	0.00000	99.80751				0.00	0	0
Total BPPF01 SPOT										0.00	0	0
Total For BPPF01										0.00	0	0
BPPF02 On 22/03/2020 Spot Bond				100.00000	0.00000	99.79048				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	101.24544				0.00	0	0
Total BSR17 SPOT										0.00	0	0
Total For BSR17										0.00	0	0
BTC17 On 14/06/2017 Spot Bond				100.00000	0.00000	102.69684				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total BTC170 SPOT										0.00	0	0
Total For BTC170										0.00	0	0
BTC170 On 30/06/2017 Spot Bond				100.00000	0.00000	99.64214				0.00	0	0
Total BTC171 SPOT										0.00	0	0
Total For BTC171										0.00	0	0
BTC171 On 07/07/2017 Spot Bond				100.00000	0.00000	99.49280				0.00	0	0
Total BTC173 SPOT										0.00	0	0
Total For BTC173										0.00	0	0
BTC173 On 12/07/2017 Spot Bond				100.00000	0.00000	99.38919				0.00	0	0
Total BTC174 SPOT										0.00	0	0
Total For BTC174										0.00	0	0
BTC174 On 07/08/2017 Spot Bond				100.00000	0.00000	98.84447				0.00	0	0
Total BTC175 SPOT										0.00	0	0
Total For BTC175										0.00	0	0
BTC175 On 07/08/2017 Spot Bond				100.00000	0.00000	98.84244				0.00	0	0
Total BTC176 SPOT										0.00	0	0
Total For BTC176										0.00	0	0
BTC176 On 17/08/2017 Spot Bond				100.00000	0.00000	98.63398				0.00	0	0
Total BTC177 SPOT										0.00	0	0
Total For BTC177										0.00	0	0
BTC177 On 22/08/2017 Spot Bond				100.00000	0.00000	98.53259				0.00	0	0
Total BTC178 SPOT										0.00	0	0
Total For BTC178										0.00	0	0
BTC178 On 31/08/2017 Spot Bond				100.00000	0.00000	98.34253				0.00	0	0
Total BTC179 SPOT										0.00	0	0
Total For BTC179										0.00	0	0
BTC179 On 05/09/2017 Spot Bond				100.00000	0.00000	98.23822				0.00	8,500,000,000	8,500,000,000
Total BTC180 SPOT										0.00	8,500,000,000	8,500,000,000
Total For BTC180										0.00	8,500,000,000	8,500,000,000
BTC180 On 11/09/2017 Spot Bond				100.00000	0.00000	98.11628				0.00	0	600,000,000
Total BTC181 SPOT										0.00	0	600,000,000
Total For BTC181										0.00	0	600,000,000
BWZ18 On 27/03/2018 Spot Bond				100.00000	0.00000	101.97027				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	102.03405				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.63617				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	100.88782				0.00	580,000,000	290,000,000
Total BWZJ19 SPOT										0.00	580,000,000	290,000,000
Total For BWZJ19										0.00	580,000,000	290,000,000
BWZJ2 On 10/11/2021 Spot Bond				100.00000	0.00000	100.91071				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	13.46784	100.00000	13.43486				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	13.46784	100.00000	13.43486				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	13.50300	100.00000	13.46993				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	13.50300	100.00000	13.46993				0.00	0	0
Total BX164U SPOT										0.00	0	0
Total For BX164U										0.00	0	0
BYA49L On 30/06/2018 Spot Bond			100.00000	47.55203	100.00000	47.43556				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	20.74968	100.00000	20.69887				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			15.06500	98.96329	15.06500	98.92424				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	102.48498				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			12.86500	102.32572	12.86500	102.29048				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.19117				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			12.36500	100.90993	12.36500	100.87649				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	99.41052				0.00	0	307,500,000
Total CBL20 SPOT										0.00	0	307,500,000
Total For CBL20										0.00	0	307,500,000
CBL22 On 06/05/2020 Spot Bond			9.63500	98.07588	9.63500	98.05080				0.00	0	0
Total CBL22 SPOT										0.00	0	0
Total For CBL22										0.00	0	0
CBL23 On 18/05/2018 Spot Bond				100.00000	0.00000	100.70840				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	101.15701				0.00	1,000,000,000	630,000,000
Total CBL24 SPOT										0.00	1,000,000,000	630,000,000
Total For CBL24										0.00	1,000,000,000	630,000,000
CBL25 On 06/05/2019 Spot Bond				100.00000	0.00000	100.92930				0.00	0	0
Total CBL25 SPOT										0.00	0	0
Total For CBL25										0.00	0	0
CBL26 On 06/05/2021 Spot Bond			9.93500	104.87428	9.93500	104.84665				0.00	0	0
Total CBL26 SPOT										0.00	0	0
Total For CBL26										0.00	0	0
CBL27 On 12/05/2020 Spot Bond				100.00000	0.00000	100.83085				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			10.34000	109.51512	10.34000	109.48480				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			10.34000	106.30089	10.34000	106.27162				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			10.41500	106.62166	10.41500	106.59224				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	102.74153				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	108.72940	10.00000	108.70110				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	101.67869				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	99.74839				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	101.52431				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	56.55332	100.00000	56.41632				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	57.12335	100.00000	56.98497				0.00	0	0
Total CGR19U SPOT										0.00	0	0
Total For CGR19U										0.00	0	0
CGR20 On 03/07/2018 Spot Bond			100.00000	46.59547	100.00000	46.48136				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	102.02413				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	101.12872				0.00	0	630,000,000
Total CGR23 SPOT										0.00	0	630,000,000
Total For CGR23										0.00	0	630,000,000
CGR24 On 08/02/2021 Spot Bond				100.00000	0.00000	102.69979				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	102.42783				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.93826				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	100.59476				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	100.90570				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	101.16230				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	102.06058				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	102.13079				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	102.21160				0.00	0	0
Total CIG05 SPOT										0.00	0	0
Total For CIG05										0.00	0	0
CIG06 On 28/08/2018 Spot Bond				100.00000	0.00000	100.43035				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	102.08507				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	29.61637	100.00000	29.54462				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	101.20383				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	101.23436				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.28317				0.00	0	0
Total CIG12 SPOT										0.00	0	0
Total For CIG12										0.00	0	0
CLA1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA1U SPOT										0.00	0	0
Total For CLA1U										0.00	0	0
CLA2U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA2U SPOT										0.00	0	0
Total For CLA2U										0.00	0	0
CLA3U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA3U SPOT										0.00	0	0
Total For CLA3U										0.00	0	0
CLB1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLB1U SPOT										0.00	0	0
Total For CLB1U										0.00	0	0
CLC1U On 21/12/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLC1U SPOT										0.00	0	0
Total For CLC1U										0.00	0	0
CLN184 On 01/07/2021 Spot Bond			10.11000	104.56955	10.11000	104.54106				0.00	0	0
Total CLN184 SPOT										0.00	0	0
Total For CLN184										0.00	0	0
CLN193 On 29/08/2021 Spot Bond			3.14000	137.34627	3.14000	139.44683				0.00	0	0
Total CLN193 SPOT										0.00	0	0
Total For CLN193										0.00	0	0
CLN198 On 13/09/2021 Spot Bond			3.64500	142.53110	3.64500	136.02347				0.00	0	0
Total CLN198 SPOT										0.00	0	0
Total For CLN198										0.00	0	0
CLN230 On 25/11/2020 Spot Bond			10.00000	108.72900	10.00000	108.70100				0.00	0	0
Total CLN230/JIBAR SPOT										0.00	0	0
Total For CLN230/JIBAR										0.00	0	0
CLN231 On 25/11/2020 Spot Bond			10.00000	108.72900	10.00000	108.70100				0.00	0	0
Total CLN231/JIBAR SPOT										0.00	0	0
Total For CLN231/JIBAR										0.00	0	0
CLN241 On 24/02/2019 Spot Bond			13.50000	96.69499	13.50000	96.66010				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN242 SPOT										0.00	0	0
Total For CLN242										0.00	0	0
CLN242 On 24/02/2019 Spot Bond			9.35000	102.81566	9.35000	102.78971				0.00	0	0
Total CLN243 SPOT										0.00	0	0
Total For CLN243										0.00	0	0
CLN262 On 26/03/2019 Spot Bond			9.29500	102.64199	9.29500	102.61665				0.00	0	0
Total CLN262 SPOT										0.00	0	0
Total For CLN262										0.00	0	0
CLN269 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83405				0.00	0	0
Total CLN269 SPOT										0.00	0	0
Total For CLN269										0.00	0	0
CLN272 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83705				0.00	0	0
Total CLN272 SPOT										0.00	0	0
Total For CLN272										0.00	0	0
CLN273 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83461				0.00	0	0
Total CLN273 SPOT										0.00	0	0
Total For CLN273										0.00	0	0
CLN274 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83649				0.00	0	0
Total CLN274 SPOT										0.00	0	0
Total For CLN274										0.00	0	0
CLN278 On 20/06/2017 Spot Bond				100.00000	0.00000	99.83892				0.00	0	0
Total CLN278 SPOT										0.00	0	0
Total For CLN278										0.00	0	0
CLN288 On 10/08/2017 Spot Bond				100.00000	0.00000	100.89480				0.00	0	0
Total CLN288 SPOT										0.00	0	0
Total For CLN288										0.00	0	0
CLN289 On 30/08/2017 Spot Bond				100.00000	0.00000	100.40133				0.00	0	0
Total CLN289 SPOT										0.00	0	0
Total For CLN289										0.00	0	0
CLN290 On 26/06/2017 Spot Bond				100.00000	0.00000	102.20769				0.00	0	0
Total CLN290 SPOT										0.00	0	0
Total For CLN290										0.00	0	0
CLN291 On 26/06/2017 Spot Bond				100.00000	0.00000	102.20414				0.00	0	0
Total CLN291 SPOT										0.00	0	0
Total For CLN291										0.00	0	0
CLN292 On 26/06/2017 Spot Bond				100.00000	0.00000	102.24873				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN292 SPOT										0.00	0	0
Total For CLN292										0.00	0	0
CLN292 On 25/11/2020 Spot Bond			10.00000	108.72900	10.00000	108.70100				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	102.07751				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	102.18285				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	102.11225				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	99.81264				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	102.10133				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	102.11619				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	102.11481				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	154.78922				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	100.06566				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	155.36166				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	154.09803				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN304 SPOT										0.00	0	0
Total For CLN304										0.00	0	0
CLN304 On 20/12/2017 Spot Bond				100.00000	0.00000	154.94219				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	100.81106				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			10.78500	95.77799	10.78500	95.75065				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			11.30500	97.16688	11.30500	97.13784				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	102.03300				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	99.80981				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	100.79546				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	101.29425				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	101.18091				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	101.04582	8.80500	101.03558				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	101.30509				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	100.00000				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 CLN324 SPOT										0.00	0	0
Total For CLN324										0.00	0	0
CLN324 On 20/06/2018 Spot Bond				100.00000	0.00000	99.82394				0.00	0	0
Total CLN325 SPOT										0.00	0	0
Total For CLN325										0.00	0	0
CLN325 On 20/06/2018 Spot Bond				100.00000	0.00000	99.82113				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	99.81010				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	99.99712				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	99.80469				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	102.03300				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	133.42329				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	101.21569				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	100.56966				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	102.04323				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	99.79692				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	99.84020				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	98.89664				0.00	0	0
Total CLN345 SPOT										0.00	0	0
Total For CLN345										0.00	0	0
CLN345 On 28/07/2017 Spot Bond				100.00000	0.00000	101.20572				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	101.99209				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	101.14201				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN350 On 28/05/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN353 SPOT										0.00	0	0
Total For CLN353										0.00	0	0
CLN353 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	101.10136				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	101.28747				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	99.84440				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			9.96500	105.26386	9.96500	105.23605				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	99.83158				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	101.09063				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN364 SPOT										0.00	0	0
Total For CLN364										0.00	0	0
CLN364 On 20/03/2024 Spot Bond			12.10500	106.95089	12.10500	106.91674				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	101.12940				0.00	0	0
Total CLN366 SPOT										0.00	0	0
Total For CLN366										0.00	0	0
CLN366 On 06/08/2023 Spot Bond			12.13500	106.94261	12.13500	106.90782				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	108.43706	10.02000	108.40777				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	99.38848				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	101.30147				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	81.84288				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	99.83390				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	99.83070				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	99.83086				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	102.10867				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			9.33500	103.97867	9.33500	103.95290				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0
CLN377 On 30/06/2017 Spot Bond				100.00000	0.00000	101.81012				0.00	0	0
Total CLN377 SPOT										0.00	0	0
Total For CLN377										0.00	0	0
CLN378 On 20/06/2019 Spot Bond				100.00000	0.00000	96.18789				0.00	0	0
Total CLN378 SPOT										0.00	0	0
Total For CLN378										0.00	0	0
CLN379 On 20/03/2024 Spot Bond			10.98000	100.41422	10.98000	100.38506				0.00	0	0
Total CLN379 SPOT										0.00	0	0
Total For CLN379										0.00	0	0
CLN380 On 20/09/2024 Spot Bond			11.00000	102.53402	11.00000	102.50419				0.00	0	0
Total CLN380 SPOT										0.00	0	0
Total For CLN380										0.00	0	0
CLN381 On 20/03/2021 Spot Bond				100.00000	0.00000	99.81171				0.00	0	0
Total CLN382 SPOT										0.00	0	0
Total For CLN382										0.00	0	0
CLN383 On 22/07/2017 Spot Bond				100.00000	0.00000	101.22645				0.00	0	0
Total CLN383 SPOT										0.00	0	0
Total For CLN383										0.00	0	0
CLN384 On 20/09/2024 Spot Bond			11.89500	103.43794	11.89500	103.40546				0.00	0	0
Total CLN384 SPOT										0.00	0	0
Total For CLN384										0.00	0	0
CLN385 On 20/09/2024 Spot Bond				100.00000	0.00000	99.79528				0.00	0	0
Total CLN385 SPOT										0.00	0	0
Total For CLN385										0.00	0	0
CLN386 On 20/03/2021 Spot Bond				100.00000	0.00000	99.83057				0.00	0	0
Total CLN386 SPOT										0.00	0	0
Total For CLN386										0.00	0	0
CLN387 On 26/01/2021 Spot Bond				100.00000	0.00000	101.37271				0.00	0	0
Total CLN387 SPOT										0.00	0	0
Total For CLN387										0.00	0	0
CLN388 On 20/09/2019 Spot Bond				100.00000	0.00000	99.82048				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN389 On 06/08/2023 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 CLN389 SPOT										0.00	0	0
Total For CLN389										0.00	0	0
CLN393 On 20/12/2019 Spot Bond				100.00000	0.00000	86.30848				0.00	0	0
Total CLN393 SPOT										0.00	0	0
Total For CLN393										0.00	0	0
CLN394 On 20/09/2022 Spot Bond				100.00000	0.00000	99.82975				0.00	0	0
Total CLN394 SPOT										0.00	0	0
Total For CLN394										0.00	0	0
CLN395 On 02/03/2018 Spot Bond				100.00000	0.00000	100.26990				0.00	0	0
Total CLN395 SPOT										0.00	0	0
Total For CLN395										0.00	0	0
CLN396 On 20/03/2020 Spot Bond				100.00000	0.00000	99.81679				0.00	0	0
Total CLN396 SPOT										0.00	0	0
Total For CLN396										0.00	0	0
CLN397 On 20/06/2020 Spot Bond				100.00000	0.00000	100.27121				0.00	0	0
Total CLN397 SPOT										0.00	0	0
Total For CLN397										0.00	0	0
CLN398 On 14/11/2022 Spot Bond				100.00000	0.00000	100.77049				0.00	0	0
Total CLN398 SPOT										0.00	0	0
Total For CLN398										0.00	0	0
CLN399 On 14/11/2022 Spot Bond				100.00000	0.00000	100.76658				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	99.82965				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN401 On 20/06/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN401 SPOT										0.00	0	0
Total For CLN401										0.00	0	0
CLN402 On 30/06/2017 Spot Bond				100.00000	0.00000	101.93954				0.00	0	0
Total CLN402 SPOT										0.00	0	0
Total For CLN402										0.00	0	0
CLN403 On 30/06/2017 Spot Bond				100.00000	0.00000	101.91026				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	100.69188				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN404 SPOT										0.00	0	0
Total For CLN404										0.00	0	0
CLN404 On 20/06/2020 Spot Bond				100.00000	0.00000	98.25758				0.00	0	0
Total CLN406 SPOT										0.00	0	0
Total For CLN406										0.00	0	0
CLN406 On 20/06/2020 Spot Bond				100.00000	0.00000	99.82871				0.00	0	0
Total CLN407 SPOT										0.00	0	0
Total For CLN407										0.00	0	0
CLN407 On 18/07/2020 Spot Bond				100.00000	0.00000	101.67652				0.00	0	0
Total CLN409 SPOT										0.00	0	0
Total For CLN409										0.00	0	0
CLN409 On 20/09/2020 Spot Bond				100.00000	0.00000	99.81177				0.00	0	0
Total CLN410 SPOT										0.00	0	0
Total For CLN410										0.00	0	0
CLN410 On 20/09/2020 Spot Bond				100.00000	0.00000	99.81083				0.00	0	0
Total CLN411 SPOT										0.00	0	0
Total For CLN411										0.00	0	0
CLN411 On 18/07/2020 Spot Bond				100.00000	0.00000	101.68411				0.00	0	0
Total CLN412 SPOT										0.00	0	0
Total For CLN412										0.00	0	0
CLN412 On 20/09/2020 Spot Bond				100.00000	0.00000	99.81366				0.00	0	0
Total CLN413 SPOT										0.00	0	0
Total For CLN413										0.00	0	0
CLN413 On 20/09/2020 Spot Bond				100.00000	0.00000	99.77796				0.00	0	2,500,000,000
Total CLN414 SPOT										0.00	0	2,500,000,000
Total For CLN414										0.00	0	2,500,000,000
CLN414 On 20/09/2020 Spot Bond				100.00000	0.00000	99.80425				0.00	0	0
Total CLN415 SPOT										0.00	0	0
Total For CLN415										0.00	0	0
CLN415 On 18/07/2020 Spot Bond				100.00000	0.00000	101.78265				0.00	0	0
Total CLN416 SPOT										0.00	0	0
Total For CLN416										0.00	0	0
CLN416 On 20/09/2020 Spot Bond			4.00000	100.92986	4.00000	112.57574				0.00	0	0
Total CLN417 SPOT										0.00	0	0
Total For CLN417										0.00	0	0
CLN417 On 23/09/2020 Spot Bond				100.00000	0.00000	99.71994				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN418 SPOT										0.00	0	0
Total For CLN418										0.00	0	0
CLN418 On 20/12/2020 Spot Bond				100.00000	0.00000	99.79489				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN42 On 18/04/2028 Spot Bond			7.01000	47.37081	7.01000	47.95638				0.00	0	0
Total CLN42 SPOT										0.00	0	0
Total For CLN42										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	99.79302				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN42 On 26/01/2021 Spot Bond				100.00000	0.00000	101.68884				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	102.76403				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	101.91621				0.00	332,000,000	166,000,000
Total CLN427 SPOT										0.00	332,000,000	166,000,000
Total For CLN427										0.00	332,000,000	166,000,000
CLN42 On 15/11/2020 Spot Bond				100.00000	0.00000	100.79469				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	99.75557				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	113.65246				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
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	114.44471				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	101.89258				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	99.81275				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	99.82122				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	101.11855				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	115.41678				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	99.66234				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	100.59216				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN444 SPOT										0.00	0	0
Total For CLN444										0.00	0	0
CLN444 On 24/05/2021 Spot Bond			9.93500	105.14272	9.93500	105.11501				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN445 On 20/06/2017 Spot Bond				100.00000	0.00000	99.86165				0.00	0	0
Total CLN446 SPOT										0.00	0	0
Total For CLN446										0.00	0	0
CLN446 On 20/06/2017 Spot Bond				100.00000	0.00000	99.86748				0.00	0	0
Total CLN447 SPOT										0.00	0	0
Total For CLN447										0.00	0	0
CLN447 On 20/06/2017 Spot Bond				100.00000	0.00000	99.86372				0.00	0	0
Total CLN448 SPOT										0.00	0	0
Total For CLN448										0.00	0	0
CLN448 On 20/09/2017 Spot Bond				100.00000	0.00000	99.86430				0.00	0	0
Total CLN449 SPOT										0.00	0	0
Total For CLN449										0.00	0	0
CLN449 On 20/06/2017 Spot Bond				100.00000	0.00000	99.85972				0.00	0	0
Total CLN450 SPOT										0.00	0	0
Total For CLN450										0.00	0	0
CLN450 On 20/06/2017 Spot Bond				100.00000	0.00000	99.86622				0.00	0	0
Total CLN451 SPOT										0.00	0	0
Total For CLN451										0.00	0	0
CLN451 On 31/01/2022 Spot Bond			4.34500	137.38287	4.34500	137.33961				0.00	0	0
Total CLN452 SPOT										0.00	0	0
Total For CLN452										0.00	0	0
CLN452 On 31/01/2025 Spot Bond			6.27000	98.71148	6.27000	98.67529				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			5.91000	101.13600	5.91000	101.09989				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	100.55877				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	99.78906				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN456 SPOT										0.00	0	0
Total For CLN456										0.00	0	0
CLN457 On 17/11/2021 Spot Bond				100.00000	0.00000	100.72064				0.00	0	0
Total CLN457 SPOT										0.00	0	0
Total For CLN457										0.00	0	0
CLN458 On 29/11/2021 Spot Bond				100.00000	0.00000	100.40304				0.00	0	0
Total CLN458 SPOT										0.00	0	0
Total For CLN458										0.00	0	0
CLN459 On 20/06/2017 Spot Bond				100.00000	0.00000	99.84767				0.00	0	0
Total CLN459 SPOT										0.00	0	0
Total For CLN459										0.00	0	0
CLN460 On 29/11/2021 Spot Bond				100.00000	0.00000	100.39903				0.00	0	0
Total CLN460 SPOT										0.00	0	0
Total For CLN460										0.00	0	0
CLN461 On 15/02/2022 Spot Bond				100.00000	0.00000	100.84766				0.00	0	0
Total CLN461 SPOT										0.00	0	0
Total For CLN461										0.00	0	0
CLN462 On 16/02/2022 Spot Bond			10.50500	105.54285	10.50500	105.51300				0.00	0	0
Total CLN462 SPOT										0.00	0	0
Total For CLN462										0.00	0	0
CLN463 On 23/02/2018 Spot Bond				100.00000	0.00000	100.53165				0.00	0	0
Total CLN463 SPOT										0.00	0	0
Total For CLN463										0.00	0	0
CLN464 On 13/03/2022 Spot Bond			9.71500	103.74442	9.71500	103.71767				0.00	0	0
Total CLN464 SPOT										0.00	0	0
Total For CLN464										0.00	0	0
CLN465 On 14/03/2020 Spot Bond				100.00000	0.00000	99.97658				0.00	0	0
Total CLN465 SPOT										0.00	0	0
Total For CLN465										0.00	0	0
CLN466 On 21/02/2024 Spot Bond				100.00000	0.00000	100.60033				0.00	0	0
Total CLN466 SPOT										0.00	0	0
Total For CLN466										0.00	0	0
CLN467 On 27/03/2020 Spot Bond				100.00000	0.00000	101.85782				0.00	0	0
Total CLN467 SPOT										0.00	0	0
Total For CLN467										0.00	0	0
CLN468 On 28/03/2020 Spot Bond				100.00000	0.00000	101.89931				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.45771				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	100.93755				0.00	0	0
Total CLN470 SPOT										0.00	0	0
Total For CLN470										0.00	0	0
CLN470 On 17/05/2019 Spot Bond				100.00000	0.00000	100.78565				0.00	0	0
Total CLN471 SPOT										0.00	0	0
Total For CLN471										0.00	0	0
CLN471 On 19/11/2022 Spot Bond				100.00000	0.00000	100.77773				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	100.34457				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			9.91500	100.68871	9.91500	100.65005				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	18.11714	100.00000	3.70474				0.00	0	5,000,000,000
Total CLN475 SPOT										0.00	0	5,000,000,000
Total For CLN475										0.00	0	5,000,000,000
CLN475 On 20/09/2020 Spot Bond			100.00000	14.65322	100.00000	14.35896				0.00	0	5,100,000,000
Total CLN476 SPOT										0.00	0	5,100,000,000
Total For CLN476										0.00	0	5,100,000,000
CLN476 On 18/04/2028 Spot Bond				100.00000	0.00000	209.14183				0.00	0	0
Total CLN55 SPOT										0.00	0	0
Total For CLN55										0.00	0	0
CLN55 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
CLN61 On 18/04/2028 Spot Bond			8.92000	95.75822	8.92000	95.73539				0.00	0	0
Total CLN81 SPOT										0.00	0	0
Total For CLN81										0.00	0	0
CLN81 On 28/04/2028 Spot Bond			8.53500	41.04992	8.53500	180.96912				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total CLN88 SPOT										0.00	0	0
Total For CLN88										0.00	0	0
CLN89 On 02/03/2028 Spot Bond			8.53500	41.57833	8.53500	181.45809				0.00	0	0
Total CLN89 SPOT										0.00	0	0
Total For CLN89										0.00	0	0
CLNF07 On 20/06/2017 Spot Bond				100.00000	0.00000	99.82993				0.00	0	0
Total CLNF07 SPOT										0.00	0	0
Total For CLNF07										0.00	0	0
CLNF08 On 10/07/2017 Spot Bond				100.00000	0.00000	101.71519				0.00	0	10,000,000
Total CLNF08 SPOT										0.00	0	10,000,000
Total For CLNF08										0.00	0	10,000,000
CLNF09 On 20/06/2017 Spot Bond				100.00000	0.00000	99.82806				0.00	0	0
Total CLNF09 SPOT										0.00	0	0
Total For CLNF09										0.00	0	0
CLNF10 On 24/07/2017 Spot Bond				100.00000	0.00000	101.29425				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	99.84197				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	99.83461				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	100.29432				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	99.83455				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	99.82776				0.00	0	0
Total CLNF15 SPOT										0.00	0	0
Total For CLNF15										0.00	0	0
COH00 On 26/11/2018 Spot Bond				100.00000	0.00000	100.83730				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	101.54066				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total COH002 SPOT										0.00	0	0
Total For COH002										0.00	0	0
COJ04 On 05/06/2018 Spot Bond			8.57500	100.60666	8.57500	100.58358				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			9.26000	113.58035	9.26000	113.55226				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			9.54500	106.23889	9.54500	106.21198				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			10.51500	105.14814	10.51500	105.11854				0.00	0	0
Total COJ08 SPOT										0.00	0	0
Total For COJ08										0.00	0	0
COJG0 On 09/06/2024 Spot Bond			9.85500	101.74964	9.85500	101.72290				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			10.03000	97.79105	10.03000	97.76490				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			11.24500	95.53042	11.24500	95.50188				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			11.26500	89.01603	11.26500	88.98937				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	20.25819	100.00000	20.20911				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
Total For CPL021										0.00	0	0
CPL022 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
CPL024 On 27/11/2017 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 CPL024 SPOT										0.00	0	0
Total For CPL024										0.00	0	0
CPL02L On 12/03/2020 Spot Bond			100.00000	15.82667	100.00000	15.78833				0.00	0	0
Total CPL02U SPOT										0.00	0	0
Total For CPL02U										0.00	0	0
CPL03L On 12/12/2018 Spot Bond			100.00000	36.64502	100.00000	36.55625				0.00	0	0
Total CPL03U SPOT										0.00	0	0
Total For CPL03U										0.00	0	0
CPL05L On 30/10/2018 Spot Bond			100.00000	42.57211	100.00000	42.46786				0.00	0	0
Total CPL05U SPOT										0.00	0	0
Total For CPL05U										0.00	0	0
CPL06L On 30/11/2018 Spot Bond			100.00000	39.47595	100.00000	39.38033				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			11.31000	102.98908	11.31000	102.95780				0.00	0	0
Total CPV01 SPOT										0.00	0	0
Total For CPV01										0.00	0	0
CS001 On 31/03/2018 Spot Bond				100.00000	0.00000	100.72285				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	99.86163				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	99.51118				0.00	0	0
Total CS003 SPOT										0.00	0	0
Total For CS003										0.00	0	0
CSA04I On 06/06/2020 Spot Bond			100.00000	19.32880	100.00000	19.26846				0.00	0	0
Total CSA04U SPOT										0.00	0	0
Total For CSA04U										0.00	0	0
CSD04I On 06/06/2020 Spot Bond			100.00000	17.95999	100.00000	17.90391				0.00	0	0
Total CSD04U SPOT										0.00	0	0
Total For CSD04U										0.00	0	0
DEN38I On 10/06/2018 Spot Bond			100.00000	55.60426	100.00000	55.46956				0.00	0	0
Total DEN38U SPOT										0.00	0	0
Total For DEN38U										0.00	0	0
DEN39I On 10/06/2018 Spot Bond			100.00000	51.69915	100.00000	51.57391				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total DEN39U SPOT									0.00	0	0
Total For DEN39U									0.00	0	0
DEN40U On 10/06/2018 Spot Bond			100.00000	55.95313	100.00000	55.81759			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			8.25000	100.98762	8.25000	100.96534		1,691,250,000,000.00		205,000,000	102,500,000
Total DENG44 SPOT								1,691,250,000,000.00		205,000,000	102,500,000
Total For DENG44								1,691,250,000,000.00		205,000,000	102,500,000
DENG4 On 29/09/2017 Spot Bond			6.86000	101.39101	6.86000	101.37233			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	100.34621			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	99.79024			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	100.34621			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	100.34621			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	98.26402			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	101.66647			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	95.77879	100.00000	95.53320			0.00	0	0
DLTB03 On 09/10/2017 Spot Bond			100.00000	95.77879	100.00000	95.53320			0.00	0	0
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	89.12809	100.00000	88.91435		60,000,000,000,000.00		600,000,000	300,000,000
Total DNG60U SPOT								60,000,000,000,000.00		600,000,000	300,000,000
Total For DNG60U								60,000,000,000,000.00		600,000,000	300,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
DOL00: On 20/09/2018 Spot Bond				100.00000	0.00000	99.78307				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	101.93584				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	67.84921				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			9.10500	99.65563	9.10500	99.63125				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			8.64500	105.16463	8.64500	105.14004				0.00	0	2,250,000,000
Total DV22 SPOT										0.00	0	2,250,000,000
Total For DV22										0.00	0	2,250,000,000
DV22/R On 07/02/2020 Spot Bond			100.00000	23.12560	100.00000	23.07385				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			9.55500	104.85021	9.55500	104.82318				0.00	0	7,671,800,000
Total DV23 SPOT										0.00	0	7,671,800,000
Total For DV23										0.00	0	7,671,800,000
DV23/R On 27/02/2023 Spot Bond			100.00000	13.59016	100.00000	13.55975				0.00	0	0
DV23/R On 27/02/2023 Spot Bond			100.00000	13.59016	100.00000	13.55975				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			9.56500	103.68569	9.56500	103.65893				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	103.07864	9.69000	103.05170				0.00	0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	103.07864	9.69000	103.05170				0.00	0	0
Total DV24/R2023 SPOT										0.00	0	0
Total For DV24/R2023										0.00	0	0
DV29 On 18/02/2029 Spot Bond			10.91500	97.89678	10.91500	97.86805				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	103.20777	10.10000	103.17968				0.00	0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	103.20777	10.10000	103.17968				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
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	100.43594			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	100.57893			0.00	0	1,800,000,000
Total DVC028 SPOT									0.00	0	1,800,000,000
Total For DVC028									0.00	0	1,800,000,000
DVC25 On 29/08/2017 Spot Bond				100.00000	0.00000	100.37799			0.00	900,000,000	450,000,000
Total DVC25 SPOT									0.00	900,000,000	450,000,000
Total For DVC25									0.00	900,000,000	450,000,000
DVC26 On 29/11/2017 Spot Bond				100.00000	0.00000	100.34884			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	101.70779			0.00	2,760,000,000	880,000,000
Total DVF18 SPOT									0.00	2,760,000,000	880,000,000
Total For DVF18									0.00	2,760,000,000	880,000,000
DVF19 On 31/05/2019 Spot Bond				100.00000	0.00000	100.93044			0.00	900,000,000	450,000,000
Total DVF19 SPOT									0.00	900,000,000	450,000,000
Total For DVF19									0.00	900,000,000	450,000,000
DVF20 On 29/11/2019 Spot Bond				100.00000	0.00000	100.36696			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	101.83170			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	100.37976			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	101.89486			0.00	0	0
Total DVF22 SPOT									0.00	0	0
Total For DVF22									0.00	0	0
E170 On 01/08/2020 Spot Bond			8.31500	118.97862	8.31500	118.95184			21,702,150,000.00	2,610,000	105,315,000
Total E170 SPOT									21,702,150,000.00	2,610,000	105,315,000
Total For E170									21,702,150,000.00	2,610,000	105,315,000
E170/R On 01/08/2020 Spot Bond			100.00000	25.00535	100.00000	24.94939			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total E170/R207 SPOT										0.00	0	0
Total For E170/R207										0.00	0	0
ECN20 On 14/03/2020 Spot Bond			9.03500	103.85436	9.03500	103.82942				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			9.14500	104.69970	9.14500	104.67426				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			9.50500	104.63895	9.50500	104.61254				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			3.55000	104.15295	3.55000	104.12258				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	101.62604				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	101.31596				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	18.65488	100.00000	18.60919				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			3.14000	100.64260	3.14000	100.61419				0.00	0	0
Total EL037 SPOT										0.00	0	0
Total For EL037										0.00	0	0
EL037/I On 31/01/2037 Spot Bond			2.25000	115.49687	2.25000	115.46708				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			3.15000	126.61098	3.15000	126.57538				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EL28 SPOT										0.00	0	0
Total For EL28										0.00	0	0
EL29 On 19/11/2029 Spot Bond			3.16000	113.29469	3.16000	113.26284				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			3.18000	113.07602	3.18000	113.04398				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			3.19000	104.06423	3.19000	104.03482				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			3.13000	101.34854	3.13000	101.31996				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	115.49687	2.25000	115.46708				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			9.13500	107.77054	9.13500	107.74394				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			9.21500	107.41091	9.21500	107.38462				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			10.31500	99.81378	10.31500	99.78650				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			10.70000	90.89189	10.70000	94.70678				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			10.96500	99.72981	10.96500	100.38368				0.00	0	2,333,333,100
Total EMM05 SPOT										0.00	0	2,333,333,100
Total For EMM05										0.00	0	2,333,333,100
EMM06 On 23/06/2025 Spot Bond			10.41500	98.87043	10.41500	99.19597				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	100.37402				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total EPF002 SPOT									0.00	0	0
Total For EPF002									0.00	0	0
EPF002 On 06/11/2017 Spot Bond				100.00000	0.00000	100.90146			0.00	0	0
Total EPF004 SPOT									0.00	0	0
Total For EPF004									0.00	0	0
EPF004 On 19/08/2018 Spot Bond				100.00000	0.00000	100.61329			0.00	0	0
Total EPF006 SPOT									0.00	0	0
Total For EPF006									0.00	0	0
EPF006 On 02/09/2020 Spot Bond				100.00000	0.00000	100.27265			0.00	0	0
Total EPF007 SPOT									0.00	0	0
Total For EPF007									0.00	0	0
EPF007 On 12/09/2019 Spot Bond				100.00000	0.00000	100.12438			0.00	1,320,000,000	660,000,000
Total EPF008 SPOT									0.00	1,320,000,000	660,000,000
Total For EPF008									0.00	1,320,000,000	660,000,000
EPF008 On 30/03/2018 Spot Bond				100.00000	0.00000	101.78726			0.00	0	0
Total EPF009 SPOT									0.00	0	0
Total For EPF009									0.00	0	0
EPF009 On 07/11/2019 Spot Bond				100.00000	0.00000	100.91400			0.00	1,200,000,000	300,000,000
Total EPF010 SPOT									0.00	1,200,000,000	300,000,000
Total For EPF010									0.00	1,200,000,000	300,000,000
EPF010 On 12/06/2020 Spot Bond			100.00000	18.69227	100.00000	18.63391		000,000,000,000,000.00	20,000,000,000	20,000,000,000	
Total EPF011 SPOT									10,000,000,000,000.00	20,000,000,000	20,000,000,000
Total For EPF011									10,000,000,000,000.00	20,000,000,000	20,000,000,000
EPF011 On 01/09/2018 Spot Bond			100.00000	33.81767	100.00000	33.73575		0.00	0	0	
Total EPF01U SPOT									0.00	0	0
Total For EPF01U									0.00	0	0
EPF01U On 01/09/2019 Spot Bond			100.00000	13.85172	100.00000	13.81816		0.00	0	0	
Total EPF02U SPOT									0.00	0	0
Total For EPF02U									0.00	0	0
EPFC27 On 06/09/2017 Spot Bond				100.00000	0.00000	100.16356			0.00	0	0
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	100.85279			0.00	360,000,000	180,000,000
Total EPFC29 SPOT									0.00	360,000,000	180,000,000
Total For EPFC29									0.00	360,000,000	180,000,000
EPFC29 On 02/03/2018 Spot Bond				100.00000	0.00000	100.15468			0.00	406,000,000	203,000,000

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 EPFC30 SPOT										0.00	406,000,000	203,000,000
Total For EPFC30										0.00	406,000,000	203,000,000
EPFC3 On 06/09/2017 Spot Bond				100.00000	0.00000	102.25801				0.00	0	0
Total EPFC31 SPOT										0.00	0	0
Total For EPFC31										0.00	0	0
EPFC3 On 03/11/2017 Spot Bond				100.00000	0.00000	100.87917				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	32.67825	100.00000	32.59821				0.00	0	0
Total EQS05 SPOT										0.00	0	0
Total For EQS05										0.00	0	0
EQS06 On 09/04/2018 Spot Bond				100.00000	0.00000	97.51683				0.00	0	0
Total EQS06 SPOT										0.00	0	0
Total For EQS06										0.00	0	0
EQS07 On 09/04/2018 Spot Bond			12.36500	98.72065	12.36500	98.68830				0.00	0	0
Total EQS07 SPOT										0.00	0	0
Total For EQS07										0.00	0	0
EQS08 On 04/10/2018 Spot Bond				100.00000	0.00000	100.47954				0.00	0	0
Total EQS08A SPOT										0.00	0	0
Total For EQS08A										0.00	0	0
EQS08 On 04/10/2018 Spot Bond			100.00000	46.38773	100.00000	46.27412				0.00	0	0
EQS08 On 04/10/2018 Spot Bond			100.00000	46.48775	100.00000	46.37390				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
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.69160				0.00	0	0
Total ERS3B4 SPOT										0.00	0	0
Total For ERS3B4										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.69339				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.72787				0.00	0	0
Total ERS3C4 SPOT										0.00	0	0
Total For ERS3C4										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.76480				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	108.72900	10.00000	108.70100				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 17/11/2025 Spot Bond				100.00000	0.00000	100.66639				0.00	720,000,000	360,000,000
Total ERSA15 SPOT										0.00	720,000,000	360,000,000
Total For ERSA15										0.00	720,000,000	360,000,000
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 17/11/2025 Spot Bond				100.00000	0.00000	100.53638				0.00	0	0
Total ERSA17 SPOT										0.00	0	0
Total For ERSA17										0.00	0	0
ERSA1:On 17/11/2025 Spot Bond				100.00000	0.00000	100.64091				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
ERSA2:On 17/11/2025 Spot Bond				100.00000	0.00000	100.88843				0.00	720,000,000	360,000,000
Total ERSA20 SPOT										0.00	720,000,000	360,000,000
Total For ERSA20										0.00	720,000,000	360,000,000
ERSA2 On 17/11/2025 Spot Bond				100.00000	0.00000	100.25312				0.00	0	0
Total ERSA21 SPOT										0.00	0	0
Total For ERSA21										0.00	0	0

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 17/11/2025 Spot Bond				100.00000	0.00000	101.12403			0.00	280,000,000	140,000,000
Total ERSA22 SPOT									0.00	280,000,000	140,000,000
Total For ERSA22									0.00	280,000,000	140,000,000
ERSA2 On 17/11/2025 Spot Bond				100.00000	0.00000	100.68434			0.00	2,780,000,000	890,000,000
Total ERSA23 SPOT									0.00	2,780,000,000	890,000,000
Total For ERSA23									0.00	2,780,000,000	890,000,000
ES18 On 20/04/2018 Spot Bond			8.23500	102.18733	8.23500	102.16480		73,926,456,381,000.00	8,977,104,600	43,489,557,400	
Total ES18 SPOT								'3,926,456,381,000.00	8,977,104,600	43,489,557,400	
Total For ES18								'3,926,456,381,000.00	8,977,104,600	43,489,557,400	
ES18/R On 20/04/2018 Spot Bond			9.25000	101.36812	9.25000	101.34307		0.00	0	0	
Total ES18/R204 SPOT								0.00	0	0	
Total For ES18/R204								0.00	0	0	
ES23 On 25/01/2023 Spot Bond			8.89500	108.64919	8.89500	108.62307		186,497,017,500.00	20,966,500	25,474,100	
Total ES23 SPOT								186,497,017,500.00	20,966,500	25,474,100	
Total For ES23								186,497,017,500.00	20,966,500	25,474,100	
ES23/R On 25/01/2023 Spot Bond			10.00000	103.84594	10.00000	103.81795		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			9.65500	91.00198	9.65500	90.97854		9,726,634,307,000.00	1,007,419,400	12,814,939,700	
Total ES26 SPOT								9,726,634,307,000.00	1,007,419,400	12,814,939,700	
Total For ES26								9,726,634,307,000.00	1,007,419,400	12,814,939,700	
ES26/R On 02/04/2026 Spot Bond			7.85000	101.54762	7.85000	101.52625		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			10.57000	78.23143	10.63500	77.80184		90,553,190,000.00	8,567,000	56,218,003,500	
Total ES33 SPOT								90,553,190,000.00	8,567,000	56,218,003,500	
Total For ES33								90,553,190,000.00	8,567,000	56,218,003,500	
ES33/R On 15/09/2033 Spot Bond			7.50000	101.83736	7.50000	101.81700		0.00	0	0	
Total ES33/R209 SPOT								0.00	0	0	
Total For ES33/R209								0.00	0	0	
ES42 On 25/04/2042 Spot Bond			10.85500	81.01044	10.85500	80.98705		43,248,491,000.00	3,984,200	15,907,962,100	
Total ES42 SPOT								43,248,491,000.00	3,984,200	15,907,962,100	
Total For ES42								43,248,491,000.00	3,984,200	15,907,962,100	
ES42/R On 25/04/2042 Spot Bond			8.50000	101.14369	8.50000	101.12070		0.00	0	0	
Total ES42/R214 SPOT								0.00	0	0	
Total For ES42/R214								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
EXX02 On 19/05/2019 Spot Bond				100.00000	0.00000	98.99397				0.00	0	15,000,000
Total EXX02 SPOT										0.00	0	15,000,000
Total For EXX02										0.00	0	15,000,000
FBJ20Z On 20/03/2020 Spot Bond				100.00000	0.00000	99.83365				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	99.82783				0.00	0	0
Total FBJ22Z SPOT										0.00	0	0
Total For FBJ22Z										0.00	0	0
FIF01U On 01/11/2018 Spot Bond			100.00000	43.09206	100.00000	42.98767				0.00	0	0
Total FIF01U SPOT										0.00	0	0
Total For FIF01U										0.00	0	0
FIF02U On 01/11/2018 Spot Bond			100.00000	43.17435	100.00000	43.06975				0.00	0	0
Total FIF02U SPOT										0.00	0	0
Total For FIF02U										0.00	0	0
FIF03U On 01/11/2018 Spot Bond			100.00000	43.27907	100.00000	43.17423				0.00	0	0
Total FIF03U SPOT										0.00	0	0
Total For FIF03U										0.00	0	0
FIF04U On 01/11/2018 Spot Bond			100.00000	43.38379	100.00000	43.27870				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	12.91259	100.00000	12.88130				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	10.24835	100.00000	10.22352				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	100.55619				0.00	160,000,000	80,000,000
Total FIFB04 SPOT										0.00	160,000,000	80,000,000
Total For FIFB04										0.00	160,000,000	80,000,000
FIFB06 On 25/08/2017 Spot Bond				100.00000	0.00000	100.48220				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	100.37601				0.00	0	0
Total FIFB07 SPOT										0.00	0	0
Total For FIFB07										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FIFB08 On 31/05/2019 Spot Bond				100.00000	0.00000	100.33158				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	101.96807				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	100.32665				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	100.91102				0.00	886,000,000	443,000,000
Total FIFB11 SPOT										0.00	886,000,000	443,000,000
Total For FIFB11										0.00	886,000,000	443,000,000
FIFB12 On 13/08/2020 Spot Bond				100.00000	0.00000	100.73944				0.00	1,000,000,000	0
Total FIFB12 SPOT										0.00	1,000,000,000	0
Total For FIFB12										0.00	1,000,000,000	0
FMLA1U On 17/02/2039 Spot Bond			100.00000	6.36872	100.00000	6.35611				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	0.40141	100.00000	0.40043				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	0.40141	100.00000	0.40043				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	11.72546	100.00000	11.69706				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	11.42138	100.00000	11.39371				0.00	0	0
Total FR003U SPOT										0.00	0	0
Total For FR003U										0.00	0	0
FR2A4J 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
FR2A4I 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

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 FR2A4C SPOT									0.00	0	0
Total For FR2A4C									0.00	0	0
FR2A4I 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			9.16500	98.91678	9.16500	98.89243			0.00	0	360,000,000
Total FRB05 SPOT									0.00	0	360,000,000
Total For FRB05									0.00	0	360,000,000
FRB09 On 10/06/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRB09 SPOT									0.00	0	0
Total For FRB09									0.00	0	0
FRB11 On 11/12/2022 Spot Bond				100.00000	0.00000	100.65035			0.00	460,000,000	230,000,000
Total FRB11 SPOT									0.00	460,000,000	230,000,000
Total For FRB11									0.00	460,000,000	230,000,000
FRB12 On 02/06/2024 Spot Bond				100.00000	0.00000	100.73717			0.00	0	0
Total FRB12 SPOT									0.00	0	0
Total For FRB12									0.00	0	0
FRB13 On 02/06/2026 Spot Bond				100.00000	0.00000	97.04834			0.00	0	0
Total FRB13 SPOT									0.00	0	0
Total For FRB13									0.00	0	0
FRB14 On 02/06/2026 Spot Bond			10.53500	97.26423	10.53500	98.59339			0.00	0	0
Total FRB14 SPOT									0.00	0	0
Total For FRB14									0.00	0	0
FRB15 On 06/03/2025 Spot Bond				100.00000	0.00000	101.98445			0.00	1,000,000,000	862,000,000
Total FRB15 SPOT									0.00	1,000,000,000	862,000,000
Total For FRB15									0.00	1,000,000,000	862,000,000
FRB16 On 08/07/2025 Spot Bond				100.00000	0.00000	102.82824			0.00	605,000,000	150,000,000
Total FRB16 SPOT									0.00	605,000,000	150,000,000
Total For FRB16									0.00	605,000,000	150,000,000
FRB17 On 08/01/2027 Spot Bond				100.00000	0.00000	101.88742			0.00	0	0
Total FRB17 SPOT									0.00	0	0
Total For FRB17									0.00	0	0
FRB17/ On 08/01/2027 Spot Bond			100.00000	12.86374	100.00000	12.83224			0.00	0	0
Total FRB17/JIBAR SPOT									0.00	0	0
Total For FRB17/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
FRB18 On 13/04/2026 Spot Bond				100.00000	0.00000	103.94014			0.00	0	0
Total FRB18 SPOT									0.00	0	0
Total For FRB18									0.00	0	0
FRB19 On 14/04/2021 Spot Bond			11.23500	105.40205	11.23500	105.37058			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	103.31449			0.00	0	0
Total FRB20 SPOT									0.00	0	0
Total For FRB20									0.00	0	0
FRB21 On 24/11/2021 Spot Bond				100.00000	0.00000	100.62008			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	100.05285			0.00	0	0
Total FRB22 SPOT									0.00	0	0
Total For FRB22									0.00	0	0
FRBC2 On 21/12/2018 Spot Bond			10.17500	108.27404	10.17500	108.24453		814,000,000,000.00	80,000,000	40,000,000	
Total FRBC21 SPOT								814,000,000,000.00	80,000,000	40,000,000	
Total For FRBC21								814,000,000,000.00	80,000,000	40,000,000	
FRBC2 On 21/12/2018 Spot Bond				100.00000	0.00000	104.40368			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	143.95159	3.24500	143.91055			0.00	0	0
Total FRBI22 SPOT									0.00	0	0
Total For FRBI22									0.00	0	0
FRBI23 On 07/12/2023 Spot Bond			3.65000	110.69591	3.65000	274.04780			0.00	0	28,000,000
Total FRBI23 SPOT									0.00	0	28,000,000
Total For FRBI23									0.00	0	28,000,000
FRBI25 On 31/01/2025 Spot Bond			3.67000	110.84969	3.67000	117.79743			0.00	0	0
Total FRBI25 SPOT									0.00	0	0
Total For FRBI25									0.00	0	0
FRBI28 On 31/03/2028 Spot Bond			4.04000	88.03143	4.04000	158.79912			0.00	0	0
Total FRBI28 SPOT									0.00	0	0
Total For FRBI28									0.00	0	0
FRBI33 On 07/12/2033 Spot Bond			4.23000	90.87571	4.23000	190.50087			0.00	0	0
Total FRBI33 SPOT									0.00	0	0
Total For FRBI33									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRBI46 On 31/03/2046 Spot Bond			4.26000	88.28220	4.26000	88.44516			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			4.25000	90.74557	4.25000	91.83918			0.00	0	0
Total FRBI50 SPOT									0.00	0	0
Total For FRBI50									0.00	0	0
FRBZ0 On 30/11/2020 Spot Bond			8.93000	74.36313	8.93000	74.52335			0.00	0	0
Total FRBZ01 SPOT									0.00	0	0
Total For FRBZ01									0.00	0	0
FRBZ0 On 28/10/2024 Spot Bond			10.05000	49.35977	10.05000	49.72693			0.00	0	0
Total FRBZ02 SPOT									0.00	0	0
Total For FRBZ02									0.00	0	0
FRBZ0 On 10/12/2024 Spot Bond			10.08000	48.70648	10.08000	49.07189			0.00	0	0
Total FRBZ03 SPOT									0.00	0	0
Total For FRBZ03									0.00	0	0
FRC05 On 13/10/2018 Spot Bond			100.00000	45.24528	100.00000	45.13447			0.00	0	0
Total FRC05U SPOT									0.00	0	0
Total For FRC05U									0.00	0	0
FRC06 On 31/12/2017 Spot Bond			100.00000	67.16833	100.00000	67.00383			0.00	0	0
Total FRC06U SPOT									0.00	0	0
Total For FRC06U									0.00	0	0
FRC10 On 03/06/2021 Spot Bond				100.00000	0.00000	100.25394			0.00	0	0
Total FRC107 SPOT									0.00	0	0
Total For FRC107									0.00	0	0
FRC10 On 20/06/2017 Spot Bond				100.00000	0.00000	102.52796			0.00	0	0
Total FRC109 SPOT									0.00	0	0
Total For FRC109									0.00	0	0
FRC11 On 20/06/2017 Spot Bond				100.00000	0.00000	102.22581			0.00	0	0
Total FRC112 SPOT									0.00	0	0
Total For FRC112									0.00	0	0
FRC11 On 20/06/2017 Spot Bond				100.00000	0.00000	102.41640			0.00	0	0
Total FRC113 SPOT									0.00	0	0
Total For FRC113									0.00	0	0
FRC11 On 20/06/2017 Spot Bond			7.47000	100.49909	7.47000	98.00000			0.00	0	0
Total FRC115 SPOT									0.00	0	0
Total For FRC115									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC116 On 20/06/2017 Spot Bond			7.47000	100.49909	7.47000	100.00000				0.00	0	0
Total FRC116 SPOT										0.00	0	0
Total For FRC116										0.00	0	0
FRC118 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC118 SPOT										0.00	0	0
Total For FRC118										0.00	0	0
FRC119 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC119 SPOT										0.00	0	0
Total For FRC119										0.00	0	0
FRC120 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC120 SPOT										0.00	0	0
Total For FRC120										0.00	0	0
FRC121 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC121 SPOT										0.00	0	0
Total For FRC121										0.00	0	0
FRC122 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC122 SPOT										0.00	0	0
Total For FRC122										0.00	0	0
FRC123 On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC123 SPOT										0.00	0	0
Total For FRC123										0.00	0	0
FRC124 On 20/06/2017 Spot Bond				100.00000	0.00000	102.37689				0.00	0	0
Total FRC124 SPOT										0.00	0	0
Total For FRC124										0.00	0	0
FRC125 On 20/09/2017 Spot Bond			6.00000	100.40284	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
FRC128 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC128 SPOT										0.00	0	0
Total For FRC128										0.00	0	0

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	103.02722			0.00	0	0
Total FRC134 SPOT									0.00	0	0
Total For FRC134									0.00	0	0
FRC135 On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRC135 SPOT									0.00	0	0
Total For FRC135									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

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 FRC141 SPOT										0.00	0	0
Total For FRC141										0.00	0	0
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			100.09221	100.50606	100.09221	100.23780				0.00	0	0
Total FRC143 SPOT										0.00	0	0
Total For FRC143										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	102.18388				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	104.96303				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	102.36979				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	99.90712	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	102.39307				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	102.20947				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	102.27223				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	102.88795				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	102.23736				0.00	0	0
Total FRC161 SPOT										0.00	0	0
Total For FRC161										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC16: On 14/12/2018 Spot Bond			13.22500	84.98984	13.22500	82.24071				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	102.12591				0.00	0	0
Total FRC163 SPOT										0.00	0	0
Total For FRC163										0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	102.12823				0.00	0	0
Total FRC166 SPOT										0.00	0	0
Total For FRC166										0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	102.96965				0.00	0	0
Total FRC167 SPOT										0.00	0	0
Total For FRC167										0.00	0	0
FRC16: On 20/06/2018 Spot Bond				100.00000	0.00000	102.17340				0.00	0	0
Total FRC168 SPOT										0.00	0	0
Total For FRC168										0.00	0	0
FRC16: On 31/01/2025 Spot Bond			4.36500	108.58388	4.36500	112.30371				0.00	0	0
Total FRC169 SPOT										0.00	0	0
Total For FRC169										0.00	0	0
FRC17: On 20/06/2018 Spot Bond				100.00000	0.00000	102.29553				0.00	0	0
Total FRC170 SPOT										0.00	0	0
Total For FRC170										0.00	0	0
FRC17: On 20/06/2018 Spot Bond				100.00000	0.00000	102.28114				0.00	0	0
Total FRC171 SPOT										0.00	0	0
Total For FRC171										0.00	0	0
FRC17: On 21/02/2018 Spot Bond				100.00000	0.00000	99.33982				0.00	0	0
Total FRC172 SPOT										0.00	0	0
Total For FRC172										0.00	0	0
FRC17: On 30/06/2017 Spot Bond				100.00000	0.00000	102.03300				0.00	0	0
Total FRC173 SPOT										0.00	0	0
Total For FRC173										0.00	0	0
FRC17: On 20/06/2018 Spot Bond				100.00000	0.00000	102.29553				0.00	0	0
Total FRC174 SPOT										0.00	0	0
Total For FRC174										0.00	0	0
FRC17: On 20/09/2018 Spot Bond				100.00000	0.00000	102.17924				0.00	0	0
Total FRC176 SPOT										0.00	0	0
Total For FRC176										0.00	0	0

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 20/09/2018 Spot Bond				100.00000	0.00000	102.13508				0.00	0	0
Total FRC177 SPOT										0.00	0	0
Total For FRC177										0.00	0	0
FRC17: On 06/08/2023 Spot Bond				100.00000	0.00000	101.08094				0.00	0	0
Total FRC178 SPOT										0.00	0	0
Total For FRC178										0.00	0	0
FRC17: On 20/09/2020 Spot Bond				100.00000	0.00000	102.45085				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	113.79536				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	105.99562				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	100.00000				0.00	0	0
Total FRC184 SPOT										0.00	0	0
Total For FRC184										0.00	0	0
FRC18: On 20/12/2018 Spot Bond				100.00000	0.00000	102.76949				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	102.24824				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	102.27237				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	101.81773				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	108.72900	10.00000	108.70100				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	102.38359				0.00	0	0
Total FRC195 SPOT										0.00	0	0
Total For FRC195										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRC20(On 20/06/2019 Spot Bond				100.00000	0.00000	102.76482			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	15.21708	100.00000	15.18022			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	14.26577	100.00000	14.23120			0.00	0	0
Total FRC208 SPOT									0.00	0	0
Total For FRC208									0.00	0	0
FRC20(On 07/10/2020 Spot Bond				100.00000	0.00000	104.69214			0.00	0	0
Total FRC209 SPOT									0.00	0	0
Total For FRC209									0.00	0	0
FRC21(On 20/12/2019 Spot Bond			100.00000	21.88063	100.00000	21.82762			0.00	0	0
FRC21(On 20/12/2019 Spot Bond				100.00000	0.00000	102.34195			0.00	0	0
Total FRC210 SPOT									0.00	0	0
Total For FRC210									0.00	0	0
FRC21(On 29/10/2017 Spot Bond			100.00000	90.85062	100.00000	90.62958			0.00	0	0
Total FRC211 SPOT									0.00	0	0
Total For FRC211									0.00	0	0
FRC21(On 07/05/2020 Spot Bond				100.00000	0.00000	100.93056			0.00	0	0
Total FRC212 SPOT									0.00	0	0
Total For FRC212									0.00	0	0
FRC21(On 04/06/2021 Spot Bond			100.00000	12.97089	100.00000	12.93946			0.00	0	0
Total FRC213 SPOT									0.00	0	0
Total For FRC213									0.00	0	0
FRC21(On 07/11/2017 Spot Bond			100.00000	89.13797	100.00000	88.92724			0.00	0	0
Total FRC214 SPOT									0.00	0	0
Total For FRC214									0.00	0	0
FRC21(On 07/11/2019 Spot Bond				100.00000	0.00000	100.93052			0.00	0	0
Total FRC215 SPOT									0.00	0	0
Total For FRC215									0.00	0	0
FRC21(On 07/11/2017 Spot Bond			100.00000	89.13143	100.00000	88.92072		80,000,000,000,000.00	0.00	800,000,000	400,000,000
Total FRC216 SPOT								80,000,000,000,000.00	0.00	800,000,000	400,000,000
Total For FRC216								80,000,000,000,000.00	0.00	800,000,000	400,000,000
FRC21(On 07/11/2017 Spot Bond				100.00000	0.00000	100.92860			0.00	800,000,000	400,000,000
Total FRC217 SPOT									0.00	800,000,000	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 FRC217										0.00	800,000,000	400,000,000
FRC217 On 07/11/2017 Spot Bond				100.00000	0.00000	100.88873				0.00	0	0
Total FRC218 SPOT										0.00	0	0
Total For FRC218										0.00	0	0
FRC218 On 04/11/2019 Spot Bond				100.00000	0.00000	101.03772				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC221 On 04/11/2017 Spot Bond				100.00000	0.00000	100.98356				0.00	0	0
Total FRC220 SPOT										0.00	0	0
Total For FRC220										0.00	0	0
FRC222 On 31/01/2022 Spot Bond			3.75500	140.86171	3.75500	140.81960				0.00	0	0
Total FRC221 SPOT										0.00	0	0
Total For FRC221										0.00	0	0
FRC222 On 20/05/2020 Spot Bond				100.00000	0.00000	100.57408				0.00	0	0
Total FRC225 SPOT										0.00	0	0
Total For FRC225										0.00	0	0
FRC231 On 20/06/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC230 SPOT										0.00	0	0
Total For FRC230										0.00	0	0
FRC232 On 25/06/2018 Spot Bond				100.00000	0.00000	101.91669				0.00	0	0
Total FRC231 SPOT										0.00	0	0
Total For FRC231										0.00	0	0
FRC233 On 31/01/2022 Spot Bond			4.61500	135.82426	4.61500	135.78051				0.00	0	0
Total FRC233 SPOT										0.00	0	0
Total For FRC233										0.00	0	0
FRC234 On 20/12/2020 Spot Bond				100.00000	0.00000	103.33318				0.00	0	0
Total FRC234 SPOT										0.00	0	0
Total For FRC234										0.00	0	0
FRC235 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC235 SPOT										0.00	0	0
Total For FRC235										0.00	0	0
FRC236 On 08/02/2020 Spot Bond				100.00000	0.00000	111.46474				0.00	0	0
Total FRC236 SPOT										0.00	0	0
Total For FRC236										0.00	0	0
FRC237 On 19/10/2020 Spot Bond				100.00000	0.00000	118.53479				0.00	0	0
Total FRC237 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 FRC237										0.00	0	0
FRC237 On 08/02/2020 Spot Bond				100.00000	0.00000	112.03520				0.00	0	0
Total FRC238 SPOT										0.00	0	0
Total For FRC238										0.00	0	0
FRC238 On 19/10/2020 Spot Bond				100.00000	0.00000	119.33622				0.00	0	0
Total FRC239 SPOT										0.00	0	0
Total For FRC239										0.00	0	0
FRC239 On 19/10/2020 Spot Bond				100.00000	0.00000	118.21312				0.00	0	0
Total FRC240 SPOT										0.00	0	0
Total For FRC240										0.00	0	0
FRC240 On 08/02/2020 Spot Bond				100.00000	0.00000	111.43541				0.00	0	0
Total FRC241 SPOT										0.00	0	0
Total For FRC241										0.00	0	0
FRC241 On 08/02/2020 Spot Bond				100.00000	0.00000	111.01869				0.00	0	0
Total FRC242 SPOT										0.00	0	0
Total For FRC242										0.00	0	0
FRC242 On 19/10/2020 Spot Bond				100.00000	0.00000	102.99445				0.00	0	0
Total FRC243 SPOT										0.00	0	0
Total For FRC243										0.00	0	0
FRC243 On 08/02/2020 Spot Bond				100.00000	0.00000	111.16528				0.00	0	0
Total FRC244 SPOT										0.00	0	0
Total For FRC244										0.00	0	0
FRC244 On 19/10/2020 Spot Bond				100.00000	0.00000	102.96492				0.00	0	0
Total FRC245 SPOT										0.00	0	0
Total For FRC245										0.00	0	0
FRC245 On 19/10/2020 Spot Bond				100.00000	0.00000	102.38802				0.00	0	0
Total FRC246 SPOT										0.00	0	0
Total For FRC246										0.00	0	0
FRC246 On 08/02/2020 Spot Bond				100.00000	0.00000	110.96109				0.00	0	0
Total FRC247 SPOT										0.00	0	0
Total For FRC247										0.00	0	0
FRC247 On 08/02/2020 Spot Bond				100.00000	0.00000	100.15406				0.00	0	0
Total FRC248 SPOT										0.00	0	0
Total For FRC248										0.00	0	0
FRC248 On 19/10/2020 Spot Bond				100.00000	0.00000	116.51588				0.00	0	0
Total FRC249 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 FRC249										0.00	0	0
FRC25 On 19/10/2020 Spot Bond				100.00000	0.00000	96.81324				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	100.86401				0.00	0	0
Total FRC251 SPOT										0.00	0	0
Total For FRC251										0.00	0	0
FRC46 On 10/09/2017 Spot Bond				100.00000	0.00000	100.02497				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	101.21693				0.00	0	0
Total FRC61 SPOT										0.00	0	0
Total For FRC61										0.00	0	0
FRC66 On 31/01/2022 Spot Bond			4.27500	108.82534	4.27500	137.74722				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	102.34655	4.33500	137.39776				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	100.71037	4.31500	137.51413				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	101.34390				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	101.50128				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	32.51697	100.00000	32.43821				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	98.55314	100.00000	98.29242				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	20.27710	100.00000	20.22744				0.00	0	0
Total FRD13U 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 FRD13U										0.00	0	0
FRD15I On 31/12/2021 Spot Bond			100.00000	14.27808	100.00000	14.24311				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			4.00000	84.48970	4.00000	84.98893				0.00	0	0
Total FRI33 SPOT										0.00	0	0
Total For FRI33										0.00	0	0
FRI38 On 31/01/2038 Spot Bond			4.07000	99.27570	4.07000	99.25098				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	101.07175				0.00	0	0
Total FRJ18 SPOT										0.00	0	0
Total For FRJ18										0.00	0	0
FRJ19 On 04/04/2019 Spot Bond				100.00000	0.00000	101.79961				0.00	1,378,000,000	689,000,000
Total FRJ19 SPOT										0.00	1,378,000,000	689,000,000
Total For FRJ19										0.00	1,378,000,000	689,000,000
FRJ20 On 20/09/2020 Spot Bond				100.00000	0.00000	101.17966				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	99.10688				0.00	0	0
Total FRJ21 SPOT										0.00	0	0
Total For FRJ21										0.00	0	0
FRJ22 On 07/03/2022 Spot Bond				100.00000	0.00000	100.37635				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	101.08602				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	101.47893				0.00	0	0
Total FRJ27 SPOT										0.00	0	0
Total For FRJ27										0.00	0	0
FRS01I On 13/05/2021 Spot Bond			100.00000	6.64158	100.00000	6.62898				0.00	0	0
Total FRS01U SPOT										0.00	0	0
Total For FRS01U										0.00	0	0
FRS02I On 13/05/2021 Spot Bond			100.00000	6.64158	100.00000	6.62898				0.00	0	0
Total FRS02U 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 FRS02U										0.00	0	0
FRS10 On 15/01/2024 Spot Bond			2.58800	84.50537	2.58800	109.01189				0.00	0	0
Total FRS100 SPOT										0.00	0	0
Total For FRS100										0.00	0	0
FRS10 On 31/01/2038 Spot Bond			2.99000	108.44748	2.99000	117.51927				0.00	0	0
Total FRS101 SPOT										0.00	0	0
Total For FRS101										0.00	0	0
FRS10 On 23/01/2024 Spot Bond				100.00000	0.00000	101.18567				0.00	0	0
Total FRS103 SPOT										0.00	0	0
Total For FRS103										0.00	0	0
FRS10 On 23/01/2024 Spot Bond				100.00000	0.00000	101.18567				0.00	0	0
Total FRS104 SPOT										0.00	0	0
Total For FRS104										0.00	0	0
FRS10 On 31/01/2038 Spot Bond			3.13000	105.89304	3.13000	114.93378				0.00	0	0
Total FRS108 SPOT										0.00	0	0
Total For FRS108										0.00	0	0
FRS10 On 07/12/2033 Spot Bond			3.24000	215.41929	3.24000	215.35812				0.00	0	0
Total FRS109 SPOT										0.00	0	0
Total For FRS109										0.00	0	0
FRS11 On 31/01/2038 Spot Bond			4.08500	99.05318	4.08500	99.02268				0.00	0	0
Total FRS110 SPOT										0.00	0	0
Total For FRS110										0.00	0	0
FRS11 On 07/12/2033 Spot Bond			3.27000	214.60990	3.27000	214.54878				0.00	0	0
Total FRS112 SPOT										0.00	0	0
Total For FRS112										0.00	0	0
FRS11 On 29/04/2019 Spot Bond				100.00000	0.00000	101.39021				0.00	0	0
Total FRS113 SPOT										0.00	0	0
Total For FRS113										0.00	0	0
FRS11 On 31/01/2025 Spot Bond			3.62000	118.23914	3.62000	118.20423				0.00	0	0
Total FRS114 SPOT										0.00	0	0
Total For FRS114										0.00	0	0
FRS11 On 31/03/2038 Spot Bond			3.29500	112.00621	3.29500	111.97413				0.00	0	0
Total FRS115 SPOT										0.00	0	0
Total For FRS115										0.00	0	0
FRS11 On 31/01/2038 Spot Bond			3.29500	112.00621	3.29500	111.97413				0.00	0	0
Total FRS119 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 FRS119										0.00	0	0
FRS12 On 07/12/2033 Spot Bond			3.39000	117.12769	3.39000	211.34809				0.00	0	0
Total FRS120 SPOT										0.00	0	0
Total For FRS120										0.00	0	0
FRS12 On 07/12/2033 Spot Bond			3.44000	210.09237	3.44000	210.03160				0.00	0	0
Total FRS121 SPOT										0.00	0	0
Total For FRS121										0.00	0	0
FRS12 On 31/01/2025 Spot Bond			3.15000	106.93158	3.15000	106.90137				0.00	0	0
Total FRS122 SPOT										0.00	0	0
Total For FRS122										0.00	0	0
FRS12 On 07/12/2033 Spot Bond			3.47000	209.30720	3.47000	209.24648				0.00	0	0
Total FRS123 SPOT										0.00	0	0
Total For FRS123										0.00	0	0
FRS12 On 31/01/2038 Spot Bond			4.20500	97.24968	4.20500	97.21942				0.00	0	0
Total FRS124 SPOT										0.00	0	0
Total For FRS124										0.00	0	0
FRS12 On 31/03/2028 Spot Bond			3.79500	162.44638	3.79500	162.39782				0.00	0	0
Total FRS126 SPOT										0.00	0	0
Total For FRS126										0.00	0	0
FRS12 On 31/01/2038 Spot Bond			4.02000	87.33433	4.02000	100.01663				0.00	0	0
Total FRS127 SPOT										0.00	0	0
Total For FRS127										0.00	0	0
FRS12 On 31/03/2028 Spot Bond			3.77000	103.45806	3.77000	162.77030				0.00	0	0
Total FRS129 SPOT										0.00	0	0
Total For FRS129										0.00	0	0
FRS13 On 11/08/2017 Spot Bond			100.00000	89.99881	100.00000	89.78655				0.00	0	0
Total FRS130 SPOT										0.00	0	0
Total For FRS130										0.00	0	0
FRS13 On 31/03/2028 Spot Bond			3.83000	161.92657	3.83000	161.87801				0.00	0	0
Total FRS131 SPOT										0.00	0	0
Total For FRS131										0.00	0	0
FRS13 On 07/12/2033 Spot Bond			3.98000	196.49103	3.98000	196.43136				0.00	0	0
Total FRS132 SPOT										0.00	0	0
Total For FRS132										0.00	0	0
FRS13 On 24/03/2020 Spot Bond			100.00000		0.00000	101.68316				0.00	0	0
Total FRS133 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 FRS133										0.00	0	0
FRS133 On 31/01/2038 Spot Bond			3.95000	87.97869	3.95000	101.10079				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			4.20500	84.55020	4.20500	97.21942				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			3.73000	103.16380	3.73000	104.60314				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			3.64000	164.77169	3.64000	164.72313				0.00	0	0
Total FRS137 SPOT										0.00	0	0
Total For FRS137										0.00	0	0
FRS137 On 07/12/2033 Spot Bond			3.75000	202.14863	3.75000	202.08846				0.00	0	0
Total FRS138 SPOT										0.00	0	0
Total For FRS138										0.00	0	0
FRS138 On 31/03/2028 Spot Bond			3.77000	162.81887	3.77000	162.77030				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			3.77000	162.81887	3.77000	162.77030				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			4.06000	96.18946	4.06000	158.50943				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			3.92000	115.82215	3.92000	115.78703				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	142.66984	3.45500	142.62835				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	106.71200				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			4.12000	157.69255	4.12000	157.64403				0.00	0	0
Total FRS149 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 FRS149										0.00	0	0
FRS15 On 31/03/2028 Spot Bond			4.16000	157.11863	4.16000	157.07013				0.00	0	0
Total FRS150 SPOT										0.00	0	0
Total For FRS150										0.00	0	0
FRS15 On 31/01/2025 Spot Bond			3.89000	116.06133	3.89000	116.02621				0.00	0	0
Total FRS151 SPOT										0.00	0	0
Total For FRS151										0.00	0	0
FRS15 On 31/03/2028 Spot Bond			4.13000	157.54885	4.13000	157.50034				0.00	0	0
Total FRS152 SPOT										0.00	0	0
Total For FRS152										0.00	0	0
FRS15 On 31/03/2028 Spot Bond			4.17000	156.97554	4.17000	156.92705				0.00	0	0
Total FRS153 SPOT										0.00	0	0
Total For FRS153										0.00	0	0
FRS15 On 19/05/2019 Spot Bond				100.00000	0.00000	104.70756				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	114.35018	3.06000	283.09912				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	115.04717	2.95000	284.82553				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	110.57448	3.67000	273.74705				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	98.19014	3.41500	142.87156				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	101.15469				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	145.80595	2.94500	145.76556				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	101.01595				0.00	0	0
Total FRS62 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 FRS62										0.00	0	0
FRS64 On 26/01/2042 Spot Bond			2.97000	113.32405	2.97000	113.29258				0.00	0	0
Total FRS64 SPOT										0.00	0	0
Total For FRS64										0.00	0	0
FRS73 On 12/06/2017 Spot Bond			101.07593	99.44921	101.07593	99.72385				0.00	0	0
Total FRS73 SPOT										0.00	0	0
Total For FRS73										0.00	0	0
FRS74 On 14/06/2017 Spot Bond			100.44759	100.00000	100.44759	99.72555				0.00	0	0
Total FRS74 SPOT										0.00	0	0
Total For FRS74										0.00	0	0
FRS76 On 18/06/2017 Spot Bond			100.76967	98.90774	100.76967	98.63839				0.00	0	0
Total FRS76 SPOT										0.00	0	0
Total For FRS76										0.00	0	0
FRS79 On 10/07/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRS79 SPOT										0.00	0	0
Total For FRS79										0.00	0	0
FRS81 On 30/10/2042 Spot Bond			2.76000	118.35780	2.76000	118.32570				0.00	0	0
Total FRS81 SPOT										0.00	0	0
Total For FRS81										0.00	0	0
FRS82 On 21/11/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRS82 SPOT										0.00	0	0
Total For FRS82										0.00	0	0
FRS85 On 31/01/2025 Spot Bond			3.08000	93.44497	3.08000	122.70016				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	99.65608				0.00	0	0
Total FRS86 SPOT										0.00	0	0
Total For FRS86										0.00	0	0
FRS87 On 31/01/2025 Spot Bond			3.11000	93.25102	3.11000	122.44538				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	109.42873	3.86000	270.90917				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	100.89610				0.00	0	0
Total FRS94 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 FRS94										0.00	0	0
FRS96 On 24/08/2018 Spot Bond				100.00000	0.00000	100.38213				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			7.46500	102.30414	7.46500	102.28360				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			8.05500	103.66024	8.05500	103.63789				0.00	0	0
Total FRX18 SPOT										0.00	0	0
Total For FRX18										0.00	0	0
FRX19 On 15/11/2019 Spot Bond			8.29500	102.23795	8.29500	102.21537				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			8.49500	102.46749	8.49500	102.44420				0.00	0	0
Total FRX20 SPOT										0.00	0	0
Total For FRX20										0.00	0	0
FRX23 On 28/02/2023 Spot Bond			9.10500	96.27852	9.10500	96.25523				0.00	0	1,550,000,000
Total FRX23 SPOT										0.00	0	1,550,000,000
Total For FRX23										0.00	0	1,550,000,000
FRX24 On 10/12/2024 Spot Bond			9.42500	107.11989	9.42500	107.09295				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			9.87000	99.67511	9.87000	99.64887				0.00	0	500,000,000
Total FRX26 SPOT										0.00	0	500,000,000
Total For FRX26										0.00	0	500,000,000
FRX27 On 07/03/2027 Spot Bond			9.86500	104.71457	9.86500	104.68718				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			10.19500	100.46408	10.19500	100.43649				0.00	0	0
Total FRX30 SPOT										0.00	0	0
Total For FRX30										0.00	0	0
FRX31 On 21/02/2031 Spot Bond			10.33500	96.89202	10.33500	96.86505				0.00	0	5,000,000,000
Total FRX31 SPOT										0.00	0	5,000,000,000

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 FRX31									0.00	0	5,000,000,000
FRX32 On 31/03/2032 Spot Bond			10.21500	105.48924	10.21500	104.39770			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			10.84500	76.46415	10.84500	76.44208			0.00	0	0
Total FRX45 SPOT									0.00	0	0
Total For FRX45									0.00	0	0
FS1A4 On 20/03/2038 Spot Bond				100.00000	0.00000	101.95846			0.00	0	0
Total FS1A4 SPOT									0.00	0	0
Total For FS1A4									0.00	0	0
FS1A5 On 20/03/2038 Spot Bond				100.00000	0.00000	102.13594			0.00	0	0
Total FS1A5 SPOT									0.00	0	0
Total For FS1A5									0.00	0	0
FS1B1 On 20/03/2038 Spot Bond				100.00000	0.00000	102.40748			0.00	0	0
Total FS1B1 SPOT									0.00	0	0
Total For FS1B1									0.00	0	0
FS1C1 On 20/03/2038 Spot Bond				100.00000	0.00000	102.17924			0.00	0	0
Total FS1C1 SPOT									0.00	0	0
Total For FS1C1									0.00	0	0
FS1D1 On 20/03/2038 Spot Bond				100.00000	0.00000	102.48134			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 20/08/2038 Spot Bond				100.00000	0.00000	100.45057			0.00	0	0
Total FS2A4 SPOT									0.00	0	0
Total For FS2A4									0.00	0	0
FS2A5 On 20/08/2038 Spot Bond				100.00000	0.00000	100.45154			0.00	420,000,000	210,000,000
Total FS2A5 SPOT									0.00	420,000,000	210,000,000
Total For FS2A5									0.00	420,000,000	210,000,000
FS2B1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.54734			0.00	0	0
Total FS2B1 SPOT									0.00	0	0
Total For FS2B1									0.00	0	0
FS2C1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.56214			0.00	0	0
Total FS2C1 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 FS2C1										0.00	0	0
FS2D1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.62721				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	9.12692	100.00000	9.10481				0.00	0	0
Total FS3A3U SPOT										0.00	0	0
Total For FS3A3U										0.00	0	0
FS3A4L On 20/02/2022 Spot Bond			100.00000	1.53124	100.00000	1.52753				0.00	0	0
Total FS3A4U SPOT										0.00	0	0
Total For FS3A4U										0.00	0	0
FS3A5L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3A5U SPOT										0.00	0	0
Total For FS3A5U										0.00	0	0
FS3B1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3B1U SPOT										0.00	0	0
Total For FS3B1U										0.00	0	0
FS3C1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3C1U SPOT										0.00	0	0
Total For FS3C1U										0.00	0	0
FS3D1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				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	63.07536	100.00000	62.92256				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	10.58229	100.00000	10.55665				0.00	0	0
Total FS4A2U SPOT										0.00	0	0
Total For FS4A2U										0.00	0	0
FS4A3L On 20/03/2022 Spot Bond			100.00000	1.77541	100.00000	1.77111				0.00	0	0
Total FS4A3U SPOT										0.00	0	0
Total For FS4A3U										0.00	0	0
FS4A4L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4A4U SPOT										0.00	0	0
Total For FS4A4U										0.00	0	0
FS4A5L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4A5U 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 FS4A5U										0.00	0	0
FS4B1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4B1U SPOT										0.00	0	0
Total For FS4B1U										0.00	0	0
FS4C1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				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	23.99948	100.00000	23.94071				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	4.02645	100.00000	4.01658				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	0.67553	100.00000	0.67387				0.00	0	0
Total FS5A3U SPOT										0.00	0	0
Total For FS5A3U										0.00	0	0
FS5A4L On 20/02/2021 Spot Bond			100.00000	4.02645	100.00000	4.01658				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0
FS5A5L On 20/02/2042 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS5A5U SPOT										0.00	0	0
Total For FS5A5U										0.00	0	0
FS5B1L On 20/02/2021 Spot Bond			100.00000	4.02645	100.00000	4.01658				0.00	0	0
Total FS5B1U SPOT										0.00	0	0
Total For FS5B1U										0.00	0	0
FS5C1L On 20/02/2021 Spot Bond			100.00000	4.02645	100.00000	4.01658				0.00	0	0
Total FS5C1U SPOT										0.00	0	0
Total For FS5C1U										0.00	0	0
FS5D1L On 20/02/2021 Spot Bond			100.00000	4.02645	100.00000	4.01658				0.00	0	0
Total FS5D1U SPOT										0.00	0	0
Total For FS5D1U										0.00	0	0
FS5E1L On 20/02/2021 Spot Bond			100.00000	4.02645	100.00000	4.01658				0.00	0	0
Total FS5E1U 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 FS5E1U									0.00	0	0
GBL02 On 15/10/2018 Spot Bond				100.00000	0.00000	101.47975			0.00	0	0
Total GBL02 SPOT									0.00	0	0
Total For GBL02									0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.65632			0.00	473,026,800	236,513,400
Total GH31A1 SPOT									0.00	473,026,800	236,513,400
Total For GH31A1									0.00	473,026,800	236,513,400
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.46494			0.00	0	0
Total GH31A2 SPOT									0.00	0	0
Total For GH31A2									0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.47004			0.00	0	0
Total GH31A3 SPOT									0.00	0	0
Total For GH31A3									0.00	0	0
GH31B On 25/02/2042 Spot Bond				100.00000	0.00000	100.50316			0.00	0	0
Total GH31B SPOT									0.00	0	0
Total For GH31B									0.00	0	0
GH31C On 25/02/2042 Spot Bond				100.00000	0.00000	100.54385			0.00	0	0
Total GH31C SPOT									0.00	0	0
Total For GH31C									0.00	0	0
GH31D On 25/02/2042 Spot Bond				100.00000	0.00000	100.56925			0.00	0	0
Total GH31D SPOT									0.00	0	0
Total For GH31D									0.00	0	0
GH41U On 25/10/2047 Spot Bond			100.00000		100.00000	0.00000			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	100.14878			0.00	0	0
Total GPT41 SPOT									0.00	0	0
Total For GPT41									0.00	0	0
GRB01 On 08/12/2019 Spot Bond			100.00000	20.23607	100.00000	20.18705			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	82.56352	100.00000	82.38206		242,800,000,000,000.00	0.00	2,428,000,000	1,214,000,000
Total GRB02U SPOT								12,800,000,000,000.00		2,428,000,000	1,214,000,000

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 GRB02U										12,800,000,000,000.00	2,428,000,000	1,214,000,000
GRB03 On 03/03/2019 Spot Bond			100.00000	27.65276	100.00000	27.58577				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	16.73437	100.00000	16.69383				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	28.23818	100.00000	28.16977				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	16.98079	100.00000	16.93965				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	4.03056	100.00000	4.02291				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	88.59223	100.00000	88.37772				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	64.48892	100.00000	64.36657				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	42.18351	100.00000	42.13668				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	32.24446	100.00000	32.18329				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	18.74823	100.00000	18.72741				0.00	0	0
Total GRB14U SPOT										0.00	0	0
Total For GRB14U										0.00	0	0
GRB15 On 31/01/2020 Spot Bond			100.00000	16.12223	100.00000	16.09164				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	8.33255	100.00000	8.32329				0.00	0	0
Total GRB16U 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 GRB16U										0.00	0	0
GRB17 On 29/01/2021 Spot Bond			100.00000	8.09179	100.00000	8.07644				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	3.70747	100.00000	3.70335				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	4.03056	100.00000	4.02291				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	16.90912	100.00000	16.85722				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	11.91844	100.00000	11.88185				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	9.32825	100.00000	9.29961				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	12.15654	100.00000	12.11859				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
Total For GRH1A2										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	101.36531				0.00	386,595,600	193,297,800
Total GRH1A3 SPOT										0.00	386,595,600	193,297,800
Total For GRH1A3										0.00	386,595,600	193,297,800
GRH1B On 25/10/2017 Spot Bond				100.00000	0.00000	101.25535				0.00	0	0
Total GRH1B 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 GRH1B										0.00	0	0
GRH1C On 25/10/2017 Spot Bond				100.00000	0.00000	101.32172				0.00	0	0
Total GRH1C SPOT										0.00	0	0
Total For GRH1C										0.00	0	0
GRH1Y On 25/10/2039 Spot Bond			100.00000		100.00000	0.00000				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	100.26316				0.00	0	0
Total GRT06 SPOT										0.00	0	0
Total For GRT06										0.00	0	0
GRT07 On 21/02/2024 Spot Bond				100.00000	0.00000	100.94090				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	101.95875				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	101.71208				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	100.72000				0.00	0	0
Total GRT10 SPOT										0.00	0	0
Total For GRT10										0.00	0	0
GRT11 On 13/05/2021 Spot Bond				100.00000	0.00000	100.70512				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	102.34434				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	101.37012				0.00	0	0
Total GRT13 SPOT										0.00	0	0
Total For GRT13										0.00	0	0
GRT14 On 15/09/2021 Spot Bond				100.00000	0.00000	99.97075				0.00	0	0
Total GRT14 SPOT										0.00	0	0
Total For GRT14										0.00	0	0
GRT15 On 15/04/2020 Spot Bond				100.00000	0.00000	101.49817				0.00	200,000,000	100,000,000
Total GRT15 SPOT										0.00	200,000,000	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 GRT15										0.00	200,000,000	100,000,000
GRT16 On 17/10/2021 Spot Bond				100.00000	0.00000	101.40940				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			9.43500	104.93802	9.43500	104.91159				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	99.99998				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	100.16924				0.00	0	0
Total GRT19 SPOT										0.00	0	0
Total For GRT19										0.00	0	0
GRT20 On 03/04/2024 Spot Bond				100.00000	0.00000	102.07563				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			10.06500	101.53428	10.06500	100.48852				0.00	0	0
Total GRT21 SPOT										0.00	0	0
Total For GRT21										0.00	0	0
GRX01 On 30/06/2032 Spot Bond			100.00000	0.00008	100.00000	0.00008				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	115.74041				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	110.82192				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	101.00701				0.00	0	0
Total HC1M3 SPOT										0.00	0	0
Total For HC1M3										0.00	0	0
HC2T1 On 05/10/2017 Spot Bond				100.00000	0.00000	101.65998				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	102.02938				0.00	1,660,328,400	830,164,200
Total HC3T1 SPOT										0.00	1,660,328,400	830,164,200

Contract 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 HC3T1										0.00	1,660,328,400	830,164,200
HC4T1 On 15/12/2017 Spot Bond				100.00000	0.00000	99.95194				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	21.18500	100.00000	21.13368				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	99.99994				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	101.02676				0.00	0	0
Total HILB03 SPOT										0.00	0	0
Total For HILB03										0.00	0	0
HILB04 On 01/11/2019 Spot Bond				100.00000	0.00000	100.69604				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	101.57576				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	101.59266				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	101.61157				0.00	0	15,000,000
Total HILB07 SPOT										0.00	0	15,000,000
Total For HILB07										0.00	0	15,000,000
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
Total For HM1B6U										0.00	0	0
HM1B8 On 19/07/2048 Spot Bond			100.00000	9.90373	100.00000	9.87947				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	9.90373	100.00000	9.87947				0.00	0	0
Total HM1B9U 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 HM1B9U										0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	10.50600	100.00000	10.48027				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	10.50600	100.00000	10.48027				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	11.28036	100.00000	11.25273				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	11.28036	100.00000	11.25273				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	12.22680	100.00000	12.19685				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
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

Contract 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 HMS1F2									0.00	0	0
HMS1C 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	108.72900	10.00000	108.70100			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	100.62129			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	100.70042			0.00	190,000,000	95,000,000
Total HPF07 SPOT									0.00	190,000,000	95,000,000
Total For HPF07									0.00	190,000,000	95,000,000
HPF08 On 15/04/2019 Spot Bond				100.00000	0.00000	101.60150			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	101.46217			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	100.64433			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			8.27500	107.58524	8.27500	107.56115			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	20.29486	100.00000	20.24945			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	282.55356	3.10000	282.47439			0.00	0	146,300,000
Total HWAY23 SPOT									0.00	0	146,300,000
Total For HWAY23									0.00	0	146,300,000
HWAY2 On 07/12/2024 Spot Bond			2.81000	118.14008	2.81000	292.48382			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			3.08000	99.62974	3.08000	99.60193			0.00	0	0
Total HWAY33 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 HWAY33									0.00	0	0
HWAY3 On 31/07/2034 Spot Bond			10.51500	93.44994	10.51500	93.42349			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	12.48851	100.00000	12.46057			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			10.48500	93.46944	10.48500	93.44306			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	12.48846	100.00000	12.46052			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	101.36411			0.00	1,600,000,000	400,000,000
Total HWF08 SPOT									0.00	1,600,000,000	400,000,000
Total For HWF08									0.00	1,600,000,000	400,000,000
HWF09 On 19/09/2019 Spot Bond			100.00000		0.00000	99.92556			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	25.40172	100.00000	25.34019			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	108.72900	10.00000	108.70100			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	127.95702	2.47000	128.01236		113,236,800,000,000.00	45,660,000,000	72,420,587,100	
Total I2025 SPOT								13,236,800,000,000.00	45,660,000,000	72,420,587,100	
Total For I2025								13,236,800,000,000.00	45,660,000,000	72,420,587,100	
I2029 On 31/03/2029 Spot Bond			2.42000	99.60248	2.42000	99.57640		71,564,678,746,000.00	29,572,181,300	34,326,022,400	
Total I2029 SPOT								*1,564,678,746,000.00	29,572,181,300	34,326,022,400	
Total For I2029								*1,564,678,746,000.00	29,572,181,300	34,326,022,400	
I2033 On 28/02/2033 Spot Bond			2.45000	104.21903	2.45000	104.19169		145,088,791,260,000.00	59,219,914,800	62,231,647,400	
Total I2033 SPOT								15,088,791,260,000.00	59,219,914,800	62,231,647,400	
Total For I2033								15,088,791,260,000.00	59,219,914,800	62,231,647,400	
I2038 On 31/01/2038 Spot Bond			2.35000	130.29904	2.37000	129.84252		18,612,000,000,000.00	7,920,000,000	179,975,457,800	
Total I2038 SPOT								18,612,000,000,000.00	7,920,000,000	179,975,457,800	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For I2038									18,612,000,000,000.00	7,920,000,000	179,975,457,800
I2046 On 31/03/2046 Spot Bond			2.42000	126.47082	2.42000	126.43770			7,647,200,000,000.00	3,160,000,000	93,888,311,700
Total I2046 SPOT									7,647,200,000,000.00	3,160,000,000	93,888,311,700
Total For I2046									7,647,200,000,000.00	3,160,000,000	93,888,311,700
I2050 On 31/12/2050 Spot Bond			2.40000	135.72949	2.40000	135.69392			6,720,000,000,000.00	2,800,000,000	124,012,727,345
Total I2050 SPOT									6,720,000,000,000.00	2,800,000,000	124,012,727,345
Total For I2050									6,720,000,000,000.00	2,800,000,000	124,012,727,345
IBL02U On 24/05/2022 Spot Bond			100.00000	12.58741	100.00000	12.54811			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	100.48896			0.00	0	0
Total IBL100 SPOT									0.00	0	0
Total For IBL100									0.00	0	0
IBL101 On 24/05/2022 Spot Bond			8.91000	101.15620	8.91000	101.13224			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	100.49975			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	55.05127	100.00000	49.33385			0.00	0	15,000,000,000
Total IBL103 SPOT									0.00	0	15,000,000,000
Total For IBL103									0.00	0	15,000,000,000
IBL22 On 15/03/2018 Spot Bond			8.47500	103.52714	8.47500	103.50379			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	99.87882	3.01500	145.33025			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			8.59500	101.85499	8.59500	101.83158			0.00	0	0
Total IBL39 SPOT									0.00	0	0
Total For IBL39									0.00	0	0
IBL42 On 15/06/2017 Spot Bond				100.00000	0.00000	99.96101			0.00	700,000,000	4,350,000,000
Total IBL42 SPOT									0.00	700,000,000	4,350,000,000
Total For IBL42									0.00	700,000,000	4,350,000,000
IBL43/J On 25/11/2020 Spot Bond			10.00000	108.72900	10.00000	108.70100			0.00	0	0
Total IBL43/JIBAR SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IBL43/JIBAR										0.00	0	0
IBL45 On 21/12/2018 Spot Bond			8.79500	98.74160	8.79500	98.71825				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			9.05500	98.91308	9.05500	98.88889				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			8.78500	100.34631	8.78500	100.32274				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	101.44334	7.34000	101.42336				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			9.04500	103.44559	9.04500	103.42031				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	100.99322				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			8.57500	102.49485	8.57500	102.47108				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	101.07840				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			8.53500	103.98887	8.53500	103.96486				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			9.59500	106.48643	9.59500	106.45886				0.00	0	0
Total IBL60 SPOT										0.00	0	0
Total For IBL60										0.00	0	0
IBL61 On 31/03/2019 Spot Bond				100.00000	0.00000	101.56180				0.00	0	0
Total IBL61 SPOT										0.00	0	0
Total For IBL61										0.00	0	0
IBL63 On 29/07/2017 Spot Bond				100.00000	0.00000	101.03067				0.00	0	0
Total IBL63 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 IBL63										0.00	0	0
IBL64 On 29/07/2019 Spot Bond				100.00000	0.00000	100.51757				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	101.01604				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	100.12952				0.00	0	500,000,000
Total IBL66 SPOT										0.00	0	500,000,000
Total For IBL66										0.00	0	500,000,000
IBL67 On 31/01/2022 Spot Bond			3.74500	140.92156	3.74500	140.87947				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	101.92012				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	43.55561	100.00000	43.44894				0.00	0	0
Total IBL69U SPOT										0.00	0	0
Total For IBL69U										0.00	0	0
IBL73 On 19/08/2018 Spot Bond				100.00000	0.00000	100.72102				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	100.62606				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				109.51259	0.00000	100.89700				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	100.47512				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			9.64500	102.15660	9.64500	102.13045				0.00	0	0
Total IBL78 SPOT										0.00	0	0
Total For IBL78										0.00	0	0
IBL79 On 27/01/2019 Spot Bond			8.36500	106.22177	8.36500	106.19773				0.00	0	0
Total IBL79 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 IBL79										0.00	0	0
IBL80U On 02/02/2019 Spot Bond			100.00000	30.76169	100.00000	30.68716				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	13.31072	100.00000	13.27848				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	101.06321				0.00	0	0
Total IBL82 SPOT										0.00	0	0
Total For IBL82										0.00	0	0
IBL83 On 22/03/2019 Spot Bond				100.00000	0.00000	99.79303				0.00	0	0
Total IBL83 SPOT										0.00	0	0
Total For IBL83										0.00	0	0
IBL84U On 21/04/2019 Spot Bond			100.00000	31.24833	100.00000	31.17179				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	100.90096				0.00	1,496,000,000	988,000,000
Total IBL85 SPOT										0.00	1,496,000,000	988,000,000
Total For IBL85										0.00	1,496,000,000	988,000,000
IBL86 On 20/05/2021 Spot Bond				100.00000	0.00000	102.05749				0.00	0	0
Total IBL86 SPOT										0.00	0	0
Total For IBL86										0.00	0	0
IBL87 On 20/05/2019 Spot Bond			8.66500	102.54310	8.66500	102.51947				0.00	0	0
Total IBL87 SPOT										0.00	0	0
Total For IBL87										0.00	0	0
IBL88 On 20/05/2021 Spot Bond			8.97500	105.06276	8.97500	105.03770				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	14.60184	100.00000	14.56970				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	100.47217				0.00	0	0
Total IBL89 SPOT										0.00	0	0
Total For IBL89										0.00	0	0
IBL90U On 20/05/2019 Spot Bond			100.00000	29.75573	100.00000	29.68365				0.00	0	0
Total IBL90U 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 IBL90U									0.00	0	0
IBL91 On 02/06/2018 Spot Bond				100.00000	0.00000	100.26851			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	101.54431			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	100.48789			0.00	1,228,000,000	614,000,000
Total IBL93 SPOT									0.00	1,228,000,000	614,000,000
Total For IBL93									0.00	1,228,000,000	614,000,000
IBL94 On 06/09/2019 Spot Bond				100.00000	0.00000	100.37557			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	100.02310			0.00	0	0
Total IBL95 SPOT									0.00	0	0
Total For IBL95									0.00	0	0
IBL96 On 21/09/2019 Spot Bond				100.00000	0.00000	99.81727			0.00	0	0
Total IBL96 SPOT									0.00	0	0
Total For IBL96									0.00	0	0
IBL97 On 03/10/2019 Spot Bond				100.00000	0.00000	101.73437			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	101.81362			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			8.53500	102.28083	8.53500	102.25748			0.00	0	0
Total IBL99 SPOT									0.00	0	0
Total For IBL99									0.00	0	0
IDC01L On 08/11/2026 Spot Bond			100.00000	0.04894	100.00000	0.04883			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	101.18583			0.00	0	0
Total IDCG02 SPOT									0.00	0	0
Total For IDCG02									0.00	0	0
IDCG03 On 22/10/2020 Spot Bond			9.29500	98.48864	9.29500	98.46420			0.00	0	0
Total IDCG03 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 IDCG03										0.00	0	0
IDCG04 On 24/11/2017 Spot Bond				100.00000	0.00000	100.45914				0.00	0	0
Total IDCG04 SPOT										0.00	0	0
Total For IDCG04										0.00	0	0
IDCG05 On 24/11/2019 Spot Bond				100.00000	0.00000	100.38484				0.00	0	0
Total IDCG05 SPOT										0.00	0	0
Total For IDCG05										0.00	0	0
IDCG06 On 24/11/2024 Spot Bond			10.36500	96.37615	10.36500	96.34969				0.00	0	0
Total IDCG06 SPOT										0.00	0	0
Total For IDCG06										0.00	0	0
IDCG07 On 13/11/2020 Spot Bond				100.00000	0.00000	100.71983				0.00	0	0
Total IDCG07 SPOT										0.00	0	0
Total For IDCG07										0.00	0	0
IDCG08 On 13/05/2030 Spot Bond			11.36500	100.35629	11.36500	100.31593				0.00	0	0
Total IDCG08 SPOT										0.00	0	0
Total For IDCG08										0.00	0	0
IDCG09 On 05/12/2019 Spot Bond				100.00000	0.00000	100.19657				0.00	0	0
Total IDCG09 SPOT										0.00	0	0
Total For IDCG09										0.00	0	0
IDCG10 On 05/12/2021 Spot Bond				100.00000	0.00000	100.19919				0.00	0	0
Total IDCG10 SPOT										0.00	0	0
Total For IDCG10										0.00	0	0
IDCG11 On 05/12/2026 Spot Bond			10.46500	102.24261	10.46500	102.21412				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	100.74727	5.00000	100.73371				0.00	0	0
Total IDCP04 SPOT										0.00	0	0
Total For IDCP04										0.00	0	0
IDCP05 On 14/03/2018 Spot Bond			4.00000	100.99505	4.00000	100.98418				0.00	0	0
Total IDCP05 SPOT										0.00	0	0
Total For IDCP05										0.00	0	0
IDCP06 On 17/10/2019 Spot Bond			4.00000	100.62960	4.00000	100.61871				0.00	0	0
Total IDCP06 SPOT										0.00	0	0
Total For IDCP06										0.00	0	0
IDCP1U On 18/05/2024 Spot Bond			100.00000	7.34416	100.00000	7.32799				0.00	0	0
Total IDCP1U 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 IDCP1U										0.00	0	0
IFC01 On 10/12/2024 Spot Bond			8.76500	99.84996	8.76500	99.82656				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			7.68500	104.97050	7.68500	104.94887				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	7.29700	100.00000	7.27932				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	89.90148	100.00000	89.68059				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	88.11998	100.00000	87.91312				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	6.35170	100.00000	6.33965				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	12.08522	100.00000	12.05562				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	20.65693	100.00000	20.60689				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	22.99650	100.00000	22.94018				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	12.02150	100.00000	11.99475				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	15.92184	100.00000	15.88327				0.00	0	0
Total IN306U SPOT										0.00	0	0
Total For IN306U										0.00	0	0
IN313U On 11/12/2018 Spot Bond			100.00000	39.42612	100.00000	39.33061				0.00	0	0
Total IN313U 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 IN313U										0.00	0	0
IN318U On 25/06/2017 Spot Bond			100.00000	100.69971	100.00000	100.43261				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	100.77066	100.00000	100.50960				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	13.15697	100.00000	13.12510				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	16.18100	100.00000	16.14181				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	21.39771	100.00000	21.34587				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	13.75129	100.00000	13.71798				0.00	0	0
Total IN332U SPOT										0.00	0	0
Total For IN332U										0.00	0	0
IN334U On 21/09/2021 Spot Bond			100.00000	12.49068	100.00000	12.46043				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	84.09685	100.00000	83.90913			60,000,000,000,000.00		600,000,000	300,000,000
Total IN339U SPOT									60,000,000,000,000.00		600,000,000	300,000,000
Total For IN339U									60,000,000,000,000.00		600,000,000	300,000,000
IN341U On 01/03/2018 Spot Bond			100.00000	57.30129	100.00000	57.16248				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	9.74199	100.00000	9.72043				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
Total For IN343U										0.00	0	0
IN345U On 31/01/2030 Spot Bond			100.00000	10.80408	100.00000	10.77990				0.00	0	0
Total IN345U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IN345U										0.00	0	0
IN346U On 15/04/2018 Spot Bond			100.00000	64.21065	100.00000	64.05338				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	10.37727	100.00000	10.35418				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	97.30426	100.00000	97.05217				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	1.76682	100.00000	1.76254				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	102.26524				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	84.54965				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	108.72900	10.00000	108.70100				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	102.21976				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	104.57791				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	96.81537				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	101.07244				0.00	0	0
Total INLV01 SPOT										0.00	0	0
Total For INLV01										0.00	0	0
INLV02 On 20/10/2025 Spot Bond				100.00000	0.00000	102.90765				0.00	0	0
Total INLV02 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 INLV02										0.00	0	0
INLV03 On 11/02/2021 Spot Bond				100.00000	0.00000	101.06581				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			11.33500	108.50437	11.33500	108.47132				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	108.72900	10.00000	108.70100				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	101.72794				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	101.75193				0.00	0	0
Total IPF08 SPOT										0.00	0	0
Total For IPF08										0.00	0	0
IPF09 On 01/07/2019 Spot Bond				100.00000	0.00000	102.24071				0.00	0	0
Total IPF09 SPOT										0.00	0	0
Total For IPF09										0.00	0	0
IPF11 On 15/10/2018 Spot Bond			100.00000	45.04029	100.00000	44.92998				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	101.37317				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	100.19929				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	99.86323				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	99.85922				0.00	1,000,000,000	0
Total IPF15 SPOT										0.00	1,000,000,000	0
Total For IPF15										0.00	1,000,000,000	0
IPF16 On 17/12/2021 Spot Bond				100.00000	0.00000	99.85682				0.00	0	0
Total IPF16 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 IPF16									0.00	0	0
IPF17 On 22/12/2020 Spot Bond				100.00000	0.00000	102.03859			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	102.06127			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	102.08395			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	99.86363			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	99.85851			0.00	0	0
Total IPF21 SPOT									0.00	0	0
Total For IPF21									0.00	0	0
IPFC14 On 26/07/2017 Spot Bond				100.00000	0.00000	101.56388			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			9.36500	100.64017	9.36500	100.61514			0.00	0	1,902,000,000
Total IPL10 SPOT									0.00	0	1,902,000,000
Total For IPL10									0.00	0	1,902,000,000
IPL11 On 24/05/2022 Spot Bond				100.00000	0.00000	100.52390			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			8.42500	102.38493	8.42500	102.36187		635,245,000,000.00		75,400,000	37,700,000
Total IPL6 SPOT								635,245,000,000.00		75,400,000	37,700,000
Total For IPL6								635,245,000,000.00		75,400,000	37,700,000
IPL6/R2 On 28/09/2017 Spot Bond			100.00000	81.28418	100.00000	81.11197		0.00	0	0	0
Total IPL6/R203 SPOT								0.00	0	0	0
Total For IPL6/R203								0.00	0	0	0
IPL7 On 05/04/2018 Spot Bond				100.00000	0.00000	101.68821		0.00	0	0	0
Total IPL7 SPOT								0.00	0	0	0
Total For IPL7								0.00	0	0	0
IPL7/JIB On 05/04/2018 Spot Bond			100.00000	65.91993	100.00000	65.75849		0.00	0	0	0
Total IPL7/JIBAR SPOT								0.00	0	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IPL7/JIBAR										0.00	0	0
IPL8 On 10/10/2020 Spot Bond				100.00000	0.00000	101.75360				0.00	0	0
Total IPL8 SPOT										0.00	0	0
Total For IPL8										0.00	0	0
IPL8/JIB On 10/10/2020 Spot Bond			100.00000	15.75737	100.00000	15.71878				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	100.15686				0.00	0	0
Total IPL9 SPOT										0.00	0	0
Total For IPL9										0.00	0	0
IV015 On 20/09/2022 Spot Bond				100.00000	0.00000	99.99057				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	101.01615	2.75000	101.00852				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			5.68000	137.00321	5.68000	136.95538				0.00	0	0
Total IV019 SPOT										0.00	0	0
Total For IV019										0.00	0	0
IV023 On 11/07/2022 Spot Bond				100.00000	0.00000	101.71458				0.00	0	0
Total IV023 SPOT										0.00	0	0
Total For IV023										0.00	0	0
IV024 On 27/07/2022 Spot Bond				100.00000	0.00000	101.29142				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	98.91167				0.00	0	150,200,000
Total IV025 SPOT										0.00	0	150,200,000
Total For IV025										0.00	0	150,200,000
IV026 On 27/09/2024 Spot Bond				100.00000	0.00000	100.86488				0.00	0	0
Total IV026 SPOT										0.00	0	0
Total For IV026										0.00	0	0
IV030 On 31/01/2025 Spot Bond			4.47000	110.56919	4.47000	111.49919				0.00	0	0
Total IV030 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 IV030										0.00	0	0
IV030A On 31/01/2025 Spot Bond			4.47000	110.47702	4.47000	111.49919				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	100.02667				0.00	0	0
Total IV031 SPOT										0.00	0	0
Total For IV031										0.00	0	0
IV032 On 14/08/2023 Spot Bond				100.00000	0.00000	102.37095				0.00	0	800,000,000
Total IV032 SPOT										0.00	0	800,000,000
Total For IV032										0.00	0	800,000,000
IV033 On 11/02/2021 Spot Bond				100.00000	0.00000	101.80223				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			11.23500	107.82448	11.23500	107.79192				0.00	0	0
Total IV034 SPOT										0.00	0	0
Total For IV034										0.00	0	0
IV035 On 07/04/2022 Spot Bond				100.00000	0.00000	104.61233				0.00	0	0
Total IV035 SPOT										0.00	0	0
Total For IV035										0.00	0	0
IV036 On 22/07/2021 Spot Bond				100.00000	0.00000	101.59910				0.00	0	0
Total IV036 SPOT										0.00	0	0
Total For IV036										0.00	0	0
IV038 On 23/09/2021 Spot Bond				100.00000	0.00000	99.69720				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	127.61039	5.19500	132.50046				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	102.42190				0.00	0	0
Total IV040 SPOT										0.00	0	0
Total For IV040										0.00	0	0
IV041 On 29/09/2021 Spot Bond			11.58500	103.73715	11.58500	103.70540				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	100.83352				0.00	0	0
Total IV042 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 IV042										0.00	0	0
IV043 On 21/11/2026 Spot Bond			11.47500	106.61074	11.47500	104.25052				0.00	0	0
Total IV043 SPOT										0.00	0	0
Total For IV043										0.00	0	0
IV044 On 31/01/2027 Spot Bond				100.00000	0.00000	101.33343				0.00	0	0
Total IV044 SPOT										0.00	0	0
Total For IV044										0.00	0	0
IV045 On 31/01/2027 Spot Bond			5.44500	117.92780	5.44500	131.11518				0.00	0	0
Total IV045 SPOT										0.00	0	0
Total For IV045										0.00	0	0
IV057U On 14/07/2018 Spot Bond			100.00000	38.05499	100.00000	37.96179				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			9.06500	105.50830	9.06500	105.48289				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	101.91250				0.00	0	0
Total IV09 SPOT										0.00	0	0
Total For IV09										0.00	0	0
IV100U On 19/12/2022 Spot Bond			100.00000	2.18675	100.00000	2.18260				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			4.43000	153.30734	4.43000	153.25891				0.00	0	0
Total IV19A SPOT										0.00	0	0
Total For IV19A										0.00	0	0
IVA677 On 15/06/2017 Spot Bond			7.60000	99.97918	7.60000	99.85446				0.00	0	0
Total IVA677 SPOT										0.00	0	0
Total For IVA677										0.00	0	0
IVA680 On 06/07/2017 Spot Bond			7.60000	99.54401	7.60000	99.42037				0.00	0	0
Total IVA680 SPOT										0.00	0	0
Total For IVA680										0.00	0	0
IVA681 On 13/07/2017 Spot Bond			7.75000	99.38801	7.75000	99.26233				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			7.75000	99.24141	7.75000	99.11610				0.00	0	0
Total IVA682 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 IVA682										0.00	0	0
IVA686 On 17/08/2017 Spot Bond			7.85000	98.64225	7.85000	98.51685				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			7.85000	98.49598	7.85000	98.37095				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			7.85000	98.20474	7.85000	98.08044				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			100.00000	79.86871	100.00000	79.69432			330,000,000,000,000.00	23,300,000,000	23,300,000,000	
Total IVA690 SPOT									30,000,000,000,000.00	23,300,000,000	23,300,000,000	
Total For IVA690									30,000,000,000,000.00	23,300,000,000	23,300,000,000	
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	108.72900	10.00000	108.70100				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	101.58696				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	101.55297				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	101.37667				0.00	0	0
Total IVC021 SPOT										0.00	0	0
Total For IVC021										0.00	0	0
IVC027 On 03/04/2019 Spot Bond				100.00000	0.00000	101.78666				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	101.84876				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	101.88967				0.00	0	0
Total IVC034 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC034										0.00	0	0
IVC035 On 30/06/2019 Spot Bond				100.00000	0.00000	97.46484				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			9.13500	104.09738	9.13500	104.07168				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	29.64958	100.00000	29.58323				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	24.51605	100.00000	24.45601				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			9.10500	104.44858	9.10500	104.42289				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	101.05580				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	101.30857				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	101.14981				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	100.56801				0.00	0	0
Total IVC049 SPOT										0.00	0	0
Total For IVC049										0.00	0	0
IVC050 On 03/12/2017 Spot Bond				100.00000	0.00000	100.20258				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	101.05430				0.00	0	800,000,000
Total IVC051 SPOT										0.00	0	800,000,000
Total For IVC051										0.00	0	800,000,000
IVC053 On 11/02/2018 Spot Bond				100.00000	0.00000	100.85742				0.00	0	0
Total IVC053 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 IVC053										0.00	0	0
IVC055 On 26/03/2020 Spot Bond				100.00000	0.00000	102.00178				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	101.07284				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	101.93253				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	100.96936				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	100.12942				0.00	660,000,000	330,000,000
Total IVC064 SPOT										0.00	660,000,000	330,000,000
Total For IVC064										0.00	660,000,000	330,000,000
IVC065 On 10/09/2018 Spot Bond				100.00000	0.00000	100.02413				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	98.92473	100.00000	98.65952				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	101.13085				0.00	0	0
Total IVC067 SPOT										0.00	0	0
Total For IVC067										0.00	0	0
IVC070 On 20/01/2019 Spot Bond				100.00000	0.00000	102.07891				0.00	500,000,000	250,000,000
Total IVC070 SPOT										0.00	500,000,000	250,000,000
Total For IVC070										0.00	500,000,000	250,000,000
IVC075 On 21/04/2019 Spot Bond				100.00000	0.00000	101.39935				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	101.19121				0.00	500,000,000	250,000,000
Total IVC077 SPOT										0.00	500,000,000	250,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC077										0.00	500,000,000	250,000,000
IVC081 On 14/07/2019 Spot Bond				100.00000	0.00000	101.46041				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	15.54915	100.00000	15.51107				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	100.78277				0.00	940,000,000	470,000,000
Total IVC086 SPOT										0.00	940,000,000	470,000,000
Total For IVC086										0.00	940,000,000	470,000,000
IVC087 On 07/10/2018 Spot Bond				100.00000	0.00000	101.50615				0.00	0	0
Total IVC087 SPOT										0.00	0	0
Total For IVC087										0.00	0	0
IVC088 On 12/04/2019 Spot Bond				100.00000	0.00000	101.46861				0.00	0	0
Total IVC088 SPOT										0.00	0	0
Total For IVC088										0.00	0	0
IVC089 On 31/10/2018 Spot Bond				100.00000	0.00000	100.99318				0.00	0	0
Total IVC089 SPOT										0.00	0	0
Total For IVC089										0.00	0	0
IVC090 On 31/10/2018 Spot Bond				100.00000	0.00000	101.01024				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	100.53184				0.00	0	0
Total IVC092 SPOT										0.00	0	0
Total For IVC092										0.00	0	0
IVC093 On 23/11/2018 Spot Bond				100.00000	0.00000	100.51034				0.00	0	0
Total IVC093 SPOT										0.00	0	0
Total For IVC093										0.00	0	0
IVC094 On 06/12/2021 Spot Bond			9.95500	103.22503	9.95500	103.19764				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	102.01805				0.00	0	707,500,000
Total IVC097 SPOT										0.00	0	707,500,000

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 For IVC097									0.00	0	707,500,000
IVC098 On 14/06/2018 Spot Bond			8.53500	100.40866	8.53500	100.38560			0.00	0	0
Total IVC098 SPOT									0.00	0	0
Total For IVC098									0.00	0	0
IVC101 On 24/01/2019 Spot Bond				100.00000	0.00000	101.18973			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	101.18626			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	102.04914			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	100.02814			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	99.99997			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	101.87748			0.00	0	0
Total IVC107 SPOT									0.00	0	0
Total For IVC107									0.00	0	0
IVC108 On 29/07/2019 Spot Bond				100.00000	0.00000	101.71945			0.00	0	0
Total IVC108 SPOT									0.00	0	0
Total For IVC108									0.00	0	0
IVC109 On 19/05/2021 Spot Bond				100.00000	0.00000	100.68324			0.00	0	0
Total IVC109 SPOT									0.00	0	0
Total For IVC109									0.00	0	0
IVC110 On 19/05/2021 Spot Bond			9.60500	101.20610	9.60500	101.18030			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	100.61602			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	100.49181			0.00	0	0
Total IVC112 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 IVC112										0.00	0	0
IVC113 On 26/08/2018 Spot Bond				100.00000	0.00000	100.45822				0.00	0	0
Total IVC113 SPOT										0.00	0	0
Total For IVC113										0.00	0	0
IVC68U On 07/12/2021 Spot Bond			100.00000	4.47431	100.00000	4.46582				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	65.94186	100.00000	65.78212				0.00	0	0
Total IVC73U SPOT										0.00	0	0
Total For IVC73U										0.00	0	0
IVC74U On 22/09/2018 Spot Bond			100.00000	45.22976	100.00000	45.12020				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	6.46733	100.00000	6.45506				0.00	0	0
Total IVC80U SPOT										0.00	0	0
Total For IVC80U										0.00	0	0
IVC84U On 01/08/2022 Spot Bond			100.00000	2.85274	100.00000	2.84733				0.00	0	0
Total IVC84U SPOT										0.00	0	0
Total For IVC84U										0.00	0	0
IVC85U On 12/08/2022 Spot Bond			100.00000	2.79377	100.00000	2.78847				0.00	0	0
Total IVC85U SPOT										0.00	0	0
Total For IVC85U										0.00	0	0
IVC91U On 07/11/2022 Spot Bond			100.00000	2.36831	100.00000	2.36381				0.00	0	0
Total IVC91U SPOT										0.00	0	0
Total For IVC91U										0.00	0	0
IVC95U On 02/12/2021 Spot Bond			100.00000	4.51699	100.00000	4.50842				0.00	0	0
Total IVC95U SPOT										0.00	0	0
Total For IVC95U										0.00	0	0
IVC96U On 02/12/2022 Spot Bond			100.00000	2.25850	100.00000	2.25421				0.00	0	0
Total IVC96U SPOT										0.00	0	0
Total For IVC96U										0.00	0	0
IVC99U On 14/12/2022 Spot Bond			100.00000	2.20761	100.00000	2.20342				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	101.23165				0.00	0	0
Total JAS01 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 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
KAP00 On 13/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total KAP001 SPOT										0.00	0	0
Total For KAP001										0.00	0	0
KAP00 On 13/06/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total KAP002 SPOT										0.00	0	0
Total For KAP002										0.00	0	0
KAP00 On 06/06/2019 Spot Bond				100.00000	0.00000	100.17939				0.00	0	0
Total KAP003 SPOT										0.00	0	0
Total For KAP003										0.00	0	0
KAP00 On 29/06/2018 Spot Bond				100.00000	0.00000	101.89378				0.00	0	0
Total KAP005 SPOT										0.00	0	0
Total For KAP005										0.00	0	0
KAP00 On 29/06/2021 Spot Bond				100.00000	0.00000	102.00769				0.00	0	0
Total KAP006 SPOT										0.00	0	0
Total For KAP006										0.00	0	0
KAP00 On 26/10/2021 Spot Bond			9.50500	103.88151	9.50500	103.85515				0.00	0	0
Total KAP007 SPOT										0.00	0	0
Total For KAP007										0.00	0	0
KAP00 On 28/11/2019 Spot Bond				100.00000	0.00000	100.39000				0.00	600,000,000	330,000,000
Total KAP008 SPOT										0.00	600,000,000	330,000,000
Total For KAP008										0.00	600,000,000	330,000,000
KAP00 On 24/05/2020 Spot Bond				100.00000	0.00000	100.51848				0.00	0	0
Total KAP009 SPOT										0.00	0	0
Total For KAP009										0.00	0	0
KAP04 On 01/07/2019 Spot Bond			100.00000	26.45186	100.00000	26.38708				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	102.83644				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	101.23702				0.00	0	0
Total KSB008 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 KSB008									0.00	0	0
KSB00: On 05/08/2020 Spot Bond				100.00000	0.00000	101.20584			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			8.91500	132.25129	8.91500	132.21995			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	99.79002			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	99.85432			0.00	128,000,000	64,000,000
Total LBK07 SPOT									0.00	128,000,000	64,000,000
Total For LBK07									0.00	128,000,000	64,000,000
LBK08 On 30/10/2019 Spot Bond				100.00000	0.00000	101.17865			0.00	1,400,000,000	700,000,000
Total LBK08 SPOT									0.00	1,400,000,000	700,000,000
Total For LBK08									0.00	1,400,000,000	700,000,000
LBK08/ On 30/10/2019 Spot Bond			100.00000	23.88206	100.00000	23.82357			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			9.62500	100.42428	9.62500	100.39863			0.00	0	0
Total LBK11 SPOT									0.00	0	0
Total For LBK11									0.00	0	0
LBK11/ On 28/11/2019 Spot Bond			9.62000	100.43498	9.62000	100.40935			0.00	0	0
Total LBK11/R207 SPOT									0.00	0	0
Total For LBK11/R207									0.00	0	0
LBK12L On 25/02/2020 Spot Bond			9.71000	102.89612	9.71000	102.86917			0.00	0	0
Total LBK12U SPOT									0.00	0	0
Total For LBK12U									0.00	0	0
LBK14L On 31/03/2018 Spot Bond			100.00000	66.89442	100.00000	66.73059			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	101.77176			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	100.36288			0.00	0	0
Total LBK16 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 LBK16									0.00	0	0
LBK17 On 22/03/2020 Spot Bond				100.00000	0.00000	99.78444			0.00	1,640,000,000	820,000,000
Total LBK17 SPOT									0.00	1,640,000,000	820,000,000
Total For LBK17									0.00	1,640,000,000	820,000,000
LBK18 On 22/03/2022 Spot Bond				100.00000	0.00000	99.57384			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	99.77382			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			10.21000	100.12490	10.21000	100.09767			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			8.73500	102.36515	8.73500	102.34100		506,630,000,000.00		58,000,000	3,289,000,000
Total LGL02 SPOT								506,630,000,000.00		58,000,000	3,289,000,000
Total For LGL02								506,630,000,000.00		58,000,000	3,289,000,000
LGL03 On 03/04/2018 Spot Bond			9.37500	100.16901	9.37500	100.14394			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			9.50500	102.10252	9.50500	102.07633			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	100.20620			0.00	0	0
Total LGL05 SPOT									0.00	0	0
Total For LGL05									0.00	0	0
LGL06 On 04/10/2022 Spot Bond			9.74500	103.80082	9.74500	103.77383			0.00	0	2,500,000,000
Total LGL06 SPOT									0.00	0	2,500,000,000
Total For LGL06									0.00	0	2,500,000,000
LGL07 On 04/10/2022 Spot Bond				100.00000	0.00000	102.46736			0.00	0	0
Total LGL07 SPOT									0.00	0	0
Total For LGL07									0.00	0	0
LHL17 On 14/11/2018 Spot Bond				100.00000	0.00000	101.02771			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			12.86500	101.66549	12.86500	101.63104			0.00	0	0
Total LHL18 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 LHL18										0.00	0	0
LHL19 On 14/11/2019 Spot Bond			13.62500	102.52286	13.62500	102.48614				0.00	0	0
Total LHL19 SPOT										0.00	0	0
Total For LHL19										0.00	0	0
LHL22 On 13/09/2017 Spot Bond				100.00000	0.00000	99.99990				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	101.06662				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	102.22441				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 17/11/2019 Spot Bond				100.00000	0.00000	100.54475				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	100.96786				0.00	1,060,000,000	530,000,000
Total LRFB2 SPOT										0.00	1,060,000,000	530,000,000
Total For LRFB2										0.00	1,060,000,000	530,000,000
LRFC1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total LRFC1 SPOT										0.00	0	0
Total For LRFC1										0.00	0	0
LRFC2 On 20/11/2019 Spot Bond				100.00000	0.00000	100.61159				0.00	0	0
Total LRFC2 SPOT										0.00	0	0
Total For LRFC2										0.00	0	0
MAQ09 On 10/11/2017 Spot Bond				100.00000	0.00000	100.78704				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	100.08433				0.00	0	0
Total MAQ093 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For MAQ093									0.00	0	0
MAQ09 On 01/02/2018 Spot Bond				100.00000	0.00000	101.06000			0.00	0	0
Total MAQ096 SPOT									0.00	0	0
Total For MAQ096									0.00	0	0
MAQ09 On 15/06/2017 Spot Bond				100.00000	0.00000	99.95841			0.00	0	0
Total MAQ098 SPOT									0.00	0	0
Total For MAQ098									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	102.26007			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	101.90646			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	101.99576			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	102.18572			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	102.19962			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	102.12873			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	98.65020			0.00	0	0
Total MAQ101 SPOT									0.00	0	0
Total For MAQ101									0.00	0	0
MAQ10 On 15/06/2017 Spot Bond				100.00000	0.00000	99.95859			0.00	0	0
Total MAQ102 SPOT									0.00	0	0
Total For MAQ102									0.00	0	0
MBF03 On 01/10/2017 Spot Bond				100.00000	0.00000	101.88612			0.00	0	800,000,000
Total MBF030 SPOT									0.00	0	800,000,000

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 MBF030									0.00	0	800,000,000
MBF04: On 07/08/2017 Spot Bond				100.00000	0.00000	100.84303			0.00	0	0
Total MBF042 SPOT									0.00	0	0
Total For MBF042									0.00	0	0
MBF04: On 13/04/2018 Spot Bond				100.00000	0.00000	101.67959			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	100.92157			0.00	1,490,000,000	745,000,000
Total MBF046 SPOT									0.00	1,490,000,000	745,000,000
Total For MBF046									0.00	1,490,000,000	745,000,000
MBF04: On 07/06/2019 Spot Bond				100.00000	0.00000	100.67746			0.00	556,200,000	278,100,000
Total MBF047 SPOT									0.00	556,200,000	278,100,000
Total For MBF047									0.00	556,200,000	278,100,000
MBF04: On 14/03/2019 Spot Bond				100.00000	0.00000	100.46130			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	100.98200			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	29.87831	100.00000	29.80592			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	101.74772			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	102.37145			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	101.75713			0.00	0	0
Total MBF054 SPOT									0.00	0	0
Total For MBF054									0.00	0	0
MBF05: On 27/03/2020 Spot Bond				100.00000	0.00000	101.84228			0.00	2,212,000,000	1,106,000,000
Total MBF055 SPOT									0.00	2,212,000,000	1,106,000,000
Total For MBF055									0.00	2,212,000,000	1,106,000,000
MBLSA On 30/10/2017 Spot Bond			2.30000	99.13791	2.30000	98.40759			0.00	0	0
Total MBLSA2 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For MBLSA2										0.00	0	0
MBLSA On 11/12/2017 Spot Bond				100.00000	0.00000	97.03172				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	100.02247				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	101.49159				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	100.42912				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	94.53624	100.00000	94.29568				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	91.71516	100.00000	91.48871				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	91.73543	100.00000	91.50893				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	88.16089	100.00000	87.95394				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	100.99896				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			8.76500	101.88487	8.76500	101.86099				0.00	0	0
Total MBSA01 SPOT										0.00	0	0
Total For MBSA01										0.00	0	0
MBSA0 On 16/04/2019 Spot Bond			8.00000	103.17489	8.00000	103.15279				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			8.81500	101.58829	8.81500	101.56434				0.00	0	0
Total MBSA02 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For MBSA02									0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	101.43021	8.91000	101.40605			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	103.92661			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	104.07739			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			8.78500	104.90984	8.78500	104.88493			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.36000	106.78018	9.36000	106.75319			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.36000	106.78018	9.36000	106.75319			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	102.00493			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	102.00493			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MFS1B On 20/09/2019 Spot Bond			9.42500	103.89253	9.42500	104.03319			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MMIG0 On 17/03/2024 Spot Bond				100.00000	0.00000	99.31551			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MMIG0 On 17/03/2026 Spot Bond			9.23500	107.31728	9.23500	104.96603			0.00	0	400,000,000
Total MEFSA6 SPOT									0.00	0	400,000,000
Total For MEFSA6									0.00	0	400,000,000
MMIG0 On 01/06/2025 Spot Bond				100.00000	0.00000	99.80891			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MMIG0 On 12/08/2030 Spot Bond			11.31500	103.67259	11.31500	103.66391			0.00	0	0
Total MEFSA6 SPOT									0.00	0	0
Total For MEFSA6									0.00	0	0
MMIG0 On 12/08/2017 Spot Bond			10.29500	103.70424	10.29500	105.82038			0.00	0	1,050,000,000
Total MEFSA6 SPOT									0.00	0	1,050,000,000
Total For MEFSA6									0.00	0	1,050,000,000

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 MMIG05									0.00	0	1,050,000,000
MTN04 On 13/07/2017 Spot Bond			9.03500	104.31617	9.03500	104.29054			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	32.34664	100.00000	32.26741			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	31.45021	100.00000	31.38061			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	100.66279			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	100.68803			0.00	1,440,000,000	720,000,000
Total MTNC19 SPOT									0.00	1,440,000,000	720,000,000
Total For MTNC19									0.00	1,440,000,000	720,000,000
MWA1L On 18/10/2039 Spot Bond			100.00000		100.00000	0.00000			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	100.56213			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	11.45432	100.89771	11.42635			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	11.56846	100.61875	11.54027			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
Total For N4A305									0.00	0	0
N4A308 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

Contract 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 N4A311									0.00	0	0
N4A40 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
N4A40 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 20/06/2023 Spot Bond				100.00000	0.00000	102.20422			0.00	0	0
Total N5C23 SPOT									0.00	0	0
Total For N5C23									0.00	0	0
N5D23 On 20/06/2023 Spot Bond				100.00000	0.00000	102.31636			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	111.81863			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	13.37893	100.00000	13.34651			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	14.29939	100.00000	14.26475			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			10.19500	92.65318	10.19500	92.62815			0.00	0	0
Total NAM01 SPOT									0.00	0	0
Total For NAM01									0.00	0	0
NAM02 On 29/06/2020 Spot Bond			9.08500	105.72316	9.08500	105.69736		9,085,000,000,000.00	1,000,000,000	1,950,000,000	
Total NAM02 SPOT								9,085,000,000,000.00	1,000,000,000	1,950,000,000	
Total For NAM02								9,085,000,000,000.00	1,000,000,000	1,950,000,000	
NAM03 On 01/08/2023 Spot Bond			9.59500	105.79158	9.59500	105.76420		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			10.31500	104.97153	10.31500	104.94237		0.00	0	0	
Total NAM04 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 NAM04									0.00	0	0
NBK11/ On 28/11/2020 Spot Bond			8.59000	101.37273	8.59000	101.34957			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			9.26000	102.56525	9.26000	102.54003			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	102.19078	9.38000	102.16532			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			9.29500	104.42129	9.29500	104.39551			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			8.83500	105.68964	8.83500	105.84852			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			9.28500	101.12619	9.28500	101.10085			0.00	0	0
Total NBK15A SPOT									0.00	0	0
Total For NBK15A									0.00	0	0
NBK15I On 27/08/2017 Spot Bond				100.00000	0.00000	100.47288			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			10.21500	99.10460	10.21500	99.07732			0.00	0	860,000,000
Total NBK16A SPOT									0.00	0	860,000,000
Total For NBK16A									0.00	0	860,000,000
NBK17/ On 22/04/2026 Spot Bond			10.51500	98.20979	10.51500	98.18229			0.00	0	1,220,000,000
Total NBK17A SPOT									0.00	0	1,220,000,000
Total For NBK17A									0.00	0	1,220,000,000
NBK18/ On 01/06/2020 Spot Bond			9.05500	100.84493	9.05500	100.82053			0.00	0	0
Total NBK18A SPOT									0.00	0	0
Total For NBK18A									0.00	0	0
NBK19/ On 01/06/2022 Spot Bond			9.43500	101.13307	9.43500	101.10760			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	101.77371			0.00	0	0
Total NBK19B 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 NBK19B									0.00	0	0
NBK19I On 26/06/2017 Spot Bond			100.00000	98.81576	100.00000	98.55435			0.00	0	0
Total NBK19B/JIBAR SPOT									0.00	0	0
Total For NBK19B/JIBAR									0.00	0	0
NBK20J On 01/06/2026 Spot Bond			10.30500	100.67635	10.30500	100.64871			0.00	0	0
Total NBK20A SPOT									0.00	0	0
Total For NBK20A									0.00	0	0
NBK20I On 25/06/2021 Spot Bond				100.00000	0.00000	100.00713			0.00	0	0
Total NBK20B SPOT									0.00	0	0
Total For NBK20B									0.00	0	0
NBK21J On 21/07/2027 Spot Bond			10.96500	102.18932	10.96500	102.15919			0.00	0	0
Total NBK21A SPOT									0.00	0	0
Total For NBK21A									0.00	0	0
NBK21I On 10/11/2017 Spot Bond				100.00000	0.00000	100.93095			0.00	940,000,000	470,000,000
Total NBK21B SPOT									0.00	940,000,000	470,000,000
Total For NBK21B									0.00	940,000,000	470,000,000
NBK22J On 19/11/2022 Spot Bond			9.63500	102.50332	9.63500	102.47711			0.00	0	0
Total NBK22A SPOT									0.00	0	0
Total For NBK22A									0.00	0	0
NBK22I On 12/02/2018 Spot Bond				100.00000	0.00000	100.92720			0.00	1,200,000,000	600,000,000
Total NBK22B SPOT									0.00	1,200,000,000	600,000,000
Total For NBK22B									0.00	1,200,000,000	600,000,000
NBK23J On 19/11/2025 Spot Bond			10.16500	103.63674	10.16500	103.60882			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	100.90164			0.00	0	0
Total NBK23B SPOT									0.00	0	0
Total For NBK23B									0.00	0	0
NBK24J On 19/11/2027 Spot Bond			10.66500	102.43049	10.66500	102.40158			0.00	0	1,000,000,000
Total NBK24A SPOT									0.00	0	1,000,000,000
Total For NBK24A									0.00	0	1,000,000,000
NBK24I On 11/02/2022 Spot Bond				100.00000	0.00000	100.81742			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			9.53500	108.26232	9.53500	108.23447			0.00	0	0
Total NBK25A 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 NBK25A										0.00	0	0
NBK25I On 12/02/2025 Spot Bond				100.00000	0.00000	100.77622				0.00	0	6,000,000
Total NBK25B SPOT										0.00	0	6,000,000
Total For NBK25B										0.00	0	6,000,000
NBK26J On 10/05/2023 Spot Bond			100.00000	12.27993	100.00000	12.25290				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	102.02418				0.00	0	7,500,000
Total NBK26B SPOT										0.00	0	7,500,000
Total For NBK26B										0.00	0	7,500,000
NBK27J On 10/05/2026 Spot Bond			9.95500	107.99005	9.95500	107.96155				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	100.56478				0.00	0	0
Total NBK27B SPOT										0.00	0	0
Total For NBK27B										0.00	0	0
NBK28J On 02/08/2023 Spot Bond			9.54500	105.74926	9.54500	105.72203				0.00	0	0
Total NBK28A SPOT										0.00	0	0
Total For NBK28A										0.00	0	0
NBK28I On 19/11/2020 Spot Bond				100.00000	0.00000	100.61928				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			10.21500	105.52799	10.21500	105.49896				0.00	0	46,000,000
Total NBK29A SPOT										0.00	0	46,000,000
Total For NBK29A										0.00	0	46,000,000
NBK29I On 18/02/2019 Spot Bond				100.00000	0.00000	100.90278				0.00	840,000,000	620,000,000
Total NBK29B SPOT										0.00	840,000,000	620,000,000
Total For NBK29B										0.00	840,000,000	620,000,000
NBK30J On 20/02/2024 Spot Bond			9.33500	104.29385	9.33500	104.26755				0.00	0	0
Total NBK30A SPOT										0.00	0	0
Total For NBK30A										0.00	0	0
NBK30I On 18/02/2021 Spot Bond				100.00000	0.00000	100.66263				0.00	0	0
Total NBK30B SPOT										0.00	0	0
Total For NBK30B										0.00	0	0
NBK31I On 17/02/2023 Spot Bond				100.00000	0.00000	100.68266				0.00	0	0
Total NBK31B 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 NBK31B									0.00	0	0
NBK32I On 26/02/2019 Spot Bond				100.00000	0.00000	100.43887			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	101.05111			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	100.86502			0.00	0	0
Total NBK34B SPOT									0.00	0	0
Total For NBK34B									0.00	0	0
NBK35I On 10/05/2023 Spot Bond				100.00000	0.00000	100.88333			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	100.90605			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	101.05973			0.00	1,616,000,000	808,000,000
Total NBK37B SPOT									0.00	1,616,000,000	808,000,000
Total For NBK37B									0.00	1,616,000,000	808,000,000
NBK38I On 02/08/2021 Spot Bond				100.00000	0.00000	101.06066			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			8.43500	108.88314	8.43500	108.85870			0.00	0	0
Total NBK3A SPOT									0.00	0	0
Total For NBK3A									0.00	0	0
NBK3A On 09/09/2019 Spot Bond			100.00000	28.55404	100.00000	28.49119			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			11.09000	46.05286	11.09000	46.03959			0.00	0	0
Total NBK4 SPOT									0.00	0	0
Total For NBK4									0.00	0	0
NBK40I On 31/07/2026 Spot Bond				100.00000	0.00000	101.21571			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	100.62747			0.00	0	0
Total NBK41B 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 NBK41B										0.00	0	0
NBK42I On 21/02/2022 Spot Bond				100.00000	0.00000	100.54716				0.00	0	0
Total NBK42B SPOT										0.00	0	0
Total For NBK42B										0.00	0	0
NBK43I On 20/02/2024 Spot Bond				100.00000	0.00000	100.56202				0.00	0	0
Total NBK43B SPOT										0.00	0	0
Total For NBK43B										0.00	0	0
NBK7B On 19/04/2020 Spot Bond				100.00000	0.00000	101.44384				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	100.74508				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	99.83877				0.00	800,000,000	400,000,000
Total NCLN75 SPOT										0.00	800,000,000	400,000,000
Total For NCLN75										0.00	800,000,000	400,000,000
NCLN7 On 09/10/2017 Spot Bond				100.00000	0.00000	101.71423				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	99.83073				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	8.74800	100.00000	8.72681				0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			100.00000	8.74800	100.00000	8.72681				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			10.26000	104.37562	10.26000	104.34725				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	99.83167				0.00	0	0
Total NCLN84 SPOT										0.00	0	0
Total For NCLN84										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			10.29500	103.35254	10.29500	103.32434				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	99.83073				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	99.82913				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	99.82724				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	100.27138				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	101.58465				0.00	0	0
Total NCLN93 SPOT										0.00	0	0
Total For NCLN93										0.00	0	0
NCLN9 On 20/09/2020 Spot Bond				100.00000	0.00000	99.74699				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	101.58469				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	15.49082	100.00000	15.45329				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	1.65029	100.00000	1.64703				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	12.95685	100.00000	12.92546				0.00	0	0
Total NED03U SPOT										0.00	0	0
Total For NED03U										0.00	0	0
NED13 On 25/07/2023 Spot Bond				100.00000	0.00000	102.15502				0.00	0	0
Total NED13 SPOT										0.00	0	0
Total For NED13										0.00	0	0
NED14 On 29/11/2023 Spot Bond				100.00000	0.00000	100.74995				0.00	0	0
Total NED14 SPOT										0.00	0	0
Total For NED14										0.00	0	0
NED15 On 08/04/2024 Spot Bond			9.31500	107.72549	9.31500	103.79005				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total NED15 SPOT									0.00	0	0
Total For NED15									0.00	0	0
NED16 On 08/04/2024 Spot Bond				100.00000	0.00000	100.09178			0.00	820,000,000	410,000,000
Total NED16 SPOT									0.00	820,000,000	410,000,000
Total For NED16									0.00	820,000,000	410,000,000
NED17 On 14/10/2024 Spot Bond				100.00000	0.00000	101.56315			0.00	0	0
Total NED17 SPOT									0.00	0	0
Total For NED17									0.00	0	0
NED18 On 16/01/2025 Spot Bond				100.00000	0.00000	101.56317			0.00	0	0
Total NED18 SPOT									0.00	0	0
Total For NED18									0.00	0	0
NED19 On 01/07/2025 Spot Bond				100.00000	0.00000	103.42336			0.00	456,000,000	228,000,000
Total NED19 SPOT									0.00	456,000,000	228,000,000
Total For NED19									0.00	456,000,000	228,000,000
NED20 On 01/07/2020 Spot Bond			10.67500	106.66685	10.67500	106.63621			0.00	0	2,990,000,000
Total NED20 SPOT									0.00	0	2,990,000,000
Total For NED20									0.00	0	2,990,000,000
NED9 On 06/07/2017 Spot Bond				100.00000	0.00000	101.47322			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	108.34893	9.44500	108.32177			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	103.13775			0.00	0	0
Total NEDT1A SPOT									0.00	0	0
Total For NEDT1A									0.00	0	0
NEDT1 On 26/11/2021 Spot Bond				100.00000	0.00000	100.66941			0.00	0	0
Total NEDT1B SPOT									0.00	0	0
Total For NEDT1B									0.00	0	0
NET50 On 08/08/2017 Spot Bond				100.00000	0.00000	102.88178			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	104.80177			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NGL01 SPOT										0.00	0	0
Total For NGL01										0.00	0	0
NGL02 On 15/03/2022 Spot Bond				100.00000	0.00000	100.79036				0.00	0	220,000,000
Total NGL02 SPOT										0.00	0	220,000,000
Total For NGL02										0.00	0	220,000,000
NGL03 On 26/05/2022 Spot Bond				100.00000	0.00000	100.58177				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	108.72900	10.00000	108.70100				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	101.17838	13.50000	101.14247				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	100.11970				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			3.33000	105.83079	3.33000	120.59516				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	168.26808	3.45000	168.21935				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			3.72000	117.42721	3.72000	117.39221				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			3.92000	158.27959	3.92000	160.55013				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			3.99000	159.42051	3.99000	159.52602				0.00	0	0
Total NILB15 SPOT										0.00	0	0
Total For NILB15										0.00	0	0
NILB17 On 31/01/2038 Spot Bond			3.84000	80.26684	3.84000	102.78688				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			8.47500	105.97438	8.47500	105.95008				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NMP20N SPOT										0.00	0	0
Total For NMP20N										0.00	0	0
NQ1A1 On 22/05/2020 Spot Bond			9.10500	103.78592	9.10500	104.01571				0.00	0	0
Total NQ1A10 SPOT										0.00	0	0
Total For NQ1A10										0.00	0	0
NQ1A1 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
NQ1A1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.50658				0.00	1,967,000,000	983,500,000
Total NQ1A17 SPOT										0.00	1,967,000,000	983,500,000
Total For NQ1A17										0.00	1,967,000,000	983,500,000
NQ1A1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.43893				0.00	1,680,000,000	840,000,000
Total NQ1A19 SPOT										0.00	1,680,000,000	840,000,000
Total For NQ1A19										0.00	1,680,000,000	840,000,000
NQ1A2 On 22/05/2019 Spot Bond				100.00000	0.00000	100.53127				0.00	0	0
Total NQ1A21 SPOT										0.00	0	0
Total For NQ1A21										0.00	0	0
NQ1A2 On 22/05/2018 Spot Bond				100.00000	0.00000	100.51704				0.00	0	0
Total NQ1A23 SPOT										0.00	0	0
Total For NQ1A23										0.00	0	0
NQ1A2 On 22/05/2020 Spot Bond				100.00000	0.00000	100.54953				0.00	0	0
Total NQ1A24 SPOT										0.00	0	0
Total For NQ1A24										0.00	0	0
NQ1A2 On 22/05/2022 Spot Bond				100.00000	0.00000	100.56363				0.00	0	0
Total NQ1A25 SPOT										0.00	0	0
Total For NQ1A25										0.00	0	0
NQ1A2 On 22/05/2018 Spot Bond				100.00000	0.00000	100.51704				0.00	0	0
Total NQ1A26 SPOT										0.00	0	0
Total For NQ1A26										0.00	0	0
NQ1B1 On 22/05/2020 Spot Bond			9.30500	103.78952	9.30500	104.01729				0.00	0	0
Total NQ1B10 SPOT										0.00	0	0
Total For NQ1B10										0.00	0	0
NQ1B1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.57364				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	100.56254				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.52890				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			9.50500	103.79316	9.50500	104.01893				0.00	0	0
Total NQ1C10 SPOT										0.00	0	0
Total For NQ1C10										0.00	0	0
NQ1C1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.53482				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	100.58795				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	100.53779				0.00	0	0
Total NQ1C19 SPOT										0.00	0	0
Total For NQ1C19										0.00	0	0
NQF1D On 22/05/2020 Spot Bond				100.00000	0.00000	100.64697				0.00	0	0
Total NQF1D5 SPOT										0.00	0	0
Total For NQF1D5										0.00	0	0
NQF1D On 22/05/2050 Spot Bond				100.00000	0.00000	100.54667				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	100.60567				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			8.54500	105.45136	8.54500	105.42725				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			9.23500	114.02925	9.23500	114.00128				0.00	0	300,000,000
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			2.95000	179.55524	2.95000	179.50566				0.00	0	9,700,000,000
Total NRA023 SPOT										0.00	0	9,700,000,000
Total For NRA023										0.00	0	9,700,000,000
NRA02:On 30/11/2028 Spot Bond			11.01500	108.38850	11.01500	108.35675				0.00	0	5,540,000,000

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 NRA028 SPOT									0.00	0	5,540,000,000
Total For NRA028									0.00	0	5,540,000,000
NRA028 On 30/11/2028 Spot Bond			100.00000	12.64400	100.00000	12.61602			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	100.05795			0.00	540,000,000	673,600,000
Total NTC16 SPOT									0.00	540,000,000	673,600,000
Total For NTC16									0.00	540,000,000	673,600,000
NTC18 On 27/02/2019 Spot Bond				100.00000	0.00000	100.76430			0.00	0	0
Total NTC18 SPOT									0.00	0	0
Total For NTC18									0.00	0	0
NTC19 On 27/07/2020 Spot Bond				100.00000	0.00000	101.17343			0.00	0	0
Total NTC19 SPOT									0.00	0	0
Total For NTC19									0.00	0	0
OML02 On 21/11/2024 Spot Bond				100.00000	0.00000	100.97657			0.00	0	0
Total OML02 SPOT									0.00	0	0
Total For OML02									0.00	0	0
OML03 On 27/11/2019 Spot Bond			9.62500	99.65204	9.62500	99.62658			0.00	0	0
Total OML03 SPOT									0.00	0	0
Total For OML03									0.00	0	0
OML04 On 19/03/2025 Spot Bond				100.00000	0.00000	99.97100			0.00	0	0
Total OML04 SPOT									0.00	0	0
Total For OML04									0.00	0	0
OML05 On 19/03/2025 Spot Bond			9.76500	102.25164	9.76500	102.24006			0.00	0	1,500,000,000
Total OML05 SPOT									0.00	0	1,500,000,000
Total For OML05									0.00	0	1,500,000,000
OML06 On 19/03/2022 Spot Bond			10.47500	101.83708	10.47500	101.80882			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			11.41500	100.22435	11.41500	100.19413			0.00	0	960,000,000
Total OML07 SPOT									0.00	0	960,000,000
Total For OML07									0.00	0	960,000,000
OML08 On 14/09/2025 Spot Bond				100.00000	0.00000	100.25366			0.00	0	0
Total OML08 SPOT									0.00	0	0
Total For OML08									0.00	0	0
OML09 On 14/09/2022 Spot Bond			10.46500	104.41378	10.46500	104.38484			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 OML09 SPOT										0.00	0	1,000,000,000
Total For OML09										0.00	0	1,000,000,000
OML10 On 14/09/2025 Spot Bond			11.41500	102.45657	11.41500	102.42568				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	108.72900	10.00000	108.70100				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	100.09048				0.00	896,000,000	448,000,000
Total PMM29 SPOT										0.00	896,000,000	448,000,000
Total For PMM29										0.00	896,000,000	448,000,000
PMM30 On 07/09/2017 Spot Bond				100.00000	0.00000	100.14118				0.00	880,000,000	440,000,000
Total PMM30 SPOT										0.00	880,000,000	440,000,000
Total For PMM30										0.00	880,000,000	440,000,000
PMM33 On 01/09/2017 Spot Bond				100.00000	0.00000	100.27085				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	99.72135				0.00	696,000,000	348,000,000
Total PMM34 SPOT										0.00	696,000,000	348,000,000
Total For PMM34										0.00	696,000,000	348,000,000
PMM35 On 06/11/2017 Spot Bond				100.00000	0.00000	100.90532				0.00	920,000,000	460,000,000
Total PMM35 SPOT										0.00	920,000,000	460,000,000
Total For PMM35										0.00	920,000,000	460,000,000
PMM36 On 04/05/2018 Spot Bond				100.00000	0.00000	100.96216				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	100.42810				0.00	0	0
Total PMM37 SPOT										0.00	0	0
Total For PMM37										0.00	0	0
PPC00: On 31/12/2018 Spot Bond				100.00000	0.00000	98.29214				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	97.84484				0.00	0	0
Total PPC003 SPOT										0.00	0	0
Total For PPC003										0.00	0	0
PPC00: On 30/06/2021 Spot Bond			10.01500	102.48468	10.01500	102.46609				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total PPC004 SPOT									0.00	0	0
Total For PPC004									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 27/01/2028 Spot Bond				100.00000	0.00000	101.19487			0.00	472,196,000	236,098,000
Total PRE1A3 SPOT									0.00	472,196,000	236,098,000
Total For PRE1A3									0.00	472,196,000	236,098,000
PRE1B On 27/01/2028 Spot Bond				100.00000	0.00000	101.13465			0.00	0	0
Total PRE1B1 SPOT									0.00	0	0
Total For PRE1B1									0.00	0	0
PRE1C On 27/01/2028 Spot Bond				100.00000	0.00000	101.24166			0.00	0	0
Total PRE1C1 SPOT									0.00	0	0
Total For PRE1C1									0.00	0	0
PRE1D On 27/01/2028 Spot Bond				100.00000	0.00000	101.26653			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	101.68817			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	101.76704			0.00	0	0
Total PRE2A2 SPOT									0.00	0	0
Total For PRE2A2									0.00	0	0
PRE2A On 20/02/2022 Spot Bond				100.00000	0.00000	101.83597			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	101.97360			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	101.99323			0.00	0	0
Total PRE2C1 SPOT									0.00	0	0
Total For PRE2C1									0.00	0	0
PRE2D On 20/02/2022 Spot Bond				100.00000	0.00000	102.01286			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			8.47500	112.85353	8.51500	112.54843		712,992,109,435,000.00	1,736,046,266,600	1,798,767,603,700	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R186 SPOT									12,992,109,435,000.00	736,046,266,600	798,767,603,700
Total For R186									12,992,109,435,000.00	736,046,266,600	798,767,603,700
R197 On 07/12/2023 Spot Bond			2.45000	292.90830	2.45000	292.83136			1,847,708,660,000.00	754,166,800	21,104,793,400
Total R197 SPOT									1,847,708,660,000.00	754,166,800	21,104,793,400
Total For R197									1,847,708,660,000.00	754,166,800	21,104,793,400
R202 On 07/12/2033 Spot Bond			2.43000	238.73491	2.44000	238.36652			244,968,796,935,000.00	100,810,204,500	199,948,667,500
Total R202 SPOT									14,968,796,935,000.00	100,810,204,500	199,948,667,500
Total For R202									14,968,796,935,000.00	100,810,204,500	199,948,667,500
R2023 On 28/02/2023 Spot Bond			7.86000	101.71558	7.89500	101.53617			530,452,593,344,000.00	194,714,070,400	572,800,797,600
Total R2023 SPOT									10,452,593,344,000.00	194,714,070,400	572,800,797,600
Total For R2023									10,452,593,344,000.00	194,714,070,400	572,800,797,600
R203 On 15/09/2017 Spot Bond			7.45500	102.18402	7.47500	102.15838			423,905,000,000,000.00	191,000,000,000	571,037,034,000
Total R203 SPOT									13,905,000,000,000.00	191,000,000,000	571,037,034,000
Total For R203									13,905,000,000,000.00	191,000,000,000	571,037,034,000
R2030 On 31/01/2030 Spot Bond			9.04500	95.17077	9.04500	95.14751			609,607,911,271,000.00	620,188,823,800	844,350,501,900
Total R2030 SPOT									19,607,911,271,000.00	620,188,823,800	844,350,501,900
Total For R2030									19,607,911,271,000.00	620,188,823,800	844,350,501,900
R2032 On 31/03/2032 Spot Bond			9.22500	93.88229	9.22500	93.85915			841,699,970,170,000.00	308,043,357,200	316,361,760,000
Total R2032 SPOT									11,699,970,170,000.00	308,043,357,200	316,361,760,000
Total For R2032									11,699,970,170,000.00	308,043,357,200	316,361,760,000
R2035 On 28/02/2035 Spot Bond			9.47500	97.42760	9.47500	97.40309			915,413,433,715,000.00	518,777,143,400	413,537,050,000
Total R2035 SPOT									15,413,433,715,000.00	518,777,143,400	413,537,050,000
Total For R2035									15,413,433,715,000.00	518,777,143,400	413,537,050,000
R2037 On 31/01/2037 Spot Bond			9.58000	93.64975	9.58000	93.62554			086,898,558,840,000.00	217,839,098,000	713,901,489,000
Total R2037 SPOT									16,898,558,840,000.00	217,839,098,000	713,901,489,000
Total For R2037									16,898,558,840,000.00	217,839,098,000	713,901,489,000
R204 On 21/12/2018 Spot Bond			7.33000	100.79596	7.36500	100.72619			268,719,358,358,000.00	36,660,212,600	224,328,465,900
Total R204 SPOT									18,719,358,358,000.00	36,660,212,600	224,328,465,900
Total For R204									18,719,358,358,000.00	36,660,212,600	224,328,465,900
R2040 On 31/01/2040 Spot Bond			9.66000	97.28669	9.66000	97.26133			466,796,355,856,000.00	255,361,941,600	470,035,970,800
Total R2040 SPOT									16,796,355,856,000.00	255,361,941,600	470,035,970,800
Total For R2040									16,796,355,856,000.00	255,361,941,600	470,035,970,800
R2044 On 31/01/2044 Spot Bond			9.74000	93.86221	9.74000	93.83756			683,275,362,264,000.00	275,490,283,600	897,172,131,800
Total R2044 SPOT									13,275,362,264,000.00	275,490,283,600	897,172,131,800
Total For R2044									13,275,362,264,000.00	275,490,283,600	897,172,131,800
R2048 On 28/02/2048 Spot Bond			9.69500	93.28004	9.69500	93.25604			794,274,086,992,000.00	700,801,865,600	1,254,427,674,300

Contract 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 SPOT									14,274,086,992,000.00	700,801,865,600	254,427,674,300
Total For R2048									14,274,086,992,000.00	700,801,865,600	254,427,674,300
R207 On 15/01/2020 Spot Bond			7.38000	102.69378	7.42500	102.56915			402,219,915,468,000.00	461,005,408,600	489,243,393,300
Total R207 SPOT									12,219,915,468,000.00	461,005,408,600	489,243,393,300
Total For R207									12,219,915,468,000.00	461,005,408,600	489,243,393,300
R208 On 31/03/2021 Spot Bond			7.49000	98.96243	7.53500	98.79835			327,477,504,679,000.00	577,767,357,100	625,196,028,900
Total R208 SPOT									17,477,504,679,000.00	577,767,357,100	625,196,028,900
Total For R208									17,477,504,679,000.00	577,767,357,100	625,196,028,900
R209 On 31/03/2036 Spot Bond			9.36000	73.99092	9.42500	73.52428			578,814,526,128,000.00	702,864,799,800	1,062,575,820,600
Total R209 SPOT									18,814,526,128,000.00	702,864,799,800	1,062,575,820,600
Total For R209									18,814,526,128,000.00	702,864,799,800	1,062,575,820,600
R210 On 31/03/2028 Spot Bond			2.43000	184.29958	2.43000	184.25125			250,894,016,352,000.00	103,248,566,400	156,020,662,900
Total R210 SPOT									10,894,016,352,000.00	103,248,566,400	156,020,662,900
Total For R210									10,894,016,352,000.00	103,248,566,400	156,020,662,900
R212 On 31/01/2022 Spot Bond			2.44500	148.95851	2.44500	148.91928			88,998,000,000.00	36,400,000	140,120,244,000
Total R212 SPOT									88,998,000,000.00	36,400,000	140,120,244,000
Total For R212									88,998,000,000.00	36,400,000	140,120,244,000
R213 On 28/02/2031 Spot Bond			9.06500	85.97211	9.11500	85.60831			270,631,263,166,000.00	250,483,316,400	350,413,733,100
Total R213 SPOT									10,631,263,166,000.00	250,483,316,400	350,413,733,100
Total For R213									10,631,263,166,000.00	250,483,316,400	350,413,733,100
R214 On 28/02/2041 Spot Bond			9.59500	73.09267	9.59500	73.07405			823,329,835,194,500.00	294,250,113,100	682,796,773,100
Total R214 SPOT									13,329,835,194,500.00	294,250,113,100	682,796,773,100
Total For R214									13,329,835,194,500.00	294,250,113,100	682,796,773,100
R337C On 21/06/2020 Spot Bond			8.54000	77.68646	8.54000	77.66861			0.00	0	0
Total R337C SPOT									0.00	0	0
Total For R337C									0.00	0	0
R347C On 21/06/2025 Spot Bond			9.05000	49.17427	9.05000	49.16232			0.00	0	0
Total R347C SPOT									0.00	0	0
Total For R347C									0.00	0	0
RCG01 On 24/10/2019 Spot Bond				100.00000	0.00000	101.24672			0.00	660,000,000	330,000,000
Total RCG01B SPOT									0.00	660,000,000	330,000,000
Total For RCG01B									0.00	660,000,000	330,000,000
RCG01 On 24/10/2017 Spot Bond				100.00000	0.00000	101.15722			0.00	600,000,000	300,000,000
Total RCG01C SPOT									0.00	600,000,000	300,000,000
Total For RCG01C									0.00	600,000,000	300,000,000
RCSB0 On 12/04/2018 Spot Bond				100.00000	0.00000	102.54281			0.00	0	0

Contract 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	100.31319				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	90.12346	100.00000	89.90148				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	66.64516	100.00000	66.48193				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	95.36313	100.00000	95.11284				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	12.93919	100.00000	12.90172				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	62.07680	100.00000	61.91140				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	41.45076	100.00000	41.34031				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	20.84186	100.00000	20.78633				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	100.02299				0.00	0	0
Total RDFB02 SPOT										0.00	0	0
Total For RDFB02										0.00	0	0
RDFB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.73010				0.00	434,000,000	217,000,000
Total RDFB04 SPOT										0.00	434,000,000	217,000,000
Total For RDFB04										0.00	434,000,000	217,000,000
RDFB0 On 27/11/2019 Spot Bond				100.00000	0.00000	101.50962				0.00	0	15,200,000
Total RDFB05 SPOT										0.00	0	15,200,000
Total For RDFB05										0.00	0	15,200,000
RDFB0 On 22/03/2019 Spot Bond				100.00000	0.00000	100.43388				0.00	2,000,000,000	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 RDFB06 SPOT										0.00	2,000,000,000	500,000,000
Total For RDFB06										0.00	2,000,000,000	500,000,000
RDFB0 On 22/03/2019 Spot Bond			100.00000	32.44663	100.00000	32.36803				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	102.05541				0.00	956,000,000	478,000,000
Total RDFB07 SPOT										0.00	956,000,000	478,000,000
Total For RDFB07										0.00	956,000,000	478,000,000
RDFB0 On 30/09/2021 Spot Bond				100.00000	0.00000	101.98829				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	100.27856				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	101.90617				0.00	1,696,000,000	848,000,000
Total RDFB10 SPOT										0.00	1,696,000,000	848,000,000
Total For RDFB10										0.00	1,696,000,000	848,000,000
RDFB1 On 27/03/2022 Spot Bond				100.00000	0.00000	101.95080				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	101.08628				0.00	540,000,000	270,000,000
Total RDFC34 SPOT										0.00	540,000,000	270,000,000
Total For RDFC34										0.00	540,000,000	270,000,000
RDFC3 On 05/10/2017 Spot Bond				100.00000	0.00000	101.60357				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	101.83805				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	100.25350				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	100.65415				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	59.00171	100.00000	58.85879				0.00	0	0

Contract 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	100.57409				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	100.56925				0.00	0	0
Total REBC05 SPOT										0.00	0	0
Total For REBC05										0.00	0	0
RED10 On 13/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total RED101 SPOT										0.00	0	0
Total For RED101										0.00	0	0
RED20 On 05/07/2018 Spot Bond				100.00000	0.00000	102.25182				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	102.37364				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	102.85161				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	102.34492				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	99.81544				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	56.53044	100.00000	56.39349				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	27.81511	100.00000	27.74773				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	16.09007	100.00000	16.05109				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	11.37017	100.00000	11.34262				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
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	100.92727			0.00	0	0
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	100.97969			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	100.14836			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	101.37164			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	100.82926			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	100.48791			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	101.33903			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	103.48434			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	101.06657			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	55.55081	100.00000	55.37738		800,000,000,000,000.00	8,000,000,000	7,250,000,000	
Total RES39U SPOT								10,000,000,000,000.00	8,000,000,000	7,250,000,000	
Total For RES39U								10,000,000,000,000.00	8,000,000,000	7,250,000,000	
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	81.52656		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total RP014 SPOT									0.00	0	0
Total For RP014									0.00	0	0
RP018 On 12/02/2020 Spot Bond			12.35000	105.64895	12.35000	105.61398			0.00	0	0
Total RP018 SPOT									0.00	0	0
Total For RP018									0.00	0	0
RP020 On 12/02/2020 Spot Bond			100.00000	21.73368	100.00000	21.68102			0.00	0	0
Total RP020 SPOT									0.00	0	0
Total For RP020									0.00	0	0
RPP011 On 31/08/2018 Spot Bond			100.00000	33.96883	100.00000	33.88742			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	22.38548	100.00000	22.30373			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	101.28451			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	47.58328			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			9.21500	103.85029	9.21500	103.82473			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			9.57500	99.79272	9.57500	99.76722			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			10.83500	96.28384	10.83500	96.25610			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	88.16425	100.00000	87.95181			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	108.72900	10.00000	108.70100			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			8.45500	100.85825	8.45500	100.83579		12,175,200,000,000.00	1,440,000,000	720,000,000	

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 SBK14 SPOT									12,175,200,000,000.00	1,440,000,000	720,000,000
Total For SBK14									12,175,200,000,000.00	1,440,000,000	720,000,000
SBK15 On 23/01/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total SBK15 SPOT									0.00	0	0
Total For SBK15									0.00	0	0
SBK16 On 15/03/2023 Spot Bond				100.00000	0.00000	100.16750			0.00	0	0
Total SBK16 SPOT									0.00	0	0
Total For SBK16									0.00	0	0
SBK17 On 30/07/2024 Spot Bond				100.00000	0.00000	100.06772			0.00	0	9,000,000
Total SBK17 SPOT									0.00	0	9,000,000
Total For SBK17									0.00	0	9,000,000
SBK18 On 24/10/2020 Spot Bond				100.00000	0.00000	99.78231			0.00	0	0
Total SBK18 SPOT									0.00	0	0
Total For SBK18									0.00	0	0
SBK19 On 24/10/2019 Spot Bond				100.00000	0.00000	101.32126			0.00	0	0
Total SBK19 SPOT									0.00	0	0
Total For SBK19									0.00	0	0
SBK20 On 02/12/2024 Spot Bond				100.00000	0.00000	101.84565			0.00	783,000,000	516,000,000
Total SBK20 SPOT									0.00	783,000,000	516,000,000
Total For SBK20									0.00	783,000,000	516,000,000
SBK21 On 28/01/2025 Spot Bond				100.00000	0.00000	101.01299			0.00	0	0
Total SBK21 SPOT									0.00	0	0
Total For SBK21									0.00	0	0
SBK22 On 28/05/2025 Spot Bond				100.00000	0.00000	101.66512			0.00	1,050,000,000	525,000,000
Total SBK22 SPOT									0.00	1,050,000,000	525,000,000
Total For SBK22									0.00	1,050,000,000	525,000,000
SBK23 On 28/05/2022 Spot Bond			11.19500	101.88059	11.19500	101.85043			0.00	0	1,910,000,000
Total SBK23 SPOT									0.00	0	1,910,000,000
Total For SBK23									0.00	0	1,910,000,000
SBK24 On 19/10/2025 Spot Bond				100.00000	0.00000	103.05322			0.00	0	0
Total SBK24 SPOT									0.00	0	0
Total For SBK24									0.00	0	0
SBK24/ On 19/10/2025 Spot Bond			100.00000	12.42589	100.00000	12.39546			0.00	0	0
Total SBK24/JIBAR SPOT									0.00	0	0
Total For SBK24/JIBAR									0.00	0	0
SBK25 On 25/04/2026 Spot Bond				100.00000	0.00000	103.90137			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total SBK25 SPOT									0.00	0	0
Total For SBK25									0.00	0	0
SBK26 On 25/04/2021 Spot Bond			11.27500	104.62729	11.27500	104.59594			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			8.71500	101.22645	8.71500	101.20286			0.00	0	3,122,000,000
Total SBK9 SPOT									0.00	0	3,122,000,000
Total For SBK9									0.00	0	3,122,000,000
SBN33 On 15/09/2017 Spot Bond			8.87500	101.82249	8.87500	101.79829			0.00	0	0
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	100.02591			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			8.09500	102.18376	8.09500	102.16160			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	100.15570			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	100.45543			0.00	0	1,500,000
Total SBS18 SPOT									0.00	0	1,500,000
Total For SBS18									0.00	0	1,500,000
SBS19 On 23/06/2021 Spot Bond			8.83500	104.22769	8.83500	104.20294			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			9.77000	102.44490	9.77000	102.41834			0.00	0	0
Total SBS20 SPOT									0.00	0	0
Total For SBS20									0.00	0	0
SBS21 On 15/05/2026 Spot Bond				100.00000	0.00000	102.24037			0.00	0	12,000,000
Total SBS21 SPOT									0.00	0	12,000,000
Total For SBS21									0.00	0	12,000,000
SBS24 On 24/05/2019 Spot Bond				100.00000	0.00000	101.04205			0.00	1,000,000,000	500,000,000
Total SBS24 SPOT									0.00	1,000,000,000	500,000,000
Total For SBS24									0.00	1,000,000,000	500,000,000
SBS25 On 24/05/2019 Spot Bond			8.30000	101.50083	8.30000	101.47840		6,640,000,000,000.00		800,000,000	800,000,000

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 SBS25 SPOT									6,640,000,000,000.00	800,000,000	800,000,000
Total For SBS25									6,640,000,000,000.00	800,000,000	800,000,000
SBS27 On 20/02/2024 Spot Bond			9.49500	106.25328	9.49500	106.22606			0.00	0	0
Total SBS27 SPOT									0.00	0	0
Total For SBS27									0.00	0	0
SBS29 On 12/06/2019 Spot Bond			8.31000	100.73198	8.31000	100.70957			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			9.94500	90.25371	9.94500	90.22990			0.00	0	0
Total SBS3 SPOT									0.00	0	0
Total For SBS3									0.00	0	0
SBS30 On 12/06/2019 Spot Bond				100.00000	0.00000	99.91197			0.00	0	0
Total SBS30 SPOT									0.00	0	0
Total For SBS30									0.00	0	0
SBS31 On 27/06/2027 Spot Bond			9.98000	98.83649	9.98000	98.81019			0.00	0	0
Total SBS31 SPOT									0.00	0	0
Total For SBS31									0.00	0	0
SBS32 On 19/09/2017 Spot Bond				100.00000	0.00000	99.77381			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	99.86635			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			10.31500	101.27570	10.31500	101.24803			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	101.23645			0.00	0	0
Total SBS35 SPOT									0.00	0	0
Total For SBS35									0.00	0	0
SBS36 On 29/01/2020 Spot Bond				100.00000	0.00000	100.87001			0.00	0	0
Total SBS36 SPOT									0.00	0	0
Total For SBS36									0.00	0	0
SBS37 On 29/01/2020 Spot Bond			8.49000	101.79143	8.49000	101.76805			0.00	0	0
Total SBS37 SPOT									0.00	0	0
Total For SBS37									0.00	0	0
SBS38 On 29/01/2025 Spot Bond			9.60500	100.65548	9.60500	100.62939			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SBS38 SPOT										0.00	0	0
Total For SBS38										0.00	0	0
SBS39 On 29/01/2030 Spot Bond			10.22000	100.05292	10.22000	100.02537				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			9.30500	98.15626	9.30500	98.13201				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	100.96814				0.00	2,640,000,000	660,000,000
Total SBS40 SPOT										0.00	2,640,000,000	660,000,000
Total For SBS40										0.00	2,640,000,000	660,000,000
SBS41 On 12/11/2022 Spot Bond			9.10000	104.57395	9.10000	104.54867				0.00	0	0
Total SBS41 SPOT										0.00	0	0
Total For SBS41										0.00	0	0
SBS42 On 12/11/2025 Spot Bond			9.63500	106.63932	9.63500	106.61205				0.00	0	0
Total SBS42 SPOT										0.00	0	0
Total For SBS42										0.00	0	0
SBS43 On 12/11/2027 Spot Bond			9.92500	106.67909	9.92500	106.65101				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	100.93988				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	101.41558				0.00	0	0
Total SBS45 SPOT										0.00	0	0
Total For SBS45										0.00	0	0
SBS46 On 15/02/2023 Spot Bond			9.10000	110.22450	9.10000	110.19741				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	101.29405				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	101.01019				0.00	840,000,000	580,000,000
Total SBS48 SPOT										0.00	840,000,000	580,000,000
Total For SBS48										0.00	840,000,000	580,000,000
SBS49 On 31/01/2022 Spot Bond				100.00000	0.00000	101.03967				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SBS49 SPOT										0.00	0	0
Total For SBS49										0.00	0	0
SBS50 On 31/01/2022 Spot Bond			8.99500	105.19096	8.99500	105.16540				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			9.55500	104.65876	9.55500	104.63178				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	101.27342				0.00	0	3,000,000
Total SBS52 SPOT										0.00	0	3,000,000
Total For SBS52										0.00	0	3,000,000
SBS53 On 03/05/2027 Spot Bond				100.00000	0.00000	101.08571				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	17.99372	100.00000	17.93754			970,000,000,000,000.00	29,700,000,000	105,400,000,000	
Total SBS54 SPOT									'0,000,000,000,000.00	29,700,000,000	105,400,000,000	
Total For SBS54									'0,000,000,000,000.00	29,700,000,000	105,400,000,000	
SBS55 On 12/06/2022 Spot Bond			100.00000	11.80746	100.00000	11.77060			700,750,000,000,000.00	7,007,500,000	164,800,000,000	
Total SBS55 SPOT									10,750,000,000,000.00	7,007,500,000	164,800,000,000	
Total For SBS55									10,750,000,000,000.00	7,007,500,000	164,800,000,000	
SBS56 On 12/06/2022 Spot Bond			100.00000	10.57571	100.00000	10.55230			334,200,000,000,000.00	23,342,000,000	53,300,000,000	
Total SBS56 SPOT									14,200,000,000,000.00	23,342,000,000	53,300,000,000	
Total For SBS56									14,200,000,000,000.00	23,342,000,000	53,300,000,000	
SBS57 On 12/06/2024 Spot Bond			100.00000	10.76115	100.00000	10.72755			870,000,000,000,000.00	38,700,000,000	62,700,000,000	
Total SBS57 SPOT									'0,000,000,000,000.00	38,700,000,000	62,700,000,000	
Total For SBS57									'0,000,000,000,000.00	38,700,000,000	62,700,000,000	
SBS58 On 12/06/2027 Spot Bond			100.00000	10.79586	100.00000	10.76216			110,000,000,000,000.00	81,100,000,000	124,500,000,000	
Total SBS58 SPOT									10,000,000,000,000.00	81,100,000,000	124,500,000,000	
Total For SBS58									10,000,000,000,000.00	81,100,000,000	124,500,000,000	
SBSI11 On 07/12/2023 Spot Bond			3.90000	270.39774	3.90000	270.31618			0.00	0	370,000,000	
Total SBSI11 SPOT									0.00	0	370,000,000	
Total For SBSI11									0.00	0	370,000,000	
SBSI14 On 07/12/2033 Spot Bond			3.99000	196.26660	3.99000	196.18982			0.00	0	784,800,000	
Total SBSI14 SPOT									0.00	0	784,800,000	
Total For SBSI14									0.00	0	784,800,000	
SBT101 On 31/03/2022 Spot Bond				100.00000	0.00000	102.67214			0.00	0	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SBT101 SPOT										0.00	0	0
Total For SBT101										0.00	0	0
SCM10 On 15/09/2017 Spot Bond			100.00000	99.72900	100.00000	99.45946				0.00	0	0
Total SCM10U SPOT										0.00	0	0
Total For SCM10U										0.00	0	0
SF2A2L On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2A2U SPOT										0.00	0	0
Total For SF2A2U										0.00	0	0
SF2BU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2BU SPOT										0.00	0	0
Total For SF2BU										0.00	0	0
SF2CU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total SF2CU SPOT										0.00	0	0
Total For SF2CU										0.00	0	0
SF2DU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000				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	102.26195				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	102.26207				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				189.07554	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	102.07951				0.00	3,360,000,000	1,680,000,000
Total SHS04 SPOT										0.00	3,360,000,000	1,680,000,000
Total For SHS04										0.00	3,360,000,000	1,680,000,000
SHS05 On 29/06/2017 Spot Bond			8.74500	104.00123	8.74500	103.97641				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	104.00102	8.75000	103.97619				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	100.43498				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SHS06 SPOT										0.00	0	0
Total For SHS06										0.00	0	0
SHS11L On 25/11/2020 Spot Bond			10.00000	108.72900	10.00000	108.70100				0.00	0	0
Total SHS11U/JIBAR SPOT										0.00	0	0
Total For SHS11U/JIBAR										0.00	0	0
SHS14 On 17/06/2017 Spot Bond				100.00000	0.00000	99.86865				0.00	0	0
Total SHS14 SPOT										0.00	0	0
Total For SHS14										0.00	0	0
SHS19 On 10/09/2017 Spot Bond			9.07500	102.83013	9.07500	102.80512				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	100.90363				0.00	0	0
Total SHS22 SPOT										0.00	0	0
Total For SHS22										0.00	0	0
SHS23 On 29/06/2018 Spot Bond				100.00000	0.00000	101.88341				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	101.94550				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			9.43500	105.52490	9.43500	105.49818				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	101.94550				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	102.06086				0.00	0	0
Total SHS28 SPOT										0.00	0	0
Total For SHS28										0.00	0	0
SHS29L On 03/12/2018 Spot Bond			100.00000	39.29333	100.00000	39.19814				0.00	0	0
Total SHS29U SPOT										0.00	0	0
Total For SHS29U										0.00	0	0
SHS30 On 05/04/2020 Spot Bond				100.00000	0.00000	101.74442				0.00	0	47,000,000,000
Total SHS30 SPOT										0.00	0	47,000,000,000
Total For SHS30										0.00	0	47,000,000,000
SHS31 On 05/10/2022 Spot Bond				100.00000	0.00000	101.78203				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SHS31 SPOT										0.00	0	0
Total For SHS31										0.00	0	0
SLI3 On 15/08/2018 Spot Bond			8.61500	102.93206	8.61500	102.90807				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	100.76982				0.00	0	0
Total SLI4 SPOT										0.00	0	0
Total For SLI4										0.00	0	0
SLRA1 On 15/08/2019 Spot Bond				100.00000	0.00000	100.73333				0.00	0	0
Total SLRA1 SPOT										0.00	0	0
Total For SLRA1										0.00	0	0
SLRA2 On 15/11/2021 Spot Bond				100.00000	0.00000	100.75266				0.00	0	0
Total SLRA2 SPOT										0.00	0	0
Total For SLRA2										0.00	0	0
SLRB1 On 15/08/2019 Spot Bond				100.00000	0.00000	100.76458				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	100.77216				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	100.82780				0.00	0	0
Total SLRC1 SPOT										0.00	0	0
Total For SLRC1										0.00	0	0
SLRC2 On 15/09/2019 Spot Bond				100.00000	0.00000	100.84383				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			8.67500	101.87325	8.67500	101.84957				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	101.67920				0.00	0	0
Total SNT02 SPOT										0.00	0	0
Total For SNT02										0.00	0	0
SNT03 On 12/04/2023 Spot Bond			10.49500	55.09412	10.49500	107.41753				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	100.56131				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
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	100.69985			0.00	0	411,116,400
Total SPDA4 SPOT									0.00	0	411,116,400
Total For SPDA4									0.00	0	411,116,400
SPDA5 On 21/08/2024 Spot Bond				100.00000	0.00000	100.56682			0.00	1,000,000,000	500,000,000
Total SPDA5 SPOT									0.00	1,000,000,000	500,000,000
Total For SPDA5									0.00	1,000,000,000	500,000,000
SPDA6 On 21/08/2024 Spot Bond				100.00000	0.00000	100.54142			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	100.53194			0.00	324,000,000	162,000,000
Total SPDA7 SPOT									0.00	324,000,000	162,000,000
Total For SPDA7									0.00	324,000,000	162,000,000
SPDA8 On 21/08/2021 Spot Bond				100.00000	0.00000	100.54767			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	100.55209			0.00	840,000,000	420,000,000
Total SPDA9 SPOT									0.00	840,000,000	420,000,000
Total For SPDA9									0.00	840,000,000	420,000,000
SPG00: On 09/09/2019 Spot Bond				100.00000	0.00000	100.09881			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	101.11822			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	101.61446			0.00	876,000,000	438,000,000
Total SSA05 SPOT									0.00	876,000,000	438,000,000
Total For SSA05									0.00	876,000,000	438,000,000
SSA06 On 16/04/2020 Spot Bond			9.23500	98.40295	9.23500	98.37868			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			9.10500	93.94858	9.10500	93.92572			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			9.10500	93.94858	9.10500	93.92572			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SSN005 SPOT										0.00	0	0
Total For SSN005										0.00	0	0
SSN005: On 15/01/2020 Spot Bond			9.30000	98.37523	9.30000	98.35053				0.00	0	0
Total SSN007 SPOT										0.00	0	0
Total For SSN007										0.00	0	0
SSN007: On 18/06/2017 Spot Bond				100.00000	0.00000	99.85676				0.00	0	0
Total SSN008 SPOT										0.00	0	0
Total For SSN008										0.00	0	0
SSN008: On 15/09/2017 Spot Bond			8.35500	101.95458	8.35500	101.93174				0.00	0	0
Total SSN009 SPOT										0.00	0	0
Total For SSN009										0.00	0	0
SSN009: On 31/01/2025 Spot Bond			3.88500	115.66016	3.88500	116.06613				0.00	0	0
Total SSN011 SPOT										0.00	0	0
Total For SSN011										0.00	0	0
SSN011: On 21/12/2018 Spot Bond			9.61500	97.61657	9.61500	97.59139				0.00	0	0
Total SSN012 SPOT										0.00	0	0
Total For SSN012										0.00	0	0
SSN012: On 21/12/2026 Spot Bond			10.01500	102.73565	10.01500	102.70807				0.00	0	0
Total SSN017 SPOT										0.00	0	0
Total For SSN017										0.00	0	0
SSN017: On 28/02/2031 Spot Bond			10.98500	74.08815	10.98500	74.06662				0.00	0	0
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	101.33322				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	101.35025				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	102.00182				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	100.17233				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	99.84695				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.28301				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	100.70251				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	100.32802				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	103.64706	9.55000	103.62035				0.00	0	0
Total SSN038 SPOT										0.00	0	0
Total For SSN038										0.00	0	0
SSN038 On 11/10/2023 Spot Bond				100.00000	0.00000	101.54284				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			9.29500	103.98722	9.29500	103.96141				0.00	0	0
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			3.97000	100.81161	3.97000	100.78956				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	100.90843				0.00	0	0
Total SSN044 SPOT										0.00	0	0
Total For SSN044										0.00	0	0
SSN044 On 14/02/2018 Spot Bond				100.00000	0.00000	100.67088				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	101.12635				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SSN046 SPOT										0.00	0	0
Total For SSN046										0.00	0	0
SSN047 On 05/04/2027 Spot Bond				100.00000	0.00000	101.76319				0.00	0	0
Total SSN047 SPOT										0.00	0	0
Total For SSN047										0.00	0	0
SZ25 On 30/09/2025 Spot Bond			9.46500	99.18758	9.46500	99.16252				0.00	0	7,600,000,100
Total SZ25 SPOT										0.00	0	7,600,000,100
Total For SZ25										0.00	0	7,600,000,100
T12A10 On 21/02/2048 Spot Bond				100.00000	0.00000	100.53846				0.00	0	0
Total T12A10 SPOT										0.00	0	0
Total For T12A10										0.00	0	0
T12A11 On 21/02/2048 Spot Bond				100.00000	0.00000	101.15253				0.00	0	0
Total T12A11 SPOT										0.00	0	0
Total For T12A11										0.00	0	0
T12A12 On 21/02/2048 Spot Bond			9.07500	100.11976	9.07500	102.68253				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	100.80082				0.00	80,000,000	40,000,000
Total T13A10 SPOT										0.00	80,000,000	40,000,000
Total For T13A10										0.00	80,000,000	40,000,000
T13A11 On 21/08/2020 Spot Bond				100.00000	0.00000	100.55466				0.00	0	0
Total T13A11 SPOT										0.00	0	0
Total For T13A11										0.00	0	0
T13A12 On 21/08/2020 Spot Bond			8.97500	104.15067	8.97500	107.16052				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	100.51269				0.00	0	0
Total T13A13 SPOT										0.00	0	0
Total For T13A13										0.00	0	0
T13A14 On 21/08/2018 Spot Bond				100.00000	0.00000	100.80082				0.00	40,000,000	20,000,000
Total T13A14 SPOT										0.00	40,000,000	20,000,000
Total For T13A14										0.00	40,000,000	20,000,000
T13A15 On 21/08/2020 Spot Bond				100.00000	0.00000	100.55350				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			9.07500	106.54498	9.07500	106.51887				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.55032				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	100.24924				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			9.02500	104.24646	9.02500	104.93271				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	100.54730				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	100.55897				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	100.56382	9.15000	100.27074				0.00	0	0
Total T14A12 SPOT										0.00	0	0
Total For T14A12										0.00	0	0
TFS117 On 02/09/2018 Spot Bond				100.00000	0.00000	100.25793				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	99.52267				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	101.62888				0.00	0	0
Total TFS135 SPOT										0.00	0	0
Total For TFS135										0.00	0	0
TFS136 On 06/07/2020 Spot Bond				100.00000	0.00000	101.66400				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	100.63568				0.00	568,000,000	2,773,583,400
Total TFS139 SPOT										0.00	568,000,000	2,773,583,400
Total For TFS139										0.00	568,000,000	2,773,583,400
TFS141 On 28/10/2019 Spot Bond				100.00000	0.00000	101.11093				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.14824				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	100.61903				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	99.84510				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	99.84008				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	100.54724				0.00	0	0
Total TFS146 SPOT										0.00	0	0
Total For TFS146										0.00	0	0
TH10A1 On 18/10/2038 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TH10A1 SPOT										0.00	0	0
Total For TH10A1										0.00	0	0
TH10A2 On 18/10/2038 Spot Bond				100.00000	0.00000	101.44263				0.00	2,396,719,400	1,198,359,700
Total TH10A2 SPOT										0.00	2,396,719,400	1,198,359,700
Total For TH10A2										0.00	2,396,719,400	1,198,359,700
TH10A3 On 18/07/2017 Spot Bond			7.83000	103.16256	7.83000	103.14060				0.00	0	0
Total TH10A3 SPOT										0.00	0	0
Total For TH10A3										0.00	0	0
TH10A4 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
TH10A5 On 18/07/2017 Spot Bond				100.00000	0.00000	101.39443				0.00	533,240,400	266,620,200
Total TH10A5 SPOT										0.00	533,240,400	266,620,200
Total For TH10A5										0.00	533,240,400	266,620,200
TH10A6 On 18/07/2017 Spot Bond			7.39000	99.31632	7.39000	102.96536				0.00	0	0
Total TH10A6 SPOT										0.00	0	0
Total For TH10A6										0.00	0	0
TH10A7 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 TH10A7 SPOT										0.00	0	0
Total For TH10A7										0.00	0	0
TH10A7 On 18/10/2038 Spot Bond				100.00000	0.00000	101.37158				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	99.33746	7.16000	102.87369				0.00	0	0
Total TH10A9 SPOT										0.00	0	0
Total For TH10A9										0.00	0	0
TH10A9 On 18/10/2038 Spot Bond				100.00000	0.00000	101.44611				0.00	1,000,000,000	500,000,000
Total TH10B1 SPOT										0.00	1,000,000,000	500,000,000
Total For TH10B1										0.00	1,000,000,000	500,000,000
TH10B1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.44003				0.00	0	0
Total TH10B2 SPOT										0.00	0	0
Total For TH10B2										0.00	0	0
TH10B2 On 18/10/2038 Spot Bond				100.00000	0.00000	101.58595				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	101.56619				0.00	0	0
Total TH10C2 SPOT										0.00	0	0
Total For TH10C2										0.00	0	0
TH10C2 On 18/10/2038 Spot Bond				100.00000	0.00000	102.16226				0.00	0	0
Total TH10D1 SPOT										0.00	0	0
Total For TH10D1										0.00	0	0
TH10D1 On 18/07/2017 Spot Bond				100.00000	0.00000	102.09412				0.00	0	0
Total TH10D2 SPOT										0.00	0	0
Total For TH10D2										0.00	0	0
TH10D2 On 18/10/2038 Spot Bond				100.00000	0.00000	101.33202				0.00	0	0
Total TH11A1 SPOT										0.00	0	0
Total For TH11A1										0.00	0	0
TH11A1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.38070				0.00	0	0
Total TH11A2 SPOT										0.00	0	0
Total For TH11A2										0.00	0	0
TH11A2 On 18/07/2018 Spot Bond			8.73000	103.53077	8.73000	103.50633				0.00	0	0
Total TH11A3 SPOT										0.00	0	0
Total For TH11A3										0.00	0	0
TH11A3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.17204				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH11A4 SPOT										0.00	0	0
Total For TH11A4										0.00	0	0
TH11A€ On 18/07/2041 Spot Bond				100.00000	0.00000	101.56850				0.00	360,000,000	180,000,000
Total TH11A5 SPOT										0.00	360,000,000	180,000,000
Total For TH11A5										0.00	360,000,000	180,000,000
TH11A€ On 18/07/2041 Spot Bond			8.86500	94.68453	8.86500	102.61255				0.00	0	0
Total TH11A6 SPOT										0.00	0	0
Total For TH11A6										0.00	0	0
TH11A7 On 18/07/2041 Spot Bond				100.00000	0.00000	101.15250				0.00	0	0
Total TH11A7 SPOT										0.00	0	0
Total For TH11A7										0.00	0	0
TH11A€ On 18/07/2041 Spot Bond				100.00000	0.00000	101.56850				0.00	0	0
Total TH11A8 SPOT										0.00	0	0
Total For TH11A8										0.00	0	0
TH11B1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.70750				0.00	0	0
Total TH11B1 SPOT										0.00	0	0
Total For TH11B1										0.00	0	0
TH11B2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.43241				0.00	0	0
Total TH11B2 SPOT										0.00	0	0
Total For TH11B2										0.00	0	0
TH11B3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.42633				0.00	0	0
Total TH11B3 SPOT										0.00	0	0
Total For TH11B3										0.00	0	0
TH11C1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.58289				0.00	0	0
Total TH11C1 SPOT										0.00	0	0
Total For TH11C1										0.00	0	0
TH11C2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.57681				0.00	0	0
Total TH11C2 SPOT										0.00	0	0
Total For TH11C2										0.00	0	0
TH11C3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.52362				0.00	0	0
Total TH11C3 SPOT										0.00	0	0
Total For TH11C3										0.00	0	0
TH11D1 On 18/07/2041 Spot Bond				100.00000	0.00000	102.05619				0.00	0	0
Total TH11D1 SPOT										0.00	0	0
Total For TH11D1										0.00	0	0
TH11D2 On 18/07/2041 Spot Bond				100.00000	0.00000	102.06225				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH11D2 SPOT										0.00	0	0
Total For TH11D2										0.00	0	0
TH11D2 On 18/07/2041 Spot Bond				100.00000	0.00000	102.03196				0.00	0	0
Total TH11D3 SPOT										0.00	0	0
Total For TH11D3										0.00	0	0
TH12A1 On 21/08/2048 Spot Bond				100.00000	0.00000	100.51272				0.00	0	0
Total TH12A1 SPOT										0.00	0	0
Total For TH12A1										0.00	0	0
TH12A2 On 21/08/2019 Spot Bond				100.00000	0.00000	100.54735				0.00	0	0
Total TH12A2 SPOT										0.00	0	0
Total For TH12A2										0.00	0	0
TH12A3 On 21/08/2019 Spot Bond			9.02500	102.17432	9.02500	103.09571				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A4 On 21/02/2048 Spot Bond				100.00000	0.00000	100.53846				0.00	0	0
Total TH12A4 SPOT										0.00	0	0
Total For TH12A4										0.00	0	0
TH12A5 On 21/02/2048 Spot Bond				100.00000	0.00000	100.55919				0.00	0	0
Total TH12A5 SPOT										0.00	0	0
Total For TH12A5										0.00	0	0
TH12A6 On 21/08/2019 Spot Bond			8.93500	101.87435	8.93500	101.84975				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A7 On 21/08/2019 Spot Bond				100.00000	0.00000	100.53550				0.00	0	0
Total TH12A7 SPOT										0.00	0	0
Total For TH12A7										0.00	0	0
TH12A8 On 21/08/2019 Spot Bond				100.00000	0.00000	100.55919				0.00	0	0
Total TH12A8 SPOT										0.00	0	0
Total For TH12A8										0.00	0	0
TH12A9 On 21/02/2048 Spot Bond			9.04500	94.98447	9.04500	101.11778				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12B1 On 21/08/2019 Spot Bond				100.00000	0.00000	100.58583				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B2 On 21/02/2048 Spot Bond				100.00000	0.00000	100.58583				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B: On 21/08/2019 Spot Bond				100.00000	0.00000	100.58583				0.00	0	0
Total TH12B3 SPOT										0.00	0	0
Total For TH12B3										0.00	0	0
TH12B: On 21/02/2048 Spot Bond				100.00000	0.00000	100.58583				0.00	0	0
Total TH12B4 SPOT										0.00	0	0
Total For TH12B4										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.63314				0.00	0	0
Total TH12C1 SPOT										0.00	0	0
Total For TH12C1										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.63314				0.00	0	0
Total TH12C2 SPOT										0.00	0	0
Total For TH12C2										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.63314				0.00	0	0
Total TH12C3 SPOT										0.00	0	0
Total For TH12C3										0.00	0	0
TH12C: On 21/02/2048 Spot Bond				100.00000	0.00000	100.63255				0.00	0	0
Total TH12C4 SPOT										0.00	0	0
Total For TH12C4										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	100.82459				0.00	0	0
Total TH12D1 SPOT										0.00	0	0
Total For TH12D1										0.00	0	0
TH12D: On 21/02/2048 Spot Bond				100.00000	0.00000	100.82459				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	100.93700				0.00	0	0
Total TH12D3 SPOT										0.00	0	0
Total For TH12D3										0.00	0	0
TH12D: On 21/02/2048 Spot Bond				100.00000	0.00000	100.82107				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	100.52484				0.00	43,333,000	21,666,500
Total TH13A1 SPOT										0.00	43,333,000	21,666,500
Total For TH13A1										0.00	43,333,000	21,666,500
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.53788				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH13A2 SPOT										0.00	0	0
Total For TH13A2										0.00	0	0
TH13A2 On 21/08/2050 Spot Bond				100.00000	0.00000	100.97345				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0
TH13A3 On 21/08/2020 Spot Bond			9.17500	103.27779	9.17500	103.25221				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A4 On 21/08/2018 Spot Bond				100.00000	0.00000	100.52543				0.00	72,727,600	36,363,800
Total TH13A5 SPOT										0.00	72,727,600	36,363,800
Total For TH13A5										0.00	72,727,600	36,363,800
TH13A5 On 21/08/2018 Spot Bond				100.00000	0.00000	100.65048				0.00	1,960,000,000	980,000,000
Total TH13A6 SPOT										0.00	1,960,000,000	980,000,000
Total For TH13A6										0.00	1,960,000,000	980,000,000
TH13A6 On 21/08/2020 Spot Bond				100.00000	0.00000	99.93115				0.00	0	0
Total TH13A7 SPOT										0.00	0	0
Total For TH13A7										0.00	0	0
TH13A7 On 21/08/2020 Spot Bond			9.06500	103.51074	9.06500	104.48985				0.00	0	0
Total TH13A8 SPOT										0.00	0	0
Total For TH13A8										0.00	0	0
TH13A8 On 21/08/2018 Spot Bond				100.00000	0.00000	100.51269				0.00	60,000,000	30,000,000
Total TH13A9 SPOT										0.00	60,000,000	30,000,000
Total For TH13A9										0.00	60,000,000	30,000,000
TH13A9 On 21/08/2020 Spot Bond				100.00000	0.00000	100.58573				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	100.58632				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	100.58548				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	100.57385				0.00	0	0
Total TH13B4 SPOT										0.00	0	0
Total For TH13B4										0.00	0	0
TH13B4 On 25/07/2020 Spot Bond				100.00000	0.00000	100.58396				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH13B5 SPOT										0.00	0	0
Total For TH13B5										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.62709				0.00	0	0
Total TH13C1 SPOT										0.00	0	0
Total For TH13C1										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.63181				0.00	0	0
Total TH13C2 SPOT										0.00	0	0
Total For TH13C2										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.61449				0.00	0	0
Total TH13C3 SPOT										0.00	0	0
Total For TH13C3										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.62608				0.00	0	0
Total TH13C4 SPOT										0.00	0	0
Total For TH13C4										0.00	0	0
TH13C On 21/08/2020 Spot Bond				100.00000	0.00000	100.65955				0.00	0	0
Total TH13C5 SPOT										0.00	0	0
Total For TH13C5										0.00	0	0
TH13D On 21/08/2020 Spot Bond				100.00000	0.00000	100.82133				0.00	0	0
Total TH13D1 SPOT										0.00	0	0
Total For TH13D1										0.00	0	0
TH13D On 21/08/2020 Spot Bond				100.00000	0.00000	100.82133				0.00	0	0
Total TH13D2 SPOT										0.00	0	0
Total For TH13D2										0.00	0	0
TH13D On 21/08/2020 Spot Bond				100.00000	0.00000	100.81611				0.00	0	0
Total TH13D3 SPOT										0.00	0	0
Total For TH13D3										0.00	0	0
TH13D On 21/08/2020 Spot Bond				100.00000	0.00000	100.80753				0.00	0	0
Total TH13D4 SPOT										0.00	0	0
Total For TH13D4										0.00	0	0
TH13D On 21/08/2020 Spot Bond				100.00000	0.00000	100.83307				0.00	0	0
Total TH13D5 SPOT										0.00	0	0
Total For TH13D5										0.00	0	0
TH14A On 21/11/2017 Spot Bond				100.00000	0.00000	100.43715				0.00	0	0
Total TH14A1 SPOT										0.00	0	0
Total For TH14A1										0.00	0	0
TH14A On 21/11/2019 Spot Bond				100.00000	0.00000	100.20233				0.00	640,000,000	320,000,000

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 TH14A2 SPOT										0.00	640,000,000	320,000,000
Total For TH14A2										0.00	640,000,000	320,000,000
TH14A2 On 21/11/2021 Spot Bond				100.00000	0.00000	100.56724				0.00	0	0
Total TH14A3 SPOT										0.00	0	0
Total For TH14A3										0.00	0	0
TH14A3 On 21/11/2021 Spot Bond			9.07500	104.31375	9.07500	104.28859				0.00	0	0
Total TH14A4 SPOT										0.00	0	0
Total For TH14A4										0.00	0	0
TH14A4 On 21/02/2018 Spot Bond				100.00000	0.00000	100.49987				0.00	0	0
Total TH14A5 SPOT										0.00	0	0
Total For TH14A5										0.00	0	0
TH14A5 On 21/11/2019 Spot Bond				100.00000	0.00000	100.54730				0.00	1,966,000,000	983,000,000
Total TH14A6 SPOT										0.00	1,966,000,000	983,000,000
Total For TH14A6										0.00	1,966,000,000	983,000,000
TH14A6 On 21/11/2021 Spot Bond				100.00000	0.00000	100.56251				0.00	0	0
Total TH14A7 SPOT										0.00	0	0
Total For TH14A7										0.00	0	0
TH14A7 On 21/11/2021 Spot Bond			9.02500	101.54332	9.02500	101.74028				0.00	0	0
Total TH14A8 SPOT										0.00	0	0
Total For TH14A8										0.00	0	0
TH14A8 On 21/05/2018 Spot Bond				100.00000	0.00000	100.50707				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	100.60325				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	100.58554				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	100.57846				0.00	0	0
Total TH14B3 SPOT										0.00	0	0
Total For TH14B3										0.00	0	0
TH14B3 On 21/11/2021 Spot Bond				100.00000	0.00000	100.63274				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	100.62094				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH14C2 SPOT										0.00	0	0
Total For TH14C2										0.00	0	0
TH14C:On 21/11/2021 Spot Bond				100.00000	0.00000	100.61387				0.00	0	0
Total TH14C3 SPOT										0.00	0	0
Total For TH14C3										0.00	0	0
TH14D:On 21/11/2021 Spot Bond				100.00000	0.00000	100.80905				0.00	0	0
Total TH14D1 SPOT										0.00	0	0
Total For TH14D1										0.00	0	0
TH14D:On 21/11/2021 Spot Bond				100.00000	0.00000	100.79674				0.00	0	0
Total TH14D2 SPOT										0.00	0	0
Total For TH14D2										0.00	0	0
TH14D:On 21/11/2021 Spot Bond				100.00000	0.00000	100.77974				0.00	0	0
Total TH14D3 SPOT										0.00	0	0
Total For TH14D3										0.00	0	0
TH9A11:On 18/07/2039 Spot Bond				100.00000	0.00000	101.34079				0.00	0	0
Total TH9A11 SPOT										0.00	0	0
Total For TH9A11										0.00	0	0
TH9A12:On 18/07/2039 Spot Bond				100.00000	0.00000	101.77608				0.00	1,220,000,000	610,000,000
Total TH9A12 SPOT										0.00	1,220,000,000	610,000,000
Total For TH9A12										0.00	1,220,000,000	610,000,000
THE8A:On 18/04/2036 Spot Bond			101.06155	6.64410	101.06155	6.62768				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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 18/07/2039 Spot Bond				100.00000	0.00000	101.48713				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 18/07/2039 Spot Bond				100.00000	0.00000	103.08229				0.00	0	0
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	102.10916				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			9.09500	94.67425	9.09500	94.61396				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	21.95681	100.00000	21.91515				0.00	0	0
TL20/R:On 25/11/2020 Spot Bond			10.00000	108.72900	10.00000	108.70100				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	11.36259	100.00000	11.32711			000,000,000,000,000.00	90,000,000,000	90,000,000,000	
Total TL21U SPOT									10,000,000,000,000.00	90,000,000,000	90,000,000,000	
Total For TL21U									10,000,000,000,000.00	90,000,000,000	90,000,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TLC01 On 22/09/2017 Spot Bond				100.00000	0.00000	101.89035			0.00	0	0
Total TLC01 SPOT									0.00	0	0
Total For TLC01									0.00	0	0
TLC02 On 22/03/2018 Spot Bond				100.00000	0.00000	99.80510			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			8.18500	101.15442	8.18500	101.13249		1,309,600,000,000.00		160,000,000	19,946,516,873
Total TN17 SPOT								1,309,600,000,000.00		160,000,000	19,946,516,873
Total For TN17								1,309,600,000,000.00		160,000,000	19,946,516,873
TN17/R On 14/11/2017 Spot Bond			100.00000	73.72225	100.00000	73.58020			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			8.81500	107.19462	8.81500	107.16950		588,842,000,000.00		66,800,000	47,527,200,000
Total TN20 SPOT								588,842,000,000.00		66,800,000	47,527,200,000
Total For TN20								588,842,000,000.00		66,800,000	47,527,200,000
TN20/R On 17/09/2020 Spot Bond			100.00000	19.14830	100.00000	19.10616			0.00	0	0
Total TN20/R208 SPOT									0.00	0	0
Total For TN20/R208									0.00	0	0
TN20U On 14/04/2020 Spot Bond			100.00000	9.97589	100.00000	9.95145			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			9.41500	107.66578	9.41500	107.63887		1,046,948,000,000.00		111,200,000	4,481,000,000
Total TN23 SPOT								1,046,948,000,000.00		111,200,000	4,481,000,000
Total For TN23								1,046,948,000,000.00		111,200,000	4,481,000,000
TN23/R On 06/11/2023 Spot Bond			100.00000	12.26867	100.00000	12.24167			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			10.33500	98.45318	10.33500	98.42578			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	12.41034	100.00000	12.38257			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			10.41500	91.23994	10.41500	91.21478			0.00	0	970,000,000
Total TN27 SPOT									0.00	0	970,000,000
Total For TN27									0.00	0	970,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TN27/R On 14/11/2027 Spot Bond			100.00000	9.54878	100.00000	9.52776				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			11.14500	97.43826	11.14500	97.40939				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	122.12733	8.00000	122.10116				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			11.72500	94.17111	11.72500	94.14179				0.00	0	5,300,000,000
Total TN40 SPOT										0.00	0	5,300,000,000
Total For TN40										0.00	0	5,300,000,000
TN40/R On 09/10/2040 Spot Bond			10.75000	101.90617	10.75000	101.87701				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	100.58796				0.00	2,385,400	1,148,200
Total TNF18 SPOT										0.00	2,385,400	1,148,200
Total For TNF18										0.00	2,385,400	1,148,200
TORQ1 On 15/08/2026 Spot Bond				100.00000	0.00000	100.83250				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 15/04/2022 Spot Bond				100.00000	0.00000	100.70371				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 15/04/2022 Spot Bond				100.00000	0.00000	100.94937				0.00	0	0
Total TORQ6 SPOT										0.00	0	0
Total For TORQ6										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TORQ7 On 15/08/2025 Spot Bond				100.00000	0.00000	100.72317				0.00	0	0
Total TORQ7 SPOT										0.00	0	0
Total For TORQ7										0.00	0	0
TORQ8 On 15/08/2026 Spot Bond				100.00000	0.00000	100.73882				0.00	0	0
Total TORQ8 SPOT										0.00	0	0
Total For TORQ8										0.00	0	0
TORQ9 On 15/08/2026 Spot Bond				100.00000	0.00000	100.76226				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	108.72900	10.00000	108.70100				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	101.66001				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	101.37286				0.00	1,000,000,000	500,000,000
Total TPDA05 SPOT										0.00	1,000,000,000	500,000,000
Total For TPDA05										0.00	1,000,000,000	500,000,000
TPDA0 On 30/11/2020 Spot Bond				100.00000	0.00000	100.62785				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			9.03500	101.74974	9.03500	101.72531				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	100.38803	10.00000	100.36026				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	100.37835	9.75000	100.35128				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	10.38060	100.00000	10.35293				0.00	0	0
Total TR32 SPOT										0.00	0	0
Total For TR32										0.00	0	0
TRA2A On 14/12/2025 Spot Bond				100.00000	0.00000	99.97743				0.00	0	0
Total TRA2A1 SPOT										0.00	0	0
Total For TRA2A1										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TRA2A: On 14/12/2025 Spot Bond				100.00000	0.00000	99.97622				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			9.32500	101.01047	9.32500	100.98519				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	99.97740				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	99.97622				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			9.12500	101.57364	9.12500	101.63597				0.00	0	0
Total TRA2A6 SPOT										0.00	0	0
Total For TRA2A6										0.00	0	0
TRA2B: On 14/12/2025 Spot Bond				100.00000	0.00000	99.97442				0.00	0	0
Total TRA2B1 SPOT										0.00	0	0
Total For TRA2B1										0.00	0	0
TRA2B: On 14/12/2020 Spot Bond				100.00000	0.00000	99.97373				0.00	0	0
Total TRA2B2 SPOT										0.00	0	0
Total For TRA2B2										0.00	0	0
TRA2C: On 14/12/2025 Spot Bond				100.00000	0.00000	99.97082				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	99.96972				0.00	0	0
Total TRA2C2 SPOT										0.00	0	0
Total For TRA2C2										0.00	0	0
TRA2D: On 14/12/2025 Spot Bond				100.00000	0.00000	99.96252				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	99.96252				0.00	0	0
Total TRA2D2 SPOT										0.00	0	0
Total For TRA2D2										0.00	0	0
TRAA1: On 14/06/2024 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TRAA1 SPOT										0.00	0	0
Total For TRAA1										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TRAA2 On 14/06/2024 Spot Bond				100.00000	0.00000	99.99494			0.00	0	0
Total TRAA2 SPOT									0.00	0	0
Total For TRAA2									0.00	0	0
TRAA3I On 14/06/2024 Spot Bond			100.00000	7.83139	100.00000	7.76785			0.00	0	0
Total TRAA3U SPOT									0.00	0	0
Total For TRAA3U									0.00	0	0
TRAA4I On 14/06/2024 Spot Bond			100.00000	8.33018	100.00000	8.26568			0.00	0	0
Total TRAA4U SPOT									0.00	0	0
Total For TRAA4U									0.00	0	0
TRAB1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.97609			0.00	0	0
Total TRAB1 SPOT									0.00	0	0
Total For TRAB1									0.00	0	0
TRAB2I On 14/06/2024 Spot Bond			100.00000	8.62946	100.00000	8.56436			0.00	0	0
Total TRAB2U SPOT									0.00	0	0
Total For TRAB2U									0.00	0	0
TRAC1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.97596			0.00	0	0
Total TRAC1 SPOT									0.00	0	0
Total For TRAC1									0.00	0	0
TRAC2 On 14/06/2024 Spot Bond			100.00000	8.87885	100.00000	8.81328			0.00	0	0
Total TRAC2U SPOT									0.00	0	0
Total For TRAC2U									0.00	0	0
TRAD1 On 14/06/2024 Spot Bond				100.00000	0.00000	99.58933			0.00	0	0
Total TRAD1 SPOT									0.00	0	0
Total For TRAD1									0.00	0	0
TRAD2 On 14/06/2024 Spot Bond			100.00000	11.92148	100.00000	11.85000			0.00	0	0
Total TRAD2U SPOT									0.00	0	0
Total For TRAD2U									0.00	0	0
TRAE1 On 14/06/2024 Spot Bond				100.00000	0.00000	102.59622			0.00	0	0
Total TRAE1 SPOT									0.00	0	0
Total For TRAE1									0.00	0	0
TRAE2I On 14/06/2024 Spot Bond			100.00000	15.26338	100.00000	15.18543			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	24.00601	100.00000	23.94785			0.00	0	0
Total TSE01U SPOT									0.00	0	0
Total For TSE01U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TSE03L On 31/10/2020 Spot Bond			100.00000	6.13157	100.00000	6.11671			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	99.79946			0.00	412,000,000	206,000,000
Total TSP213 SPOT									0.00	412,000,000	206,000,000
Total For TSP213									0.00	412,000,000	206,000,000
TSP215 On 06/07/2017 Spot Bond				100.00000	0.00000	99.48729			0.00	1,000,000,000	500,000,000
Total TSP215 SPOT									0.00	1,000,000,000	500,000,000
Total For TSP215									0.00	1,000,000,000	500,000,000
TSP217 On 20/07/2017 Spot Bond				100.00000	0.00000	105.08669			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	98.86794			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	98.56565			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	97.11006			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	93.17476			0.00	1,440,000,000	720,000,000
Total TSP221 SPOT									0.00	1,440,000,000	720,000,000
Total For TSP221									0.00	1,440,000,000	720,000,000
TSP222 On 10/05/2018 Spot Bond				100.00000	0.00000	92.86331			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	96.51368			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	92.58152			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	96.21782			0.00	0	0
Total TSP225 SPOT									0.00	0	0
Total For TSP225									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TSP226 On 07/06/2018 Spot Bond				100.00000	0.00000	92.34632			0.00	0	0
Total TSP226 SPOT									0.00	0	0
Total For TSP226									0.00	0	0
TTO01U On 28/08/2019 Spot Bond			100.00000	24.06915	100.00000	24.01084			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	101.40515			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	101.44243			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	101.33139			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	101.31325			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	101.18288			0.00	0	0
Total TWC232 SPOT									0.00	0	0
Total For TWC232									0.00	0	0
TWC23 On 24/07/2017 Spot Bond				100.00000	0.00000	101.13870			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				101.49313	0.00000	101.07425			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	100.75197			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	100.62227			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	100.58009			0.00	0	0
Total TWC237 SPOT									0.00	0	0
Total For TWC237									0.00	0	0

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 31/08/2017 Spot Bond				100.00000	0.00000	100.23606				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	100.32108				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			9.13500	107.83521	9.13500	107.80903				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			10.48500	107.59139	10.48500	107.56151				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	8.94268	100.00000	8.92078				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	8.84837	100.00000	8.82669				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	9.02680	100.00000	9.00469				0.00	0	0
Total VJA03U SPOT										0.00	0	0
Total For VJA03U										0.00	0	0
VJA04L On 20/01/2024 Spot Bond			100.00000	9.28635	100.00000	9.26359				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	9.99186	100.00000	9.96739				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	9.97116	100.00000	9.94673				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	10.10957	100.00000	10.08482				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	0.11333	100.00000	0.11306				0.00	0	0
Total VJA08U SPOT										0.00	0	0
Total For VJA08U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
VJA09L On 20/04/2025 Spot Bond			100.00000	8.87449	100.00000	8.84140				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	8.74928	100.00000	8.72786				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	8.75383	100.00000	8.73239				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	8.80722	100.00000	8.78566				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	9.04774	100.00000	9.02558				0.00	0	0
Total VJB04U SPOT										0.00	0	0
Total For VJB04U										0.00	0	0
VJB05L On 20/04/2024 Spot Bond			100.00000	9.74185	100.00000	9.71798				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	7.86862	100.00000	7.84934				0.00	0	0
Total VJB06U SPOT										0.00	0	0
Total For VJB06U										0.00	0	0
VJB07L On 20/10/2024 Spot Bond			100.00000	9.91729	100.00000	9.89301				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	0.11333	100.00000	0.11306				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	8.70444	100.00000	8.67198				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	102.25801				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	101.67963				0.00	0	0
Total VKC20 SPOT										0.00	0	0
Total For VKC20										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
VKE01L On 01/04/2018 Spot Bond			100.00000	66.58432	100.00000	66.42125			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	102.17645			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	100.87864			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	100.02246			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	101.91455			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	100.90303			0.00	793,000,000	396,500,000
Total VKE09 SPOT									0.00	793,000,000	396,500,000
Total For VKE09									0.00	793,000,000	396,500,000
VKE10 On 08/07/2022 Spot Bond				100.00000	0.00000	100.91877			0.00	0	0
Total VKE10 SPOT									0.00	0	0
Total For VKE10									0.00	0	0
VPA01L On 20/01/2023 Spot Bond			100.00000	8.43075	100.00000	8.41009			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	8.49684	100.00000	8.47603			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	10.21086	100.00000	10.18587			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	5.31579	100.00000	5.30278			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	9.79322	100.00000	9.76923			0.00	0	0
Total VPA05U SPOT									0.00	0	0
Total For VPA05U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
VPA06L On 20/07/2024 Spot Bond			100.00000	9.79670	100.00000	9.77271				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	9.79924	100.00000	9.77524				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	0.11333	100.00000	0.11306				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	8.62359	100.00000	8.59143				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	8.23734	100.00000	8.21717				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	8.40230	100.00000	8.38172				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	10.43068	100.00000	10.40513				0.00	0	0
Total VPB03U SPOT										0.00	0	0
Total For VPB03U										0.00	0	0
VPB04L On 20/01/2024 Spot Bond			100.00000	5.07720	100.00000	5.06476				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	9.48613	100.00000	9.46289				0.00	0	0
Total VPB05U SPOT										0.00	0	0
Total For VPB05U										0.00	0	0
VPB06L On 24/07/2024 Spot Bond			100.00000	9.56366	100.00000	9.54023				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	9.56308	100.00000	9.53967				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	0.11333	100.00000	0.11306				0.00	0	0
Total VPB08U SPOT										0.00	0	0
Total For VPB08U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
VPB09L On 20/04/2025 Spot Bond			100.00000	8.41553	100.00000	8.38415			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	0.00187	100.00000	0.00187			0.00	0	0
Total WRS1U SPOT									0.00	0	0
Total For WRS1U									0.00	0	0
WRS2L On 25/11/2029 Spot Bond			100.00000	9.34198	100.00000	9.31935			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	252.98638	3.02500	252.91577			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			7.92500	102.31950	7.92500	102.29789			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			8.06500	102.82299	8.06500	102.80090			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			8.28500	102.77757	8.28500	102.75490			0.00	0	0
Total WSP5 SPOT									0.00	0	0
Total For WSP5									0.00	0	0
WSP5/I On 28/05/2021 Spot Bond			100.00000	13.02976	100.00000	13.00108			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			7.31000	84.81803	7.31000	84.80148			0.00	0	0
Total Z083 SPOT									0.00	0	0
Total For Z083									0.00	0	0
Total for SPOT									98,828,020,820,970,000.008	154,404,458,296	525,970,845,414
Total for SPOT :									98,828,020,820,970,000.00	154,404,458,296	525,970,845,414
Total Futures									98 828 022 400 772 300.00	154,404,472,536	525,971,697,743
Total Options									0.00	0	23,265
Grand Total:									98,828,022,400,772,300.00	154,404,472,536	525,971,721,008