



Johannesburg
Stock Exchange

One Exchange Square,
Gwen Lane,
Sandown, South Africa
Private Bag X991174
Sandton 2146

Tel: +27 11 520 7000
Fax: +27 11 520 8584

www.jse.co.za

Registration number: 2005/022939/06
VAT number: 4080119391

INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 11/08/2017

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES33 On 02/11/2017 Bond Future			10.92090	75.55780	10.88072	75.79936			0.00	0	9,466
ES33 On 01/02/2018 Bond Future			11.03223	76.94386	10.99070	77.18934			0.00	0	0
ES33 On 03/05/2018 Bond Future			11.13850	74.59862	11.09541	74.84926			0.00	0	0
Total ES33 Future									0.00	0	9,466
ES33 On 02/11/2017 Bond Future	10.66	Put			1,348.12000	1.34812	1,589,680		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.67	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.67	Put			1,286.26000	1.28626	1,527,820		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.68	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.68	Put			1,224.48000	1.22448	1,466,040		0.00	0	0
ES33 On 02/11/2017 Bond Future	10.66	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.00	Call			55.08000	0.05508	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.00	Put			0.00000	0.00000	190,400		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Call			114.23000	0.11423	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	11.01	Put			0.00000	0.00000	131,250		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Call			0.00000	0.00000	0,000		0.00	0	0
ES33 On 01/02/2018 Bond Future	10.99	Put			4.15000	0.00415	249,630		0.00	0	0
ES33 On 03/05/2018 Bond Future	11.20	Call			606.17000	0.60617	355,530		0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES33 On 03/05/2018 Bond Future	11.20	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 03/05/2018 Bond Future	11.21	Call			663.74000	0.66374	413,100		0.00	0	0
ES33 On 03/05/2018 Bond Future	11.21	Put			0.00000	0.00000	0,000		0.00	0	0
ES33 On 03/05/2018 Bond Future	11.22	Call			721.24000	0.72124	470,600		0.00	0	0
ES33 On 03/05/2018 Bond Future	11.22	Put			0.00000	0.00000	0,000		0.00	0	0
Total ES33 Option									0.00	0	0
Total For ES33									0.00	0	9,466
ES42 On 02/11/2017 Bond Future			11.17102	78.05934	11.14632	78.22570			0.00	0	7,957
ES42 On 01/02/2018 Bond Future			11.27886	79.49099	11.25337	79.65984			0.00	0	0
ES42 On 03/05/2018 Bond Future			11.38712	76.72409	11.36062	76.89666			0.00	0	0
Total ES42 Future									0.00	0	7,957
Total For ES42									0.00	0	7,957
I2025 On 02/11/2017 Bond Future			129.99414	129.99414	130.00104	130.00104			0.00	0	2,291
I2025 On 01/02/2018 Bond Future			131.07193	131.07193	131.07693	131.07693			0.00	0	0
I2025 On 03/05/2018 Bond Future			133.59731	133.59731	133.60245	133.60245			0.00	0	0
Total I2025 Future									0.00	0	2,291
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			2,968.96000	2.96896	2,975,860		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 02/11/2017 Bond Future	132.98	Put			2,978.96000	2.97896	2,985,860		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			2,958.96000	2.95896	2,965,860		0.00	0	0
I2025 On 01/02/2018 Bond Future	133.88	Call			0.00000	0.00000	0,000		0.00	0	0
I2025 On 01/02/2018 Bond Future	133.88	Put			2,803.07000	2.80307	2,808,070		0.00	0	0
I2025 On 01/02/2018 Bond Future	133.89	Call			0.00000	0.00000	0,000		0.00	0	0
I2025 On 01/02/2018 Bond Future	133.89	Put			2,813.07000	2.81307	2,818,070		0.00	0	0
I2025 On 01/02/2018 Bond Future	133.90	Call			0.00000	0.00000	0,000		0.00	0	0
I2025 On 01/02/2018 Bond Future	133.90	Put			2,823.07000	2.82307	2,828,070		0.00	0	0
I2025 On 03/05/2018 Bond Future	133.22	Put			0.00000	0.00000	0,000		0.00	0	0
I2025 On 03/05/2018 Bond Future	133.20	Call			402.45000	0.40245	397,310		0.00	0	0
I2025 On 03/05/2018 Bond Future	133.20	Put			0.00000	0.00000	0,000		0.00	0	0
I2025 On 03/05/2018 Bond Future	133.21	Call			392.45000	0.39245	387,310		0.00	0	0
I2025 On 03/05/2018 Bond Future	133.21	Put			0.00000	0.00000	0,000		0.00	0	0
I2025 On 03/05/2018 Bond Future	133.22	Call			382.45000	0.38245	377,310		0.00	0	0
Total I2025 Option									0.00	0	0
Total For I2025									0.00	0	2,291
I2029 On 02/11/2017 Bond Future			100.24649	100.24649	100.25176	100.25176			0.00	0	1,370
I2029 On 01/02/2018 Bond Future			102.12018	102.12018	102.12391	102.12391			0.00	0	0
I2029 On 03/05/2018 Bond Future			103.05969	103.05969	103.06356	103.06356			0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total I2029 Future												0.00	0	1,370
Total For I2029												0.00	0	1,370
I2033	On	02/11/2017	Bond Future			104.42539	104.42539	104.84784	104.84784			0.00	0	5,174
I2033	On	01/02/2018	Bond Future			106.37731	106.37731	106.80585	106.80585			0.00	0	0
I2033	On	03/05/2018	Bond Future			107.32830	107.32830	107.76524	107.76524			0.00	0	0
Total I2033 Future												0.00	0	5,174
I2033	On	02/11/2017	Bond Future	110.07	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.07	Put			5,222.16000	5.22216	5,644,610		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	02/11/2017	Bond Future	110.08	Put			5,232.16000	5.23216	5,654,610		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.09	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	02/11/2017	Bond Future	110.09	Put			5,242.16000	5.24216	5,664,610		0.00	0	0
I2033	On	01/02/2018	Bond Future	109.66	Put			2,854.15000	2.85415	3,282,690		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			2,834.15000	2.83415	3,262,690		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			2,844.15000	2.84415	3,272,690		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	03/05/2018	Bond Future	107.69	Put			0.00000	0.00000	361,700		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.70	Call			65.24000	0.06524	0,000		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.70	Put			0.00000	0.00000	371,700		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.71	Call			55.24000	0.05524	0,000		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.71	Put			0.00000	0.00000	381,700		0.00	0	0
I2033	On	03/05/2018	Bond Future	107.69	Call			75.24000	0.07524	0,000		0.00	0	0
Total I2033 Option												0.00	0	0
Total For I2033												0.00	0	5,174
I2038	On	02/11/2017	Bond Future			131.22072	131.22072	131.22807	131.22807			0.00	0	19,558
I2038	On	01/02/2018	Bond Future			132.15242	132.15242	132.15770	132.15770			0.00	0	0
I2038	On	03/05/2018	Bond Future			134.69865	134.69865	134.70416	134.70416			0.00	0	0
Total I2038 Future												0.00	0	19,558
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			5,581.93000	5.58193	5,589,280		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			5,591.93000	5.59193	5,599,280		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.80	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	02/11/2017	Bond Future	136.80	Put			5,571.93000	5.57193	5,579,280		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			4,782.30000	4.78230	4,787,580		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			4,792.30000	4.79230	4,797,580		0.00	0	0

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			4,772.30000	4.77230	4,777,580		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.27	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.28	Call			2,424.16000	2.42416	2,418,650		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.28	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.29	Call			2,414.16000	2.41416	2,408,650		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.29	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/05/2018	Bond Future	132.27	Call			2,434.16000	2.43416	2,428,650		0.00	0	0
Total I2038 Option												0.00	0	0
Total For I2038												0.00	0	19,558
I2046	On	02/11/2017	Bond Future			125.71357	125.71357	125.72041	125.72041			0.00	0	21,292
I2046	On	01/02/2018	Bond Future			128.06333	128.06333	128.06818	128.06818			0.00	0	0
I2046	On	03/05/2018	Bond Future			128.91539	128.91539	128.92026	128.92026			0.00	0	0
Total I2046 Future												0.00	0	21,292
I2046	On	02/11/2017	Bond Future	136.31	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	02/11/2017	Bond Future	136.31	Put			10,589.59000	10.58959	10,596,430		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			10,599.59000	10.59959	10,606,430		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			10,579.59000	10.57959	10,586,430		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			4,831.82000	4.83182	4,836,670		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			4,841.82000	4.84182	4,846,670		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			4,851.82000	4.85182	4,856,670		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.94	Call			980.26000	0.98026	975,390		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.94	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.95	Call			970.26000	0.97026	965,390		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.95	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.93	Call			990.26000	0.99026	985,390		0.00	0	0
I2046	On	03/05/2018	Bond Future	127.93	Put			0.00000	0.00000	0,000		0.00	0	0
Total I2046 Option												0.00	0	0
Total For I2046												0.00	0	21,292
I2050	On	02/11/2017	Bond Future			133.43182	133.43182	134.64225	134.64225			133,431.82	1	21,928
I2050	On	01/02/2018	Bond Future			134.23495	134.23495	135.46576	135.46576			0.00	0	0
I2050	On	03/05/2018	Bond Future			136.82113	136.82113	138.07576	138.07576			0.00	0	0
Total I2050 Future												133,431.82	1	21,928
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			10,017.75000	10.01775	11,228,180		0.00	0	0

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	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			10,027.75000	10.02775	11,238,180		0.00	0	0
I2050	On	02/11/2017	Bond Future	144.65	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	02/11/2017	Bond Future	144.65	Put			10,007.75000	10.00775	11,218,180		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.24	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	01/02/2018	Bond Future	140.24	Put			4,774.24000	4.77424	6,005,050		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			4,784.24000	4.78424	6,015,050		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			4,764.24000	4.76424	5,995,050		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.62	Call			2,455.76000	2.45576	1,201,130		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.62	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.63	Call			2,445.76000	2.44576	1,191,130		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.63	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.61	Call			2,465.76000	2.46576	1,211,130		0.00	0	0
I2050	On	03/05/2018	Bond Future	135.61	Put			0.00000	0.00000	0,000		0.00	0	0
Total I2050 Option												0.00	0	0
Total For I2050												133,431.82	1	21,928
R186	On	02/11/2017	Bond Future			8.67534	115.30559	8.63426	115.58028		7.33	383,506,392.34	3,326	156,667
R186	On	01/02/2018	Bond Future			8.72807	112.12099	8.68534	112.39992		7.39	0.00	0	198
R186	On	03/05/2018	Bond Future			8.77710	114.22898	8.73237	114.51392		7.43	0.00	0	0
Total R186 Future												383,506,392.34	3,326	156,865
R186	On	02/11/2017	Bond Future	8.89	Call			2,612.96000	2.61296	2,423,790	7.41	0.00	0	0
R186	On	02/11/2017	Bond Future	8.89	Put			917.41000	0.91741	1,002,930	7.41	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Call			2,657.30000	2.65730	2,466,580	7.41	0.00	0	0
R186	On	02/11/2017	Bond Future	8.90	Put			896.15000	0.89615	980,120	7.41	0.00	0	0
R186	On	02/11/2017	Bond Future	8.88	Call			2,569.16000	2.56916	2,381,570	7.40	0.00	0	0
R186	On	02/11/2017	Bond Future	8.88	Put			939.26000	0.93926	1,026,360	7.40	0.00	0	0
R186	On	02/11/2017	Bond Future	8.75	Call			2,030.95000	2.03095	1,865,040	7.33	0.00	0	0
R186	On	02/11/2017	Bond Future	8.75	Put			1,259.32000	1.25932	1,368,100	7.33	0.00	0	2,500
R186	On	02/11/2017	Bond Future	9.00	Call			3,117.91000	3.11791	2,912,480	7.47	0.00	0	0
R186	On	02/11/2017	Bond Future	9.00	Put			703.59000	0.70359	772,850	7.47	0.00	0	5,000
R186	On	01/02/2018	Bond Future	8.75	Put			2,085.28000	2.08528	2,209,900	7.39	0.00	0	820
R186	On	01/02/2018	Bond Future	8.97	Call			3,349.32000	3.34932	3,168,520	7.51	0.00	0	0
R186	On	01/02/2018	Bond Future	8.97	Put			1,508.48000	1.50848	1,606,610	7.51	0.00	0	0
R186	On	01/02/2018	Bond Future	7.75	Call			363.16000	0.36316	323,980	7.02	0.00	0	1,460
R186	On	01/02/2018	Bond Future	8.98	Call			3,390.51000	3.39051	3,208,570	7.52	0.00	0	0
R186	On	01/02/2018	Bond Future	8.98	Put			1,485.73000	1.48573	1,582,720	7.52	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Call			3,308.37000	3.30837	3,128,710	7.51	0.00	0	0
R186	On	01/02/2018	Bond Future	8.96	Put			1,531.51000	1.53151	1,630,780	7.51	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R186	On	01/02/2018	Bond Future	8.75	Call			2,507.01000	2.50701	2,352,700	7.39	0.00	0	0
R186	On	01/02/2018	Bond Future	9.00	Put			1,440.76000	1.44076	1,535,510	7.53	0.00	0	6,200
R186	On	01/02/2018	Bond Future	9.25	Call			4,578.63000	4.57863	4,368,830	7.67	0.00	0	0
R186	On	01/02/2018	Bond Future	9.25	Put			966.34000	0.96634	1,035,470	7.67	0.00	0	820
R186	On	01/02/2018	Bond Future	8.50	Put			2,940.80000	2.94080	3,097,500	7.30	0.00	0	0
R186	On	01/02/2018	Bond Future	8.50	Call			1,720.12000	1.72012	1,597,890	7.30	0.00	0	1,460
R186	On	01/02/2018	Bond Future	7.75	Put			6,708.07000	6.70807	6,947,820	7.02	0.00	0	0
R186	On	01/02/2018	Bond Future	9.00	Call			3,473.25000	3.47325	3,289,070	7.53	0.00	0	0
R186	On	03/05/2018	Bond Future	8.93	Put			2,337.23000	2.33723	2,453,490	7.53	0.00	0	0
R186	On	03/05/2018	Bond Future	8.91	Call			3,515.28000	3.51528	3,348,510	7.52	0.00	0	0
R186	On	03/05/2018	Bond Future	8.91	Put			2,389.41000	2.38941	2,507,580	7.52	0.00	0	0
R186	On	03/05/2018	Bond Future	8.92	Call			3,551.81000	3.55181	3,384,090	7.53	0.00	0	0
R186	On	03/05/2018	Bond Future	8.92	Put			2,363.01000	2.36301	2,480,230	7.53	0.00	0	0
R186	On	03/05/2018	Bond Future	8.93	Call			3,588.92000	3.58892	3,420,240	7.53	0.00	0	0
Total R186 Option												0.00	0	18,260
Total For R186												383,506,392.34	3,326	175,125
R197	On	02/11/2017	Bond Future			301.31635	301.31635	301.33297	301.33297			0.00	0	2,350
R197	On	01/02/2018	Bond Future			299.89977	299.89977	299.91170	299.91170			0.00	0	0
R197	On	03/05/2018	Bond Future			305.67808	305.67808	305.69046	305.69046			0.00	0	0
Total R197 Future												0.00	0	2,350
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			3,827.03000	3.82703	3,843,650		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			3,837.03000	3.83703	3,853,650		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			3,817.03000	3.81703	3,833,650		0.00	0	0
R197	On	01/02/2018	Bond Future	301.66	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	01/02/2018	Bond Future	301.66	Put			1,748.30000	1.74830	1,760,230		0.00	0	0
R197	On	01/02/2018	Bond Future	301.67	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	01/02/2018	Bond Future	301.67	Put			1,758.30000	1.75830	1,770,230		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	Call			0.00000	0.00000	0,000		0.00	0	0
R197	On	01/02/2018	Bond Future	301.68	Put			1,768.30000	1.76830	1,780,230		0.00	0	0
R197	On	03/05/2018	Bond Future	304.46	Call			1,230.46000	1.23046	1,218,080		0.00	0	0
R197	On	03/05/2018	Bond Future	304.46	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/05/2018	Bond Future	304.44	Call			1,250.46000	1.25046	1,238,080		0.00	0	0
R197	On	03/05/2018	Bond Future	304.44	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/05/2018	Bond Future	304.45	Call			1,240.46000	1.24046	1,228,080		0.00	0	0
R197	On	03/05/2018	Bond Future	304.45	Put			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

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	02/11/2017	Bond Future			242.41056	242.41056	242.42347	242.42347			0.00	0	28,504
R202	On	01/02/2018	Bond Future			243.19764	243.19764	243.20664	243.20664			0.00	0	0
R202	On	03/05/2018	Bond Future			247.88344	247.88344	247.89273	247.89273			0.00	0	0
Total R202 Future												0.00	0	28,504
R202	On	02/11/2017	Bond Future	253.90	Put			11,476.53000	11.47653	11,489,440		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			11,486.53000	11.48653	11,499,440		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			11,466.53000	11.46653	11,479,440		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	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			5,863.36000	5.86336	5,872,360		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			5,873.36000	5.87336	5,882,360		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			5,853.36000	5.85336	5,862,360		0.00	0	0
R202	On	03/05/2018	Bond Future	247.48	Call			412.73000	0.41273	403,440		0.00	0	0
R202	On	03/05/2018	Bond Future	247.48	Put			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/05/2018	Bond Future	247.49	Call			402.73000	0.40273	393,440		0.00	0	0
R202	On	03/05/2018	Bond Future	247.49	Put			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/05/2018	Bond Future	247.47	Call			422.73000	0.42273	413,440		0.00	0	0
R202	On	03/05/2018	Bond Future	247.47	Put			0.00000	0.00000	0,000		0.00	0	0
Total R202 Option												0.00	0	0
Total For R202												0.00	0	28,504
R2023	On	02/11/2017	Bond Future			7.98072	100.45476	7.94934	100.58786		4.26	0.00	0	53,785
R2023	On	01/02/2018	Bond Future			8.01825	102.29769	7.98512	102.43255		4.64	0.00	0	0
R2023	On	03/05/2018	Bond Future			8.04149	100.29075	8.00613	100.42881		4.49	0.00	0	0
Total R2023 Future												0.00	0	53,785
R2023	On	02/11/2017	Bond Future	8.56	Call			2,667.35000	2.66735	2,547,260	4.43	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.56	Put			115.97000	0.11597	128,980	4.43	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.57	Call			2,704.06000	2.70406	2,583,540	4.43	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.57	Put			111.58000	0.11158	124,160	4.43	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.58	Call			2,740.81000	2.74081	2,619,860	4.43	0.00	0	0
R2023	On	02/11/2017	Bond Future	8.58	Put			107.24000	0.10724	119,390	4.43	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.31	Put			777.51000	0.77751	820,930	4.74	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Call			2,117.07000	2.11707	2,025,050	4.74	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.32	Put			764.23000	0.76423	807,070	4.74	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Call			2,144.27000	2.14427	2,051,680	4.75	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.33	Put			751.38000	0.75138	793,650	4.75	0.00	0	0
R2023	On	01/02/2018	Bond Future	8.31	Call			2,090.28000	2.09028	1,998,840	4.74	0.00	0	0

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	03/05/2018	Bond Future	8.29	Put			1,066.24000	1.06624	1,116,970	4.57	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.27	Call			2,119.38000	2.11938	2,033,080	4.57	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.27	Put			1,094.79000	1.09479	1,146,550	4.57	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.28	Call			2,143.44000	2.14344	2,056,620	4.57	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.28	Put			1,080.28000	1.08028	1,131,520	4.57	0.00	0	0
R2023	On	03/05/2018	Bond Future	8.29	Call			2,167.95000	2.16795	2,080,620	4.57	0.00	0	0
Total R2023 Option												0.00	0	0
Total For R2023												0.00	0	53,785
R2030	On	02/11/2017	Bond Future			9.22055	93.28761	9.18500	93.52985			305,610,210.36	3,276	55,173
R2030	On	01/02/2018	Bond Future			9.27904	90.99428	9.24234	91.24028			0.00	0	0
R2030	On	03/05/2018	Bond Future			9.33778	92.70505	9.29968	92.95634			0.00	0	0
Total R2030 Future												305,610,210.36	3,276	55,173
R2030	On	02/11/2017	Bond Future	9.35	Call			1,116.93000	1.11693	874,690		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.35	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	02/11/2017	Bond Future	9.36	Call			1,184.01000	1.18401	941,770		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			1,049.77000	1.04977	807,530		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	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			918.06000	0.91806	672,060		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			984.26000	0.98426	738,260		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			851.80000	0.85180	605,800		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.50	Call			1,310.65000	1.31065	1,059,360		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.50	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.51	Call			1,375.40000	1.37540	1,124,110		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.51	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.49	Call			1,245.83000	1.24583	994,540		0.00	0	0
R2030	On	03/05/2018	Bond Future	9.49	Put			0.00000	0.00000	0,000		0.00	0	0
Total R2030 Option												0.00	0	0
Total For R2030												305,610,210.36	3,276	55,173
R2032	On	02/11/2017	Bond Future			9.46646	91.38891	9.42072	91.72107		10.97	0.00	0	32,123
R2032	On	01/02/2018	Bond Future			9.53087	93.06535	9.48370	93.40290		10.85	0.00	0	0
R2032	On	03/05/2018	Bond Future			9.59169	90.65762	9.54284	91.00218		11.01	0.00	0	0
Total R2032 Future												0.00	0	32,123
R2032	On	02/11/2017	Bond Future	9.49	Call			2,180.95000	2.18095	1,990,720	10.97	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.49	Put			1,678.52000	1.67852	1,820,450	10.97	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.50	Call			2,220.38000	2.22038	2,028,170	10.97	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.50	Put			1,645.75000	1.64575	1,785,700	10.97	0.00	0	0

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	9.48	Call			2,141.91000	2.14191	1,953,660	10.96	0.00	0	0
R2032	On	02/11/2017	Bond Future	9.48	Put			1,711.75000	1.71175	1,855,660	10.96	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.30	Put			3,510.08000	3.51008	3,694,850	10.75	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.30	Call			2,178.20000	2.17820	2,025,420	10.75	0.00	0	7,800
R2032	On	01/02/2018	Bond Future	9.20	Put			3,947.54000	3.94754	4,146,390	10.71	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.20	Call			1,878.89000	1.87889	1,740,190	10.71	0.00	0	7,500
R2032	On	01/02/2018	Bond Future	9.45	Put			2,919.04000	2.91904	3,082,700	10.83	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.45	Call			2,676.77000	2.67677	2,502,880	10.83	0.00	0	750
R2032	On	01/02/2018	Bond Future	9.40	Put			3,107.47000	3.10747	3,278,140	10.80	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.40	Call			2,504.05000	2.50405	2,337,170	10.80	0.00	0	6,800
R2032	On	01/02/2018	Bond Future	9.56	Call			3,083.94000	3.08394	2,894,900	10.90	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.56	Put			2,538.83000	2.53883	2,687,340	10.90	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Call			3,122.81000	3.12281	2,932,410	10.91	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.57	Put			2,506.60000	2.50660	2,653,750	10.91	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Call			3,045.31000	3.04531	2,857,630	10.89	0.00	0	0
R2032	On	01/02/2018	Bond Future	9.55	Put			2,571.38000	2.57138	2,721,250	10.89	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.70	Call			4,018.53000	4.01853	3,818,530	11.17	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.70	Put			2,916.67000	2.91667	3,061,230	11.17	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.71	Call			4,058.03000	4.05803	3,856,930	11.18	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.71	Put			2,886.71000	2.88671	3,030,170	11.18	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.72	Call			4,097.70000	4.09770	3,895,520	11.19	0.00	0	0
R2032	On	03/05/2018	Bond Future	9.72	Put			2,856.99000	2.85699	2,999,370	11.19	0.00	0	0
Total R2032 Option												0.00	0	22,850
Total For R2032												0.00	0	54,973
R2035	On	02/11/2017	Bond Future			9.71074	94.70294	9.67022	95.02252			0.00	0	12,213
R2035	On	01/02/2018	Bond Future			9.78098	96.44039	9.73922	96.76507			0.00	0	0
R2035	On	03/05/2018	Bond Future			9.84393	93.75276	9.80074	94.08424			0.00	0	0
Total R2035 Future												0.00	0	12,213
R2035	On	02/11/2017	Bond Future	9.60	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.60	Put			557.78000	0.55778	877,360		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.61	Put			478.04000	0.47804	797,620		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Call			0.00000	0.00000	0,000		0.00	0	0
R2035	On	02/11/2017	Bond Future	9.59	Put			637.62000	0.63762	957,200		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.73	Put			71.92000	0.07192	396,600		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Call			6.08000	0.00608	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.74	Put			0.00000	0.00000	318,600		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Call			83.98000	0.08398	0,000		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.75	Put			0.00000	0.00000	240,700		0.00	0	0
R2035	On	01/02/2018	Bond Future	9.73	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
R2035	On	03/05/2018	Bond Future	9.90	Call			759.14000	0.75914	427,660		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.90	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.91	Call			835.10000	0.83510	503,620		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.91	Put			0.00000	0.00000	0,000		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.89	Call			683.09000	0.68309	351,610		0.00	0	0
R2035	On	03/05/2018	Bond Future	9.89	Put			0.00000	0.00000	0,000		0.00	0	0
Total R2035 Option												0.00	0	0
Total For R2035												0.00	0	12,213
R2037	On	02/11/2017	Bond Future			9.79708	91.12591	9.75659	91.44411		12.79	0.00	0	60,243
R2037	On	01/02/2018	Bond Future			9.86271	88.54262	9.82102	88.86602		12.68	0.00	0	160
R2037	On	03/05/2018	Bond Future			9.92843	90.20727	9.88535	90.53734		12.84	0.00	0	0
Total R2037 Future												0.00	0	60,403
R2037	On	02/11/2017	Bond Future	9.66	Call			1,852.46000	1.85246	1,697,700	12.60	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.66	Put			2,618.71000	2.61871	2,782,150	12.60	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.67	Call			1,888.12000	1.88812	1,731,520	12.61	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.67	Put			2,574.57000	2.57457	2,736,170	12.61	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.65	Call			1,817.19000	1.81719	1,664,280	12.60	0.00	0	0
R2037	On	02/11/2017	Bond Future	9.65	Put			2,663.36000	2.66336	2,828,650	12.60	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.81	Put			3,169.31000	3.16931	3,320,480	12.73	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.82	Call			3,123.09000	3.12309	2,949,570	12.74	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.82	Put			3,131.03000	3.13103	3,280,910	12.74	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.83	Call			3,162.93000	3.16293	2,988,120	12.75	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.83	Put			3,093.12000	3.09312	3,241,710	12.75	0.00	0	0
R2037	On	01/02/2018	Bond Future	9.81	Call			3,083.51000	3.08351	2,911,280	12.73	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.99	Call			4,350.24000	4.35024	4,162,200	12.84	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.99	Put			3,551.75000	3.55175	3,693,780	12.84	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.97	Call			4,269.90000	4.26990	4,083,880	12.82	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.97	Put			3,623.14000	3.62314	3,767,190	12.82	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.98	Call			4,310.13000	4.31013	4,123,100	12.83	0.00	0	0
R2037	On	03/05/2018	Bond Future	9.98	Put			3,587.45000	3.58745	3,730,490	12.83	0.00	0	0
Total R2037 Option												0.00	0	0
Total For R2037												0.00	0	60,403
R204	On	02/11/2017	Bond Future			7.04886	104.03311	7.03553	104.04736		0.38	304,712,979.19	2,929	47,386
R204	On	01/02/2018	Bond Future			6.93686	101.90362	6.92046	101.91737		0.75	0.00	0	0
R204	On	03/05/2018	Bond Future			6.66569	103.81949	6.64132	103.83423		0.60	0.00	0	0
Total R204 Future												304,712,979.19	2,929	47,386
R204	On	02/11/2017	Bond Future	7.75	Call			759.66000	0.75966	745,410	0.43	0.00	0	0
R204	On	02/11/2017	Bond Future	7.75	Put			0.01000	0.00001	0,010	0.43	0.00	0	0
R204	On	02/11/2017	Bond Future	7.76	Call			770.23000	0.77023	755,980	0.43	0.00	0	0
R204	On	02/11/2017	Bond Future	7.76	Put			0.01000	0.00001	0,010	0.43	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R204	On	02/11/2017	Bond Future	7.74	Call			749.08000	0.74908	734,830	0.43	0.00	0	0
R204	On	02/11/2017	Bond Future	7.74	Put			0.01000	0.00001	0,010	0.43	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Call			387.89000	0.38789	377,770	0.77	0.00	0	0
R204	On	01/02/2018	Bond Future	7.26	Put			103.64000	0.10364	107,270	0.77	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Call			393.99000	0.39399	383,800	0.77	0.00	0	0
R204	On	01/02/2018	Bond Future	7.27	Put			101.39000	0.10139	104,950	0.77	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Call			381.82000	0.38182	371,770	0.77	0.00	0	0
R204	On	01/02/2018	Bond Future	7.25	Put			105.93000	0.10593	109,630	0.77	0.00	0	0
R204	On	03/05/2018	Bond Future	7.09	Call			385.74000	0.38574	375,330	0.64	0.00	0	0
R204	On	03/05/2018	Bond Future	7.09	Put			115.05000	0.11505	119,380	0.64	0.00	0	0
R204	On	03/05/2018	Bond Future	7.10	Call			390.18000	0.39018	379,720	0.64	0.00	0	0
R204	On	03/05/2018	Bond Future	7.10	Put			113.47000	0.11347	117,750	0.64	0.00	0	0
R204	On	03/05/2018	Bond Future	7.08	Call			381.32000	0.38132	370,960	0.64	0.00	0	0
R204	On	03/05/2018	Bond Future	7.08	Put			116.65000	0.11665	121,030	0.64	0.00	0	0
Total R204 Option												0.00	0	0
Total For R204												304,712,979.19	2,929	47,386
R2040	On	02/11/2017	Bond Future			9.91337	94.25281	9.88833	94.46158		13.47	0.00	0	15,669
R2040	On	01/02/2018	Bond Future			9.98045	91.47657	9.95470	91.68852		13.33	0.00	0	0
R2040	On	03/05/2018	Bond Future			10.04759	93.19633	10.02095	93.41293		13.51	0.00	0	0
Total R2040 Future												0.00	0	15,669
R2040	On	02/11/2017	Bond Future	9.65	Put			3,571.64000	3.57164	3,688,640	13.27	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Call			1,577.47000	1.57747	1,484,500	13.28	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.66	Put			3,517.35000	3.51735	3,633,150	13.28	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Call			1,609.90000	1.60990	1,515,720	13.29	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.67	Put			3,463.44000	3.46344	3,578,030	13.29	0.00	0	0
R2040	On	02/11/2017	Bond Future	9.65	Call			1,545.29000	1.54529	1,453,520	13.27	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Call			3,068.73000	3.06873	2,956,560	13.26	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.88	Put			3,688.14000	3.68814	3,787,920	13.26	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Call			3,107.86000	3.10786	2,994,840	13.27	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.89	Put			3,643.96000	3.64396	3,742,890	13.27	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Call			3,029.61000	3.02961	2,918,280	13.26	0.00	0	0
R2040	On	01/02/2018	Bond Future	9.87	Put			3,732.46000	3.73246	3,833,080	13.26	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.08	Call			4,550.52000	4.55052	4,426,170	13.58	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.08	Put			4,071.53000	4.07153	4,163,780	13.58	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.06	Call			4,465.61000	4.46561	4,342,560	13.56	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.06	Put			4,148.39000	4.14839	4,241,940	13.56	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.07	Call			4,508.13000	4.50813	4,384,430	13.57	0.00	0	0
R2040	On	03/05/2018	Bond Future	10.07	Put			4,109.97000	4.10997	4,202,870	13.57	0.00	0	0
Total R2040 Option												0.00	0	0
Total For R2040												0.00	0	15,669

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			9.94172	91.28109	9.91667	91.49183		14.12	0.00	0	20,734
R2044	On	01/02/2018	Bond Future			10.00681	88.57544	9.98106	88.78942		13.96	0.00	0	0
R2044	On	03/05/2018	Bond Future			10.07184	90.24073	10.04523	90.45930		14.16	0.00	0	0
Total R2044 Future												0.00	0	20,734
R2044	On	02/11/2017	Bond Future	9.67	Call			1,550.22000	1.55022	1,458,160	13.93	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.67	Put			3,671.71000	3.67171	3,790,390	13.93	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.68	Call			1,582.43000	1.58243	1,489,160	13.94	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.68	Put			3,616.25000	3.61625	3,733,720	13.94	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.66	Call			1,518.43000	1.51843	1,427,570	13.93	0.00	0	0
R2044	On	02/11/2017	Bond Future	9.66	Put			3,727.73000	3.72773	3,847,610	13.93	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.90	Put			3,772.38000	3.77238	3,873,370	13.90	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.91	Call			3,132.46000	3.13246	3,018,620	13.91	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.91	Put			3,727.60000	3.72760	3,827,740	13.91	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.89	Call			3,053.70000	3.05370	2,941,560	13.90	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.89	Put			3,817.57000	3.81757	3,919,410	13.90	0.00	0	0
R2044	On	01/02/2018	Bond Future	9.90	Call			3,092.95000	3.09295	2,979,960	13.90	0.00	0	0
R2044	On	03/05/2018	Bond Future	10.10	Call			4,605.20000	4.60520	4,479,710	14.25	0.00	0	0
R2044	On	03/05/2018	Bond Future	10.10	Put			4,156.33000	4.15633	4,249,410	14.25	0.00	0	0
R2044	On	03/05/2018	Bond Future	10.11	Call			4,648.20000	4.64820	4,522,060	14.26	0.00	0	0
R2044	On	03/05/2018	Bond Future	10.11	Put			4,117.79000	4.11779	4,210,220	14.26	0.00	0	0
R2044	On	03/05/2018	Bond Future	10.09	Call			4,562.38000	4.56238	4,437,550	14.24	0.00	0	0
R2044	On	03/05/2018	Bond Future	10.09	Put			4,195.17000	4.19517	4,288,910	14.24	0.00	0	0
Total R2044 Option												0.00	0	0
Total For R2044												0.00	0	20,734
R2048	On	02/11/2017	Bond Future			9.90244	90.60258	9.87738	90.81928		14.29	90,602.58	1	75,989
R2048	On	01/02/2018	Bond Future			9.96849	92.26480	9.94274	92.48471		14.12	0.00	0	170
R2048	On	03/05/2018	Bond Future			10.02783	89.56208	10.00123	89.78680		14.35	0.00	0	0
Total R2048 Future												90,602.58	1	76,159
R2048	On	02/11/2017	Bond Future	9.65	Call			1,597.75000	1.59775	1,501,790	14.08	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.65	Put			3,607.42000	3.60742	3,728,160	14.08	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.66	Call			1,631.44000	1.63144	1,534,210	14.09	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.66	Put			3,551.05000	3.55105	3,670,520	14.09	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.64	Call			1,564.50000	1.56450	1,469,800	14.07	0.00	0	0
R2048	On	02/11/2017	Bond Future	9.64	Put			3,664.39000	3.66439	3,786,390	14.07	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.90	Call			3,417.13000	3.41713	3,297,290	14.06	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.90	Put			3,784.29000	3.78429	3,884,360	14.06	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.91	Call			3,458.83000	3.45883	3,338,140	14.07	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.91	Put			3,739.85000	3.73985	3,839,070	14.07	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Call			3,375.68000	3.37568	3,256,690	14.05	0.00	0	0
R2048	On	01/02/2018	Bond Future	9.89	Put			3,829.14000	3.82914	3,930,060	14.05	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2048	On	03/05/2018	Bond Future	10.06	Call			4,641.94000	4.64194	4,512,730	14.41	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.06	Put			4,146.80000	4.14680	4,242,310	14.41	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.07	Call			4,686.13000	4.68613	4,556,240	14.41	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.07	Put			4,107.23000	4.10723	4,202,060	14.41	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.05	Call			4,597.93000	4.59793	4,469,410	14.40	0.00	0	0
R2048	On	03/05/2018	Bond Future	10.05	Put			4,186.69000	4.18669	4,282,890	14.40	0.00	0	0
Total R2048 Option												0.00	0	0
Total For R2048												90,602.58	1	76,159
R207	On	02/11/2017	Bond Future			7.38697	101.97813	7.34772	102.05608		1.29	0.00	0	40,855
R207	On	01/02/2018	Bond Future			7.37705	100.20792	7.33276	100.28657		1.59	0.00	0	0
R207	On	03/05/2018	Bond Future			7.34987	102.09190	7.29812	102.17273		1.50	0.00	0	0
Total R207 Future												0.00	0	40,855
R207	On	02/11/2017	Bond Future	8.04	Call			1,369.63000	1.36963	1,293,500	1.42	0.00	0	0
R207	On	02/11/2017	Bond Future	8.04	Put			6.14000	0.00614	7,960	1.42	0.00	0	0
R207	On	02/11/2017	Bond Future	8.05	Call			1,388.72000	1.38872	1,312,480	1.42	0.00	0	0
R207	On	02/11/2017	Bond Future	8.05	Put			5.71000	0.00571	7,420	1.42	0.00	0	0
R207	On	02/11/2017	Bond Future	8.03	Call			1,350.56000	1.35056	1,274,540	1.41	0.00	0	0
R207	On	02/11/2017	Bond Future	8.03	Put			6.60000	0.00660	8,530	1.41	0.00	0	0
R207	On	01/02/2018	Bond Future	7.61	Call			743.43000	0.74343	690,640	1.65	0.00	0	0
R207	On	01/02/2018	Bond Future	7.61	Put			252.42000	0.25242	278,280	1.65	0.00	0	0
R207	On	01/02/2018	Bond Future	7.62	Call			755.70000	0.75570	702,480	1.65	0.00	0	0
R207	On	01/02/2018	Bond Future	7.62	Put			247.04000	0.24704	272,470	1.65	0.00	0	0
R207	On	01/02/2018	Bond Future	7.60	Call			731.25000	0.73125	678,890	1.65	0.00	0	0
R207	On	01/02/2018	Bond Future	7.60	Put			257.89000	0.25789	284,180	1.65	0.00	0	0
R207	On	03/05/2018	Bond Future	7.57	Call			776.72000	0.77672	726,080	1.55	0.00	0	0
R207	On	03/05/2018	Bond Future	7.57	Put			353.05000	0.35305	383,240	1.55	0.00	0	0
R207	On	03/05/2018	Bond Future	7.58	Call			787.05000	0.78705	736,080	1.55	0.00	0	0
R207	On	03/05/2018	Bond Future	7.58	Put			347.84000	0.34784	377,700	1.55	0.00	0	0
R207	On	03/05/2018	Bond Future	7.56	Call			766.77000	0.76677	716,490	1.55	0.00	0	0
R207	On	03/05/2018	Bond Future	7.56	Put			358.64000	0.35864	389,190	1.55	0.00	0	0
Total R207 Option												0.00	0	0
Total For R207												0.00	0	40,855
R208	On	02/11/2017	Bond Future			7.55548	98.32104	7.51777	98.43066		2.31	0.00	0	32,234
R208	On	01/02/2018	Bond Future			7.56883	100.12471	7.52805	100.23557		2.73	0.00	0	0
R208	On	03/05/2018	Bond Future			7.56510	98.60564	7.52014	98.71930		2.57	0.00	0	0
Total R208 Future												0.00	0	32,234
R208	On	02/11/2017	Bond Future	8.19	Call			1,953.78000	1.95378	1,848,940	2.46	0.00	0	0
R208	On	02/11/2017	Bond Future	8.19	Put			22.01000	0.02201	26,790	2.46	0.00	0	0
R208	On	02/11/2017	Bond Future	8.20	Call			1,980.95000	1.98095	1,875,870	2.46	0.00	0	0
R208	On	02/11/2017	Bond Future	8.20	Put			20.80000	0.02080	25,340	2.46	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R208	On	02/11/2017	Bond Future	8.18	Call			1,926.66000	1.92666	1,822,060	2.46	0.00	0	0
R208	On	02/11/2017	Bond Future	8.18	Put			23.29000	0.02329	28,310	2.46	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Call			1,268.40000	1.26840	1,193,020	2.81	0.00	0	0
R208	On	01/02/2018	Bond Future	7.84	Put			424.24000	0.42424	459,720	2.81	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Call			1,286.86000	1.28686	1,210,940	2.81	0.00	0	0
R208	On	01/02/2018	Bond Future	7.85	Put			415.79000	0.41579	450,730	2.81	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Call			1,250.07000	1.25007	1,175,240	2.81	0.00	0	0
R208	On	01/02/2018	Bond Future	7.83	Put			432.83000	0.43283	468,860	2.81	0.00	0	0
R208	On	03/05/2018	Bond Future	7.79	Put			585.25000	0.58525	627,390	2.64	0.00	0	0
R208	On	03/05/2018	Bond Future	7.77	Call			1,233.00000	1.23300	1,162,450	2.63	0.00	0	0
R208	On	03/05/2018	Bond Future	7.77	Put			603.43000	0.60343	646,540	2.63	0.00	0	0
R208	On	03/05/2018	Bond Future	7.78	Call			1,248.94000	1.24894	1,177,910	2.64	0.00	0	0
R208	On	03/05/2018	Bond Future	7.78	Put			594.28000	0.59428	636,910	2.64	0.00	0	0
R208	On	03/05/2018	Bond Future	7.79	Call			1,264.99000	1.26499	1,193,470	2.64	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												0.00	0	32,234
R209	On	02/11/2017	Bond Future			9.67347	71.47545	9.63300	71.74321		13.20	0.00	0	83,128
R209	On	01/02/2018	Bond Future			9.73405	72.78657	9.69247	73.05870		12.98	0.00	0	0
R209	On	03/05/2018	Bond Future			9.79132	71.00549	9.74843	71.28327		13.22	0.00	0	0
Total R209 Future												0.00	0	83,128
R209	On	02/11/2017	Bond Future	9.53	Call			1,479.27000	1.47927	1,350,940	13.07	0.00	0	0
R209	On	02/11/2017	Bond Future	9.53	Put			2,167.66000	2.16766	2,307,090	13.07	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Call			1,509.02000	1.50902	1,379,080	13.07	0.00	0	0
R209	On	02/11/2017	Bond Future	9.54	Put			2,130.14000	2.13014	2,267,960	13.07	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Call			1,449.88000	1.44988	1,323,160	13.06	0.00	0	0
R209	On	02/11/2017	Bond Future	9.52	Put			2,205.63000	2.20563	2,346,670	13.06	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Put			4,790.93000	4.79093	5,007,980	12.76	0.00	0	0
R209	On	02/11/2017	Bond Future	9.00	Call			398.22000	0.39822	347,510	12.76	0.00	0	4,100
R209	On	02/11/2017	Bond Future	10.00	Call			3,240.59000	3.24059	3,043,350	13.42	0.00	0	0
R209	On	02/11/2017	Bond Future	10.00	Put			866.79000	0.86679	937,310	13.42	0.00	0	3,360
R209	On	02/11/2017	Bond Future	10.60	Call			6,210.87000	6.21087	5,963,560	13.96	0.00	0	0
R209	On	02/11/2017	Bond Future	10.60	Put			206.98000	0.20698	227,430	13.96	0.00	0	1,300
R209	On	02/11/2017	Bond Future	9.75	Call			2,213.48000	2.21348	2,050,590	13.20	0.00	0	0
R209	On	02/11/2017	Bond Future	9.75	Put			1,443.48000	1.44348	1,548,350	13.20	0.00	0	6,500
R209	On	02/11/2017	Bond Future	8.30	Put			9,762.78000	9.76278	10,024,750	12.61	0.00	0	0
R209	On	02/11/2017	Bond Future	8.30	Call			29.66000	0.02966	23,870	12.61	0.00	0	2,800
R209	On	02/11/2017	Bond Future	9.58	Call			1,631.54000	1.63154	1,495,180	13.10	0.00	0	0
R209	On	02/11/2017	Bond Future	9.58	Put			1,984.52000	1.98452	2,115,920	13.10	0.00	0	1,350
R209	On	02/11/2017	Bond Future	9.33	Put			3,012.81000	3.01281	3,184,110	12.95	0.00	0	0
R209	On	02/11/2017	Bond Future	9.33	Call			959.00000	0.95900	862,540	12.95	0.00	0	1,350

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R209	On	02/11/2017	Bond Future	9.88	Call			2,725.84000	2.72584	2,544,210	13.32	0.00	0	0
R209	On	02/11/2017	Bond Future	9.88	Put			1,114.90000	1.11490	1,201,030	13.32	0.00	0	1,350
R209	On	01/02/2018	Bond Future	10.10	Call			4,135.87000	4.13587	3,948,490	13.29	0.00	0	0
R209	On	01/02/2018	Bond Future	10.10	Put			1,534.89000	1.53489	1,619,640	13.29	0.00	0	3,000
R209	On	01/02/2018	Bond Future	9.73	Call			2,736.55000	2.73655	2,586,350	12.97	0.00	0	0
R209	On	01/02/2018	Bond Future	9.73	Put			2,490.86000	2.49086	2,612,790	12.97	0.00	0	0
R209	On	01/02/2018	Bond Future	9.71	Call			2,669.66000	2.66966	2,521,630	12.96	0.00	0	0
R209	On	01/02/2018	Bond Future	9.71	Put			2,554.74000	2.55474	2,678,840	12.96	0.00	0	0
R209	On	01/02/2018	Bond Future	10.00	Call			3,732.39000	3.73239	3,554,370	13.20	0.00	0	0
R209	On	01/02/2018	Bond Future	10.00	Put			1,756.18000	1.75618	1,850,290	13.20	0.00	0	7,500
R209	On	01/02/2018	Bond Future	9.72	Call			2,703.00000	2.70300	2,553,880	12.96	0.00	0	0
R209	On	01/02/2018	Bond Future	9.72	Put			2,522.65000	2.52265	2,645,660	12.96	0.00	0	0
R209	On	03/05/2018	Bond Future	9.86	Call			3,588.23000	3.58823	3,429,080	13.32	0.00	0	0
R209	On	03/05/2018	Bond Future	9.86	Put			2,869.04000	2.86904	2,987,670	13.32	0.00	0	0
R209	On	03/05/2018	Bond Future	9.84	Call			3,518.60000	3.51860	3,361,200	13.30	0.00	0	0
R209	On	03/05/2018	Bond Future	9.84	Put			2,927.52000	2.92752	3,047,900	13.30	0.00	0	0
R209	On	03/05/2018	Bond Future	9.85	Call			3,553.34000	3.55334	3,395,060	13.31	0.00	0	0
R209	On	03/05/2018	Bond Future	9.85	Put			2,898.16000	2.89816	3,017,660	13.31	0.00	0	0
Total R209 Option												0.00	0	32,610
Total For R209												0.00	0	115,738
R210	On	02/11/2017	Bond Future			186.19966	186.19966	186.20976	186.20976			0.00	0	2,179
R210	On	01/02/2018	Bond Future			189.67994	189.67994	189.68712	189.68712			0.00	0	0
R210	On	03/05/2018	Bond Future			190.88570	190.88570	190.89320	190.89320			0.00	0	0
Total R210 Future												0.00	0	2,179
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			5,870.24000	5.87024	5,880,340		0.00	0	0
R210	On	02/11/2017	Bond Future	192.09	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	02/11/2017	Bond Future	192.09	Put			5,880.24000	5.88024	5,890,340		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			5,860.24000	5.86024	5,870,340		0.00	0	0
R210	On	01/02/2018	Bond Future	192.36	Put			2,672.88000	2.67288	2,680,060		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	01/02/2018	Bond Future	192.37	Put			2,682.88000	2.68288	2,690,060		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			2,692.88000	2.69288	2,700,060		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	03/05/2018	Bond Future	191.44	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/05/2018	Bond Future	191.44	Put			546.80000	0.54680	554,300		0.00	0	0
R210	On	03/05/2018	Bond Future	191.45	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/05/2018	Bond Future	191.45	Put			556.80000	0.55680	564,300		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R210	On	03/05/2018	Bond Future	191.46	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/05/2018	Bond Future	191.46	Put			566.80000	0.56680	574,300		0.00	0	0
Total R210 Option												0.00	0	0
Total For R210												0.00	0	2,179
R212	On	02/11/2017	Bond Future			151.16173	151.16173	151.23325	151.23325			158,266,331.31	1,047	3,812
R212	On	01/02/2018	Bond Future			151.92714	151.92714	151.99757	151.99757			0.00	0	0
R212	On	03/05/2018	Bond Future			154.85441	154.85441	154.92625	154.92625			0.00	0	0
Total R212 Future												158,266,331.31	1,047	3,812
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			1,176.75000	1.17675	1,248,270		0.00	0	0
R212	On	02/11/2017	Bond Future	152.42	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	02/11/2017	Bond Future	152.42	Put			1,186.75000	1.18675	1,258,270		0.00	0	0
R212	On	02/11/2017	Bond Future	152.40	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	02/11/2017	Bond Future	152.40	Put			1,166.75000	1.16675	1,238,270		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			2,702.43000	2.70243	2,772,860		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			2,712.43000	2.71243	2,782,860		0.00	0	0
R212	On	01/02/2018	Bond Future	154.69	Call			0.00000	0.00000	0,000		0.00	0	0
R212	On	01/02/2018	Bond Future	154.69	Put			2,692.43000	2.69243	2,762,860		0.00	0	0
R212	On	03/05/2018	Bond Future	154.28	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/05/2018	Bond Future	154.29	Call			636.25000	0.63625	564,410		0.00	0	0
R212	On	03/05/2018	Bond Future	154.29	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/05/2018	Bond Future	154.30	Call			626.25000	0.62625	554,410		0.00	0	0
R212	On	03/05/2018	Bond Future	154.30	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/05/2018	Bond Future	154.28	Call			646.25000	0.64625	574,410		0.00	0	0
Total R212 Option												0.00	0	0
Total For R212												158,266,331.31	1,047	3,812
R213	On	02/11/2017	Bond Future			9.33369	83.71647	9.29307	83.98498		10.74	0.00	0	62,970
R213	On	01/02/2018	Bond Future			9.39597	85.25233	9.35409	85.52512		10.65	0.00	0	0
R213	On	03/05/2018	Bond Future			9.45074	83.30518	9.40738	83.58378		10.80	0.00	0	0
Total R213 Future												0.00	0	62,970
R213	On	02/11/2017	Bond Future	9.35	Call			1,905.24000	1.90524	1,752,030	10.67	0.00	0	0
R213	On	02/11/2017	Bond Future	9.35	Put			1,529.25000	1.52925	1,644,550	10.67	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Call			1,940.76000	1.94076	1,785,920	10.67	0.00	0	0
R213	On	02/11/2017	Bond Future	9.36	Put			1,498.97000	1.49897	1,612,640	10.67	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Call			1,870.07000	1.87007	1,718,510	10.66	0.00	0	0
R213	On	02/11/2017	Bond Future	9.34	Put			1,559.95000	1.55995	1,676,900	10.66	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Call			2,759.72000	2.75972	2,607,030	10.78	0.00	0	0
R213	On	01/02/2018	Bond Future	9.42	Put			2,330.97000	2.33097	2,451,070	10.78	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R213	On	01/02/2018	Bond Future	9.43	Call			2,794.89000	2.79489	2,641,100	10.79	0.00	0	0
R213	On	01/02/2018	Bond Future	9.43	Put			2,301.36000	2.30136	2,420,360	10.79	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Call			2,725.00000	2.72500	2,573,420	10.77	0.00	0	0
R213	On	01/02/2018	Bond Future	9.41	Put			2,361.11000	2.36111	2,482,320	10.77	0.00	0	0
R213	On	03/05/2018	Bond Future	9.57	Call			3,616.11000	3.61611	3,453,020	10.85	0.00	0	0
R213	On	03/05/2018	Bond Future	9.57	Put			2,577.87000	2.57787	2,693,380	10.85	0.00	0	0
R213	On	03/05/2018	Bond Future	9.58	Call			3,652.31000	3.65231	3,488,320	10.86	0.00	0	0
R213	On	03/05/2018	Bond Future	9.58	Put			2,550.82000	2.55082	2,665,430	10.86	0.00	0	0
R213	On	03/05/2018	Bond Future	9.56	Call			3,580.35000	3.58035	3,418,160	10.85	0.00	0	0
R213	On	03/05/2018	Bond Future	9.56	Put			2,605.44000	2.60544	2,721,850	10.85	0.00	0	0
Total R213 Option												0.00	0	0
Total For R213												0.00	0	62,970
R214	On	02/11/2017	Bond Future			9.83036	70.94144	9.80530	71.11253		14.03	0.00	0	44,022
R214	On	01/02/2018	Bond Future			9.89396	72.24293	9.86823	72.41664		13.75	0.00	0	0
R214	On	03/05/2018	Bond Future			9.95092	70.30481	9.92438	70.48225		14.03	0.00	0	0
Total R214 Future												0.00	0	44,022
R214	On	02/11/2017	Bond Future	9.59	Call			1,239.58000	1.23958	1,163,620	13.78	0.00	0	0
R214	On	02/11/2017	Bond Future	9.59	Put			2,738.07000	2.73807	2,833,200	13.78	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Call			1,266.30000	1.26630	1,189,310	13.79	0.00	0	0
R214	On	02/11/2017	Bond Future	9.60	Put			2,694.04000	2.69404	2,788,140	13.79	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Call			1,213.22000	1.21322	1,138,290	13.78	0.00	0	0
R214	On	02/11/2017	Bond Future	9.58	Put			2,782.57000	2.78257	2,878,730	13.78	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Call			2,606.30000	2.60630	2,511,870	13.65	0.00	0	0
R214	On	01/02/2018	Bond Future	9.83	Put			2,865.72000	2.86572	2,945,000	13.65	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Call			2,639.33000	2.63933	2,544,210	13.65	0.00	0	0
R214	On	01/02/2018	Bond Future	9.84	Put			2,830.74000	2.83074	2,909,330	13.65	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Call			2,573.48000	2.57348	2,479,750	13.64	0.00	0	0
R214	On	01/02/2018	Bond Future	9.82	Put			2,901.02000	2.90102	2,981,000	13.64	0.00	0	0
R214	On	03/05/2018	Bond Future	9.98	Call			3,542.81000	3.54281	3,441,190	14.02	0.00	0	0
R214	On	03/05/2018	Bond Future	9.98	Put			3,171.78000	3.17178	3,247,600	14.02	0.00	0	0
R214	On	03/05/2018	Bond Future	9.99	Call			3,577.10000	3.57710	3,474,940	14.02	0.00	0	0
R214	On	03/05/2018	Bond Future	9.99	Put			3,139.71000	3.13971	3,214,990	14.02	0.00	0	0
R214	On	03/05/2018	Bond Future	9.97	Call			3,508.66000	3.50866	3,407,600	14.01	0.00	0	0
R214	On	03/05/2018	Bond Future	9.97	Put			3,204.10000	3.20410	3,280,480	14.01	0.00	0	0
Total R214 Option												0.00	0	0
Total For R214												0.00	0	44,022
Total for Bond												1,152,319,947.60	10,580	993,320
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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For E170										0.00	0	0
ES18 On 20/04/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES18 Future										0.00	0	0
Total For ES18										0.00	0	0
ES18A On 20/04/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES18A Future										0.00	0	0
Total For ES18A										0.00	0	0
ES23 On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES23 Future										0.00	0	0
Total For ES23										0.00	0	0
ES23A On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES23A Future										0.00	0	0
Total For ES23A										0.00	0	0
ES26 On 25/01/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26 Future										0.00	0	0
Total For ES26										0.00	0	0
ES26A On 02/04/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26A Future										0.00	0	0
Total For ES26A										0.00	0	0
ES33 On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33 Future										0.00	0	0
Total For ES33										0.00	0	0
ES33A On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33A Future										0.00	0	0
Total For ES33A										0.00	0	0
ES42 On 25/04/2042 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES42 Future										0.00	0	0
Total For ES42										0.00	0	0
I2025 On 31/01/2025 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2025 Future										0.00	0	0
Total For I2025										0.00	0	0
I2033 On 14/08/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
I2033 On 28/02/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total I2038 Future										0.00	0	0
Total For I2038										0.00	0	0
I2046 On 31/03/2046 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2046 Future										0.00	0	0
Total For I2046										0.00	0	0
I2050 On 31/12/2050 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2050 Future										0.00	0	0
Total For I2050										0.00	0	0
R186 On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186 Future										0.00	0	0
Total For R186										0.00	0	0
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186/R207 Future										0.00	0	0
Total For R186/R207										0.00	0	0
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186/R208 Future										0.00	0	0
Total For R186/R208										0.00	0	0
R197 On 07/12/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R197 Future										0.00	0	0
Total For R197										0.00	0	0
R202 On 07/12/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R202 Future										0.00	0	0
Total For R202										0.00	0	0
R2023 On 28/02/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2023 Future										0.00	0	0
Total For R2023										0.00	0	0
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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total R2035 Future										0.00	0	0
Total For R2035										0.00	0	0
R2037 On 31/01/2037 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2037 Future										0.00	0	0
Total For R2037										0.00	0	0
R204 On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204 Future										0.00	0	0
Total For R204										0.00	0	0
R204/R On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204/R203 Future										0.00	0	0
Total For R204/R203										0.00	0	0
R2040 On 06/10/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
R2040 On 31/01/2040 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2040 Future										0.00	0	0
Total For R2040										0.00	0	0
R2044 On 31/01/2044 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2044 Future										0.00	0	0
Total For R2044										0.00	0	0
R2048 On 28/02/2048 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2048 Future										0.00	0	0
Total For R2048										0.00	0	0
R207 On 15/01/2020 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R207 Future										0.00	0	0
Total For R207										0.00	0	0
R207/R On 15/01/2020 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R207/R203 Future										0.00	0	0
Total For R207/R203										0.00	0	0
R208 On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208 Future										0.00	0	0
Total For R208										0.00	0	0
R208/R On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208/R204 Future										0.00	0	0
Total For R208/R204										0.00	0	0
R208/R On 31/03/2021 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R208/R207 Future										0.00	0	0
Total For R208/R207										0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R209	On	31/03/2036	Price Contribution			6.25000	6.25000	6.25000	6.25000			0.00	0	0
Total R209 Future												0.00	0	0
Total For R209												0.00	0	0
R209/R	On	31/03/2036	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R209/R186 Future												0.00	0	0
Total For R209/R186												0.00	0	0
R209/R	On	31/03/2036	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R209/R204 Future												0.00	0	0
Total For R209/R204												0.00	0	0
R209/R	On	31/03/2036	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R209/R208 Future												0.00	0	0
Total For R209/R208												0.00	0	0
R210	On	31/03/2028	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R210 Future												0.00	0	0
Total For R210												0.00	0	0
R212	On	31/01/2022	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R212 Future												0.00	0	0
Total For R212												0.00	0	0
R213	On	28/02/2031	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R213 Future												0.00	0	0
Total For R213												0.00	0	0
R213/R	On	28/02/2031	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R213/R186 Future												0.00	0	0
Total For R213/R186												0.00	0	0
R214	On	28/02/2041	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R214 Future												0.00	0	0
Total For R214												0.00	0	0
R214/R	On	28/02/2041	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total R214/R209 Future												0.00	0	0
Total For R214/R209												0.00	0	0
Total for Price Contribution												0.00	0	0
GOVI	On	02/11/2017	GOVI			572.34300	572.34300	573.71100	573.71100			11,446,860.00	2	665
GOVI	On	01/02/2018	GOVI			582.84400	582.84400	584.23200	584.23200			0.00	0	0
GOVI	On	03/05/2018	GOVI			593.80200	593.80200	595.22000	595.22000			0.00	0	0
Total GOVI Future												11,446,860.00	2	665
GOVI	On	02/11/2017	GOVI	572.45	Call			12,610.00000	1.26100	0,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.45	Put			0.00000	0.00000	1,070,000		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
GOVI	On	02/11/2017	GOVI	572.46	Call			12,510.00000	1.25100	0,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.46	Put			0.00000	0.00000	1,170,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.44	Call			12,710.00000	1.27100	0,000		0.00	0	0
GOVI	On	02/11/2017	GOVI	572.44	Put			0.00000	0.00000	970,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.03	Call			32,020.00000	3.20200	18,140,000		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			31,920.00000	3.19200	18,040,000		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			32,120.00000	3.21200	18,240,000		0.00	0	0
GOVI	On	01/02/2018	GOVI	581.02	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.29	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.27	Call			49,500.00000	4.95000	35,320,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.27	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.28	Call			49,400.00000	4.94000	35,220,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.28	Put			0.00000	0.00000	0,000		0.00	0	0
GOVI	On	03/05/2018	GOVI	590.29	Call			49,300.00000	4.93000	35,120,000		0.00	0	0
Total GOVI Option												0.00	0	0
Total For GOVI												11,446,860.00	2	665
Total for GOVI												11,446,860.00	2	665
AL37	On	02/11/2017	Index Future			556.82700	556.82700	557.49100	557.49100			0.00	0	0
AL37	On	01/02/2018	Index Future			567.04300	567.04300	567.71500	567.71500			0.00	0	0
AL37	On	03/05/2018	Index Future			577.70400	577.70400	578.39300	578.39300			0.00	0	0
Total AL37 Future												0.00	0	0
Total For AL37												0.00	0	0
AL7T	On	02/11/2017	Index Future			639.69300	639.69300	641.23100	641.23100			0.00	0	0
AL7T	On	01/02/2018	Index Future			651.42900	651.42900	652.99100	652.99100			0.00	0	0
AL7T	On	03/05/2018	Index Future			663.67700	663.67700	665.27300	665.27300			0.00	0	0
Total AL7T Future												0.00	0	0
Total For AL7T												0.00	0	0
ALBI	On	02/11/2017	Index Future			573.53100	573.53100	574.89500	574.89500			0.00	0	616
ALBI	On	01/02/2018	Index Future			584.05300	584.05300	585.43900	585.43900			0.00	0	0
ALBI	On	03/05/2018	Index Future			595.03400	595.03400	596.45000	596.45000			0.00	0	0
Total ALBI Future												0.00	0	616
Total For ALBI												0.00	0	616
IGOV	On	02/11/2017	Index Future			251.70900	251.70900	252.01400	252.01400			0.00	0	1,161
IGOV	On	01/02/2018	Index Future			256.41400	256.41400	256.72000	256.72000			0.00	0	0
IGOV	On	03/05/2018	Index Future			261.35400	261.35400	261.66600	261.66600			0.00	0	0
Total IGOV Future												0.00	0	1,161
Total For IGOV												0.00	0	1,161

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total for Index										0.00	0	1,777
JIBAR F On 16/08/2017		Jibar Future	7.06000	92.94000	7.06000	92.94000				0.00	0	0
JIBAR F On 20/09/2017		Jibar Future	6.98000	93.02000	6.98000	93.02000				0.00	0	0
JIBAR F On 18/10/2017		Jibar Future	6.92000	93.08000	6.92000	93.08000				0.00	0	0
JIBAR F On 15/11/2017		Jibar Future	6.88000	93.12000	6.88000	93.12000				0.00	0	0
JIBAR F On 20/12/2017		Jibar Future	6.80000	93.20000	6.80000	93.20000				0.00	0	0
JIBAR F On 17/01/2018		Jibar Future	6.76000	93.24000	6.76000	93.24000				0.00	0	0
JIBAR F On 20/03/2018		Jibar Future	6.67000	93.33000	6.67000	93.33000				0.00	0	2,500
JIBAR F On 20/06/2018		Jibar Future	6.61000	93.39000	6.61000	93.39000				0.00	0	0
JIBAR F On 19/09/2018		Jibar Future	6.61000	93.39000	6.61000	93.39000				0.00	0	0
JIBAR F On 19/12/2018		Jibar Future	6.66000	93.34000	6.66000	93.34000				0.00	0	0
JIBAR F On 20/03/2019		Jibar Future	6.73000	93.27000	6.73000	93.27000				0.00	0	0
JIBAR F On 19/06/2019		Jibar Future	6.80000	93.20000	6.80000	93.20000				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	94.58218	94.58218	94.40855	94.40855				0.00	0	0
10Y ST On 16/03/2026		Interest Rate Swap	91.59965	91.59965	91.42401	91.42401				0.00	0	0
10Y ST On 15/06/2026		Interest Rate Swap	90.35789	90.35789	90.18003	90.18003				0.00	0	0
10Y ST On 21/09/2026		Interest Rate Swap	92.53660	92.53660	92.35542	92.35542				0.00	0	0
10Y ST On 21/12/2026		Interest Rate Swap	96.32999	96.32999	96.14342	96.14342				0.00	0	0
10Y ST On 15/03/2027		Interest Rate Swap	94.89573	94.89573	94.69766	94.69766				0.00	0	0
10Y ST On 21/06/2027		Interest Rate Swap	96.97846	96.97846	96.77224	96.77224				0.00	0	0
10Y ST On 20/09/2027		Interest Rate Swap	100.71131	100.71131	100.50362	100.50362				0.00	0	0
Total 10Y STND Future										0.00	0	0
Total For 10Y STND										0.00	0	0
1Y STN On 21/09/2017		Interest Rate Swap	99.61252	99.61252	99.61252	99.61252				0.00	0	0
1Y STN On 21/12/2017		Interest Rate Swap	99.76422	99.76422	99.76362	99.76362				0.00	0	0
1Y STN On 15/03/2018		Interest Rate Swap	99.64447	99.64447	99.64189	99.64189				0.00	0	0
1Y STN On 21/06/2018		Interest Rate Swap	99.72990	99.72990	99.72043	99.72043				0.00	0	0
1Y STN On 20/09/2018		Interest Rate Swap	99.83183	99.83183	99.81966	99.81966				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	99.79188	99.79188	99.79154	99.79154				0.00	0	0
2Y STN On 16/03/2018		Interest Rate Swap	98.92624	98.92624	98.92349	98.92349				0.00	0	0
2Y STN On 15/06/2018		Interest Rate Swap	98.41696	98.41696	98.40821	98.40821				0.00	0	0
2Y STN On 21/09/2018		Interest Rate Swap	98.29832	98.29832	98.28595	98.28595				0.00	0	0
2Y STN On 21/12/2018		Interest Rate Swap	98.60000	98.60000	98.58000	98.58000				0.00	0	0
2Y STN On 15/03/2019		Interest Rate Swap	98.91846	98.91846	98.89404	98.89404				0.00	0	0
2Y STN On 21/06/2019		Interest Rate Swap	99.24450	99.24450	99.21608	99.21608				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
2Y STN On 20/09/2019 Interest Rate Swap			99.59254	99.59254	99.56304	99.56304			0.00	0	0
Total 2Y STND Future									0.00	0	0
Total For 2Y STND									0.00	0	0
5Y STN On 17/12/2020 Interest Rate Swap			95.63338	95.63338	95.57843	95.57843			0.00	0	0
5Y STN On 16/03/2021 Interest Rate Swap			94.84265	94.84265	94.78250	94.78250			0.00	0	0
5Y STN On 15/06/2021 Interest Rate Swap			94.02270	94.02270	93.95561	93.95561			0.00	0	0
5Y STN On 21/09/2021 Interest Rate Swap			94.18700	94.18700	94.10860	94.10860			0.00	0	0
5Y STN On 21/12/2021 Interest Rate Swap			96.36784	96.36784	96.27478	96.27478			0.00	0	51
5Y STN On 15/03/2022 Interest Rate Swap			96.48436	96.48436	96.37596	96.37596			0.00	0	0
5Y STN On 21/06/2022 Interest Rate Swap			97.67630	97.67630	97.55295	97.55295			0.00	0	0
5Y STN On 20/09/2022 Interest Rate Swap			99.88099	99.88099	99.75045	99.75045			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 :									1,163,766,807.60	10,582	998,313
AA05 On 22/03/2019 Spot Bond			8.62500	104.63257	8.62500	104.60856			0.00	0	0
Total AA05 SPOT									0.00	0	0
Total For AA05									0.00	0	0
AA06 On 15/04/2021 Spot Bond				100.00000	0.00000	98.19722			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	12.99886	100.00000	12.96737			0.00	0	0
Total AA06/JIBAR SPOT									0.00	0	0
Total For AA06/JIBAR									0.00	0	0
AA07 On 15/04/2021 Spot Bond			9.61000	102.80128	9.61000	102.77492			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	109.71300	10.00000	109.68400			0.00	0	0
Total AB01/R186 SPOT									0.00	0	0
Total For AB01/R186									0.00	0	0
AB010 On 21/11/2017 Spot Bond				100.00000	0.00000	100.00436			0.00	0	0
Total AB010 SPOT									0.00	0	0
Total For AB010									0.00	0	0
AB011 On 21/11/2018 Spot Bond				100.00000	0.00000	99.91767			0.00	0	0
Total AB011 SPOT									0.00	0	0
Total For AB011									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
AB013 On 21/11/2018 Spot Bond			9.10500	100.99140	9.10500	100.96697			0.00	0	7,066,445,500
Total AB013 SPOT									0.00	0	7,066,445,500
Total For AB013									0.00	0	7,066,445,500
AB014L On 19/11/2019 Spot Bond			100.00000	24.41520	100.00000	24.35605			0.00	0	0
Total AB014U SPOT									0.00	0	0
Total For AB014U									0.00	0	0
AB015L On 19/11/2019 Spot Bond			10.84000	102.57495	10.84000	102.54552			0.00	0	0
Total AB015U SPOT									0.00	0	0
Total For AB015U									0.00	0	0
AB016L On 05/02/2020 Spot Bond			100.00000	22.32094	100.00000	22.26686			0.00	0	0
Total AB016U SPOT									0.00	0	0
Total For AB016U									0.00	0	0
AB017L On 05/02/2020 Spot Bond			100.00000	22.43249	100.00000	22.38311			0.00	0	0
Total AB017U SPOT									0.00	0	0
Total For AB017U									0.00	0	0
AB018L On 04/09/2020 Spot Bond			11.37000	105.06847	11.37000	105.03691			0.00	0	0
Total AB018U SPOT									0.00	0	0
Total For AB018U									0.00	0	0
AB019L On 04/09/2020 Spot Bond			100.00000	17.61761	100.00000	17.57493			0.00	0	0
Total AB019U SPOT									0.00	0	0
Total For AB019U									0.00	0	0
AB020L On 03/09/2022 Spot Bond			11.81000	105.31227	11.81000	105.27944			0.00	0	0
Total AB020U SPOT									0.00	0	0
Total For AB020U									0.00	0	0
AB021L On 03/09/2022 Spot Bond			100.00000	12.84075	100.00000	12.80965			0.00	0	0
Total AB021U SPOT									0.00	0	0
Total For AB021U									0.00	0	0
AB023L On 05/05/2021 Spot Bond			100.00000	14.81079	100.00000	14.77491			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	16.40831	100.00000	16.38268			0.00	0	0
Total AB024U SPOT									0.00	0	0
Total For AB024U									0.00	0	0
AB025L On 20/08/2021 Spot Bond			100.00000	13.71160	100.00000	13.67838			0.00	0	0
Total AB025U SPOT									0.00	0	0
Total For AB025U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
AB026L On 20/08/2021 Spot Bond			100.00000	15.04832	100.00000	15.01465				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	12.81424	100.00000	12.78887				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	12.51561	100.00000	15.21625				0.00	0	0
Total AB029U SPOT										0.00	0	0
Total For AB029U										0.00	0	0
AB030L On 14/08/2024 Spot Bond			100.00000	11.31246	100.00000	0.34406				0.00	0	0
Total AB030U SPOT										0.00	0	0
Total For AB030U										0.00	0	0
ABC12L On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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			4.48000	159.00373	4.48000	265.43497			2,867,200,000,000.00	640,000,000	320,000,000	
Total ABCPI3 SPOT									2,867,200,000,000.00	640,000,000	320,000,000	
Total For ABCPI3									2,867,200,000,000.00	640,000,000	320,000,000	
ABF19L On 21/04/2022 Spot Bond			100.00000	12.78576	100.00000	12.74584				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	101.68865				0.00	160,000,000	80,000,000
Total ABFN07 SPOT										0.00	160,000,000	80,000,000
Total For ABFN07										0.00	160,000,000	80,000,000
ABFN08 On 17/03/2020 Spot Bond				100.00000	0.00000	102.68123				0.00	1,000,000,000	14,000,000,000
Total ABFN08 SPOT										0.00	1,000,000,000	14,000,000,000
Total For ABFN08										0.00	1,000,000,000	14,000,000,000
ABFN09 On 17/03/2026 Spot Bond				100.00000	0.00000	101.48405				0.00	0	0
Total ABFN09 SPOT										0.00	0	0
Total For ABFN09										0.00	0	0
ABFN10 On 28/10/2019 Spot Bond				100.00000	0.00000	100.16748				0.00	0	200,000,000
Total ABFN10 SPOT										0.00	0	200,000,000
Total For ABFN10										0.00	0	200,000,000
ABFN12 On 09/04/2019 Spot Bond				100.00000	0.00000	100.65387				0.00	0	0
Total ABFN12 SPOT										0.00	0	0
Total For ABFN12										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABFN1: On 14/05/2020 Spot Bond				100.00000	0.00000	100.70630				0.00	0	0
Total ABFN13 SPOT										0.00	0	0
Total For ABFN13										0.00	0	0
ABFN1: On 14/05/2022 Spot Bond				100.00000	0.00000	100.02229				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	100.44017				0.00	0	0
Total ABFN15 SPOT										0.00	0	0
Total For ABFN15										0.00	0	0
ABFN1: On 11/11/2022 Spot Bond				100.00000	0.00000	100.29853				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	100.19931				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	101.29778				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	101.84265				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	101.90562				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	101.95809				0.00	0	0
Total ABFN22 SPOT										0.00	0	0
Total For ABFN22										0.00	0	0
ABFN2: On 25/05/2027 Spot Bond				100.00000	0.00000	99.50999				0.00	0	0
Total ABFN23 SPOT										0.00	0	0
Total For ABFN23										0.00	0	0
ABK1 On 07/11/2018 Spot Bond			11.10500	102.50624	11.10500	103.52860				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	97.10473				0.00	0	0
Total ABK10 SPOT										0.00	0	0
Total For ABK10										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABK11 On 20/05/2019 Spot Bond				100.00000	0.00000	98.33842				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	92.79789				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			10.05500	102.66720	10.05500	101.71001				0.00	0	0
Total ABK2 SPOT										0.00	0	0
Total For ABK2										0.00	0	0
ABK3 On 07/11/2018 Spot Bond				100.00000	0.00000	99.25944				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	40.63761	100.00000	40.53916				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	99.04371				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	66.23316	100.00000	66.07271				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	98.60418				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	40.84421	100.00000	40.74526				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	101.93706				0.00	0	0
Total ABK6 SPOT										0.00	0	0
Total For ABK6										0.00	0	0
ABK7 On 03/06/2019 Spot Bond				100.00000	0.00000	98.41041				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	95.40517				0.00	0	0
Total ABK8 SPOT										0.00	0	0
Total For ABK8										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABK9 On 18/11/2019 Spot Bond				100.00000	0.00000	95.94718			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			6.40000	147.84967	6.40000	148.37337			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			6.40000	104.24620	6.40000	130.64139			0.00	0	0
Total ABKI02 SPOT									0.00	0	0
Total For ABKI02									0.00	0	0
ABKI02 On 05/06/2020 Spot Bond			100.00000	15.85488	100.00000	15.82848			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			7.66000	93.18685	7.66000	109.60453			0.00	0	0
Total ABKI03 SPOT									0.00	0	0
Total For ABKI03									0.00	0	0
ABKI03 On 13/10/2021 Spot Bond			100.00000	7.32292	100.00000	7.31072			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			8.47000	97.28360	8.47000	110.65507			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	9.36896	100.00000	9.34746			0.00	0	0
Total ABKI04/I2025 SPOT									0.00	0	0
Total For ABKI04/I2025									0.00	0	0
ABKS1 On 05/04/2021 Spot Bond			100.00000	0.00000	0.00000	87.98667			0.00	0	0
Total ABKS1 SPOT									0.00	0	0
Total For ABKS1									0.00	0	0
ABN05 On 18/04/2021 Spot Bond			3.68000	185.55638	3.68000	185.52038			0.00	0	0
Total ABN05 SPOT									0.00	0	0
Total For ABN05									0.00	0	0
ABN33 On 29/01/2018 Spot Bond			7.96625	96.50367	7.96625	96.54288			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			7.96625	96.50367	7.96625	96.54288			0.00	0	0
Total ABN34 SPOT									0.00	0	0
Total For ABN34									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABN61 On 31/01/2025 Spot Bond			3.44000	119.21955	3.44000	119.77221				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			3.21000	125.56979	3.21000	173.32590				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			3.12000	137.82841	3.12000	221.08491				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			9.53000	96.02511	9.53000	96.00082				0.00	0	0
Total ABN67 SPOT										0.00	0	0
Total For ABN67										0.00	0	0
ABN72 On 17/03/2018 Spot Bond				100.00000	0.00000	101.81328				0.00	0	0
Total ABN72 SPOT										0.00	0	0
Total For ABN72										0.00	0	0
ABN74 On 09/05/2018 Spot Bond				100.00000	0.00000	133.59000				0.00	0	0
Total ABN74 SPOT										0.00	0	0
Total For ABN74										0.00	0	0
ABN79 On 21/12/2026 Spot Bond			9.99500	104.60155	9.99500	104.57368				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			8.68500	96.62548	8.68500	96.60305				0.00	0	0
Total ABN80 SPOT										0.00	0	0
Total For ABN80										0.00	0	0
ABN85 On 05/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN85 SPOT										0.00	0	0
Total For ABN85										0.00	0	0
ABN86 On 01/08/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN86 SPOT										0.00	0	0
Total For ABN86										0.00	0	0
ABN87 On 21/12/2026 Spot Bond			10.54000	101.34381	10.54000	101.31537				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	101.63823				0.00	0	0
Total ABN91 SPOT										0.00	0	0
Total For ABN91										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ABN92 On 31/01/2019 Spot Bond				100.00000	0.00000	100.38084			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			8.27000	104.97074	8.27000	104.94762			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			8.81000	105.20137	8.81000	105.17660			0.00	0	620,000,000
Total ABS11 SPOT									0.00	0	620,000,000
Total For ABS11									0.00	0	620,000,000
ABS12 On 14/05/2020 Spot Bond			8.94000	103.10389	8.94000	103.07938			0.00	0	0
Total ABS12 SPOT									0.00	0	0
Total For ABS12									0.00	0	0
ABS12/R On 14/05/2020 Spot Bond			9.20000	102.48198	9.20000	102.45693			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			9.39000	103.51493	9.39000	103.48913			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			8.65000	104.22816	8.65000	104.20418			0.00	0	0
Total ABS14 SPOT									0.00	0	0
Total For ABS14									0.00	0	0
ABS15 On 11/11/2022 Spot Bond			9.21000	104.81192	9.21000	104.78628			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			9.89000	105.50922	9.89000	105.48154			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			9.87500	107.59827	9.87500	107.57009			0.00	0	1,400,000,000
Total ABS17 SPOT									0.00	0	1,400,000,000
Total For ABS17									0.00	0	1,400,000,000
ABS18 On 26/09/2023 Spot Bond			9.38000	105.90750	9.38000	105.88112			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	100.68303	8.61000	100.65984			0.00	0	0
Total ABS6 SPOT									0.00	0	0
Total For ABS6									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ABS7 On 11/09/2026 Spot Bond			9.94000	97.05382	9.94000	97.02823				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	12.52325	100.00000	12.49569				0.00	0	0
Total ABS7/R186 SPOT										0.00	0	0
Total For ABS7/R186										0.00	0	0
ABSI2 On 07/12/2023 Spot Bond			3.67000	277.12887	3.67000	277.07522				0.00	0	0
Total ABSI2 SPOT										0.00	0	0
Total For ABSI2										0.00	0	0
ABSI4 On 31/01/2022 Spot Bond			2.90000	142.77664	2.90000	145.61944				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	0.07008	100.00000	0.06990				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	62.26255	100.00000	62.11172				0.00	0	0
Total ACL02U SPOT										0.00	0	0
Total For ACL02U										0.00	0	0
ACL047 On 22/10/2018 Spot Bond				100.00000	0.00000	90.93786				0.00	0	0
Total ACL047 SPOT										0.00	0	0
Total For ACL047										0.00	0	0
ACL089 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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	101.51326				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	101.55095				0.00	0	0
Total ACL096 SPOT										0.00	0	0
Total For ACL096										0.00	0	0
ACL097 On 20/12/2025 Spot Bond				100.00000	0.00000	101.56606				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	101.53570				0.00	0	0
Total ACL098 SPOT										0.00	0	0
Total For ACL098										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ACL100 On 20/12/2017 Spot Bond				100.00000	0.00000	101.46766			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			8.96000	103.50904	8.96000	103.69529			0.00	0	0
Total ACL104 SPOT									0.00	0	0
Total For ACL104									0.00	0	0
ACL127 On 20/09/2021 Spot Bond				100.00000	0.00000	211.78027			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	211.85468			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	101.49793			0.00	0	0
Total ACL129 SPOT									0.00	0	0
Total For ACL129									0.00	0	0
ACL142 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400			0.00	0	0
Total ACL142/JIBAR SPOT									0.00	0	0
Total For ACL142/JIBAR									0.00	0	0
ACL145 On 20/12/2021 Spot Bond				100.00000	0.00000	101.50251			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	104.12228	10.23000	104.09406			0.00	0	0
Total ACL161 SPOT									0.00	0	0
Total For ACL161									0.00	0	0
ACL167 On 20/06/2019 Spot Bond			9.23500	102.44096	9.23500	102.41569			0.00	0	0
Total ACL167 SPOT									0.00	0	0
Total For ACL167									0.00	0	0
ACL174 On 20/06/2019 Spot Bond				100.00000	0.00000	101.49811			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	101.42210			0.00	0	0
Total ACL175 SPOT									0.00	0	0
Total For ACL175									0.00	0	0
ACL183 On 20/06/2019 Spot Bond				100.00000	0.00000	102.58977			0.00	0	100,000,000
Total ACL183 SPOT									0.00	0	100,000,000
Total For ACL183									0.00	0	100,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
ACL184 On 20/09/2017 Spot Bond				100.00000	0.00000	101.51472				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	101.49034				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	101.50847				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	101.52821				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	101.53287				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	101.53287				0.00	0	0
Total ACL194 SPOT										0.00	0	0
Total For ACL194										0.00	0	0
ACL196 On 20/12/2017 Spot Bond				100.00000	0.00000	101.46766				0.00	0	0
Total ACL196 SPOT										0.00	0	0
Total For ACL196										0.00	0	0
ACL201 On 20/12/2022 Spot Bond				100.00000	0.00000	101.55871				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	101.55871				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	147.49646				0.00	0	0
Total ACL203 SPOT										0.00	0	0
Total For ACL203										0.00	0	0
ACL204 On 14/02/2023 Spot Bond				100.00000	0.00000	149.96650				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	101.38109				0.00	0	0
Total ACL208 SPOT										0.00	0	0
Total For ACL208										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ACL210 On 20/05/2018 Spot Bond				100.00000	0.00000	99.87534			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	101.40988			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	101.17225			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	94.12062			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	101.39315			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	101.39165			0.00	0	0
Total ACL216 SPOT									0.00	0	0
Total For ACL216									0.00	0	0
ACL217 On 20/12/2023 Spot Bond				100.00000	0.00000	101.48429			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	100.09466			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	100.52206			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	100.51455			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	101.47818			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	101.45539			0.00	0	0
Total ACL222 SPOT									0.00	0	0
Total For ACL222									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ADCB0 On 08/03/2018 Spot Bond				100.00000	0.00000	101.58158			0.00	0	0
Total ADCB01 SPOT									0.00	0	0
Total For ADCB01									0.00	0	0
ADCB0 On 08/03/2018 Spot Bond			100.00000	66.17995	100.00000	66.01963			0.00	0	0
ADCB0 On 08/03/2018 Spot Bond			100.00000	66.17995	100.00000	66.01963			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	102.17428			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	101.93636			0.00	0	0
Total ADCB05 SPOT									0.00	0	0
Total For ADCB05									0.00	0	0
ADCB2 On 31/07/2018 Spot Bond			100.00000	57.74969	100.00000	57.60979			0.00	0	0
Total ADCB2U SPOT									0.00	0	0
Total For ADCB2U									0.00	0	0
AECI00 On 21/12/2017 Spot Bond			100.00000	77.13592	100.00000	76.97946		200,000,000,000,000.00	22,000,000,000	22,000,000,000	
Total AECI00 SPOT								10,000,000,000,000.00	22,000,000,000	22,000,000,000	
Total For AECI00								10,000,000,000,000.00	22,000,000,000	22,000,000,000	
AHF2A: On 18/10/2018 Spot Bond				100.00000	0.00000	100.75265			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	100.77525			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	100.85052			0.00	0	0
Total AHF2C2 SPOT									0.00	0	0
Total For AHF2C2									0.00	0	0
AHF3A: On 18/04/2019 Spot Bond				100.00000	0.00000	100.73006			0.00	0	0
Total AHF3A3 SPOT									0.00	0	0
Total For AHF3A3									0.00	0	0
AHF3A: On 18/04/2019 Spot Bond				100.00000	0.00000	100.73760			0.00	0	0
Total AHF3A4 SPOT									0.00	0	0
Total For AHF3A4									0.00	0	0
AHF3B: On 18/04/2019 Spot Bond				100.00000	0.00000	100.92575			0.00	0	0
Total AHF3B2 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AHF3B2										0.00	0	0
AHF3B: On 18/04/2019 Spot Bond				100.00000	0.00000	100.88819				0.00	0	0
Total AHF3B3 SPOT										0.00	0	0
Total For AHF3B3										0.00	0	0
AHF3C: On 18/04/2019 Spot Bond				100.00000	0.00000	101.19528				0.00	0	0
Total AHF3C2 SPOT										0.00	0	0
Total For AHF3C2										0.00	0	0
AHF3C: On 18/04/2019 Spot Bond				100.00000	0.00000	101.08318				0.00	0	0
Total AHF3C3 SPOT										0.00	0	0
Total For AHF3C3										0.00	0	0
AHL01L On 15/04/2020 Spot Bond			100.00000	42.45438	100.00000	42.34490				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	16.05632	100.00000	16.01491				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	11.45757	100.00000	11.42802				0.00	0	0
Total AHY2U SPOT										0.00	0	0
Total For AHY2U										0.00	0	0
AIG2U On 08/07/2026 Spot Bond			100.00000	9.33472	100.00000	9.31064				0.00	0	0
Total AIG2U SPOT										0.00	0	0
Total For AIG2U										0.00	0	0
AIR01 On 15/03/2019 Spot Bond			8.45500	103.75984	8.45500	103.73651				0.00	0	3,660,935,400
Total AIR01 SPOT										0.00	0	3,660,935,400
Total For AIR01										0.00	0	3,660,935,400
AIR02 On 30/04/2023 Spot Bond			10.13000	110.00528	10.13000	109.97559				0.00	0	0
Total AIR02 SPOT										0.00	0	0
Total For AIR02										0.00	0	0
AIR04 On 29/05/2024 Spot Bond			9.27000	101.86100	9.27000	101.83592				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	14.85888	100.00000	14.82600				0.00	0	0
Total AIR04U SPOT										0.00	0	0
Total For AIR04U										0.00	0	0
AIR05 On 29/05/2030 Spot Bond			10.64000	97.69815	10.64000	97.67064				0.00	0	0
Total AIR05 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AIR05										0.00	0	0
AIRL01 On 30/04/2028 Spot Bond			3.48000	176.01354	3.48000	175.98034				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	101.41175				0.00	0	0
Total APF01 SPOT										0.00	0	0
Total For APF01										0.00	0	0
APF02 On 26/09/2019 Spot Bond				100.00000	0.00000	101.93486				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	100.33532				0.00	260,000,000	230,000,000
Total APF03 SPOT										0.00	260,000,000	230,000,000
Total For APF03										0.00	260,000,000	230,000,000
APF04 On 21/10/2021 Spot Bond				100.00000	0.00000	100.65429				0.00	0	0
Total APF04 SPOT										0.00	0	0
Total For APF04										0.00	0	0
AS116L On 18/01/2018 Spot Bond			100.00000	87.16690	100.00000	86.96513				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	84.49590	100.00000	84.30644				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	32.54951	100.00000	32.47066				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	32.49458	100.00000	32.41586				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	4.39929	100.00000	4.39306				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	0.11844	100.00000	0.11831				0.00	0	0
Total AS139U SPOT										0.00	0	0
Total For AS139U										0.00	0	0
AS167L On 20/06/2021 Spot Bond			100.00000	14.19888	100.00000	14.16448				0.00	0	0
Total AS167U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AS167U										0.00	0	0
AS168L On 20/06/2021 Spot Bond			100.00000	22.98955	100.00000	22.93386				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	32.87948	100.00000	32.79983				0.00	0	0
Total AS180U SPOT										0.00	0	0
Total For AS180U										0.00	0	0
ASN01 On 20/03/2019 Spot Bond				100.00000	0.00000	101.42215				0.00	0	0
Total ASN011 SPOT										0.00	0	0
Total For ASN011										0.00	0	0
ASN01 On 20/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN014 SPOT										0.00	0	0
Total For ASN014										0.00	0	0
ASN02 On 07/12/2033 Spot Bond			3.37000	240.01256	3.37000	239.96800				0.00	0	0
Total ASN022 SPOT										0.00	0	0
Total For ASN022										0.00	0	0
ASN02 On 20/06/2019 Spot Bond				100.00000	0.00000	100.39441				0.00	0	0
Total ASN028 SPOT										0.00	0	0
Total For ASN028										0.00	0	0
ASN03 On 19/09/2017 Spot Bond				100.00000	0.00000	99.89190				0.00	0	0
Total ASN032 SPOT										0.00	0	0
Total For ASN032										0.00	0	0
ASN03 On 20/06/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN034 SPOT										0.00	0	0
Total For ASN034										0.00	0	0
ASN03 On 10/11/2019 Spot Bond				100.00000	0.00000	100.12147				0.00	0	0
Total ASN036 SPOT										0.00	0	0
Total For ASN036										0.00	0	0
ASN03 On 07/12/2033 Spot Bond			3.38500	213.98806	3.38500	213.94826				0.00	0	0
Total ASN037 SPOT										0.00	0	0
Total For ASN037										0.00	0	0
ASN04 On 21/11/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN041 SPOT										0.00	0	0
Total For ASN041										0.00	0	0
ASN04 On 12/03/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN048 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.77106				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	100.57252				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	100.46446				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	100.38178				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	99.60191				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	101.84874				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	101.46715				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	100.19692				0.00	0	0
Total ASN069 SPOT										0.00	0	0
Total For ASN069										0.00	0	0
ASN07 On 02/07/2018 Spot Bond				100.00000	0.00000	96.85448				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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN077										0.00	0	0
ASN077 On 20/06/2020 Spot Bond				100.00000	0.00000	101.66627				0.00	0	0
Total ASN078 SPOT										0.00	0	0
Total For ASN078										0.00	0	0
ASN078 On 20/09/2020 Spot Bond				100.00000	0.00000	101.43709				0.00	0	0
Total ASN080 SPOT										0.00	0	0
Total For ASN080										0.00	0	0
ASN080 On 10/12/2017 Spot Bond				100.00000	0.00000	101.64693				0.00	0	0
Total ASN081 SPOT										0.00	0	0
Total For ASN081										0.00	0	0
ASN081 On 17/08/2017 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
ASN082 On 20/06/2020 Spot Bond				100.00000	0.00000	101.17188				0.00	824,000,000	434,800,000
Total ASN083 SPOT										0.00	824,000,000	434,800,000
Total For ASN083										0.00	824,000,000	434,800,000
ASN083 On 03/09/2020 Spot Bond				100.00000	0.00000	102.03309				0.00	0	0
Total ASN084 SPOT										0.00	0	0
Total For ASN084										0.00	0	0
ASN084 On 25/09/2018 Spot Bond				100.00000	0.00000	101.26273				0.00	0	0
Total ASN086 SPOT										0.00	0	0
Total For ASN086										0.00	0	0
ASN086 On 01/10/2020 Spot Bond				100.00000	0.00000	123.02238				0.00	0	0
Total ASN087 SPOT										0.00	0	0
Total For ASN087										0.00	0	0
ASN087 On 05/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN088 SPOT										0.00	0	0
Total For ASN088										0.00	0	0
ASN088 On 08/10/2018 Spot Bond				100.00000	0.00000	100.93702				0.00	0	0
Total ASN090 SPOT										0.00	0	0
Total For ASN090										0.00	0	0
ASN090 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
ASN091 On 21/10/2020 Spot Bond				100.00000	0.00000	100.63413				0.00	0	0
Total ASN092 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN092										0.00	0	0
ASN09 On 27/10/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN094 SPOT										0.00	0	0
Total For ASN094										0.00	0	0
ASN09 On 10/11/2020 Spot Bond				100.00000	0.00000	100.02712				0.00	0	0
Total ASN096 SPOT										0.00	0	0
Total For ASN096										0.00	0	0
ASN09 On 20/12/2020 Spot Bond				100.00000	0.00000	74.46412				0.00	0	0
Total ASN099 SPOT										0.00	0	0
Total For ASN099										0.00	0	0
ASN111 On 02/12/2020 Spot Bond				100.00000	0.00000	101.93820				0.00	0	0
Total ASN111 SPOT										0.00	0	0
Total For ASN111										0.00	0	0
ASN11 On 20/12/2017 Spot Bond				100.00000	0.00000	101.47526				0.00	0	0
Total ASN112 SPOT										0.00	0	0
Total For ASN112										0.00	0	0
ASN11 On 07/03/2021 Spot Bond				100.00000	0.00000	101.79090				0.00	0	0
Total ASN113 SPOT										0.00	0	0
Total For ASN113										0.00	0	0
ASN11 On 03/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN114 SPOT										0.00	0	0
Total For ASN114										0.00	0	0
ASN11 On 10/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN115 SPOT										0.00	0	0
Total For ASN115										0.00	0	0
ASN11 On 27/01/2018 Spot Bond				100.00000	0.00000	100.46242				0.00	0	0
Total ASN119 SPOT										0.00	0	0
Total For ASN119										0.00	0	0
ASN12 On 20/12/2020 Spot Bond				100.00000	0.00000	101.86192				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	101.44877				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	99.78806				0.00	0	0
Total ASN128 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN128										0.00	0	0
ASN12: On 24/02/2019 Spot Bond				100.00000	0.00000	99.79697				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	99.79170				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	101.83972				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	101.82520				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	101.84677				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	86.90000				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			3.63000	141.29943	3.63000	141.27228				0.00	0	0
Total ASN137 SPOT										0.00	0	0
Total For ASN137										0.00	0	0
ASN14: On 30/03/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN140 SPOT										0.00	0	0
Total For ASN140										0.00	0	0
ASN14: On 31/12/2018 Spot Bond				100.00000	0.00000	86.90000				0.00	0	0
Total ASN141 SPOT										0.00	0	0
Total For ASN141										0.00	0	0
ASN14: On 20/06/2020 Spot Bond				100.00000	0.00000	103.80673				0.00	0	0
Total ASN143 SPOT										0.00	0	0
Total For ASN143										0.00	0	0
ASN14: On 28/04/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN144 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.27537				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	100.27537				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			3.67500	141.03652	3.67500	141.00924				0.00	0	0
Total ASN149 SPOT										0.00	0	0
Total For ASN149										0.00	0	0
ASN15: On 31/05/2021 Spot Bond				100.00000	0.00000	109.29544				0.00	0	0
Total ASN150 SPOT										0.00	0	0
Total For ASN150										0.00	0	0
ASN15: On 02/06/2021 Spot Bond				100.00000	0.00000	101.97859				0.00	0	0
Total ASN152 SPOT										0.00	0	0
Total For ASN152										0.00	0	0
ASN15: On 31/03/2028 Spot Bond			4.11000	159.85779	4.11000	159.82493				0.00	0	0
Total ASN154 SPOT										0.00	0	0
Total For ASN154										0.00	0	0
ASN15: On 29/06/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN156 SPOT										0.00	0	0
Total For ASN156										0.00	0	0
ASN15: On 06/07/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN157 SPOT										0.00	0	0
Total For ASN157										0.00	0	0
ASN15: On 27/07/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN159 SPOT										0.00	0	0
Total For ASN159										0.00	0	0
ASN16: On 08/08/2021 Spot Bond				100.00000	0.00000	100.17729				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	99.85931				0.00	0	0
Total ASN161 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.55865				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	101.85757				0.00	0	0
Total ASN174 SPOT										0.00	0	0
Total For ASN174										0.00	0	0
ASN17: On 21/12/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN176 SPOT										0.00	0	0
Total For ASN176										0.00	0	0
ASN17: On 23/12/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN177 SPOT										0.00	0	0
Total For ASN177										0.00	0	0
ASN17: On 30/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN178 SPOT										0.00	0	0
Total For ASN178										0.00	0	0
ASN17: On 25/02/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN179 SPOT										0.00	0	0
Total For ASN179										0.00	0	0
ASN18: On 20/06/2022 Spot Bond				100.00000	0.00000	101.63771				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	100.82897				0.00	0	0
Total ASN184 SPOT										0.00	0	0
Total For ASN184										0.00	0	0
ASN18: On 25/04/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN185 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN185										0.00	0	0
ASN18: On 05/12/2017 Spot Bond				100.00000	0.00000	101.62718				0.00	0	0
Total ASN189 SPOT										0.00	0	0
Total For ASN189										0.00	0	0
ASN19: On 12/06/2020 Spot Bond				100.00000	0.00000	101.55531				0.00	0	0
Total ASN190 SPOT										0.00	0	0
Total For ASN190										0.00	0	0
ASN19: On 15/06/2018 Spot Bond				100.00000	0.00000	101.86536				0.00	0	0
Total ASN191 SPOT										0.00	0	0
Total For ASN191										0.00	0	0
ASN19: On 27/06/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN192 SPOT										0.00	0	0
Total For ASN192										0.00	0	0
ASN19: On 12/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN193 SPOT										0.00	0	0
Total For ASN193										0.00	0	0
ASN19: On 30/06/2022 Spot Bond				100.00000	0.00000	100.53490				0.00	0	0
Total ASN194 SPOT										0.00	0	0
Total For ASN194										0.00	0	0
ASN19: On 31/01/2038 Spot Bond			3.55000	107.40228	3.55000	107.38188				0.00	0	0
Total ASN195 SPOT										0.00	0	0
Total For ASN195										0.00	0	0
ASN19: On 20/06/2022 Spot Bond				100.00000	0.00000	100.45176				0.00	0	0
Total ASN196 SPOT										0.00	0	0
Total For ASN196										0.00	0	0
ASN19: On 09/04/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN197 SPOT										0.00	0	0
Total For ASN197										0.00	0	0
ASN19: On 04/05/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN198 SPOT										0.00	0	0
Total For ASN198										0.00	0	0
ASN19: On 01/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN199 SPOT										0.00	0	0
Total For ASN199										0.00	0	0
ASN20: On 25/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN200 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN200										0.00	0	0
ASN20 On 21/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN201 SPOT										0.00	0	0
Total For ASN201										0.00	0	0
ASN20 On 18/07/2022 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN202 SPOT										0.00	0	0
Total For ASN202										0.00	0	0
ASN20 On 20/06/2022 Spot Bond				100.00000	0.00000	100.14347				0.00	2,000,000,000	2,000,000,000
Total ASN203 SPOT										0.00	2,000,000,000	2,000,000,000
Total For ASN203										0.00	2,000,000,000	2,000,000,000
ASN38 On 20/12/2017 Spot Bond			100.00000	93.12820	100.00000	92.89768				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	93.15102	100.00000	92.92045				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	93.04830	100.00000	92.81798				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	63.61247	100.00000	63.45836				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	14.40561	100.00000	14.37072				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	42.66431	100.00000	42.56095				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	101.51363				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			8.60500	104.90535	8.60500	104.88121				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	101.71524				0.00	3,260,000,000	1,630,000,000
Total BAW17 SPOT										0.00	3,260,000,000	1,630,000,000

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 BAW17										0.00	3,260,000,000	1,630,000,000
BAW17 On 05/12/2018 Spot Bond			100.00000	46.05619	100.00000	45.94463				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	101.66774				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			9.39000	102.32794	9.39000	102.30229				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			9.36000	103.40583	9.36000	103.38013				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	103.62632	9.30000	103.60073				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	101.79089				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	87.76103	100.00000	87.55502				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	101.92111				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	100.16987				0.00	0	0
Total BAW25 SPOT										0.00	0	0
Total For BAW25										0.00	0	0
BAW26 On 11/05/2021 Spot Bond			100.00000	14.26863	100.00000	14.22408				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	12.49388	100.00000	12.45487				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	101.82718				0.00	0	0
Total BAW28 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BAW28										0.00	0	0
BAW3 On 02/10/2017 Spot Bond				100.00000	0.00000	101.41138				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			7.77000	103.93016	7.77000	103.90826				0.00	0	0
Total BAW8 SPOT										0.00	0	0
Total For BAW8										0.00	0	0
BAYA26 On 30/09/2017 Spot Bond			11.42000	101.13236	11.42000	101.10117				0.00	0	0
Total BAYA26 SPOT										0.00	0	0
Total For BAYA26										0.00	0	0
BAYA31 On 31/12/2018 Spot Bond				100.00000	0.00000	101.51232				0.00	0	0
Total BAYA31 SPOT										0.00	0	0
Total For BAYA31										0.00	0	0
BAYA33 On 31/03/2018 Spot Bond				100.00000	0.00000	101.47474				0.00	200,000,000	100,000,000
Total BAYA33 SPOT										0.00	200,000,000	100,000,000
Total For BAYA33										0.00	200,000,000	100,000,000
BAYA34 On 31/03/2018 Spot Bond				100.00000	0.00000	101.50572				0.00	0	0
Total BAYA34 SPOT										0.00	0	0
Total For BAYA34										0.00	0	0
BAYA35 On 31/03/2018 Spot Bond				100.00000	0.00000	100.98532				0.00	0	0
Total BAYA35 SPOT										0.00	0	0
Total For BAYA35										0.00	0	0
BAYA36 On 31/03/2018 Spot Bond				100.00000	0.00000	99.52006				0.00	0	0
Total BAYA36 SPOT										0.00	0	0
Total For BAYA36										0.00	0	0
BAYA39 On 30/09/2018 Spot Bond				100.00000	0.00000	100.61000				0.00	620,000,000	310,000,000
Total BAYA39 SPOT										0.00	620,000,000	310,000,000
Total For BAYA39										0.00	620,000,000	310,000,000
BAYA41 On 30/09/2018 Spot Bond				100.00000	0.00000	100.07105				0.00	0	0
Total BAYA41 SPOT										0.00	0	0
Total For BAYA41										0.00	0	0
BAYA42 On 30/09/2018 Spot Bond				100.00000	0.00000	101.50607				0.00	0	0
Total BAYA42 SPOT										0.00	0	0
Total For BAYA42										0.00	0	0
BAYA45 On 31/03/2019 Spot Bond				100.00000	0.00000	101.50617				0.00	0	0
Total BAYA45 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BAYA45										0.00	0	0
BAYA5 On 31/03/2019 Spot Bond				100.00000	0.00000	101.57999				0.00	0	0
Total BAYA51 SPOT										0.00	0	0
Total For BAYA51										0.00	0	0
BAYA5 On 31/03/2019 Spot Bond				100.00000	0.00000	101.61156				0.00	0	0
Total BAYA52 SPOT										0.00	0	0
Total For BAYA52										0.00	0	0
BAYA5 On 30/09/2017 Spot Bond				100.00000	0.00000	101.28865				0.00	0	0
Total BAYA53 SPOT										0.00	0	0
Total For BAYA53										0.00	0	0
BAYA5 On 30/09/2019 Spot Bond				100.00000	0.00000	101.61169				0.00	0	0
Total BAYA54 SPOT										0.00	0	0
Total For BAYA54										0.00	0	0
BAYA5 On 31/03/2018 Spot Bond				100.00000	0.00000	101.59334				0.00	0	0
Total BAYA55 SPOT										0.00	0	0
Total For BAYA55										0.00	0	0
BAYA5 On 31/03/2022 Spot Bond				100.00000	0.00000	101.66110				0.00	0	0
Total BAYA57 SPOT										0.00	0	0
Total For BAYA57										0.00	0	0
BAYA5 On 30/06/2020 Spot Bond				100.00000	0.00000	101.61162				0.00	0	0
Total BAYA58 SPOT										0.00	0	0
Total For BAYA58										0.00	0	0
BAYA5 On 30/06/2022 Spot Bond			13.05000	101.99256	13.05000	101.95753				0.00	0	0
Total BAYA59 SPOT										0.00	0	0
Total For BAYA59										0.00	0	0
BAYA6 On 30/06/2020 Spot Bond			12.31000	101.76100	12.31000	101.83819				0.00	0	0
Total BAYA60 SPOT										0.00	0	0
Total For BAYA60										0.00	0	0
BAYA6 On 30/06/2020 Spot Bond				100.00000	0.00000	101.61160				0.00	0	0
Total BAYA61 SPOT										0.00	0	0
Total For BAYA61										0.00	0	0
BAYB0 On 30/06/2019 Spot Bond				100.00000	0.00000	101.90861				0.00	0	0
Total BAYB05 SPOT										0.00	0	0
Total For BAYB05										0.00	0	0
BAYB0 On 31/12/2019 Spot Bond				100.00000	0.00000	101.90841				0.00	0	0
Total BAYB06 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BAYB06										0.00	0	0
BAYB0 On 31/03/2020 Spot Bond				100.00000	0.00000	101.90851				0.00	0	0
Total BAYB07 SPOT										0.00	0	0
Total For BAYB07										0.00	0	0
BAYB0 On 30/09/2020 Spot Bond				100.00000	0.00000	107.06026				0.00	0	0
Total BAYB08 SPOT										0.00	0	0
Total For BAYB08										0.00	0	0
BAYB1 On 30/06/2020 Spot Bond				100.00000	0.00000	101.97035				0.00	0	0
Total BAYB11 SPOT										0.00	0	0
Total For BAYB11										0.00	0	0
BAYD1 On 30/06/2035 Spot Bond			100.00000	20.94681	100.00000	20.89607				0.00	0	0
Total BAYD1U SPOT										0.00	0	0
Total For BAYD1U										0.00	0	0
BAYD2 On 30/06/2035 Spot Bond			100.00000	19.06395	100.00000	19.01777				0.00	0	0
Total BAYD2U SPOT										0.00	0	0
Total For BAYD2U										0.00	0	0
BAYD3 On 30/06/2035 Spot Bond			100.00000	11.76787	100.00000	11.73937				0.00	0	0
Total BAYD3U SPOT										0.00	0	0
Total For BAYD3U										0.00	0	0
BAYD4 On 30/06/2035 Spot Bond			100.00000	11.76787	100.00000	11.73937				0.00	0	0
Total BAYD4U SPOT										0.00	0	0
Total For BAYD4U										0.00	0	0
BAYD5 On 30/06/2035 Spot Bond			100.00000	14.22792	100.00000	14.19346				0.00	0	0
Total BAYD5U SPOT										0.00	0	0
Total For BAYD5U										0.00	0	0
BAYD6 On 30/06/2035 Spot Bond			100.00000	12.32825	100.00000	12.29839				0.00	0	0
Total BAYD6U SPOT										0.00	0	0
Total For BAYD6U										0.00	0	0
BC121 On 24/11/2017 Spot Bond			100.00000	81.75215	100.00000	81.57672				0.00	0	0
Total BC121U SPOT										0.00	0	0
Total For BC121U										0.00	0	0
BCJ10 On 12/07/2019 Spot Bond				100.00000	0.00000	100.88012				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	100.02101				0.00	0	0
Total BCJ11 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BCJ11										0.00	0	0
BCJ12 On 23/03/2018 Spot Bond			8.65000	100.83772	8.65000	103.39293				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	100.66545				0.00	0	0
Total BCJ13 SPOT										0.00	0	0
Total For BCJ13										0.00	0	0
BD0205 On 28/04/2028 Spot Bond			8.61000	93.13892	8.61000	182.19184				0.00	0	0
Total BD0205 SPOT										0.00	0	0
Total For BD0205										0.00	0	0
BD0206 On 02/03/2028 Spot Bond			8.61000	94.45600	8.61000	182.70103				0.00	0	0
Total BD0206 SPOT										0.00	0	0
Total For BD0206										0.00	0	0
BD0302 On 18/04/2028 Spot Bond			8.99500	96.71816	8.99500	96.69491				0.00	0	0
Total BD0302 SPOT										0.00	0	0
Total For BD0302										0.00	0	0
BEER02 On 28/03/2018 Spot Bond			7.85500	102.28628	7.85500	102.26487				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	8.43918	100.00000	10.52338				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	7.30304	100.00000	9.10665				0.00	0	0
Total BG1A8U SPOT										0.00	0	0
Total For BG1A8U										0.00	0	0
BG1B2U On 21/11/2032 Spot Bond			100.00000	7.30304	100.00000	9.10665				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	7.74762	100.00000	9.66101				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	7.89580	100.00000	9.84581				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	10.36566	100.00000	12.92566				0.00	0	0
Total BG1E2U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BG1E2U										0.00	0	0
BG1F2I On 21/11/2032 Spot Bond			100.00000	14.31744	100.00000	17.85341				0.00	0	0
Total BG1F2U SPOT										0.00	0	0
Total For BG1F2U										0.00	0	0
BGL01 On 19/11/2019 Spot Bond				100.00000	0.00000	100.90515				0.00	0	0
Total BGL01 SPOT										0.00	0	0
Total For BGL01										0.00	0	0
BGL02 On 19/11/2019 Spot Bond			9.66000	104.92235	9.66000	104.89545				0.00	0	100,000,000
Total BGL02 SPOT										0.00	0	100,000,000
Total For BGL02										0.00	0	100,000,000
BGL03 On 05/02/2020 Spot Bond				100.00000	0.00000	102.26872				0.00	200,000,000	200,000,000
Total BGL03 SPOT										0.00	200,000,000	200,000,000
Total For BGL03										0.00	200,000,000	200,000,000
BGL04 On 05/02/2020 Spot Bond			10.36000	99.63262	10.36000	99.60527				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			10.91000	106.23634	10.91000	106.20568				0.00	0	0
Total BGL05 SPOT										0.00	0	0
Total For BGL05										0.00	0	0
BGL06 On 04/09/2020 Spot Bond				100.00000	0.00000	103.30495				0.00	0	60,000,000
Total BGL06 SPOT										0.00	0	60,000,000
Total For BGL06										0.00	0	60,000,000
BGL07 On 03/09/2022 Spot Bond			11.52500	106.38106	11.52500	106.34868				0.00	0	0
Total BGL07 SPOT										0.00	0	0
Total For BGL07										0.00	0	0
BGL08 On 03/09/2022 Spot Bond				100.00000	0.00000	102.14885				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			10.91000	105.57615	10.91000	105.54568				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	100.23846				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			11.29000	103.60043	11.29000	106.79178				0.00	0	0
Total BGL11 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BGL11										0.00	0	0
BGL12 On 20/08/2021 Spot Bond				100.00000	0.00000	101.45191				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			11.33000	101.16678	11.33000	101.13599				0.00	0	0
Total BGL13 SPOT										0.00	0	0
Total For BGL13										0.00	0	0
BGL14 On 03/11/2021 Spot Bond				100.00000	0.00000	100.35701				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	101.76735				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	102.55860				0.00	0	0
Total BGL16 SPOT										0.00	0	0
Total For BGL16										0.00	0	0
BGL17 On 14/08/2024 Spot Bond			100.00000	11.31246	100.00000	11.26271			885,000,000,000,000.00	48,850,000,000	39,000,000,000	
Total BGL17 SPOT									15,000,000,000,000.00	48,850,000,000	39,000,000,000	
Total For BGL17									15,000,000,000,000.00	48,850,000,000	39,000,000,000	
BGR04 On 28/02/2018 Spot Bond				100.00000	0.00000	104.02740				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	99.85375				0.00	0	60,000,000
Total BID04 SPOT										0.00	0	60,000,000
Total For BID04										0.00	0	60,000,000
BID05 On 30/06/2019 Spot Bond				100.00000	0.00000	100.36024				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			8.50500	101.71359	8.50500	101.69044				0.00	0	2,200,000,000
Total BID06 SPOT										0.00	0	2,200,000,000
Total For BID06										0.00	0	2,200,000,000
BID07 On 30/06/2020 Spot Bond				100.00000	0.00000	101.17254				0.00	0	0
Total BID07 SPOT										0.00	0	0
Total For BID07										0.00	0	0
BID08 On 30/06/2022 Spot Bond				100.00000	0.00000	101.19744				0.00	0	0
Total BID08 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BID08										0.00	0	0
BPPF0 On 22/03/2018 Spot Bond				100.00000	0.00000	101.26632				0.00	0	0
Total BPPF01 SPOT										0.00	0	0
Total For BPPF01										0.00	0	0
BPPF0 On 22/03/2020 Spot Bond				100.00000	0.00000	101.36879				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	103.08001				0.00	0	0
Total BSR17 SPOT										0.00	0	0
Total For BSR17										0.00	0	0
BTC177 On 17/08/2017 Spot Bond				100.00000	0.00000	99.95797				0.00	0	0
Total BTC177 SPOT										0.00	0	0
Total For BTC177										0.00	0	0
BTC178 On 22/08/2017 Spot Bond				100.00000	0.00000	99.85326				0.00	0	0
Total BTC178 SPOT										0.00	0	0
Total For BTC178										0.00	0	0
BTC179 On 31/08/2017 Spot Bond				100.00000	0.00000	99.66431				0.00	0	0
Total BTC179 SPOT										0.00	0	0
Total For BTC179										0.00	0	0
BTC180 On 05/09/2017 Spot Bond				100.00000	0.00000	99.55955				0.00	0	0
Total BTC180 SPOT										0.00	0	0
Total For BTC180										0.00	0	0
BTC181 On 11/09/2017 Spot Bond				100.00000	0.00000	99.43488				0.00	0	0
Total BTC181 SPOT										0.00	0	0
Total For BTC181										0.00	0	0
BTC182 On 18/09/2017 Spot Bond				100.00000	0.00000	99.28753				0.00	0	0
Total BTC182 SPOT										0.00	0	0
Total For BTC182										0.00	0	0
BTC183 On 29/09/2017 Spot Bond				100.00000	0.00000	99.05342				0.00	0	0
Total BTC183 SPOT										0.00	0	0
Total For BTC183										0.00	0	0
BTC184 On 06/10/2017 Spot Bond				100.00000	0.00000	98.90695				0.00	0	0
Total BTC184 SPOT										0.00	0	0
Total For BTC184										0.00	0	0
BTC185 On 13/10/2017 Spot Bond				100.00000	0.00000	98.75939				0.00	0	0
Total BTC185 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BTC185										0.00	0	0
BTC185 On 08/11/2017 Spot Bond				100.00000	0.00000	98.27508				0.00	0	0
Total BTC186 SPOT										0.00	0	0
Total For BTC186										0.00	0	0
BWZ18 On 27/03/2018 Spot Bond				100.00000	0.00000	101.27631				0.00	0	100,000,000
Total BWZ18B SPOT										0.00	0	100,000,000
Total For BWZ18B										0.00	0	100,000,000
BWZ20 On 27/03/2020 Spot Bond				100.00000	0.00000	101.31605				0.00	0	0
Total BWZ20A SPOT										0.00	0	0
Total For BWZ20A										0.00	0	0
BWZJ1 On 19/11/2018 Spot Bond				100.00000	0.00000	99.86254				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	100.02779				0.00	0	0
Total BWZJ19 SPOT										0.00	0	0
Total For BWZJ19										0.00	0	0
BWZJ2 On 10/11/2021 Spot Bond				100.00000	0.00000	100.03117				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	12.55877	100.00000	12.52835				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	12.49320	100.00000	12.46293				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	12.59155	100.00000	12.56106				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	12.59155	100.00000	12.56106				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	62.91068	100.00000	62.75827				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	19.34858	100.00000	19.30170				0.00	0	0
Total BYB10U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BYB10U										0.00	0	0
CBL12 On 06/09/2018 Spot Bond			14.80500	101.69477	14.80500	101.65531				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	101.45505				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			12.60500	99.09033	12.60500	99.05742				0.00	0	0
Total CBL14 SPOT										0.00	0	0
Total For CBL14										0.00	0	0
CBL17 On 23/08/2019 Spot Bond				100.00000	0.00000	102.27104				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			12.10500	103.48620	12.10500	103.45261				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	101.50790				0.00	0	200,000,000
Total CBL20 SPOT										0.00	0	200,000,000
Total For CBL20										0.00	0	200,000,000
CBL22 On 06/05/2020 Spot Bond			9.61000	99.72638	9.61000	99.70095				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	99.92619				0.00	0	0
Total CBL23 SPOT										0.00	0	0
Total For CBL23										0.00	0	0
CBL24 On 02/11/2020 Spot Bond				100.00000	0.00000	100.34899				0.00	0	0
Total CBL24 SPOT										0.00	0	0
Total For CBL24										0.00	0	0
CBL25 On 06/05/2019 Spot Bond				100.00000	0.00000	100.18310				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			9.91000	106.70772	9.91000	106.67968				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	100.02350				0.00	0	0
Total CBL27 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CBL27										0.00	0	0
CCT01 On 23/06/2023 Spot Bond			10.41500	111.09107	10.41500	111.06026				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			10.04000	109.67682	10.04000	109.64747				0.00	0	3,850,000,000
Total CCT02 SPOT										0.00	0	3,850,000,000
Total For CCT02										0.00	0	3,850,000,000
CCT03 On 15/03/2025 Spot Bond			10.49000	108.09558	10.49000	108.06555				0.00	0	0
Total CCT03 SPOT										0.00	0	0
Total For CCT03										0.00	0	0
CCT04 On 17/07/2027 Spot Bond			9.92000	108.20730	9.92000	101.66709				0.00	0	0
Total CCT04 SPOT										0.00	0	0
Total For CCT04										0.00	0	0
CGR14 On 13/02/2018 Spot Bond				100.00000	0.00000	101.35691				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	110.53290	10.00000	110.50410				0.00	0	0
Total CGR14/JIBAR SPOT										0.00	0	0
Total For CGR14/JIBAR										0.00	0	0
CGR16 On 22/09/2017 Spot Bond				100.00000	0.00000	101.62503				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	100.66030				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	57.39308	100.00000	57.25405				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	66.55427	100.00000	66.39304				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	62.04300	100.00000	61.89271				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	101.15436				0.00	0	0
Total CGR21 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CGR21										0.00	0	0
CGR23 On 08/02/2019 Spot Bond				100.00000	0.00000	100.21083				0.00	0	0
Total CGR23 SPOT										0.00	0	0
Total For CGR23										0.00	0	0
CGR24 On 08/02/2021 Spot Bond				100.00000	0.00000	101.65281				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	101.56137				0.00	0	0
Total CGR25 SPOT										0.00	0	0
Total For CGR25										0.00	0	0
CGR27 On 25/11/2019 Spot Bond				100.00000	0.00000	99.71100				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	100.16792				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	100.21707				0.00	0	0
Total CGR29 SPOT										0.00	0	0
Total For CGR29										0.00	0	0
CGR31 On 27/06/2018 Spot Bond				100.00000	0.00000	101.25632				0.00	0	0
Total CGR31 SPOT										0.00	0	0
Total For CGR31										0.00	0	0
CGR32 On 21/07/2020 Spot Bond				100.00000	0.00000	100.82714				0.00	0	0
Total CGR32 SPOT										0.00	0	0
Total For CGR32										0.00	0	0
CIG04 On 30/06/2018 Spot Bond				100.00000	0.00000	101.36329				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	101.41312				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	102.22600				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	103.94168				0.00	0	0
Total CIG07 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CIG07										0.00	0	0
CIG09L On 07/06/2019 Spot Bond			100.00000	34.50596	100.00000	34.42237				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	100.42237				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	100.43310				0.00	0	0
Total CIG11 SPOT										0.00	0	0
Total For CIG11										0.00	0	0
CIG12 On 29/07/2021 Spot Bond				100.00000	0.00000	100.45041				0.00	0	0
Total CIG12 SPOT										0.00	0	0
Total For CIG12										0.00	0	0
CLA1U On 21/11/2019 Spot Bond			100.00000	24.73605	100.00000	24.67613				0.00	0	0
Total CLA1U SPOT										0.00	0	0
Total For CLA1U										0.00	0	0
CLA2U On 21/11/2019 Spot Bond			100.00000	24.73605	100.00000	24.67613				0.00	0	0
Total CLA2U SPOT										0.00	0	0
Total For CLA2U										0.00	0	0
CLA3U On 21/11/2019 Spot Bond			100.00000	24.73605	100.00000	24.67613				0.00	0	0
Total CLA3U SPOT										0.00	0	0
Total For CLA3U										0.00	0	0
CLB1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLB1U SPOT										0.00	0	0
Total For CLB1U										0.00	0	0
CLC1U On 21/11/2019 Spot Bond			100.00000	27.35555	100.00000	27.28928				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	101.24048	10.11000	101.21335				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	141.11547	3.14000	141.01979				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			3.60000	99.43244	3.60000	137.89877				0.00	0	0
Total CLN198 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN198										0.00	0	0
CLN23 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				0.00	0	0
Total CLN230/JIBAR SPOT										0.00	0	0
Total For CLN230/JIBAR										0.00	0	0
CLN23 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				0.00	0	0
Total CLN231/JIBAR SPOT										0.00	0	0
Total For CLN231/JIBAR										0.00	0	0
CLN24 On 24/02/2019 Spot Bond			13.50000	94.25706	13.50000	94.22305				0.00	0	0
Total CLN242 SPOT										0.00	0	0
Total For CLN242										0.00	0	0
CLN24 On 24/02/2018 Spot Bond			9.35000	99.79826	9.35000	99.77307				0.00	0	0
Total CLN243 SPOT										0.00	0	0
Total For CLN243										0.00	0	0
CLN26 On 26/03/2019 Spot Bond			9.03500	104.63476	9.03500	104.60965				0.00	0	0
Total CLN262 SPOT										0.00	0	0
Total For CLN262										0.00	0	0
CLN28 On 30/08/2017 Spot Bond				100.00000	0.00000	101.97692				0.00	0	0
Total CLN289 SPOT										0.00	0	0
Total For CLN289										0.00	0	0
CLN29 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				0.00	0	0
Total CLN292/JIBAR SPOT										0.00	0	0
Total For CLN292/JIBAR										0.00	0	0
CLN29 On 20/12/2017 Spot Bond				100.00000	0.00000	101.61502				0.00	0	0
Total CLN296 SPOT										0.00	0	0
Total For CLN296										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	154.95526				0.00	0	0
Total CLN301 SPOT										0.00	0	0
Total For CLN301										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	101.76644				0.00	0	0
Total CLN302 SPOT										0.00	0	0
Total For CLN302										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	156.41166				0.00	0	0
Total CLN303 SPOT										0.00	0	0
Total For CLN303										0.00	0	0
CLN30 On 20/12/2017 Spot Bond				100.00000	0.00000	154.57365				0.00	0	0
Total CLN304 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN304										0.00	0	0
CLN304 On 20/12/2017 Spot Bond				100.00000	0.00000	155.72905				0.00	0	0
Total CLN305 SPOT										0.00	0	0
Total For CLN305										0.00	0	0
CLN305 On 14/11/2022 Spot Bond				100.00000	0.00000	100.02499				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			10.81000	97.42079	10.81000	97.39292				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			11.33000	98.91522	11.33000	98.88559				0.00	0	0
Total CLN315 SPOT										0.00	0	0
Total For CLN315										0.00	0	0
CLN315 On 20/03/2023 Spot Bond				100.00000	0.00000	101.63779				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	100.02448				0.00	0	0
Total CLN318 SPOT										0.00	0	0
Total For CLN318										0.00	0	0
CLN318 On 30/04/2018 Spot Bond				100.00000	0.00000	100.41330				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	102.56106	8.80500	102.53704				0.00	0	0
Total CLN321 SPOT										0.00	0	0
Total For CLN321										0.00	0	0
CLN321 On 20/06/2018 Spot Bond				100.00000	0.00000	101.52395				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	101.54674				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	101.63467				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	101.70793				0.00	0	0
Total CLN328 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN328										0.00	0	0
CLN33: On 20/06/2018 Spot Bond				100.00000	0.00000	101.68040				0.00	0	0
Total CLN332 SPOT										0.00	0	0
Total For CLN332										0.00	0	0
CLN33: On 20/09/2018 Spot Bond				100.00000	0.00000	133.74741				0.00	0	0
Total CLN337 SPOT										0.00	0	0
Total For CLN337										0.00	0	0
CLN34: On 20/12/2018 Spot Bond				100.00000	0.00000	102.56401				0.00	0	0
Total CLN340 SPOT										0.00	0	0
Total For CLN340										0.00	0	0
CLN34: On 20/12/2023 Spot Bond				100.00000	0.00000	101.74083				0.00	0	0
Total CLN343 SPOT										0.00	0	0
Total For CLN343										0.00	0	0
CLN34: On 20/12/2018 Spot Bond				100.00000	0.00000	101.39165				0.00	0	0
Total CLN344 SPOT										0.00	0	0
Total For CLN344										0.00	0	0
CLN34: On 20/12/2023 Spot Bond				100.00000	0.00000	100.68605				0.00	0	0
Total CLN345 SPOT										0.00	0	0
Total For CLN345										0.00	0	0
CLN35: On 28/10/2018 Spot Bond				100.00000	0.00000	100.43785				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN35: On 30/04/2018 Spot Bond				100.00000	0.00000	100.38591				0.00	0	0
Total CLN358 SPOT										0.00	0	0
Total For CLN358										0.00	0	0
CLN36: On 20/03/2019 Spot Bond				100.00000	0.00000	101.35826				0.00	0	0
Total CLN360 SPOT										0.00	0	0
Total For CLN360										0.00	0	0
CLN36: On 20/03/2024 Spot Bond			9.99000	106.91014	9.99000	106.88183				0.00	0	0
Total CLN362 SPOT										0.00	0	0
Total For CLN362										0.00	0	0
CLN36: On 20/03/2024 Spot Bond				100.00000	0.00000	101.46075				0.00	0	0
Total CLN363 SPOT										0.00	0	0
Total For CLN363										0.00	0	0
CLN36: On 06/08/2023 Spot Bond				100.00000	0.00000	100.23638				0.00	0	0
Total CLN364 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN364										0.00	0	0
CLN364 On 20/03/2024 Spot Bond			12.13000	109.01032	12.13000	108.97544				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	100.24491				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			12.16000	102.66602	12.16000	102.63309				0.00	0	0
Total CLN367 SPOT										0.00	0	0
Total For CLN367										0.00	0	0
CLN367 On 06/08/2023 Spot Bond				100.00000	0.00000	98.52975				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	100.53348				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	83.94790				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	101.44172				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	101.46755				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	101.46771				0.00	0	0
Total CLN374 SPOT										0.00	0	0
Total For CLN374										0.00	0	0
CLN374 On 20/03/2021 Spot Bond			9.31000	105.69124	9.31000	105.66511				0.00	0	0
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0
CLN376 On 20/06/2019 Spot Bond				100.00000	0.00000	97.27828				0.00	0	0
Total CLN378 SPOT										0.00	0	0
Total For CLN378										0.00	0	0
CLN378 On 20/03/2024 Spot Bond			10.98000	102.26866	10.98000	102.23896				0.00	0	0
Total CLN379 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN379										0.00	0	0
CLN381 On 20/09/2024 Spot Bond			11.00000	104.43100	11.00000	104.40061				0.00	0	0
Total CLN380 SPOT										0.00	0	0
Total For CLN380										0.00	0	0
CLN382 On 20/03/2021 Spot Bond				100.00000	0.00000	101.61921				0.00	0	0
Total CLN382 SPOT										0.00	0	0
Total For CLN382										0.00	0	0
CLN384 On 20/09/2024 Spot Bond			11.92000	105.38637	11.92000	105.35322				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	101.75281				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	101.46742				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	100.56279				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	101.55121				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN393 On 20/12/2019 Spot Bond				100.00000	0.00000	104.90803				0.00	0	0
Total CLN393 SPOT										0.00	0	0
Total For CLN393										0.00	0	0
CLN394 On 20/09/2022 Spot Bond				100.00000	0.00000	101.47515				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	101.82741				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	101.58165				0.00	0	100,000,000
Total CLN396 SPOT										0.00	0	100,000,000
Total For CLN396										0.00	0	100,000,000
CLN397 On 20/06/2020 Spot Bond				100.00000	0.00000	102.43152				0.00	0	0
Total CLN397 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN397										0.00	0	0
CLN397 On 14/11/2022 Spot Bond				100.00000	0.00000	100.02366				0.00	0	0
Total CLN398 SPOT										0.00	0	0
Total For CLN398										0.00	0	0
CLN398 On 14/11/2022 Spot Bond				100.00000	0.00000	100.02353				0.00	0	0
Total CLN399 SPOT										0.00	0	0
Total For CLN399										0.00	0	0
CLN399 On 20/06/2020 Spot Bond				100.00000	0.00000	101.47504				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN400 On 21/02/2018 Spot Bond				100.00000	0.00000	99.82681				0.00	0	0
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	99.58016				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	101.48263				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	100.88772				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	101.61928				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	101.62687				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	100.89147				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	101.60410				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	101.89216				0.00	0	0
Total CLN414 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN414										0.00	0	0
CLN414 On 20/09/2020 Spot Bond				100.00000	0.00000	101.67996				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	100.94020				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	101.61651	4.00000	115.66632				0.00	0	0
Total CLN417 SPOT										0.00	0	0
Total For CLN417										0.00	0	0
CLN417 On 23/09/2020 Spot Bond				100.00000	0.00000	101.59786				0.00	0	0
Total CLN418 SPOT										0.00	0	0
Total For CLN418										0.00	0	0
CLN418 On 20/12/2020 Spot Bond				100.00000	0.00000	101.75582				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN419 On 18/04/2028 Spot Bond			7.01000	48.52949	7.01000	48.52049				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	101.77099				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN420 On 26/01/2021 Spot Bond				100.00000	0.00000	100.69311				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0
CLN421 On 20/12/2020 Spot Bond				100.00000	0.00000	110.54730				0.00	0	0
Total CLN422 SPOT										0.00	0	0
Total For CLN422										0.00	0	0
CLN422 On 20/12/2020 Spot Bond				100.00000	0.00000	106.51000				0.00	0	0
Total CLN423 SPOT										0.00	0	0
Total For CLN423										0.00	0	0
CLN423 On 20/12/2020 Spot Bond				100.00000	0.00000	107.56110				0.00	0	0
Total CLN424 SPOT										0.00	0	0
Total For CLN424										0.00	0	0
CLN424 On 20/12/2020 Spot Bond				100.00000	0.00000	104.54654				0.00	0	0
Total CLN425 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN425										0.00	0	0
CLN425 On 20/12/2020 Spot Bond				100.00000	0.00000	107.33250				0.00	0	0
Total CLN426 SPOT										0.00	0	0
Total For CLN426										0.00	0	0
CLN426 On 20/12/2018 Spot Bond				100.00000	0.00000	103.55499				0.00	0	0
Total CLN427 SPOT										0.00	0	0
Total For CLN427										0.00	0	0
CLN427 On 15/11/2020 Spot Bond				100.00000	0.00000	99.99963				0.00	0	0
Total CLN428 SPOT										0.00	0	0
Total For CLN428										0.00	0	0
CLN428 On 20/12/2020 Spot Bond				100.00000	0.00000	102.07389				0.00	0	0
Total CLN429 SPOT										0.00	0	0
Total For CLN429										0.00	0	0
CLN429 On 20/12/2020 Spot Bond				100.00000	0.00000	118.72054				0.00	0	0
Total CLN430 SPOT										0.00	0	0
Total For CLN430										0.00	0	0
CLN430 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
CLN431 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
CLN432 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
CLN433 On 20/12/2020 Spot Bond				100.00000	0.00000	119.54812				0.00	0	0
Total CLN434 SPOT										0.00	0	0
Total For CLN434										0.00	0	0
CLN434 On 20/12/2020 Spot Bond				100.00000	0.00000	101.61172				0.00	0	0
Total CLN436 SPOT										0.00	0	0
Total For CLN436										0.00	0	0
CLN436 On 20/12/2020 Spot Bond				100.00000	0.00000	101.54342				0.00	0	0
Total CLN437 SPOT										0.00	0	0
Total For CLN437										0.00	0	0
CLN437 On 03/02/2021 Spot Bond				100.00000	0.00000	100.31870				0.00	0	0
Total CLN439 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN439										0.00	0	0
CLN444 On 20/03/2021 Spot Bond				100.00000	0.00000	120.69164				0.00	0	0
Total CLN440 SPOT										0.00	0	0
Total For CLN440										0.00	0	0
CLN444 On 20/03/2021 Spot Bond				100.00000	0.00000	102.82820				0.00	0	0
Total CLN441 SPOT										0.00	0	0
Total For CLN441										0.00	0	0
CLN444 On 23/05/2021 Spot Bond				100.00000	0.00000	99.79464				0.00	0	0
Total CLN444 SPOT										0.00	0	0
Total For CLN444										0.00	0	0
CLN444 On 24/05/2021 Spot Bond			9.91000	106.98187	9.91000	106.95376				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN452 On 31/01/2022 Spot Bond			4.30000	137.44265	4.30000	137.41378				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			6.29000	98.88984	6.29000	98.86387				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			5.93000	101.28886	5.93000	101.26323				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	99.77136				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	101.80451				0.00	0	0
Total CLN456 SPOT										0.00	0	0
Total For CLN456										0.00	0	0
CLN456 On 17/11/2021 Spot Bond				100.00000	0.00000	99.95163				0.00	0	0
Total CLN457 SPOT										0.00	0	0
Total For CLN457										0.00	0	0
CLN457 On 29/11/2021 Spot Bond				100.00000	0.00000	102.08848				0.00	0	0
Total CLN458 SPOT										0.00	0	0
Total For CLN458										0.00	0	0
CLN460 On 29/11/2021 Spot Bond				100.00000	0.00000	102.06720				0.00	0	0
Total CLN460 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN460										0.00	0	0
CLN460 On 15/02/2022 Spot Bond				100.00000	0.00000	99.99957				0.00	0	0
Total CLN461 SPOT										0.00	0	0
Total For CLN461										0.00	0	0
CLN461 On 16/02/2022 Spot Bond			10.48000	102.00425	10.48000	101.97548				0.00	0	0
Total CLN462 SPOT										0.00	0	0
Total For CLN462										0.00	0	0
CLN462 On 23/02/2018 Spot Bond				100.00000	0.00000	99.81776				0.00	0	0
Total CLN463 SPOT										0.00	0	0
Total For CLN463										0.00	0	0
CLN463 On 13/03/2022 Spot Bond			9.74000	105.35172	9.74000	105.32450				0.00	0	0
Total CLN464 SPOT										0.00	0	0
Total For CLN464										0.00	0	0
CLN464 On 14/03/2020 Spot Bond				100.00000	0.00000	101.56513				0.00	0	0
Total CLN465 SPOT										0.00	0	0
Total For CLN465										0.00	0	0
CLN465 On 21/02/2024 Spot Bond				100.00000	0.00000	99.85169				0.00	0	0
Total CLN466 SPOT										0.00	0	0
Total For CLN466										0.00	0	0
CLN466 On 27/03/2020 Spot Bond				100.00000	0.00000	101.23638				0.00	0	0
Total CLN467 SPOT										0.00	0	0
Total For CLN467										0.00	0	0
CLN467 On 28/03/2020 Spot Bond				100.00000	0.00000	101.25161				0.00	0	0
Total CLN468 SPOT										0.00	0	0
Total For CLN468										0.00	0	0
CLN468 On 28/03/2022 Spot Bond				100.00000	0.00000	101.30376				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	100.18635				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	99.95590				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	99.84168				0.00	0	0
Total CLN472 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN472										0.00	0	0
CLN472 On 05/10/2022 Spot Bond				100.00000	0.00000	101.16183				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			9.94000	103.05454	9.94000	103.01489				0.00	0	0
Total CLN474 SPOT										0.00	0	0
Total For CLN474										0.00	0	0
CLN474 On 23/06/2021 Spot Bond				100.00000	0.00000	102.35081				0.00	0	0
Total CLN475 SPOT										0.00	0	0
Total For CLN475										0.00	0	0
CLN475 On 20/09/2020 Spot Bond				100.00000	0.00000	101.62687				0.00	0	0
Total CLN476 SPOT										0.00	0	0
Total For CLN476										0.00	0	0
CLN476 On 29/11/2021 Spot Bond			100.00000	13.51496	100.00000	13.48097				0.00	0	0
Total CLN477 SPOT										0.00	0	0
Total For CLN477										0.00	0	0
CLN477 On 05/10/2022 Spot Bond			9.79500	102.41613	9.79500	100.57177				0.00	0	0
Total CLN478 SPOT										0.00	0	0
Total For CLN478										0.00	0	0
CLN478 On 05/10/2022 Spot Bond				100.00000	0.00000	101.32512				0.00	0	0
Total CLN479 SPOT										0.00	0	0
Total For CLN479										0.00	0	0
CLN479 On 01/07/2022 Spot Bond			100.00000	20.04669	100.00000	19.98271				0.00	0	0
Total CLN480 SPOT										0.00	0	0
Total For CLN480										0.00	0	0
CLN480 On 07/06/2022 Spot Bond				100.00000	0.00000	101.65661				0.00	0	0
Total CLN481 SPOT										0.00	0	0
Total For CLN481										0.00	0	0
CLN481 On 20/05/2021 Spot Bond				100.00000	0.00000	99.85287				0.00	0	0
Total CLN482 SPOT										0.00	0	0
Total For CLN482										0.00	0	0
CLN482 On 20/05/2021 Spot Bond				100.00000	0.00000	99.85124				0.00	0	0
Total CLN483 SPOT										0.00	0	0
Total For CLN483										0.00	0	0
CLN483 On 02/12/2021 Spot Bond				100.00000	0.00000	101.07614				0.00	0	0
Total CLN484 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN484										0.00	0	0
CLN484 On 02/12/2021 Spot Bond			9.41000	102.18490	9.41000	102.15337				0.00	0	0
Total CLN485 SPOT										0.00	0	0
Total For CLN485										0.00	0	0
CLN485 On 20/06/2022 Spot Bond				100.00000	0.00000	100.76756				0.00	0	0
Total CLN486 SPOT										0.00	0	0
Total For CLN486										0.00	0	0
CLN486 On 07/12/2021 Spot Bond			12.42000	101.91876	12.42000	101.93581				0.00	0	0
Total CLN487 SPOT										0.00	0	0
Total For CLN487										0.00	0	0
CLN487 On 28/07/2022 Spot Bond			9.22000	105.13546	9.22000	100.16519				0.00	0	0
Total CLN488 SPOT										0.00	0	0
Total For CLN488										0.00	0	0
CLN488 On 28/03/2020 Spot Bond				100.00000	0.00000	100.45969				0.00	0	0
Total CLN489 SPOT										0.00	0	0
Total For CLN489										0.00	0	0
CLN489 On 28/03/2022 Spot Bond				100.00000	0.00000	100.48216				0.00	0	0
Total CLN490 SPOT										0.00	0	0
Total For CLN490										0.00	0	0
CLN490 On 07/12/2017 Spot Bond				100.00000	0.00000	99.25063				0.00	0	0
Total CLN491 SPOT										0.00	0	0
Total For CLN491										0.00	0	0
CLN491 On 30/09/2019 Spot Bond				100.00000	0.00000	100.15901				0.00	0	0
Total CLN492 SPOT										0.00	0	0
Total For CLN492										0.00	0	0
CLN492 On 18/04/2028 Spot Bond				100.00000	0.00000	211.97995				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			8.99500	96.71816	8.99500	96.69491				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			8.61000	41.32779	8.61000	182.19184				0.00	0	0
Total CLN88 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For CLN88									0.00	0	0
CLN89 On 02/03/2028 Spot Bond			8.61000	41.86429	8.61000	182.70103			0.00	0	0
Total CLN89 SPOT									0.00	0	0
Total For CLN89									0.00	0	0
CLNF1 On 20/03/2018 Spot Bond				100.00000	0.00000	101.37805			0.00	0	0
Total CLNF11 SPOT									0.00	0	0
Total For CLNF11									0.00	0	0
CLNF1 On 20/06/2019 Spot Bond				100.00000	0.00000	101.43730			0.00	0	0
Total CLNF12 SPOT									0.00	0	0
Total For CLNF12									0.00	0	0
CLNF1 On 20/06/2019 Spot Bond				100.00000	0.00000	101.85362			0.00	0	0
Total CLNF13 SPOT									0.00	0	0
Total For CLNF13									0.00	0	0
CLNF1 On 20/09/2019 Spot Bond				100.00000	0.00000	101.43725			0.00	0	0
Total CLNF14 SPOT									0.00	0	0
Total For CLNF14									0.00	0	0
CLNF1 On 20/06/2020 Spot Bond				100.00000	0.00000	101.49023			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	102.55434			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	100.84737			0.00	0	0
Total COH002 SPOT									0.00	0	0
Total For COH002									0.00	0	0
COJ04 On 05/06/2018 Spot Bond			8.11000	102.42807	8.11000	102.40582		4,866,000,000,000.00	600,000,000	1,540,000,000	
Total COJ04 SPOT								4,866,000,000,000.00	600,000,000	1,540,000,000	
Total For COJ04								4,866,000,000,000.00	600,000,000	1,540,000,000	
COJ05 On 05/06/2023 Spot Bond			9.13000	115.98710	9.13000	115.95881		0.00	0	700,000,000	
Total COJ05 SPOT								0.00	0	700,000,000	
Total For COJ05								0.00	0	700,000,000	
COJ07 On 23/03/2021 Spot Bond			9.52000	108.02491	9.52000	107.99761		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			10.59000	106.58122	10.59000	106.55117		0.00	0	0	
Total COJ08 SPOT								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For COJ08										0.00	0	0
COJG0 On 09/06/2024 Spot Bond			9.88000	103.32533	9.88000	103.29811				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			10.05500	99.34938	10.05500	99.32275				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			11.32000	96.90988	11.32000	96.88073				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			11.34000	90.28680	11.34000	90.25959				0.00	0	0
Total COT03 SPOT										0.00	0	0
Total For COT03										0.00	0	0
CPV01 On 30/06/2029 Spot Bond			11.69500	96.97414	11.69500	98.12861				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	101.20780				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	101.42986				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	98.85899				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	20.10148	100.00000	20.03873				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	18.88516	100.00000	18.82620				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	64.78439	100.00000	64.62744				0.00	0	0
Total DEN38U SPOT										0.00	0	0
Total For DEN38U										0.00	0	0
DEN40I On 10/06/2018 Spot Bond			100.00000	65.19086	100.00000	65.03293				0.00	0	0
Total DEN40U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For DEN40U										0.00	0	0
DENG4 On 29/09/2017 Spot Bond			7.74500	102.47326	7.74500	102.45173				0.00	0	0
Total DENG44 SPOT										0.00	0	0
Total For DENG44										0.00	0	0
DENG4 On 29/09/2017 Spot Bond			6.86000	102.58169	6.86000	102.56258				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	101.82832				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	101.27800				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	101.82832				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	101.82832				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	99.68437				0.00	0	0
Total DENG69 SPOT										0.00	0	0
Total For DENG69										0.00	0	0
DENG7 On 29/08/2017 Spot Bond				100.00000	0.00000	99.69228				0.00	0	0
Total DENG70 SPOT										0.00	0	0
Total For DENG70										0.00	0	0
DLTB03 On 09/10/2017 Spot Bond				100.00000	0.00000	100.98263				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	89.16541	100.00000	88.95311				0.00	0	0
DLTB03 On 09/10/2017 Spot Bond			100.00000	89.16541	100.00000	88.95311				0.00	0	0
Total DLTB03/JIBAR SPOT										0.00	0	0
Total For DLTB03/JIBAR										0.00	0	0
DOL00 On 20/09/2018 Spot Bond				100.00000	0.00000	101.85472				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	100.83938				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total DOL004 SPOT									0.00	0	0
Total For DOL004									0.00	0	0
DOL004 On 20/12/2019 Spot Bond				100.00000	0.00000	71.67534			0.00	0	0
Total DOL009 SPOT									0.00	0	0
Total For DOL009									0.00	0	0
DOL009 On 20/12/2021 Spot Bond				100.00000	0.00000	101.40625			0.00	0	0
Total DOL012 SPOT									0.00	0	0
Total For DOL012									0.00	0	0
DV2021 On 18/06/2021 Spot Bond			9.08000	101.27475	9.08000	101.25018			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			8.57000	102.15264	8.57000	102.12935			0.00	0	50,000,000
Total DV22 SPOT									0.00	0	50,000,000
Total For DV22									0.00	0	50,000,000
DV22/R On 07/02/2020 Spot Bond			100.00000	21.80241	100.00000	21.75442			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			9.47000	106.93109	9.47000	106.90377		5,841,096,000.00		616,800	201,525,200
Total DV23 SPOT								5,841,096,000.00		616,800	201,525,200
Total For DV23								5,841,096,000.00		616,800	201,525,200
DV23/R On 27/02/2023 Spot Bond			100.00000	15.65006	100.00000	15.61504		0.00		0	0
DV23/R On 27/02/2023 Spot Bond			100.00000	15.65006	100.00000	15.61504		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			9.59000	100.42354	9.59000	100.39757		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	99.94773	9.69000	99.92162		0.00		0	0
DV24/R On 18/02/2024 Spot Bond			9.69000	99.94773	9.69000	99.92162		0.00		0	0
Total DV24/R2023 SPOT								0.00		0	0
Total For DV24/R2023								0.00		0	0
DV29 On 18/02/2029 Spot Bond			11.04000	93.90408	11.04000	93.87621		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	99.94558	10.10000	99.91838		0.00		0	0
DV29/R On 18/02/2029 Spot Bond			10.10000	99.94558	10.10000	99.91838		0.00		0	0

Contract 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	99.80956				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	99.91611				0.00	0	0
Total DVC028 SPOT										0.00	0	0
Total For DVC028										0.00	0	0
DVC25 On 29/08/2017 Spot Bond				100.00000	0.00000	101.80396				0.00	0	0
Total DVC25 SPOT										0.00	0	0
Total For DVC25										0.00	0	0
DVC26 On 29/11/2017 Spot Bond				100.00000	0.00000	101.80116				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	101.14508				0.00	500,000,000	500,000,000
Total DVF18 SPOT										0.00	500,000,000	500,000,000
Total For DVF18										0.00	500,000,000	500,000,000
DVF19 On 31/05/2019 Spot Bond				100.00000	0.00000	102.47382				0.00	0	0
Total DVF19 SPOT										0.00	0	0
Total For DVF19										0.00	0	0
DVF20 On 29/11/2019 Spot Bond				100.00000	0.00000	101.89699				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	101.18013				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	101.96504				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	101.33289				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			8.25000	114.08009	8.25000	114.05504				0.00	0	100,000,000
Total E170 SPOT										0.00	0	100,000,000
Total For E170										0.00	0	100,000,000
E170/R On 01/08/2020 Spot Bond			100.00000	21.80286	100.00000	21.75487				0.00	0	0

Contract 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			8.97000	105.58559	8.97000	105.56041				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			9.12000	106.40803	9.12000	106.38225				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			9.53000	106.19389	9.53000	106.16703				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			3.63000	104.42110	3.63000	104.40105				0.00	0	0
Total ECN32 SPOT										0.00	0	0
Total For ECN32										0.00	0	0
EFS00E On 23/10/2023 Spot Bond				100.00000	0.00000	100.62515				0.00	0	0
Total EFS00B SPOT										0.00	0	0
Total For EFS00B										0.00	0	0
EFS0A1 On 28/10/2023 Spot Bond				100.00000	0.00000	100.50519				0.00	0	0
Total EFS0A2 SPOT										0.00	0	0
Total For EFS0A2										0.00	0	0
EFS0C1 On 28/10/2023 Spot Bond			100.00000	17.40822	100.00000	17.36604				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			3.17500	99.93448	3.17500	99.91650				0.00	0	12,900,000,000
Total EL037 SPOT										0.00	0	12,900,000,000
Total For EL037										0.00	0	12,900,000,000
EL037/I On 31/01/2037 Spot Bond			2.25000	115.31376	2.25000	115.29588				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			3.19000	127.55167	3.19000	127.52866				0.00	0	0
Total EL28 SPOT										0.00	0	0
Total For EL28										0.00	0	0
EL29 On 19/11/2029 Spot Bond			3.20000	114.07106	3.20000	114.05046				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			3.22000	112.42163	3.22000	112.40126				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total EL30 SPOT										0.00	0	0
Total For EL30										0.00	0	0
EL31 On 02/06/2031 Spot Bond			3.27000	104.25691	3.27000	104.23783				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			3.16000	100.73787	3.16000	100.71979				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	115.31376	2.25000	115.29588				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			9.11000	104.21106	9.11000	104.18583				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			9.19000	109.15713	9.19000	109.13049				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			10.39000	101.19369	10.39000	101.16585				0.00	0	0
Total EMM03 SPOT										0.00	0	0
Total For EMM03										0.00	0	0
EMM04 On 16/05/2028 Spot Bond			10.82500	91.79850	10.82500	95.97692				0.00	0	0
Total EMM04 SPOT										0.00	0	0
Total For EMM04										0.00	0	0
EMM05 On 17/04/2029 Spot Bond			11.09000	100.78274	11.09000	101.76203				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			10.49000	100.22234	10.49000	100.71835				0.00	0	0
Total EMM06 SPOT										0.00	0	0
Total For EMM06										0.00	0	0
EMM07 On 10/07/2027 Spot Bond			10.34000	102.13566	10.34000	101.61472				0.00	0	0
Total EMM07 SPOT										0.00	0	0
Total For EMM07										0.00	0	0
EMM07 On 17/07/2032 Spot Bond			11.11500	108.84970	11.11500	90.31937				0.00	0	0
Total EMM07P SPOT										0.00	0	0
Total For EMM07P										0.00	0	0
EPF002 On 28/05/2018 Spot Bond				100.00000	0.00000	101.92791				0.00	0	0

Contract 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	100.40715				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	99.86797				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	101.84740				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	101.72449				0.00	0	0
Total EPF008 SPOT										0.00	0	0
Total For EPF008										0.00	0	0
EPF008 On 30/03/2018 Spot Bond				100.00000	0.00000	101.13938				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	100.19655				0.00	0	0
Total EPF010 SPOT										0.00	0	0
Total For EPF010										0.00	0	0
EPF010 On 12/06/2020 Spot Bond				100.00000	0.00000	101.65836				0.00	0	0
Total EPF011 SPOT										0.00	0	0
Total For EPF011										0.00	0	0
EPF011 On 01/09/2018 Spot Bond			100.00000	45.78733	100.00000	45.67642				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	25.19560	100.00000	25.13456				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	101.66308				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	100.18408				0.00	0	0
Total EPFC29 SPOT										0.00	0	0
Total For EPFC29										0.00	0	0
EPFC29 On 02/03/2018 Spot Bond				100.00000	0.00000	101.74664				0.00	0	0

Contract 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	0	0
Total For EPFC30										0.00	0	0
EPFC3 On 06/09/2017 Spot Bond				100.00000	0.00000	103.69493				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	100.25446				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	30.49197	100.00000	30.41811				0.00	0	0
Total EQS05 SPOT										0.00	0	0
Total For EQS05										0.00	0	0
EQS06 On 09/04/2020 Spot Bond				100.00000	0.00000	97.05187				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			12.10500	100.93544	12.10500	100.90304				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	99.95884				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	43.26004	100.00000	43.15525				0.00	0	0
EQS08 On 04/10/2018 Spot Bond			100.00000	43.35332	100.00000	43.24829				0.00	0	0
Total EQS08A/JIBAR SPOT										0.00	0	0
Total For EQS08A/JIBAR										0.00	0	0
EQS10 On 28/07/2022 Spot Bond				100.00000	0.00000	100.50551				0.00	0	0
Total EQS10 SPOT										0.00	0	0
Total For EQS10										0.00	0	0
ERS3B On 17/08/2019 Spot Bond				100.00000	0.00000	99.95380				0.00	0	0
Total ERS3B4 SPOT										0.00	0	0
Total For ERS3B4										0.00	0	0
ERS3B On 17/05/2019 Spot Bond				100.00000	0.00000	99.94957				0.00	0	0
Total ERS3B5 SPOT										0.00	0	0
Total For ERS3B5										0.00	0	0
ERS3C On 17/08/2019 Spot Bond				100.00000	0.00000	99.95105				0.00	0	0
Total ERS3C4 SPOT										0.00	0	0
Total For ERS3C4										0.00	0	0

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 17/05/2019 Spot Bond				100.00000	0.00000	99.94409			0.00	0	0
Total ERS3C5 SPOT									0.00	0	0
Total For ERS3C5									0.00	0	0
ERSA1: On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400			0.00	0	0
Total ERS12/JIBAR SPOT									0.00	0	0
Total For ERS12/JIBAR									0.00	0	0
ERSA1: On 17/08/2017 Spot Bond				100.00000	0.00000	99.95590			0.00	0	0
Total ERS15 SPOT									0.00	0	0
Total For ERS15									0.00	0	0
ERSA1 On 17/08/2018 Spot Bond				100.00000	0.00000	99.85149			0.00	0	0
Total ERS17 SPOT									0.00	0	0
Total For ERS17									0.00	0	0
ERSA1: On 17/08/2017 Spot Bond				100.00000	0.00000	99.95778			0.00	0	0
Total ERS18 SPOT									0.00	0	0
Total For ERS18									0.00	0	0
ERSA2: On 17/08/2018 Spot Bond				100.00000	0.00000	100.14695			0.00	0	0
Total ERS20 SPOT									0.00	0	0
Total For ERS20									0.00	0	0
ERSA2 On 17/08/2020 Spot Bond				100.00000	0.00000	99.53527			0.00	720,000,000	0
Total ERS21 SPOT									0.00	720,000,000	0
Total For ERS21									0.00	720,000,000	0
ERSA2: On 17/05/2019 Spot Bond				100.00000	0.00000	100.35837			0.00	0	0
Total ERS22 SPOT									0.00	0	0
Total For ERS22									0.00	0	0
ERSA2 On 17/08/2019 Spot Bond				100.00000	0.00000	99.95435			0.00	0	0
Total ERS23 SPOT									0.00	0	0
Total For ERS23									0.00	0	0
ES18 On 20/04/2018 Spot Bond			7.97500	103.78659	7.97500	103.76442			0.00	0	37,400,000,000
Total ES18 SPOT									0.00	0	37,400,000,000
Total For ES18									0.00	0	37,400,000,000
ES18/R On 20/04/2018 Spot Bond			9.25000	102.95824	9.25000	102.93281			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			8.95000	105.03198	8.95000	105.00699		57,120,690,000.00		6,382,200	1,829,076,000
Total ES23 SPOT								57,120,690,000.00		6,382,200	1,829,076,000
Total For ES23								57,120,690,000.00		6,382,200	1,829,076,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
ES23/R On 25/01/2023 Spot Bond			10.00000	100.58507	10.00000	100.55840			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			9.75000	91.98256	9.75000	91.95863		29,266,235,700,000.00	3,001,665,200	12,450,700,000	
Total ES26 SPOT								29,266,235,700,000.00	3,001,665,200	12,450,700,000	
Total For ES26								29,266,235,700,000.00	3,001,665,200	12,450,700,000	
ES26/R On 02/04/2026 Spot Bond			7.85000	102.90247	7.85000	102.88082		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			10.82500	78.04654	10.78500	78.26828		19,673,355,000.00	1,817,400	71,555,300,000	
Total ES33 SPOT								19,673,355,000.00	1,817,400	71,555,300,000	
Total For ES33								19,673,355,000.00	1,817,400	71,555,300,000	
ES33/R On 15/09/2033 Spot Bond			7.50000	103.12913	7.50000	103.10850		0.00	0	0	
Total ES33/R209 SPOT								0.00	0	0	
Total For ES33/R209								0.00	0	0	
ES42 On 25/04/2042 Spot Bond			11.05000	81.14153	11.05000	81.11769		10,119,590,000.00	915,800	21,930,164,500	
Total ES42 SPOT								10,119,590,000.00	915,800	21,930,164,500	
Total For ES42								10,119,590,000.00	915,800	21,930,164,500	
ES42/R On 25/04/2042 Spot Bond			8.50000	102.60340	8.50000	102.58006		0.00	0	0	
Total ES42/R214 SPOT								0.00	0	0	
Total For ES42/R214								0.00	0	0	
EXX02 On 19/05/2019 Spot Bond				100.00000	0.00000	98.33976		0.00	0	0	
Total EXX02 SPOT								0.00	0	0	
Total For EXX02								0.00	0	0	
FBJ20Z On 20/03/2020 Spot Bond				100.00000	0.00000	101.44489		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	101.49029		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	40.16517	100.00000	40.06786		0.00	0	0	
Total FIF01U SPOT								0.00	0	0	
Total For FIF01U								0.00	0	0	
FIF02U On 01/11/2019 Spot Bond			100.00000	21.98008	100.00000	21.92683		0.00	0	0	
Total FIF02U SPOT								0.00	0	0	
Total For FIF02U								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FIF03U On 01/11/2020 Spot Bond			100.00000	14.63725	100.00000	14.60179				0.00	0	0
Total FIF03U SPOT										0.00	0	0
Total For FIF03U										0.00	0	0
FIF04U On 01/11/2021 Spot Bond			100.00000	11.72007	100.00000	11.69167				0.00	0	0
Total FIF04U SPOT										0.00	0	0
Total For FIF04U										0.00	0	0
FIF05U On 27/02/2021 Spot Bond			100.00000	15.04443	100.00000	15.00798				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	11.94033	100.00000	11.91140				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	99.86397				0.00	0	0
Total FIFB04 SPOT										0.00	0	0
Total For FIFB04										0.00	0	0
FIFB06 On 25/08/2017 Spot Bond				100.00000	0.00000	99.78339				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	101.93854				0.00	0	0
Total FIFB07 SPOT										0.00	0	0
Total For FIFB07										0.00	0	0
FIFB08 On 31/05/2019 Spot Bond				100.00000	0.00000	101.93215				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	101.27491				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	101.92179				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	100.19585				0.00	0	0
Total FIFB11 SPOT										0.00	0	0
Total For FIFB11										0.00	0	0
FIFB12 On 13/08/2020 Spot Bond				100.00000	0.00000	100.02280				0.00	0	0
Total FIFB12 SPOT										0.00	0	0
Total For FIFB12										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FMLA1U On 17/02/2039 Spot Bond			100.00000	5.01085	100.00000	5.00093			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	11.06361	100.00000	11.03681			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	24.61655	100.00000	24.55691			0.00	0	0
Total FPB1U SPOT									0.00	0	0
Total For FPB1U									0.00	0	0
FRB05 On 21/12/2018 Spot Bond			8.90500	100.77734	8.90500	100.75335			0.00	0	360,000,000
Total FRB05 SPOT									0.00	0	360,000,000
Total For FRB05									0.00	0	360,000,000
FRB11 On 11/12/2017 Spot Bond				100.00000	0.00000	102.32733			0.00	0	90,000,000
Total FRB11 SPOT									0.00	0	90,000,000
Total For FRB11									0.00	0	90,000,000
FRB12 On 02/06/2019 Spot Bond				100.00000	0.00000	102.38041			0.00	200,000,000	100,000,000
Total FRB12 SPOT									0.00	200,000,000	100,000,000
Total For FRB12									0.00	200,000,000	100,000,000
FRB13 On 02/06/2021 Spot Bond				100.00000	0.00000	98.85169			0.00	0	0
Total FRB13 SPOT									0.00	0	0
Total For FRB13									0.00	0	0
FRB14 On 02/06/2021 Spot Bond			10.51000	100.45532	10.51000	100.42722			0.00	0	0
Total FRB14 SPOT									0.00	0	0
Total For FRB14									0.00	0	0
FRB15 On 06/03/2020 Spot Bond				100.00000	0.00000	103.78663			0.00	0	180,000,000
Total FRB15 SPOT									0.00	0	180,000,000
Total For FRB15									0.00	0	180,000,000
FRB16 On 08/07/2020 Spot Bond				100.00000	0.00000	101.99353			0.00	0	0
Total FRB16 SPOT									0.00	0	0
Total For FRB16									0.00	0	0
FRB17 On 08/01/2022 Spot Bond				100.00000	0.00000	101.31022			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	12.00684	100.00000	11.97774			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 13/04/2021 Spot Bond				100.00000	0.00000	103.04447				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			11.21000	107.47901	11.21000	107.44698				0.00	0	0
Total FRB19 SPOT										0.00	0	0
Total For FRB19										0.00	0	0
FRB20 On 15/04/2021 Spot Bond				100.00000	0.00000	102.46661				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	102.55721				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	102.11755				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			9.91500	104.37529	9.91500	104.34770				0.00	0	0
Total FRBC21 SPOT										0.00	0	0
Total For FRBC21										0.00	0	0
FRBC2 On 21/12/2018 Spot Bond				100.00000	0.00000	103.68413				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			3.20000	143.84050	3.20000	143.81451				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			3.47000	166.65432	3.47000	280.04265				0.00	0	0
Total FRBI23 SPOT										0.00	0	0
Total For FRBI23										0.00	0	0
FRBI25 On 31/01/2025 Spot Bond			3.59000	111.55116	3.59000	118.55538				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			4.08000	128.53134	4.08000	160.25489				0.00	0	0
Total FRBI28 SPOT										0.00	0	0
Total For FRBI28										0.00	0	0
FRBI29 On 31/03/2029 Spot Bond			3.85000	81.64040	3.85000	82.45161				0.00	0	0
Total FRBI29 SPOT										0.00	0	0
Total For FRBI29										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
FRBI33 On 07/12/2033 Spot Bond			4.31000	131.92679	4.31000	191.14969			0.00	0	0
Total FRBI33 SPOT									0.00	0	0
Total For FRBI33									0.00	0	0
FRBI46 On 31/03/2046 Spot Bond			4.19000	90.78164	4.19000	90.76279			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			4.35000	89.48259	4.35000	89.60013			0.00	0	0
Total FRBI50 SPOT									0.00	0	0
Total For FRBI50									0.00	0	0
FRBZ01 On 30/11/2020 Spot Bond			8.93000	75.46915	8.93000	76.36296			0.00	0	0
Total FRBZ01 SPOT									0.00	0	0
Total For FRBZ01									0.00	0	0
FRBZ02 On 28/10/2024 Spot Bond			10.05000	50.18243	10.05000	50.93464			0.00	0	0
Total FRBZ02 SPOT									0.00	0	0
Total For FRBZ02									0.00	0	0
FRBZ03 On 10/12/2024 Spot Bond			10.08000	49.52059	10.08000	50.25176			0.00	0	0
Total FRBZ03 SPOT									0.00	0	0
Total For FRBZ03									0.00	0	0
FRC05U On 13/10/2017 Spot Bond			100.00000	88.24436	100.00000	88.03624			0.00	0	0
Total FRC05U SPOT									0.00	0	0
Total For FRC05U									0.00	0	0
FRC06U On 31/12/2017 Spot Bond			100.00000	91.24261	100.00000	91.02222			0.00	0	0
Total FRC06U SPOT									0.00	0	0
Total For FRC06U									0.00	0	0
FRC107 On 03/06/2021 Spot Bond				100.00000	0.00000	102.27302			0.00	0	0
Total FRC107 SPOT									0.00	0	0
Total For FRC107									0.00	0	0
FRC134 On 20/09/2017 Spot Bond				100.00000	0.00000	102.02137			0.00	0	0
Total FRC134 SPOT									0.00	0	0
Total For FRC134									0.00	0	0
FRC144 On 20/09/2017 Spot Bond				100.00000	0.00000	101.47067			0.00	0	0
Total FRC144 SPOT									0.00	0	0
Total For FRC144									0.00	0	0
FRC145 On 20/09/2017 Spot Bond				100.00000	0.00000	102.75587			0.00	0	0
Total FRC145 SPOT									0.00	0	0
Total For FRC145									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC15(On 20/09/2017 Spot Bond				100.00000	0.00000	101.59221				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	99.93806	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	101.60743				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	101.48742				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	101.52845				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	101.93056				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	101.50566				0.00	0	0
Total FRC161 SPOT										0.00	0	0
Total For FRC161										0.00	0	0
FRC16(On 20/03/2018 Spot Bond				100.00000	0.00000	101.43281				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	101.43433				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	101.98399				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	101.45673				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			4.38500	108.60131	4.38500	112.33333				0.00	0	0
Total FRC169 SPOT										0.00	0	0
Total For FRC169										0.00	0	0

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 20/06/2018 Spot Bond				100.00000	0.00000	101.54371				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	101.53163				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	101.01537				0.00	0	0
Total FRC172 SPOT										0.00	0	0
Total For FRC172										0.00	0	0
FRC17(On 20/06/2018 Spot Bond				100.00000	0.00000	101.54371				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	101.46764				0.00	0	0
Total FRC176 SPOT										0.00	0	0
Total For FRC176										0.00	0	0
FRC17(On 20/09/2018 Spot Bond				100.00000	0.00000	101.43876				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	99.75237				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	101.64507				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	107.20128				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	104.74276				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	101.85326				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	101.50658				0.00	0	0
Total FRC188 SPOT										0.00	0	0
Total For FRC188										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
FRC18: On 20/03/2019 Spot Bond				100.00000	0.00000	101.52859				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	101.14330				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	110.53300	10.00000	110.50400				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	101.60118				0.00	0	0
Total FRC195 SPOT										0.00	0	0
Total For FRC195										0.00	0	0
FRC20: On 20/06/2019 Spot Bond				100.00000	0.00000	101.99373				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	14.16555	100.00000	14.13123				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	13.27885	100.00000	13.24668				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	103.73909				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	25.37013	100.00000	25.30866				0.00	0	0
FRC21: On 20/12/2019 Spot Bond				100.00000	0.00000	101.57403				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		100.00000	0.00000				0.00	0	0
Total FRC211 SPOT										0.00	0	0
Total For FRC211										0.00	0	0
FRC21: On 07/05/2020 Spot Bond				100.00000	0.00000	100.20023				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	15.11235	100.00000	15.07574				0.00	0	0
Total FRC213 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC213										0.00	0	0
FRC21: On 07/11/2017 Spot Bond			100.00000	83.22428	100.00000	83.03893				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	100.20019				0.00	0	100,000,000
Total FRC215 SPOT										0.00	0	100,000,000
Total For FRC215										0.00	0	100,000,000
FRC21: On 07/11/2017 Spot Bond			100.00000	83.21817	100.00000	83.03283				0.00	0	0
Total FRC216 SPOT										0.00	0	0
Total For FRC216										0.00	0	0
FRC21: On 07/11/2017 Spot Bond				100.00000	0.00000	100.19977				0.00	0	0
Total FRC217 SPOT										0.00	0	0
Total For FRC217										0.00	0	0
FRC21: On 07/11/2017 Spot Bond				100.00000	0.00000	100.19098				0.00	0	0
Total FRC218 SPOT										0.00	0	0
Total For FRC218										0.00	0	0
FRC21: On 04/11/2019 Spot Bond				100.00000	0.00000	100.27555				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC22: On 04/11/2017 Spot Bond				100.00000	0.00000	100.26068				0.00	0	0
Total FRC220 SPOT										0.00	0	0
Total For FRC220										0.00	0	0
FRC22: On 31/01/2022 Spot Bond			3.71000	140.83241	3.71000	140.80504				0.00	0	0
Total FRC221 SPOT										0.00	0	0
Total For FRC221										0.00	0	0
FRC22: On 20/05/2020 Spot Bond				100.00000	0.00000	102.18510				0.00	0	0
Total FRC225 SPOT										0.00	0	0
Total For FRC225										0.00	0	0
FRC23: On 25/06/2018 Spot Bond				100.00000	0.00000	101.26685				0.00	0	0
Total FRC231 SPOT										0.00	0	0
Total For FRC231										0.00	0	0
FRC23: On 31/01/2022 Spot Bond			4.57000	135.92291	4.57000	135.89338				0.00	0	0
Total FRC233 SPOT										0.00	0	0
Total For FRC233										0.00	0	0
FRC23: On 20/12/2020 Spot Bond				100.00000	0.00000	102.22058				0.00	0	0
Total FRC234 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC234										0.00	0	0
FRC234 On 08/02/2020 Spot Bond				100.00000	0.00000	106.46085				0.00	0	0
Total FRC236 SPOT										0.00	0	0
Total For FRC236										0.00	0	0
FRC236 On 19/10/2020 Spot Bond				100.00000	0.00000	115.57458				0.00	0	0
Total FRC237 SPOT										0.00	0	0
Total For FRC237										0.00	0	0
FRC237 On 08/02/2020 Spot Bond				100.00000	0.00000	106.98985				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	116.36303				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	115.46152				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	106.33167				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	105.97394				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	101.51161				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	106.99646				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	101.49737				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	101.21875				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	106.28642				0.00	0	0
Total FRC247 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC247										0.00	0	0
FRC247 On 08/02/2020 Spot Bond				100.00000	0.00000	96.40635				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	113.82584				0.00	0	0
Total FRC249 SPOT										0.00	0	0
Total For FRC249										0.00	0	0
FRC249 On 19/10/2020 Spot Bond				100.00000	0.00000	94.94440				0.00	0	0
Total FRC250 SPOT										0.00	0	0
Total For FRC250										0.00	0	0
FRC250 On 13/02/2022 Spot Bond				100.00000	0.00000	100.02669				0.00	0	0
Total FRC251 SPOT										0.00	0	0
Total For FRC251										0.00	0	0
FRC251 On 14/03/2022 Spot Bond				100.00000	0.00000	101.46378				0.00	0	0
Total FRC252 SPOT										0.00	0	0
Total For FRC252										0.00	0	0
FRC252 On 27/03/2020 Spot Bond				100.00000	0.00000	101.16202				0.00	0	0
Total FRC254 SPOT										0.00	0	0
Total For FRC254										0.00	0	0
FRC254 On 05/10/2022 Spot Bond				100.00000	0.00000	100.53943				0.00	0	0
Total FRC255 SPOT										0.00	0	0
Total For FRC255										0.00	0	0
FRC255 On 17/07/2027 Spot Bond				100.00000	0.00000	100.29760				0.00	0	0
Total FRC256 SPOT										0.00	0	0
Total For FRC256										0.00	0	0
FRC256 On 10/09/2017 Spot Bond				100.00000	0.00000	101.72526				0.00	0	0
Total FRC46 SPOT										0.00	0	0
Total For FRC46										0.00	0	0
FRC66 On 31/01/2022 Spot Bond			4.23000	94.16418	4.23000	137.81117				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			4.29000	93.93154	4.29000	137.47047				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			4.27000	130.62586	4.27000	137.58394				0.00	0	0
Total FRC71 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC71										0.00	0	0
FRD01: On 31/10/2020 Spot Bond				100.00000	0.00000	100.48129				0.00	0	0
Total FRD013 SPOT										0.00	0	0
Total For FRD013										0.00	0	0
FRD011 On 22/12/2018 Spot Bond			100.00000	42.84133	100.00000	42.73755				0.00	0	0
Total FRD01U SPOT										0.00	0	0
Total For FRD01U										0.00	0	0
FRD151 On 31/12/2017 Spot Bond			100.00000	91.46337	100.00000	91.24245				0.00	0	0
Total FRD15U SPOT										0.00	0	0
Total For FRD15U										0.00	0	0
FRD171 On 15/02/2021 Spot Bond			100.00000	14.29015	100.00000	14.24553				0.00	0	0
Total FRD17U SPOT										0.00	0	0
Total For FRD17U										0.00	0	0
FRI33 On 28/02/2033 Spot Bond			4.08000	84.48421	4.08000	85.19286				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			4.00000	100.13807	4.00000	100.11786				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	102.52162				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	101.29020				0.00	0	0
Total FRJ19 SPOT										0.00	0	0
Total For FRJ19										0.00	0	0
FRJ20 On 20/09/2020 Spot Bond				100.00000	0.00000	100.77071				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	100.80516				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	102.08230				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	102.94190				0.00	0	220,000,000
Total FRJ25 SPOT										0.00	0	220,000,000

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 FRJ25									0.00	0	220,000,000
FRJ27 On 25/01/2027 Spot Bond				100.00000	0.00000	100.74905			0.00	0	0
Total FRJ27 SPOT									0.00	0	0
Total For FRJ27									0.00	0	0
FRS011 On 13/05/2021 Spot Bond			100.00000	7.48566	100.00000	7.47146			0.00	0	0
Total FRS01U SPOT									0.00	0	0
Total For FRS01U									0.00	0	0
FRS021 On 13/05/2021 Spot Bond			100.00000	7.48566	100.00000	7.47146			0.00	0	0
Total FRS02U SPOT									0.00	0	0
Total For FRS02U									0.00	0	0
FRS100 On 15/01/2024 Spot Bond			2.68800	84.34990	2.68800	107.32789			0.00	0	0
Total FRS100 SPOT									0.00	0	0
Total For FRS100									0.00	0	0
FRS101 On 31/01/2038 Spot Bond			3.02000	107.74292	3.02000	116.76774			0.00	0	0
Total FRS101 SPOT									0.00	0	0
Total For FRS101									0.00	0	0
FRS102 On 23/01/2024 Spot Bond				100.00000	0.00000	100.51309			0.00	0	0
Total FRS103 SPOT									0.00	0	0
Total For FRS103									0.00	0	0
FRS103 On 23/01/2024 Spot Bond				100.00000	0.00000	100.51309			0.00	0	0
Total FRS104 SPOT									0.00	0	0
Total For FRS104									0.00	0	0
FRS104 On 31/01/2038 Spot Bond			3.16000	105.20263	3.16000	114.19612			0.00	0	0
Total FRS108 SPOT									0.00	0	0
Total For FRS108									0.00	0	0
FRS108 On 07/12/2033 Spot Bond			3.32000	215.71220	3.32000	215.67245			0.00	0	0
Total FRS109 SPOT									0.00	0	0
Total For FRS109									0.00	0	0
FRS110 On 31/01/2038 Spot Bond			4.11500	98.37812	4.11500	98.35795			0.00	0	0
Total FRS110 SPOT									0.00	0	0
Total For FRS110									0.00	0	0
FRS111 On 07/12/2033 Spot Bond			3.35000	214.91436	3.35000	214.87457			0.00	0	0
Total FRS112 SPOT									0.00	0	0
Total For FRS112									0.00	0	0
FRS112 On 29/04/2019 Spot Bond				100.00000	0.00000	100.44652			0.00	0	0
Total FRS113 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRS113										0.00	0	0
FRS114 On 31/01/2025 Spot Bond			3.64000	118.17560	3.64000	118.15286				0.00	0	0
Total FRS114 SPOT										0.00	0	0
Total For FRS114										0.00	0	0
FRS115 On 31/01/2038 Spot Bond			3.32500	111.27214	3.32500	111.25167				0.00	0	0
Total FRS115 SPOT										0.00	0	0
Total For FRS115										0.00	0	0
FRS119 On 31/01/2038 Spot Bond			3.32500	111.27214	3.32500	111.25167				0.00	0	0
Total FRS119 SPOT										0.00	0	0
Total For FRS119										0.00	0	0
FRS120 On 07/12/2033 Spot Bond			3.47000	117.32147	3.47000	211.71883				0.00	0	0
Total FRS120 SPOT										0.00	0	0
Total For FRS120										0.00	0	0
FRS121 On 07/12/2033 Spot Bond			3.52000	210.46059	3.52000	210.42067				0.00	0	0
Total FRS121 SPOT										0.00	0	0
Total For FRS121										0.00	0	0
FRS122 On 31/01/2025 Spot Bond			3.17000	106.82543	3.17000	106.80621				0.00	0	0
Total FRS122 SPOT										0.00	0	0
Total For FRS122										0.00	0	0
FRS123 On 07/12/2033 Spot Bond			3.55000	209.68639	3.55000	209.64644				0.00	0	0
Total FRS123 SPOT										0.00	0	0
Total For FRS123										0.00	0	0
FRS124 On 31/01/2038 Spot Bond			4.23500	96.58163	4.23500	96.56152				0.00	0	0
Total FRS124 SPOT										0.00	0	0
Total For FRS124										0.00	0	0
FRS126 On 31/03/2028 Spot Bond			3.83500	163.84922	3.83500	163.81675				0.00	0	0
Total FRS126 SPOT										0.00	0	0
Total For FRS126										0.00	0	0
FRS127 On 31/01/2038 Spot Bond			4.05000	86.74156	4.05000	99.34801				0.00	0	0
Total FRS127 SPOT										0.00	0	0
Total For FRS127										0.00	0	0
FRS129 On 31/03/2028 Spot Bond			3.81000	104.34694	3.81000	164.18534				0.00	0	0
Total FRS129 SPOT										0.00	0	0
Total For FRS129										0.00	0	0
FRS130 On 11/11/2017 Spot Bond			100.00000	84.14703	100.00000	98.91599				0.00	0	0
Total FRS130 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRS130										0.00	0	0
FRS13: On 31/03/2028 Spot Bond			3.87000	163.33485	3.87000	163.30234				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			4.06000	197.04396	4.06000	197.00375				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	102.36831				0.00	0	0
Total FRS133 SPOT										0.00	0	0
Total For FRS133										0.00	0	0
FRS13: On 31/01/2038 Spot Bond			3.98000	87.38407	3.98000	100.42781				0.00	0	0
Total FRS134 SPOT										0.00	0	0
Total For FRS134										0.00	0	0
FRS13: On 31/01/2038 Spot Bond			4.23500	83.96938	4.23500	96.56152				0.00	0	0
Total FRS135 SPOT										0.00	0	0
Total For FRS135										0.00	0	0
FRS13: On 31/01/2038 Spot Bond			3.76000	103.93570	3.76000	103.91537				0.00	0	0
Total FRS136 SPOT										0.00	0	0
Total For FRS136										0.00	0	0
FRS13: On 31/03/2028 Spot Bond			3.68000	166.14976	3.68000	166.11753				0.00	0	0
Total FRS137 SPOT										0.00	0	0
Total For FRS137										0.00	0	0
FRS13: On 07/12/2033 Spot Bond			3.83000	202.62608	3.83000	202.58595				0.00	0	0
Total FRS138 SPOT										0.00	0	0
Total For FRS138										0.00	0	0
FRS14: On 31/03/2028 Spot Bond			3.81000	164.21777	3.81000	164.18534				0.00	0	0
Total FRS142 SPOT										0.00	0	0
Total For FRS142										0.00	0	0
FRS14: On 31/03/2028 Spot Bond			3.81000	164.21777	3.81000	164.18534				0.00	0	0
Total FRS143 SPOT										0.00	0	0
Total For FRS143										0.00	0	0
FRS14: On 31/03/2028 Spot Bond			4.10000	95.88901	4.10000	159.96811				0.00	0	0
Total FRS145 SPOT										0.00	0	0
Total For FRS145										0.00	0	0
FRS14: On 31/01/2025 Spot Bond			3.94000	115.79288	3.94000	115.76967				0.00	0	0
Total FRS146 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRS146										0.00	0	0
FRS146 On 31/01/2022 Spot Bond			3.41000	142.59299	3.41000	142.56643				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	119.38100				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			4.16000	159.14426	4.16000	159.11133				0.00	0	0
Total FRS149 SPOT										0.00	0	0
Total For FRS149										0.00	0	0
FRS149 On 31/03/2028 Spot Bond			4.20000	158.57608	4.20000	158.54312				0.00	0	0
Total FRS150 SPOT										0.00	0	0
Total For FRS150										0.00	0	0
FRS150 On 31/01/2025 Spot Bond			3.91000	116.02870	3.91000	116.00555				0.00	0	0
Total FRS151 SPOT										0.00	0	0
Total For FRS151										0.00	0	0
FRS151 On 31/03/2028 Spot Bond			4.17000	159.00198	4.17000	158.96907				0.00	0	0
Total FRS152 SPOT										0.00	0	0
Total For FRS152										0.00	0	0
FRS152 On 31/03/2028 Spot Bond			4.21000	158.43440	4.21000	158.40143				0.00	0	0
Total FRS153 SPOT										0.00	0	0
Total For FRS153										0.00	0	0
FRS153 On 19/05/2019 Spot Bond				100.00000	0.00000	106.68930				0.00	0	0
Total FRS157 SPOT										0.00	0	0
Total For FRS157										0.00	0	0
FRS157 On 20/06/2022 Spot Bond				100.00000	0.00000	154.17333				0.00	0	0
Total FRS158 SPOT										0.00	0	0
Total For FRS158										0.00	0	0
FRS158 On 06/06/2023 Spot Bond				100.00000	0.00000	71.47736				0.00	0	0
Total FRS159 SPOT										0.00	0	0
Total For FRS159										0.00	0	0
FRS159 On 06/06/2024 Spot Bond				100.00000	0.00000	101.95019				0.00	0	0
Total FRS160 SPOT										0.00	0	0
Total For FRS160										0.00	0	0
FRS160 On 06/06/2025 Spot Bond				100.00000	0.00000	99.81181				0.00	0	0
Total FRS161 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For FRS161									0.00	0	0
FRS161 On 20/06/2022 Spot Bond				100.00000	0.00000	86.41633			0.00	0	0
Total FRS162 SPOT									0.00	0	0
Total For FRS162									0.00	0	0
FRS162 On 06/06/2023 Spot Bond				100.00000	0.00000	85.41143			0.00	0	0
Total FRS163 SPOT									0.00	0	0
Total For FRS163									0.00	0	0
FRS163 On 06/06/2024 Spot Bond				100.00000	0.00000	86.56949			0.00	0	0
Total FRS164 SPOT									0.00	0	0
Total For FRS164									0.00	0	0
FRS164 On 06/06/2025 Spot Bond				100.00000	0.00000	86.01356			0.00	0	0
Total FRS165 SPOT									0.00	0	0
Total For FRS165									0.00	0	0
FRS165 On 01/08/2021 Spot Bond				100.00000	0.00000	73.61541			0.00	0	0
Total FRS166 SPOT									0.00	0	0
Total For FRS166									0.00	0	0
FRS166 On 01/08/2022 Spot Bond				100.00000	0.00000	77.96113			0.00	0	0
Total FRS167 SPOT									0.00	0	0
Total For FRS167									0.00	0	0
FRS167 On 01/08/2022 Spot Bond				100.00000	0.00000	75.19644			0.00	0	0
Total FRS168 SPOT									0.00	0	0
Total For FRS168									0.00	0	0
FRS168 On 01/08/2021 Spot Bond				100.00000	0.00000	76.89961			0.00	0	0
Total FRS169 SPOT									0.00	0	0
Total For FRS169									0.00	0	0
FRS169 On 01/08/2022 Spot Bond				100.00000	0.00000	76.31417			0.00	0	0
Total FRS170 SPOT									0.00	0	0
Total For FRS170									0.00	0	0
FRS36 On 07/12/2023 Spot Bond			3.03000	169.75738	3.03000	286.70548			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			2.92000	170.44533	2.92000	288.40062			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			3.64000	162.38945	3.64000	277.51791		1,092,000,000,000.00	300,000,000	150,000,000	
Total FRS43 SPOT								1,092,000,000,000.00	300,000,000	150,000,000	

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 FRS43										1,092,000,000,000.00	300,000,000	150,000,000
FRS46 On 31/01/2022 Spot Bond			3.37000	141.83668	3.37000	142.80319				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	100.46866				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			2.90000	145.64459	2.90000	145.61944				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	100.26951				0.00	0	0
Total FRS62 SPOT										0.00	0	0
Total For FRS62										0.00	0	0
FRS64 On 26/01/2042 Spot Bond			3.00000	112.56872	3.00000	112.54898				0.00	0	0
Total FRS64 SPOT										0.00	0	0
Total For FRS64										0.00	0	0
FRS81 On 30/10/2042 Spot Bond			2.84000	90.09308	2.84000	117.81333				0.00	0	0
Total FRS81 SPOT										0.00	0	0
Total For FRS81										0.00	0	0
FRS85 On 31/01/2025 Spot Bond			3.10000	118.41132	3.10000	122.58250				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	99.72508				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			3.13000	117.78353	3.13000	122.33158				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			3.83000	138.66632	3.83000	274.72828				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	100.16616				0.00	0	0
Total FRS94 SPOT										0.00	0	0
Total For FRS94										0.00	0	0
FRS96 On 27/08/2018 Spot Bond				100.00000	0.00000	101.97055				0.00	0	0
Total FRS96 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRS96										0.00	0	0
FRX17 On 15/09/2017 Spot Bond			6.83000	103.66804	6.83000	103.64875				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			7.63500	105.34962	7.63500	105.32806				0.00	0	400,000,000
Total FRX18 SPOT										0.00	0	400,000,000
Total For FRX18										0.00	0	400,000,000
FRX19 On 15/11/2019 Spot Bond			7.93000	104.41616	7.93000	104.39410				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			8.16000	104.85806	8.16000	104.83514				0.00	0	0
Total FRX20 SPOT										0.00	0	0
Total For FRX20										0.00	0	0
FRX23 On 28/02/2023 Spot Bond			8.90000	98.60719	8.90000	98.58385				0.00	0	20,000,000
Total FRX23 SPOT										0.00	0	20,000,000
Total For FRX23										0.00	0	20,000,000
FRX24 On 10/12/2024 Spot Bond			9.23000	109.89831	9.23000	109.87122				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			9.77000	101.92828	9.77000	101.90173				0.00	0	450,000,000
Total FRX26 SPOT										0.00	0	450,000,000
Total For FRX26										0.00	0	450,000,000
FRX27 On 07/03/2027 Spot Bond			9.77000	107.04469	9.77000	107.01696				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			10.18500	97.38250	10.18500	97.35620				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			10.29000	94.17319	10.29000	98.88920				0.00	0	500,000,000
Total FRX31 SPOT										0.00	0	500,000,000
Total For FRX31										0.00	0	500,000,000
FRX32 On 31/03/2032 Spot Bond			10.21500	103.17562	10.21500	106.20344				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			10.89000	77.56163	10.89000	77.53916				0.00	0	0
Total FRX45 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For FRX45									0.00	0	0
FS1A5 On 20/09/2018 Spot Bond				100.00000	0.00000	101.46538			0.00	0	0
Total FS1A5 SPOT									0.00	0	0
Total For FS1A5									0.00	0	0
FS1B1 On 20/09/2018 Spot Bond				100.00000	0.00000	101.68203			0.00	0	0
Total FS1B1 SPOT									0.00	0	0
Total For FS1B1									0.00	0	0
FS1C1 On 20/09/2018 Spot Bond				100.00000	0.00000	101.46764			0.00	0	0
Total FS1C1 SPOT									0.00	0	0
Total For FS1C1									0.00	0	0
FS1D1 On 20/09/2018 Spot Bond				100.00000	0.00000	101.66509			0.00	0	0
Total FS1D1 SPOT									0.00	0	0
Total For FS1D1									0.00	0	0
FS2A4 On 20/11/2018 Spot Bond				100.00000	0.00000	99.81490			0.00	0	0
Total FS2A4 SPOT									0.00	0	0
Total For FS2A4									0.00	0	0
FS2A5 On 20/02/2019 Spot Bond				100.00000	0.00000	99.80057			0.00	0	55,000,000
Total FS2A5 SPOT									0.00	0	55,000,000
Total For FS2A5									0.00	0	55,000,000
FS2B1 On 20/02/2019 Spot Bond				100.00000	0.00000	99.86642			0.00	0	0
Total FS2B1 SPOT									0.00	0	0
Total For FS2B1									0.00	0	0
FS2C1 On 20/02/2019 Spot Bond				100.00000	0.00000	99.86239			0.00	0	0
Total FS2C1 SPOT									0.00	0	0
Total For FS2C1									0.00	0	0
FS2D1 On 20/02/2019 Spot Bond				100.00000	0.00000	99.84471			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	10.63375	100.00000	10.60799			0.00	0	0
Total FS3A3U SPOT									0.00	0	0
Total For FS3A3U									0.00	0	0
FS3A4L On 20/02/2020 Spot Bond			100.00000	10.63375	100.00000	10.60799			0.00	0	0
Total FS3A4U SPOT									0.00	0	0
Total For FS3A4U									0.00	0	0
FS3A5L On 20/02/2020 Spot Bond			100.00000	10.63375	100.00000	10.60799			0.00	0	0
Total FS3A5U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FS3A5U										0.00	0	0
FS3B1L On 20/02/2020 Spot Bond			100.00000	10.63375	100.00000	10.60799				0.00	0	0
Total FS3B1U SPOT										0.00	0	0
Total For FS3B1U										0.00	0	0
FS3C1L On 20/02/2020 Spot Bond			100.00000	10.63375	100.00000	10.60799				0.00	0	0
Total FS3C1U SPOT										0.00	0	0
Total For FS3C1U										0.00	0	0
FS3D1L On 20/02/2020 Spot Bond			100.00000	18.50142	100.00000	18.45659				0.00	0	0
Total FS3D1U SPOT										0.00	0	0
Total For FS3D1U										0.00	0	0
FS4A3L On 20/03/2020 Spot Bond			100.00000	9.86352	100.00000	9.83963				0.00	0	0
Total FS4A3U SPOT										0.00	0	0
Total For FS4A3U										0.00	0	0
FS4A4L On 20/03/2020 Spot Bond			100.00000	17.48173	100.00000	17.43939				0.00	0	0
Total FS4A4U SPOT										0.00	0	0
Total For FS4A4U										0.00	0	0
FS4A5L On 20/03/2020 Spot Bond			100.00000	17.58670	100.00000	17.54409				0.00	0	0
Total FS4A5U SPOT										0.00	0	0
Total For FS4A5U										0.00	0	0
FS4B1L On 20/03/2020 Spot Bond			100.00000	17.79662	100.00000	17.75350				0.00	0	0
Total FS4B1U SPOT										0.00	0	0
Total For FS4B1U										0.00	0	0
FS4C1L On 20/03/2020 Spot Bond			100.00000	18.05903	100.00000	18.01528				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1L On 20/03/2020 Spot Bond			100.00000	18.37392	100.00000	18.32941				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	29.13429	100.00000	29.06370				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	12.14375	100.00000	12.11434				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	9.48426	100.00000	9.46128				0.00	0	0
Total FS5A3U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FS5A3U										0.00	0	0
FS5A4L On 20/04/2021 Spot Bond			100.00000	12.71032	100.00000	12.67953				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0
FS5A5L On 20/04/2021 Spot Bond			100.00000	12.81333	100.00000	12.78229				0.00	0	0
Total FS5A5U SPOT										0.00	0	0
Total For FS5A5U										0.00	0	0
FS5B1L On 20/04/2021 Spot Bond			100.00000	13.01935	100.00000	12.98781				0.00	0	0
Total FS5B1U SPOT										0.00	0	0
Total For FS5B1U										0.00	0	0
FS5C1L On 20/04/2021 Spot Bond			100.00000	13.27687	100.00000	13.24471				0.00	0	0
Total FS5C1U SPOT										0.00	0	0
Total For FS5C1U										0.00	0	0
FS5D1L On 20/04/2021 Spot Bond			100.00000	13.58592	100.00000	13.55300				0.00	0	0
Total FS5D1U SPOT										0.00	0	0
Total For FS5D1U										0.00	0	0
FS5E1L On 20/04/2021 Spot Bond			100.00000	15.13109	100.00000	15.09442				0.00	0	0
Total FS5E1U SPOT										0.00	0	0
Total For FS5E1U										0.00	0	0
GBL02 On 15/10/2018 Spot Bond				100.00000	0.00000	100.81606				0.00	0	0
Total GBL02 SPOT										0.00	0	0
Total For GBL02										0.00	0	0
GH31A On 25/02/2018 Spot Bond				100.00000	0.00000	102.08763				0.00	0	0
Total GH31A1 SPOT										0.00	0	0
Total For GH31A1										0.00	0	0
GH31A On 25/02/2020 Spot Bond				100.00000	0.00000	101.98815				0.00	0	0
Total GH31A2 SPOT										0.00	0	0
Total For GH31A2										0.00	0	0
GH31A On 25/02/2020 Spot Bond				100.00000	0.00000	102.01055				0.00	0	0
Total GH31A3 SPOT										0.00	0	0
Total For GH31A3										0.00	0	0
GH31B On 25/02/2020 Spot Bond				100.00000	0.00000	102.15614				0.00	0	0
Total GH31B SPOT										0.00	0	0
Total For GH31B										0.00	0	0
GH31C On 25/02/2020 Spot Bond				100.00000	0.00000	102.33528				0.00	0	0
Total GH31C SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For GH31C									0.00	0	0
GH31D On 25/02/2020 Spot Bond				100.00000	0.00000	102.44723			0.00	0	0
Total GH31D SPOT									0.00	0	0
Total For GH31D									0.00	0	0
GH41U On 25/10/2020 Spot Bond			100.00000	13.89007	100.00000	13.85643			0.00	0	0
Total GH41U SPOT									0.00	0	0
Total For GH41U									0.00	0	0
GPT41 On 06/09/2017 Spot Bond				100.00000	0.00000	101.48784			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	23.57700	100.00000	23.51988			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	95.86659	100.00000	95.62203			0.00	0	0
Total GRB02U SPOT									0.00	0	0
Total For GRB02U									0.00	0	0
GRB03 On 03/03/2019 Spot Bond			100.00000	32.21817	100.00000	32.14012			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	15.59774	100.00000	15.55995			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	32.90023	100.00000	32.82053			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	19.78427	100.00000	19.73635			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	4.54280	100.00000	4.53418			0.00	0	0
Total GRB07U SPOT									0.00	0	0
Total For GRB07U									0.00	0	0
GRB11 On 31/01/2018 Spot Bond			100.00000	68.48030	100.00000	68.35206			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	46.05276	100.00000	45.95055			0.00	0	0
Total GRB12U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For GRB12U										0.00	0	0
GRB13 On 31/01/2019 Spot Bond			100.00000	36.34241	100.00000	36.27346				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	30.16097	100.00000	30.12748				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	18.17121	100.00000	18.13673				0.00	0	0
Total GRB15U SPOT										0.00	0	0
Total For GRB15U										0.00	0	0
GRB16 On 31/07/2020 Spot Bond			100.00000	13.40488	100.00000	13.38999				0.00	0	0
Total GRB16U SPOT										0.00	0	0
Total For GRB16U										0.00	0	0
GRB17 On 29/01/2021 Spot Bond			100.00000	9.12018	100.00000	9.10287				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	5.96434	100.00000	5.95772				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	4.54280	100.00000	4.53418				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	17.01342	100.00000	16.96120				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	11.99195	100.00000	11.95513				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	9.38579	100.00000	9.35697				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	11.53921	100.00000	11.50319				0.00	0	0
Total GRB23U SPOT										0.00	0	0
Total For GRB23U										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	100.59294				0.00	0	0
Total GRH1A3 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For GRH1A3										0.00	0	0
GRH1B On 25/10/2017 Spot Bond				100.00000	0.00000	100.52898				0.00	0	0
Total GRH1B SPOT										0.00	0	0
Total For GRH1B										0.00	0	0
GRH1C On 25/10/2017 Spot Bond				100.00000	0.00000	100.55720				0.00	0	0
Total GRH1C SPOT										0.00	0	0
Total For GRH1C										0.00	0	0
GRH1Y On 25/10/2017 Spot Bond			100.00000	84.97263	100.00000	84.77774				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	101.83077				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	99.86059				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	101.84573				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	101.40262				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	100.02225				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	99.99109				0.00	0	220,000,000
Total GRT11 SPOT										0.00	0	220,000,000
Total For GRT11										0.00	0	220,000,000
GRT12 On 24/06/2020 Spot Bond				100.00000	0.00000	101.59540				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	100.75973				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	101.56335				0.00	0	0
Total GRT14 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For GRT14										0.00	0	0
GRT15 On 15/04/2020 Spot Bond				100.00000	0.00000	100.87996				0.00	0	0
Total GRT15 SPOT										0.00	0	0
Total For GRT15										0.00	0	0
GRT16 On 17/10/2021 Spot Bond				100.00000	0.00000	100.77995				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			9.46000	106.49926	9.46000	106.47238				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	101.53682				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	101.75303				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	101.13540				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			10.14000	99.05546	10.14000	101.84857				0.00	0	0
Total GRT21 SPOT										0.00	0	0
Total For GRT21										0.00	0	0
GRX01 On 03/07/2032 Spot Bond			100.00000	0.00009	100.00000	0.00009				0.00	0	0
Total GRX01U SPOT										0.00	0	0
Total For GRX01U										0.00	0	0
HC1M1 On 31/10/2017 Spot Bond				100.00000	0.00000	117.85479				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	112.97945				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	102.71384				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	101.02903				0.00	0	0
Total HC2T1 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For HC2T1										0.00	0	0
HC4T1 On 15/12/2017 Spot Bond				100.00000	0.00000	101.47638				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	22.80969	100.00000	24.62280				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	101.55478				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	100.30915				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	100.01853				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	100.92178				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	100.93099				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	100.94144				0.00	0	0
Total HILB07 SPOT										0.00	0	0
Total For HILB07										0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	9.80155	100.00000	9.77781				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	9.80155	100.00000	9.77781				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	10.52399	100.00000	10.49849				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	10.52399	100.00000	10.49849				0.00	0	0
Total HM1D5U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For HM1D5U										0.00	0	0
HM1E4 On 19/07/2048 Spot Bond			100.00000	11.40696	100.00000	11.37933				0.00	0	0
Total HM1E4U SPOT										0.00	0	0
Total For HM1E4U										0.00	0	0
HPF04/ On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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	99.84631				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	99.86484				0.00	0	0
Total HPF07 SPOT										0.00	0	0
Total For HPF07										0.00	0	0
HPF08 On 15/04/2019 Spot Bond				100.00000	0.00000	100.87861				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	100.79760				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	99.95729				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			8.29000	104.17603	8.29000	104.15303				0.00	0	8,490,000,000
Total HWAY20 SPOT										0.00	0	8,490,000,000
Total For HWAY20										0.00	0	8,490,000,000
HWAY2 On 31/07/2020 Spot Bond			100.00000	18.30742	100.00000	18.26711				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			3.07000	286.14281	3.07000	286.09203				0.00	0	13,500,000,000
Total HWAY23 SPOT										0.00	0	13,500,000,000
Total For HWAY23										0.00	0	13,500,000,000
HWAY2 On 07/12/2024 Spot Bond			2.78000	172.92647	2.78000	296.14946				0.00	0	0
Total HWAY24 SPOT										0.00	0	0
Total For HWAY24										0.00	0	0
HWAY3 On 28/02/2033 Spot Bond			3.16000	89.92585	3.16000	99.69232				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			10.67000	89.36793	10.67000	89.34269			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	9.58205	100.00000	9.56096			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			10.64000	89.35949	10.64000	89.33432			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	9.58200	100.00000	9.56091			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	100.75668			0.00	0	0
Total HWF08 SPOT									0.00	0	0
Total For HWF08									0.00	0	0
HWF09 On 19/09/2019 Spot Bond				100.00000	0.00000	101.46139			0.00	0	0
Total HWF09 SPOT									0.00	0	0
Total For HWF09									0.00	0	0
HWF10 On 30/09/2019 Spot Bond			100.00000	23.67639	100.00000	23.61903			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	110.53300	10.00000	110.50400			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			2.49000	127.83214	2.49000	127.81148		843,950,142,000.00		338,935,800	62,720,202,800
Total I2025 SPOT								843,950,142,000.00		338,935,800	62,720,202,800
Total For I2025								843,950,142,000.00		338,935,800	62,720,202,800
I2029 On 31/03/2029 Spot Bond			2.52000	99.56406	2.52000	99.54787		24,096,166,416,000.00		9,561,970,800	16,191,795,400
Total I2029 SPOT								24,096,166,416,000.00		9,561,970,800	16,191,795,400
Total For I2029								24,096,166,416,000.00		9,561,970,800	16,191,795,400
I2033 On 28/02/2033 Spot Bond			2.53000	104.15270	2.53000	104.13575		65,824,506,242,000.00		26,017,591,400	44,558,795,700
Total I2033 SPOT								65,824,506,242,000.00		26,017,591,400	44,558,795,700
Total For I2033								65,824,506,242,000.00		26,017,591,400	44,558,795,700
I2038 On 31/01/2038 Spot Bond			2.40000	129.03831	2.40000	129.01779		215,953,151,040,000.00		89,980,479,600	186,190,198,200
Total I2038 SPOT								215,953,151,040,000.00		89,980,479,600	186,190,198,200

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 I2038									15,953,151,040,000.00	89,980,479,600	186,190,198,200
I2046 On 31/03/2046 Spot Bond			2.52000	125.17037	2.52000	125.14999			7,372,294,776,000.00	2,925,513,800	112,978,644,000
Total I2046 SPOT									7,372,294,776,000.00	2,925,513,800	112,978,644,000
Total For I2046									7,372,294,776,000.00	2,925,513,800	112,978,644,000
I2050 On 31/12/2050 Spot Bond			2.54000	131.21278	2.50000	132.37458			122,145,912,680,000.00	48,088,942,000	74,885,036,353
Total I2050 SPOT									122,145,912,680,000.00	48,088,942,000	74,885,036,353
Total For I2050									122,145,912,680,000.00	48,088,942,000	74,885,036,353
IB105U On 20/10/2017 Spot Bond			100.00000	84.88372	100.00000	84.68677			0.00	0	0
Total IB105U SPOT									0.00	0	0
Total For IB105U									0.00	0	0
IBL02U On 24/05/2022 Spot Bond			100.00000	9.42109	100.00000	9.39167			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	99.80268			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			8.93500	102.58126	8.93500	102.55690			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	99.79790			0.00	0	0
Total IBL102 SPOT									0.00	0	0
Total For IBL102									0.00	0	0
IBL103 On 08/06/2018 Spot Bond				100.00000	0.00000	101.53550			0.00	0	0
Total IBL103 SPOT									0.00	0	0
Total For IBL103									0.00	0	0
IBL104 On 17/07/2018 Spot Bond			8.70500	101.39897	8.70500	100.68094			0.00	0	0
Total IBL104 SPOT									0.00	0	0
Total For IBL104									0.00	0	0
IBL106 On 06/08/2020 Spot Bond			8.28000	101.67104	8.28000	100.20063			0.00	0	0
Total IBL106 SPOT									0.00	0	0
Total For IBL106									0.00	0	0
IBL22 On 15/03/2018 Spot Bond			7.97000	105.29331	7.97000	105.27095			0.00	0	0
Total IBL22 SPOT									0.00	0	0
Total For IBL22									0.00	0	0
IBL36 On 31/01/2022 Spot Bond			2.97000	143.24120	2.97000	145.19597			594,000,000,000.00	200,000,000	100,000,000
Total IBL36 SPOT									594,000,000,000.00	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 IBL36										594,000,000,000.00	200,000,000	100,000,000
IBL39 On 02/04/2018 Spot Bond			8.09000	103.64593	8.09000	103.62348				0.00	0	0
Total IBL39 SPOT										0.00	0	0
Total For IBL39										0.00	0	0
IBL43/J On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				0.00	0	0
Total IBL43/JIBAR SPOT										0.00	0	0
Total For IBL43/JIBAR										0.00	0	0
IBL45 On 21/12/2018 Spot Bond			8.53500	100.53893	8.53500	100.51597				0.00	0	0
Total IBL45 SPOT										0.00	0	0
Total For IBL45										0.00	0	0
IBL46 On 15/01/2020 Spot Bond			8.99000	96.91848	8.99000	96.89532				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			8.28000	102.14402	8.28000	102.12139				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	102.70990	7.34000	102.68968				0.00	0	0
Total IBL49/R203 SPOT										0.00	0	0
Total For IBL49/R203										0.00	0	0
IBL50 On 02/08/2020 Spot Bond			8.98000	100.64535	8.98000	100.62133				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	100.34670				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			8.31500	100.16127	8.31500	100.13909				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	100.37682				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			8.27500	101.27129	8.27500	101.24861				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			9.62000	102.99013	9.62000	102.96341				0.00	0	0
Total IBL60 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IBL60										0.00	0	0
IBL61 On 31/03/2019 Spot Bond				100.00000	0.00000	100.96343				0.00	0	0
Total IBL61 SPOT										0.00	0	0
Total For IBL61										0.00	0	0
IBL64 On 29/07/2019 Spot Bond				100.00000	0.00000	100.17068				0.00	0	100,000,000
Total IBL64 SPOT										0.00	0	100,000,000
Total For IBL64										0.00	0	100,000,000
IBL65 On 29/07/2021 Spot Bond				100.00000	0.00000	100.35565				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	101.94095				0.00	0	0
Total IBL66 SPOT										0.00	0	0
Total For IBL66										0.00	0	0
IBL67 On 31/01/2022 Spot Bond			3.70000	140.89069	3.70000	140.86336				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	101.24901				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	58.62649	100.00000	58.48447				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	99.96521				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	99.86492				0.00	0	0
Total IBL75 SPOT										0.00	0	0
Total For IBL75										0.00	0	0
IBL76 On 25/11/2018 Spot Bond				100.00000	0.00000	102.36338				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	102.03293				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			9.67000	103.71482	9.67000	103.68822				0.00	0	0
Total IBL78 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IBL78										0.00	0	0
IBL79 On 27/01/2019 Spot Bond			8.10500	103.07088	8.10500	103.04863				0.00	0	0
Total IBL79 SPOT										0.00	0	0
Total For IBL79										0.00	0	0
IBL80U On 02/02/2019 Spot Bond			100.00000	39.83485	100.00000	39.73836				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	14.27427	100.00000	14.23970				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	100.38887				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	101.35428				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	29.18239	100.00000	29.11169				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	100.19147				0.00	0	0
Total IBL85 SPOT										0.00	0	0
Total For IBL85										0.00	0	0
IBL86 On 20/05/2021 Spot Bond				100.00000	0.00000	101.30445				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			8.40500	104.46612	8.40500	104.44275				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			8.95000	106.73428	8.95000	106.70889				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	16.77643	100.00000	16.73951				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	102.16251				0.00	0	0
Total IBL89 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IBL89										0.00	0	0
IBL90U On 20/05/2019 Spot Bond			100.00000	32.46482	100.00000	32.38617				0.00	0	0
Total IBL90U SPOT										0.00	0	0
Total For IBL90U										0.00	0	0
IBL91 On 02/06/2018 Spot Bond				100.00000	0.00000	101.81913				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	100.89370				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	101.98951				0.00	0	0
Total IBL93 SPOT										0.00	0	0
Total For IBL93										0.00	0	0
IBL94 On 06/09/2019 Spot Bond				100.00000	0.00000	101.96470				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	102.44364				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	101.36864				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	101.09365				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	101.14124				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			8.27500	104.27569	8.27500	104.25259				0.00	0	0
Total IBL99 SPOT										0.00	0	0
Total For IBL99										0.00	0	0
IDC01U On 08/11/2026 Spot Bond			100.00000	11.02072	100.00000	10.99646				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	100.54687				0.00	0	0
Total IDCG02 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IDCG02										0.00	0	0
IDCG02 On 22/10/2020 Spot Bond			9.27000	100.10755	9.27000	100.08277				0.00	0	0
Total IDCG03 SPOT										0.00	0	0
Total For IDCG03										0.00	0	0
IDCG03 On 24/11/2017 Spot Bond				100.00000	0.00000	101.95429				0.00	0	0
Total IDCG04 SPOT										0.00	0	0
Total For IDCG04										0.00	0	0
IDCG04 On 24/11/2019 Spot Bond				100.00000	0.00000	101.92165				0.00	0	0
Total IDCG05 SPOT										0.00	0	0
Total For IDCG05										0.00	0	0
IDCG05 On 24/11/2024 Spot Bond			10.44000	97.69215	10.44000	97.66513				0.00	0	0
Total IDCG06 SPOT										0.00	0	0
Total For IDCG06										0.00	0	0
IDCG06 On 13/11/2020 Spot Bond				100.00000	0.00000	100.02208				0.00	0	0
Total IDCG07 SPOT										0.00	0	0
Total For IDCG07										0.00	0	0
IDCG07 On 13/05/2030 Spot Bond			11.49000	101.45084	11.49000	101.39557				0.00	0	0
Total IDCG08 SPOT										0.00	0	0
Total For IDCG08										0.00	0	0
IDCG08 On 05/12/2019 Spot Bond				100.00000	0.00000	101.76685				0.00	0	0
Total IDCG09 SPOT										0.00	0	0
Total For IDCG09										0.00	0	0
IDCG09 On 05/12/2021 Spot Bond				100.00000	0.00000	101.79184				0.00	0	0
Total IDCG10 SPOT										0.00	0	0
Total For IDCG10										0.00	0	0
IDCG10 On 05/12/2026 Spot Bond			10.54000	103.60967	10.54000	103.58060				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	101.60918	5.00000	101.59539				0.00	0	0
Total IDCP04 SPOT										0.00	0	0
Total For IDCP04										0.00	0	0
IDCP04 On 14/03/2018 Spot Bond			4.00000	101.68215	4.00000	101.67120				0.00	0	0
Total IDCP05 SPOT										0.00	0	0
Total For IDCP05										0.00	0	0
IDCP05 On 17/10/2019 Spot Bond			4.00000	101.31797	4.00000	101.30700				0.00	0	0
Total IDCP06 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IDCP06										0.00	0	0
IDCP1L On 18/05/2024 Spot Bond			100.00000	8.43789	100.00000	8.41932				0.00	0	0
Total IDCP1U SPOT										0.00	0	0
Total For IDCP1U										0.00	0	0
IFC01 On 10/12/2024 Spot Bond			8.84000	100.93784	8.84000	100.91399				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			7.66000	106.42216	7.66000	106.40029				0.00	0	0
Total IFC02 SPOT										0.00	0	0
Total For IFC02										0.00	0	0
IN272U On 10/11/2017 Spot Bond			100.00000	82.36294	100.00000	82.18072				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	12.73763	100.00000	12.70677				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	12.57543	100.00000	12.54497				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	24.06733	100.00000	24.00903				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	29.00550	100.00000	28.93524				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	9.26836	100.00000	9.24785				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	18.07593	100.00000	18.03215				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	45.93528	100.00000	45.82399				0.00	0	0
Total IN313U SPOT										0.00	0	0
Total For IN313U										0.00	0	0
IN319U On 20/12/2017 Spot Bond			100.00000	77.11424	100.00000	76.95750				0.00	0	0
Total IN319U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IN319U										0.00	0	0
IN327U On 15/02/2021 Spot Bond			100.00000	14.06805	100.00000	14.03396				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	15.08195	100.00000	15.04542				0.00	0	0
Total IN329U SPOT										0.00	0	0
Total For IN329U										0.00	0	0
IN334U On 22/09/2021 Spot Bond			100.00000	13.97525	100.00000	13.94139				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	97.89399	100.00000	97.63972				0.00	0	0
Total IN339U SPOT										0.00	0	0
Total For IN339U										0.00	0	0
IN341U On 12/12/2017 Spot Bond			100.00000	97.95557	100.00000	97.70114				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	11.20132	100.00000	11.17654				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	12.87972	100.00000	12.85137				0.00	0	0
Total IN343U SPOT										0.00	0	0
Total For IN343U										0.00	0	0
IN345U On 31/01/2030 Spot Bond			100.00000	8.29086	100.00000	8.27262				0.00	0	0
Total IN345U SPOT										0.00	0	0
Total For IN345U										0.00	0	0
IN346U On 15/04/2018 Spot Bond			100.00000	59.89881	100.00000	59.75370				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	11.93279	100.00000	11.90637				0.00	0	0
Total IN347U SPOT										0.00	0	0
Total For IN347U										0.00	0	0
IN355U On 22/03/2022 Spot Bond			100.00000	13.11531	100.00000	13.08355				0.00	0	0
Total IN355U SPOT										0.00	0	0
Total For IN355U										0.00	0	0
IN357U On 31/08/2017 Spot Bond			100.00000	100.50175	100.00000	100.23797				0.00	0	0
Total IN357U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IN357U										0.00	0	0
IN359U On 01/07/2018 Spot Bond			100.00000	56.15916	100.00000	55.97793				0.00	0	0
Total IN359U SPOT										0.00	0	0
Total For IN359U										0.00	0	0
ING132 On 22/12/2018 Spot Bond				100.00000	0.00000	101.50774				0.00	0	0
Total ING132 SPOT										0.00	0	0
Total For ING132										0.00	0	0
ING196 On 30/06/2027 Spot Bond				100.00000	0.00000	78.65983				0.00	0	0
Total ING196 SPOT										0.00	0	0
Total For ING196										0.00	0	0
ING211 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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	101.47834				0.00	0	0
Total ING228 SPOT										0.00	0	0
Total For ING228										0.00	0	0
ING232 On 04/10/2018 Spot Bond				100.00000	0.00000	100.26041				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	98.43853				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	100.07714				0.00	0	0
Total INLV01 SPOT										0.00	0	0
Total For INLV01										0.00	0	0
INLV02 On 20/10/2020 Spot Bond				100.00000	0.00000	102.05608				0.00	0	0
Total INLV02 SPOT										0.00	0	0
Total For INLV02										0.00	0	0
INLV03 On 11/02/2021 Spot Bond				100.00000	0.00000	100.11764				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			11.31000	104.28135	11.31000	104.25018				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	110.53300	10.00000	110.50400				0.00	0	0
Total IPF01/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 IPF01/JIBAR										0.00	0	0
IPF08 On 01/07/2018 Spot Bond				100.00000	0.00000	101.10376				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	101.54834				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	42.00413	100.00000	41.90238				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	100.76129				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	101.78147				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	101.41437				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	101.45309				0.00	0	0
Total IPF15 SPOT										0.00	0	0
Total For IPF15										0.00	0	0
IPF16 On 17/12/2021 Spot Bond				100.00000	0.00000	101.47632				0.00	0	0
Total IPF16 SPOT										0.00	0	0
Total For IPF16										0.00	0	0
IPF17 On 22/12/2020 Spot Bond				100.00000	0.00000	101.36145				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	101.37610				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	101.39075				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	101.41136				0.00	0	0
Total IPF20 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IPF20										0.00	0	0
IPF21 On 17/03/2022 Spot Bond				100.00000	0.00000	101.46092				0.00	0	0
Total IPF21 SPOT										0.00	0	0
Total For IPF21										0.00	0	0
IPF22 On 14/06/2022 Spot Bond				100.00000	0.00000	101.58208				0.00	0	0
Total IPF22 SPOT										0.00	0	0
Total For IPF22										0.00	0	0
IPFC15 On 26/10/2017 Spot Bond				100.00000	0.00000	100.41304				0.00	0	0
Total IPFC15 SPOT										0.00	0	0
Total For IPFC15										0.00	0	0
IPL10 On 20/05/2021 Spot Bond			9.34000	102.30732	9.34000	102.28195				0.00	0	1,850,000,000
Total IPL10 SPOT										0.00	0	1,850,000,000
Total For IPL10										0.00	0	1,850,000,000
IPL11 On 24/05/2022 Spot Bond				100.00000	0.00000	99.78703				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			7.92000	103.92038	7.92000	103.89804				0.00	0	0
Total IPL6 SPOT										0.00	0	0
Total For IPL6										0.00	0	0
IPL6/R2 On 28/09/2017 Spot Bond			100.00000	93.83542	100.00000	93.60599				0.00	0	0
Total IPL6/R203 SPOT										0.00	0	0
Total For IPL6/R203										0.00	0	0
IPL7 On 05/04/2018 Spot Bond				100.00000	0.00000	101.04569				0.00	0	0
Total IPL7 SPOT										0.00	0	0
Total For IPL7										0.00	0	0
IPL7/JIB On 05/04/2018 Spot Bond			100.00000	61.47693	100.00000	61.32800				0.00	0	0
Total IPL7/JIBAR SPOT										0.00	0	0
Total For IPL7/JIBAR										0.00	0	0
IPL8 On 10/10/2020 Spot Bond				100.00000	0.00000	101.41930				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	14.69728	100.00000	14.66167				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	99.80137				0.00	0	0
Total IPL9 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IPL9										0.00	0	0
IV015 On 20/09/2017 Spot Bond				100.00000	0.00000	101.63006				0.00	0	0
Total IV015 SPOT										0.00	0	0
Total For IV015										0.00	0	0
IV017/F On 31/01/2022 Spot Bond			2.75000	100.11882	2.75000	100.11139				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			5.72000	138.63865	5.72000	138.60421				0.00	0	0
Total IV019 SPOT										0.00	0	0
Total For IV019										0.00	0	0
IV025 On 12/09/2019 Spot Bond				100.00000	0.00000	100.71197				0.00	0	0
Total IV025 SPOT										0.00	0	0
Total For IV025										0.00	0	0
IV026 On 27/09/2019 Spot Bond				100.00000	0.00000	100.20250				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			4.49000	110.59756	4.49000	111.53931				0.00	0	0
Total IV030 SPOT										0.00	0	0
Total For IV030										0.00	0	0
IV030A On 31/01/2025 Spot Bond			4.49000	110.50536	4.49000	111.53931				0.00	0	0
Total IV030A SPOT										0.00	0	0
Total For IV030A										0.00	0	0
IV031 On 11/03/2020 Spot Bond				100.00000	0.00000	101.82977				0.00	0	0
Total IV031 SPOT										0.00	0	0
Total For IV031										0.00	0	0
IV032 On 14/08/2018 Spot Bond				100.00000	0.00000	101.37015				0.00	0	50,000,000
Total IV032 SPOT										0.00	0	50,000,000
Total For IV032										0.00	0	50,000,000
IV033 On 11/02/2021 Spot Bond				100.00000	0.00000	100.83593				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			11.21000	103.72041	11.21000	103.68968				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	103.67414				0.00	0	0
Total IV035 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IV035										0.00	0	0
IV036 On 22/07/2021 Spot Bond				100.00000	0.00000	100.69379				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	101.71969				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			5.15000	94.99277	5.15000	132.69257				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	101.53398				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			11.56000	105.83742	11.56000	105.80511				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	99.91123				0.00	0	0
Total IV042 SPOT										0.00	0	0
Total For IV042										0.00	0	0
IV043 On 21/11/2021 Spot Bond			11.45000	106.37764	11.45000	106.34547				0.00	0	0
Total IV043 SPOT										0.00	0	0
Total For IV043										0.00	0	0
IV044 On 31/01/2022 Spot Bond				100.00000	0.00000	100.46690				0.00	0	0
Total IV044 SPOT										0.00	0	0
Total For IV044										0.00	0	0
IV045 On 31/01/2022 Spot Bond			5.40000	131.37129	5.40000	131.33986				0.00	0	0
Total IV045 SPOT										0.00	0	0
Total For IV045										0.00	0	0
IV046 On 21/06/2022 Spot Bond				100.00000	0.00000	101.72608				0.00	0	25,000,000
Total IV046 SPOT										0.00	0	25,000,000
Total For IV046										0.00	0	25,000,000
IV08 On 30/04/2018 Spot Bond			8.80500	107.30198	8.80500	107.27686				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	100.95764				0.00	0	0
Total IV09 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For IV09									0.00	0	0
IV100U On 19/12/2021 Spot Bond			100.00000	4.92933	100.00000	4.91997			0.00	0	0
Total IV100U SPOT									0.00	0	0
Total For IV100U									0.00	0	0
IV115U On 28/06/2022 Spot Bond			100.00000	3.42975	100.00000	3.42324			0.00	0	0
Total IV115U SPOT									0.00	0	0
Total For IV115U									0.00	0	0
IV118U On 30/03/2020 Spot Bond			100.00000	8.77682	100.00000	100.00000		500,000,000,000,000.00	5,000,000,000	5,000,000,000	
Total IV118U SPOT								10,000,000,000,000.00	5,000,000,000	5,000,000,000	
Total For IV118U								10,000,000,000,000.00	5,000,000,000	5,000,000,000	
IV19A On 31/03/2028 Spot Bond			4.47000	154.80201	4.47000	154.76871			0.00	0	0
Total IV19A SPOT									0.00	0	0
Total For IV19A									0.00	0	0
IVA686 On 17/08/2017 Spot Bond			7.35000	99.97987	7.35000	99.85924			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			7.35000	99.83916	7.35000	99.71887			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			7.35000	99.55894	7.35000	99.43933			0.00	0	0
Total IVA689 SPOT									0.00	0	0
Total For IVA689									0.00	0	0
IVA690 On 14/09/2017 Spot Bond			7.45000	99.41157	7.45000	99.29068			0.00	0	0
Total IVA690 SPOT									0.00	0	0
Total For IVA690									0.00	0	0
IVA691 On 21/09/2017 Spot Bond			7.45000	99.27057	7.45000	99.15003			0.00	0	0
Total IVA691 SPOT									0.00	0	0
Total For IVA691									0.00	0	0
IVA694 On 12/10/2017 Spot Bond			7.45000	98.84996	7.45000	98.73043			0.00	0	1,500,000,000
Total IVA694 SPOT									0.00	0	1,500,000,000
Total For IVA694									0.00	0	1,500,000,000
IVA695 On 19/10/2017 Spot Bond			7.60000	98.68492	7.60000	98.56340			0.00	0	0
Total IVA695 SPOT									0.00	0	0
Total For IVA695									0.00	0	0
IVA696 On 26/10/2017 Spot Bond			7.60000	98.54318	7.60000	98.42201			0.00	0	0
Total IVA696 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For IVA696									0.00	0	0
IVA697 On 02/11/2017 Spot Bond			7.60000	98.40185	7.60000	98.28102			0.00	0	0
Total IVA697 SPOT									0.00	0	0
Total For IVA697									0.00	0	0
IVA698 On 09/11/2019 Spot Bond			7.60000	83.25428	7.60000	98.14044			0.00	0	0
Total IVA698 SPOT									0.00	0	0
Total For IVA698									0.00	0	0
IVC005 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400			0.00	0	0
Total IVC005/JIBAR SPOT									0.00	0	0
Total For IVC005/JIBAR									0.00	0	0
IVC027 On 03/04/2019 Spot Bond				100.00000	0.00000	101.12509			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	101.17687			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	101.20177			0.00	0	0
Total IVC034 SPOT									0.00	0	0
Total For IVC034									0.00	0	0
IVC035 On 30/06/2019 Spot Bond				100.00000	0.00000	97.09992			0.00	0	0
Total IVC035 SPOT									0.00	0	0
Total For IVC035									0.00	0	0
IVC036 On 16/07/2019 Spot Bond			8.87500	101.48516	8.87500	101.46122			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	29.13161	100.00000	29.06749			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	30.27713	100.00000	30.20379			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			9.08000	101.45048	9.08000	101.42600			0.00	0	0
Total IVC040 SPOT									0.00	0	0
Total For IVC040									0.00	0	0
IVC046 On 24/10/2017 Spot Bond				100.00000	0.00000	100.57452			0.00	0	0
Total IVC046 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC046										0.00	0	0
IVC048 On 06/11/2017 Spot Bond				100.00000	0.00000	100.32506				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	99.86074				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	101.81057				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	100.30002				0.00	0	0
Total IVC051 SPOT										0.00	0	0
Total For IVC051										0.00	0	0
IVC053 On 11/02/2018 Spot Bond				100.00000	0.00000	100.09286				0.00	0	0
Total IVC053 SPOT										0.00	0	0
Total For IVC053										0.00	0	0
IVC055 On 26/03/2020 Spot Bond				100.00000	0.00000	101.32096				0.00	0	100,000,000
Total IVC055 SPOT										0.00	0	100,000,000
Total For IVC055										0.00	0	100,000,000
IVC060 On 31/07/2018 Spot Bond				100.00000	0.00000	100.37494				0.00	0	100,000,000
Total IVC060 SPOT										0.00	0	100,000,000
Total For IVC060										0.00	0	100,000,000
IVC061 On 01/07/2018 Spot Bond				100.00000	0.00000	101.23643				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	100.20873				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	101.72897				0.00	0	0
Total IVC064 SPOT										0.00	0	0
Total For IVC064										0.00	0	0
IVC065 On 10/09/2018 Spot Bond				100.00000	0.00000	101.66442				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	93.75296	100.00000	93.51799				0.00	0	0
Total IVC066 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC066										0.00	0	0
IVC067 On 04/11/2017 Spot Bond				100.00000	0.00000	100.42010				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	101.33402				0.00	0	0
Total IVC070 SPOT										0.00	0	0
Total For IVC070										0.00	0	0
IVC075 On 21/04/2019 Spot Bond				100.00000	0.00000	100.64762				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	100.40909				0.00	0	0
Total IVC077 SPOT										0.00	0	0
Total For IVC077										0.00	0	0
IVC081 On 14/07/2019 Spot Bond				100.00000	0.00000	100.88260				0.00	0	0
Total IVC081 SPOT										0.00	0	0
Total For IVC081										0.00	0	0
IVC086 On 15/08/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC086 SPOT										0.00	0	0
Total For IVC086										0.00	0	0
IVC087 On 10/10/2017 Spot Bond				100.00000	0.00000	100.96938				0.00	0	0
Total IVC087 SPOT										0.00	0	0
Total For IVC087										0.00	0	0
IVC088 On 12/04/2018 Spot Bond				100.00000	0.00000	100.85258				0.00	0	0
Total IVC088 SPOT										0.00	0	0
Total For IVC088										0.00	0	0
IVC089 On 31/10/2017 Spot Bond				100.00000	0.00000	100.45050				0.00	0	0
Total IVC089 SPOT										0.00	0	0
Total For IVC089										0.00	0	0
IVC090 On 31/10/2017 Spot Bond				100.00000	0.00000	100.43574				0.00	0	0
Total IVC090 SPOT										0.00	0	0
Total For IVC090										0.00	0	0
IVC092 On 24/11/2019 Spot Bond				100.00000	0.00000	99.78328				0.00	0	0
Total IVC092 SPOT										0.00	0	0
Total For IVC092										0.00	0	0
IVC093 On 24/11/2018 Spot Bond				100.00000	0.00000	99.79289				0.00	0	0
Total IVC093 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC093										0.00	0	0
IVC094 On 06/12/2021 Spot Bond			9.93000	105.05330	9.93000	105.02548				0.00	0	0
Total IVC094 SPOT										0.00	0	0
Total For IVC094										0.00	0	0
IVC097 On 29/06/2021 Spot Bond				100.00000	0.00000	101.28647				0.00	0	0
Total IVC097 SPOT										0.00	0	0
Total For IVC097										0.00	0	0
IVC098 On 14/06/2018 Spot Bond			8.27500	102.06882	8.27500	102.04620				0.00	0	0
Total IVC098 SPOT										0.00	0	0
Total For IVC098										0.00	0	0
IVC101 On 24/01/2018 Spot Bond				100.00000	0.00000	100.51421				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	100.41500				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	101.30554				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	101.77907				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	101.64050				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	101.29282				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	100.40421				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	99.85139				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			9.58000	102.92235	9.58000	102.89619				0.00	0	0
Total IVC110 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC110										0.00	0	0
IVC111 On 19/05/2020 Spot Bond				100.00000	0.00000	99.86737				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	99.80162				0.00	0	0
Total IVC112 SPOT										0.00	0	0
Total For IVC112										0.00	0	0
IVC113 On 26/08/2018 Spot Bond				100.00000	0.00000	102.05646				0.00	0	0
Total IVC113 SPOT										0.00	0	0
Total For IVC113										0.00	0	0
IVC114 On 14/09/2021 Spot Bond				100.00000	0.00000	101.65784				0.00	0	0
Total IVC114 SPOT										0.00	0	0
Total For IVC114										0.00	0	0
IVC68U On 07/12/2020 Spot Bond			100.00000	10.08589	100.00000	10.06676				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	63.51595	100.00000	63.36208				0.00	0	0
Total IVC73U SPOT										0.00	0	0
Total For IVC73U										0.00	0	0
IVC74U On 22/09/2017 Spot Bond			100.00000	92.77832	100.00000	92.54811				0.00	0	0
Total IVC74U SPOT										0.00	0	0
Total For IVC74U										0.00	0	0
IVC80U On 27/05/2021 Spot Bond			100.00000	7.28927	100.00000	7.27544				0.00	0	0
Total IVC80U SPOT										0.00	0	0
Total For IVC80U										0.00	0	0
IVC84U On 01/08/2021 Spot Bond			100.00000	6.43059	100.00000	6.41839				0.00	0	0
Total IVC84U SPOT										0.00	0	0
Total For IVC84U										0.00	0	0
IVC85U On 12/08/2021 Spot Bond			100.00000	6.29766	100.00000	6.28571				0.00	0	0
Total IVC85U SPOT										0.00	0	0
Total For IVC85U										0.00	0	0
IVC91U On 07/11/2021 Spot Bond			100.00000	5.33859	100.00000	5.32846				0.00	0	0
Total IVC91U SPOT										0.00	0	0
Total For IVC91U										0.00	0	0
IVC95U On 02/12/2021 Spot Bond			100.00000	5.09106	100.00000	5.08140				0.00	0	0
Total IVC95U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For IVC95U										0.00	0	0
IVC96U On 02/12/2021 Spot Bond			100.00000	5.09106	100.00000	5.08140				0.00	0	0
Total IVC96U SPOT										0.00	0	0
Total For IVC96U										0.00	0	0
IVC99U On 14/12/2021 Spot Bond			100.00000	4.97635	100.00000	4.96691				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	100.43105				0.00	0	0
Total JAS01 SPOT										0.00	0	0
Total For JAS01										0.00	0	0
JIBAR On 15/03/2060 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total JIBAR SPOT										0.00	0	0
Total For JIBAR										0.00	0	0
KAP002 On 13/06/2019 Spot Bond				100.00000	0.00000	101.64737				0.00	400,000,000	200,000,000
Total KAP002 SPOT										0.00	400,000,000	200,000,000
Total For KAP002										0.00	400,000,000	200,000,000
KAP003 On 06/06/2019 Spot Bond				100.00000	0.00000	101.82337				0.00	0	0
Total KAP003 SPOT										0.00	0	0
Total For KAP003										0.00	0	0
KAP005 On 29/06/2018 Spot Bond				100.00000	0.00000	101.21025				0.00	0	0
Total KAP005 SPOT										0.00	0	0
Total For KAP005										0.00	0	0
KAP006 On 29/06/2021 Spot Bond				100.00000	0.00000	101.28011				0.00	0	0
Total KAP006 SPOT										0.00	0	0
Total For KAP006										0.00	0	0
KAP007 On 26/10/2021 Spot Bond			9.48000	105.64157	9.48000	105.61484				0.00	0	0
Total KAP007 SPOT										0.00	0	0
Total For KAP007										0.00	0	0
KAP008 On 28/11/2019 Spot Bond				100.00000	0.00000	102.01298				0.00	0	0
Total KAP008 SPOT										0.00	0	0
Total For KAP008										0.00	0	0
KAP009 On 24/05/2020 Spot Bond				100.00000	0.00000	99.78937				0.00	0	0
Total KAP009 SPOT										0.00	0	0
Total For KAP009										0.00	0	0
KAP04U On 01/07/2019 Spot Bond			100.00000	32.26485	100.00000	32.18669				0.00	0	0
Total KAP04U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For KAP04U										0.00	0	0
KSB00 On 31/08/2017 Spot Bond				100.00000	0.00000	104.62905				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	100.40434				0.00	0	0
Total KSB008 SPOT										0.00	0	0
Total For KSB008										0.00	0	0
KSB00 On 05/08/2020 Spot Bond				100.00000	0.00000	100.24215				0.00	0	0
Total KSB009 SPOT										0.00	0	0
Total For KSB009										0.00	0	0
KST01 On 12/07/2020 Spot Bond				100.00000	0.00000	100.94228				0.00	0	0
Total KST01 SPOT										0.00	0	0
Total For KST01										0.00	0	0
KW01 On 31/10/2027 Spot Bond			8.99000	133.64627	8.99000	133.61433				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	101.38521				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	101.33569				0.00	0	0
Total LBK07 SPOT										0.00	0	0
Total For LBK07										0.00	0	0
LBK08 On 30/10/2019 Spot Bond				100.00000	0.00000	100.37780				0.00	0	0
Total LBK08 SPOT										0.00	0	0
Total For LBK08										0.00	0	0
LBK08 On 30/10/2019 Spot Bond			100.00000	22.28725	100.00000	22.23326				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			9.56000	102.18422	9.56000	102.15830				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	102.06357	9.62000	102.03752				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	99.76455	9.71000	99.73842				0.00	0	0
Total LBK12U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For LBK12U										0.00	0	0
LBK14L On 31/03/2018 Spot Bond			100.00000	62.37742	100.00000	62.22631				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	101.01735				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	101.98947				0.00	0	0
Total LBK16 SPOT										0.00	0	0
Total For LBK16										0.00	0	0
LBK17 On 22/03/2020 Spot Bond				100.00000	0.00000	101.40541				0.00	0	0
Total LBK17 SPOT										0.00	0	0
Total For LBK17										0.00	0	0
LBK18 On 22/03/2022 Spot Bond				100.00000	0.00000	101.36121				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	101.31094				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			10.23500	101.76270	10.23500	101.73495				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			7.34500	99.93967	7.34500	99.95977				0.00	0	0
Total LGL02 SPOT										0.00	0	0
Total For LGL02										0.00	0	0
LGL03 On 03/04/2018 Spot Bond			8.87000	102.06278	8.87000	102.03858				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			9.26000	99.80511	9.26000	99.78057				0.00	0	580,000,000
Total LGL04 SPOT										0.00	0	580,000,000
Total For LGL04										0.00	0	580,000,000
LGL05 On 12/12/2021 Spot Bond				100.00000	0.00000	101.92829				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			9.77000	105.41464	9.77000	105.38717				0.00	0	2,500,000,000
Total LGL06 SPOT										0.00	0	2,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For LGL06										0.00	0	2,500,000,000
LGL07 On 04/10/2022 Spot Bond				100.00000	0.00000	101.34230				0.00	0	0
Total LGL07 SPOT										0.00	0	0
Total For LGL07										0.00	0	0
LHC011 On 12/07/2023 Spot Bond			100.00000	9.86291	100.00000	9.81954				0.00	0	0
Total LHC01U SPOT										0.00	0	0
Total For LHC01U										0.00	0	0
LHC021 On 12/07/2023 Spot Bond			100.00000	10.40708	100.00000	10.36131				0.00	0	0
Total LHC02U SPOT										0.00	0	0
Total For LHC02U										0.00	0	0
LHL17 On 14/11/2018 Spot Bond				100.00000	0.00000	100.03241				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			12.60500	104.15204	12.60500	104.11745				0.00	0	0
Total LHL18 SPOT										0.00	0	0
Total For LHL18										0.00	0	0
LHL19 On 14/11/2019 Spot Bond			13.56000	104.98618	13.56000	104.94875				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	101.70896				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	100.03381				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	101.18793				0.00	0	0
Total LOM01 SPOT										0.00	0	0
Total For LOM01										0.00	0	0
LRFA2 On 20/11/2019 Spot Bond				100.00000	0.00000	99.85460				0.00	0	0
Total LRFA2 SPOT										0.00	0	0
Total For LRFA2										0.00	0	0
LRFB2 On 20/11/2019 Spot Bond				100.00000	0.00000	100.20941				0.00	0	0
Total LRFB2 SPOT										0.00	0	0
Total For LRFB2										0.00	0	0
LRFC2 On 20/11/2019 Spot Bond				100.00000	0.00000	99.83575				0.00	0	0
Total LRFC2 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For LRFC2										0.00	0	0
MAQ09 On 10/11/2017 Spot Bond				100.00000	0.00000	100.01296				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	101.55104				0.00	0	0
Total MAQ093 SPOT										0.00	0	0
Total For MAQ093										0.00	0	0
MAQ09 On 01/02/2018 Spot Bond				100.00000	0.00000	100.31605				0.00	0	0
Total MAQ096 SPOT										0.00	0	0
Total For MAQ096										0.00	0	0
MAQ0A On 28/02/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total MAQ0A1 SPOT										0.00	0	0
Total For MAQ0A1										0.00	0	0
MAQ0A On 31/08/2017 Spot Bond				100.00000	0.00000	103.66533				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	103.54257				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	103.68633				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	103.55568				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	103.57854				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	103.46767				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	99.95847				0.00	0	0
Total MAQ101 SPOT										0.00	0	0
Total For MAQ101										0.00	0	0
MAQ10 On 15/09/2017 Spot Bond				100.00000	0.00000	99.35709				0.00	0	0
Total MAQ103 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For MAQ103									0.00	0	0
MAQ10 On 24/08/2017 Spot Bond				100.00000	0.00000	99.81978			0.00	0	0
Total MAQ104 SPOT									0.00	0	0
Total For MAQ104									0.00	0	0
MBF03 On 01/10/2017 Spot Bond				100.00000	0.00000	101.18520			0.00	0	300,000,000
Total MBF030 SPOT									0.00	0	300,000,000
Total For MBF030									0.00	0	300,000,000
MBF04 On 13/04/2018 Spot Bond				100.00000	0.00000	101.20689			0.00	500,000,000	533,000,000
Total MBF045 SPOT									0.00	500,000,000	533,000,000
Total For MBF045									0.00	500,000,000	533,000,000
MBF04 On 17/08/2018 Spot Bond				100.00000	0.00000	100.18631			0.00	0	0
Total MBF046 SPOT									0.00	0	0
Total For MBF046									0.00	0	0
MBF04 On 07/06/2019 Spot Bond				100.00000	0.00000	102.16586			0.00	0	0
Total MBF047 SPOT									0.00	0	0
Total For MBF047									0.00	0	0
MBF04 On 14/03/2019 Spot Bond				100.00000	0.00000	101.97216			0.00	0	0
Total MBF049 SPOT									0.00	0	0
Total For MBF049									0.00	0	0
MBF05 On 17/05/2019 Spot Bond				100.00000	0.00000	100.24731			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	32.61946	100.00000	32.54045			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	101.12817			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	102.02842			0.00	0	500,000,000
Total MBF053 SPOT									0.00	0	500,000,000
Total For MBF053									0.00	0	500,000,000
MBF05 On 27/03/2018 Spot Bond				100.00000	0.00000	101.14208			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	101.40593			0.00	0	0
Total MBF055 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For MBF055										0.00	0	0
MBLSA On 30/10/2017 Spot Bond			2.30000	99.52962	2.30000	98.47521				0.00	0	0
Total MBLSA2 SPOT										0.00	0	0
Total For MBLSA2										0.00	0	0
MBLSA On 11/12/2017 Spot Bond				100.00000	0.00000	97.81301				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	101.56932				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	100.87530				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	101.91499				0.00	0	0
Total MBP037 SPOT										0.00	0	0
Total For MBP037										0.00	0	0
MBP29 On 23/09/2017 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total MBP29U SPOT										0.00	0	0
Total For MBP29U										0.00	0	0
MBP30 On 24/10/2017 Spot Bond			100.00000	85.60995	100.00000	85.41315				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	85.62887	100.00000	85.43203				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	82.40117	100.00000	82.21887				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	100.34958				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			8.50500	103.79843	8.50500	103.77480				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	104.57744	8.00000	104.55502				0.00	0	0
Total MBSA01/R204 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For MBSA01/R204									0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.55500	103.50437	8.55500	103.48069			0.00	0	0
Total MBSA02 SPOT									0.00	0	0
Total For MBSA02									0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	102.96365	8.91000	102.93913			0.00	0	0
Total MBSA02/R204 SPOT									0.00	0	0
Total For MBSA02/R204									0.00	0	0
MEFSA On 05/01/2019 Spot Bond				100.00000	0.00000	101.08927			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	101.12578			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			8.52500	102.09336	8.52500	102.07020			0.00	0	0
Total MEFSB4 SPOT									0.00	0	0
Total For MEFSB4									0.00	0	0
MEFSB On 05/01/2022 Spot Bond			9.33500	103.50703	9.33500	103.48137			0.00	0	0
Total MEFSB5 SPOT									0.00	0	0
Total For MEFSB5									0.00	0	0
MFS1A On 20/12/2018 Spot Bond				100.00000	0.00000	101.35363			0.00	0	0
Total MFS1A2 SPOT									0.00	0	0
Total For MFS1A2									0.00	0	0
MFS1B On 20/09/2019 Spot Bond			9.36000	103.25617	9.36000	103.23021			0.00	0	0
Total MFS1B SPOT									0.00	0	0
Total For MFS1B									0.00	0	0
MMF10 On 15/12/2024 Spot Bond				100.00000	0.00000	100.86033			0.00	0	0
Total MMF101 SPOT									0.00	0	0
Total For MMF101									0.00	0	0
MMF20 On 15/12/2024 Spot Bond				100.00000	0.00000	100.92585			0.00	0	0
Total MMF201 SPOT									0.00	0	0
Total For MMF201									0.00	0	0
MMF30 On 15/12/2024 Spot Bond				100.00000	0.00000	101.16600			0.00	0	0
Total MMF301 SPOT									0.00	0	0
Total For MMF301									0.00	0	0
MMF40 On 15/12/2024 Spot Bond				100.00000	0.00000	101.16600			0.00	0	0
Total MMF401 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For MMF401										0.00	0	0
MMIG0 On 17/03/2019 Spot Bond				100.00000	0.00000	100.90838				0.00	0	0
Total MMIG01 SPOT										0.00	0	0
Total For MMIG01										0.00	0	0
MMIG0 On 17/03/2021 Spot Bond			9.21000	106.70324	9.21000	106.67714				0.00	0	400,000,000
Total MMIG02 SPOT										0.00	0	400,000,000
Total For MMIG02										0.00	0	400,000,000
MMIG0 On 01/06/2020 Spot Bond				100.00000	0.00000	101.51449				0.00	0	0
Total MMIG03 SPOT										0.00	0	0
Total For MMIG03										0.00	0	0
MMIG0 On 12/08/2025 Spot Bond			11.39000	99.65548	11.39000	99.62549				0.00	0	0
Total MMIG04 SPOT										0.00	0	0
Total For MMIG04										0.00	0	0
MMIG0 On 12/08/2022 Spot Bond			10.17000	102.76378	10.17000	102.73608				0.00	0	1,050,000,000
Total MMIG05 SPOT										0.00	0	1,050,000,000
Total For MMIG05										0.00	0	1,050,000,000
MTN06 On 13/07/2020 Spot Bond				100.00000	0.00000	100.88301				0.00	0	500,000,000
Total MTN06 SPOT										0.00	0	500,000,000
Total For MTN06										0.00	0	500,000,000
MTN07 On 13/07/2022 Spot Bond				100.00000	0.00000	100.90079				0.00	600,000,000	300,000,000
Total MTN07 SPOT										0.00	600,000,000	300,000,000
Total For MTN07										0.00	600,000,000	300,000,000
MTN08 On 20/04/2019 Spot Bond			100.00000	30.10462	100.00000	30.03169				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	36.16140	100.00000	36.08136				0.00	0	0
Total MTN09U SPOT										0.00	0	0
Total For MTN09U										0.00	0	0
MTNC1 On 15/11/2017 Spot Bond				100.00000	0.00000	102.10264				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	100.00003				0.00	0	0
Total MTNC19 SPOT										0.00	0	0
Total For MTNC19										0.00	0	0
MWA1L On 18/07/2021 Spot Bond			100.00000	13.60850	100.00000	13.57554				0.00	0	0
Total MWA1U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For MWA1U										0.00	0	0
MWAR On 22/11/2019 Spot Bond				100.00000	0.00000	99.82467				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	13.56648	100.89771	13.53335				0.00	0	0
Total N4A211 SPOT										0.00	0	0
Total For N4A211										0.00	0	0
N5C23 On 20/12/2018 Spot Bond				100.00000	0.00000	101.51802				0.00	0	0
Total N5C23 SPOT										0.00	0	0
Total For N5C23										0.00	0	0
N5D23 On 20/09/2019 Spot Bond				100.00000	0.00000	101.55729				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	110.82882				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	12.68854	100.00000	12.65780				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	13.54465	100.00000	13.51184				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			10.02000	94.91212	10.02000	94.88691				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			9.03000	102.63840	9.03000	102.61364				0.00	0	0
Total NAM02 SPOT										0.00	0	0
Total For NAM02										0.00	0	0
NAM03 On 01/08/2023 Spot Bond			9.62000	102.36225	9.62000	102.33612				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			10.39000	101.10740	10.39000	101.07957				0.00	0	0
Total NAM04 SPOT										0.00	0	0
Total For NAM04										0.00	0	0
NBK11/ On 28/11/2020 Spot Bond			8.52500	103.02691	8.52500	103.00354				0.00	0	0
Total NBK11A SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For NBK11A									0.00	0	0
NBK12, On 19/03/2021 Spot Bond			9.23500	104.24224	9.23500	104.21668			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	103.80710	9.38000	103.78125			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			9.32000	105.93537	9.32000	105.90915			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			8.71000	103.14900	8.71000	103.14227			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			9.26000	98.42277	9.26000	98.39856			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	101.88531			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			10.29000	95.73592	10.29000	95.70982			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			9.82500	103.84486	9.82500	103.81765			0.00	0	1,120,000,000
Total NBK17A SPOT									0.00	0	1,120,000,000
Total For NBK17A									0.00	0	1,120,000,000
NBK18, On 01/06/2020 Spot Bond			8.99000	102.55207	8.99000	102.52743			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			9.41000	102.84598	9.41000	102.82015			0.00	0	0
Total NBK19A SPOT									0.00	0	0
Total For NBK19A									0.00	0	0
NBK20, On 01/06/2026 Spot Bond			9.99000	104.25257	9.99000	104.22481			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	99.43853			0.00	0	0
Total NBK20B SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NBK20B										0.00	0	0
NBK21, On 21/07/2022 Spot Bond			11.04000	98.29772	11.04000	98.26901				0.00	0	0
Total NBK21A SPOT										0.00	0	0
Total For NBK21A										0.00	0	0
NBK21, On 10/11/2017 Spot Bond				100.00000	0.00000	100.09009				0.00	0	0
Total NBK21B SPOT										0.00	0	0
Total For NBK21B										0.00	0	0
NBK22, On 19/11/2022 Spot Bond			9.66000	104.06558	9.66000	104.03891				0.00	0	0
Total NBK22A SPOT										0.00	0	0
Total For NBK22A										0.00	0	0
NBK22, On 12/02/2018 Spot Bond				100.00000	0.00000	100.14171				0.00	0	345,000,000
Total NBK22B SPOT										0.00	0	345,000,000
Total For NBK22B										0.00	0	345,000,000
NBK23, On 19/11/2025 Spot Bond			10.24000	104.99153	10.24000	104.96305				0.00	0	0
Total NBK23A SPOT										0.00	0	0
Total For NBK23A										0.00	0	0
NBK23, On 12/02/2020 Spot Bond				100.00000	0.00000	100.13369				0.00	0	0
Total NBK23B SPOT										0.00	0	0
Total For NBK23B										0.00	0	0
NBK24, On 19/11/2027 Spot Bond			9.99000	108.59091	9.99000	108.56215				0.00	0	1,152,100,000
Total NBK24A SPOT										0.00	0	1,152,100,000
Total For NBK24A										0.00	0	1,152,100,000
NBK24, On 11/02/2022 Spot Bond				100.00000	0.00000	100.08810				0.00	0	0
Total NBK24B SPOT										0.00	0	0
Total For NBK24B										0.00	0	0
NBK25, On 17/02/2023 Spot Bond			9.56000	104.59478	9.56000	104.56781				0.00	0	0
Total NBK25A SPOT										0.00	0	0
Total For NBK25A										0.00	0	0
NBK25, On 12/02/2025 Spot Bond				100.00000	0.00000	99.96948				0.00	0	0
Total NBK25B SPOT										0.00	0	0
Total For NBK25B										0.00	0	0
NBK26, On 10/05/2023 Spot Bond			100.00000	14.10873	100.00000	14.07768				0.00	0	0
Total NBK26A SPOT										0.00	0	0
Total For NBK26A										0.00	0	0
NBK26, On 22/04/2026 Spot Bond				100.00000	0.00000	101.27693				0.00	0	0
Total NBK26B SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For NBK26B									0.00	0	0
NBK27 On 10/05/2026 Spot Bond			10.03000	109.35163	10.03000	109.32255			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	102.08760			0.00	500,000,000	500,000,000
Total NBK27B SPOT									0.00	500,000,000	500,000,000
Total For NBK27B									0.00	500,000,000	500,000,000
NBK28 On 02/08/2023 Spot Bond			9.57000	102.33708	9.57000	102.31108			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	99.86647			0.00	0	130,000,000
Total NBK28B SPOT									0.00	0	130,000,000
Total For NBK28B									0.00	0	130,000,000
NBK29 On 31/07/2026 Spot Bond			10.29000	101.65614	10.29000	101.62843			0.00	0	0
Total NBK29A SPOT									0.00	0	0
Total For NBK29A									0.00	0	0
NBK29I On 18/02/2019 Spot Bond				100.00000	0.00000	100.17362			0.00	0	0
Total NBK29B SPOT									0.00	0	0
Total For NBK29B									0.00	0	0
NBK30 On 20/02/2024 Spot Bond			9.36000	101.04707	9.36000	101.02154			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	99.93113			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	99.95039			0.00	0	0
Total NBK31B SPOT									0.00	0	0
Total For NBK31B									0.00	0	0
NBK32I On 26/02/2019 Spot Bond				100.00000	0.00000	101.96793			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	100.22001			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	100.02452			0.00	0	0
Total NBK34B SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NBK34B										0.00	0	0
NBK35I On 10/05/2023 Spot Bond				100.00000	0.00000	100.02723				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	100.03046				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	100.34328				0.00	0	0
Total NBK37B SPOT										0.00	0	0
Total For NBK37B										0.00	0	0
NBK38I On 02/08/2021 Spot Bond				100.00000	0.00000	100.31947				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			8.17500	110.93684	8.17500	110.91268				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	32.80649	100.00000	32.73427				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			11.16500	46.66915	11.16500	46.65562				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	100.38885				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	99.96092				0.00	0	0
Total NBK41B SPOT										0.00	0	0
Total For NBK41B										0.00	0	0
NBK42I On 21/02/2022 Spot Bond				100.00000	0.00000	102.08020				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	99.86230				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	100.76080				0.00	0	0
Total NBK7B SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For NBK7B										0.00	0	0
NCLN7 On 15/08/2017 Spot Bond				100.00000	0.00000	100.00000				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	101.40303				0.00	0	0
Total NCLN75 SPOT										0.00	0	0
Total For NCLN75										0.00	0	0
NCLN7 On 09/10/2017 Spot Bond				100.00000	0.00000	101.00108				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	101.46759				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	10.12883	100.00000	10.10430				0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			100.00000	10.12883	100.00000	10.10430				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			10.33500	105.82211	10.33500	105.79314				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	101.45999				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			10.37000	104.78991	10.37000	104.76113				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	101.46759				0.00	0	0
Total NCLN87 SPOT										0.00	0	0
Total For NCLN87										0.00	0	0
NCLN9 On 20/09/2024 Spot Bond				100.00000	0.00000	101.47964				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	101.49483				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	101.83750				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.93698				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	101.38221				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	100.93702				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	15.25977	100.00000	15.22280				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	12.88547	100.00000	12.85996				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	15.09600	100.00000	15.05943				0.00	0	0
Total NED03U SPOT										0.00	0	0
Total For NED03U										0.00	0	0
NED04 On 01/07/2022 Spot Bond			100.00000	15.90869	100.00000	15.87015				0.00	0	0
Total NED04U SPOT										0.00	0	0
Total For NED04U										0.00	0	0
NED13 On 25/07/2018 Spot Bond			100.00000		0.00000	101.24814				0.00	0	0
Total NED13 SPOT										0.00	0	0
Total For NED13										0.00	0	0
NED14 On 29/11/2018 Spot Bond			100.00000		0.00000	102.43099				0.00	0	0
Total NED14 SPOT										0.00	0	0
Total For NED14										0.00	0	0
NED15 On 08/04/2019 Spot Bond			9.05500	105.85016	9.05500	105.82455				0.00	0	0
Total NED15 SPOT										0.00	0	0
Total For NED15										0.00	0	0
NED16 On 08/04/2019 Spot Bond			100.00000		0.00000	101.14275				0.00	0	10,000,000
Total NED16 SPOT										0.00	0	10,000,000
Total For NED16										0.00	0	10,000,000
NED17 On 14/10/2019 Spot Bond			100.00000		0.00000	100.94076				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NED17 SPOT										0.00	0	0
Total For NED17										0.00	0	0
NED18 On 16/01/2020 Spot Bond				100.00000	0.00000	100.85878				0.00	0	0
Total NED18 SPOT										0.00	0	0
Total For NED18										0.00	0	0
NED19 On 01/07/2020 Spot Bond				100.00000	0.00000	102.56823				0.00	0	120,000,000
Total NED19 SPOT										0.00	0	120,000,000
Total For NED19										0.00	0	120,000,000
NED20 On 01/07/2020 Spot Bond			10.61000	103.03191	10.61000	103.00297				0.00	0	2,990,000,000
Total NED20 SPOT										0.00	0	2,990,000,000
Total For NED20										0.00	0	2,990,000,000
NEDT1.On 21/05/2021 Spot Bond				100.00000	0.00000	105.54846				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	103.02892				0.00	0	0
Total NEDT1B SPOT										0.00	0	0
Total For NEDT1B										0.00	0	0
NGL01 On 22/09/2021 Spot Bond				100.00000	0.00000	103.86989				0.00	0	0
Total NGL01 SPOT										0.00	0	0
Total For NGL01										0.00	0	0
NGL02 On 15/03/2022 Spot Bond				100.00000	0.00000	102.71775				0.00	0	0
Total NGL02 SPOT										0.00	0	0
Total For NGL02										0.00	0	0
NGL03 On 26/05/2022 Spot Bond				100.00000	0.00000	102.50930				0.00	0	0
Total NGL03 SPOT										0.00	0	0
Total For NGL03										0.00	0	0
NGLT1 On 01/07/2022 Spot Bond				100.00000	0.00000	101.67494				0.00	0	0
Total NGLT1A SPOT										0.00	0	0
Total For NGLT1A										0.00	0	0
NHM00 On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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	103.46670	13.50000	103.42999				0.00	0	0
Total NHM002 SPOT										0.00	0	0
Total For NHM002										0.00	0	0
NHM00 On 09/06/2019 Spot Bond				100.00000	0.00000	102.06348				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NHM003 SPOT										0.00	0	0
Total For NHM003										0.00	0	0
NILB11 On 31/01/2025 Spot Bond			3.35000	105.74432	3.35000	120.50902				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	170.23315	3.45000	170.20119				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			3.74000	117.37530	3.74000	117.35241				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			3.96000	162.02077	3.96000	161.98813				0.00	0	0
Total NILB14 SPOT										0.00	0	0
Total For NILB14										0.00	0	0
NILB15 On 31/03/2028 Spot Bond			4.03000	161.00719	4.03000	160.97445				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			3.87000	79.76333	3.87000	102.15358				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			8.41000	102.97628	8.41000	102.95323				0.00	0	0
Total NMP20N SPOT										0.00	0	0
Total For NMP20N										0.00	0	0
NQ1A1 On 22/05/2020 Spot Bond			9.04000	105.54529	9.04000	105.79193				0.00	0	0
Total NQ1A10 SPOT										0.00	0	0
Total For NQ1A10										0.00	0	0
NQ1A1 On 22/05/2018 Spot Bond				100.00000	0.00000	101.96252				0.00	0	0
Total NQ1A17 SPOT										0.00	0	0
Total For NQ1A17										0.00	0	0
NQ1A1 On 22/05/2050 Spot Bond				100.00000	0.00000	101.96380				0.00	0	0
Total NQ1A19 SPOT										0.00	0	0
Total For NQ1A19										0.00	0	0
NQ1A2 On 22/05/2019 Spot Bond				100.00000	0.00000	102.07732				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	101.96563				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	102.09341				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	102.14911				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	101.96563				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			9.24000	105.58385	9.24000	105.82844				0.00	0	0
Total NQ1B10 SPOT										0.00	0	0
Total For NQ1B10										0.00	0	0
NQ1B1 On 22/05/2018 Spot Bond				100.00000	0.00000	102.04895				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	102.14455				0.00	0	0
Total NQ1B17 SPOT										0.00	0	0
Total For NQ1B17										0.00	0	0
NQ1B1 On 22/05/2018 Spot Bond				100.00000	0.00000	102.01213				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			9.44000	105.62243	9.44000	105.86500				0.00	0	0
Total NQ1C10 SPOT										0.00	0	0
Total For NQ1C10										0.00	0	0
NQ1C1 On 22/05/2018 Spot Bond				100.00000	0.00000	102.03538				0.00	0	0
Total NQ1C15 SPOT										0.00	0	0
Total For NQ1C15										0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond				100.00000	0.00000	102.24449				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	102.08380				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	102.47688				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NQF1D5 SPOT										0.00	0	0
Total For NQF1D5										0.00	0	0
NQF1D On 22/05/2018 Spot Bond				100.00000	0.00000	102.08189				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	102.37432				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			8.28500	107.30384	8.28500	107.28003				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			9.21000	115.91480	9.21000	115.88644				0.00	0	0
Total NRA022 SPOT										0.00	0	0
Total For NRA022										0.00	0	0
NRA02: On 31/05/2023 Spot Bond			3.62000	175.51504	3.62000	175.48130				0.00	0	7,500,000,000
Total NRA023 SPOT										0.00	0	7,500,000,000
Total For NRA023										0.00	0	7,500,000,000
NRA02: On 30/11/2028 Spot Bond			11.09000	109.90425	11.09000	109.87184				0.00	0	5,540,000,000
Total NRA028 SPOT										0.00	0	5,540,000,000
Total For NRA028										0.00	0	5,540,000,000
NRA02: On 30/11/2028 Spot Bond			100.00000	14.53806	100.00000	14.50587				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	101.76406				0.00	0	0
Total NTC16 SPOT										0.00	0	0
Total For NTC16										0.00	0	0
NTC18 On 27/02/2019 Spot Bond				100.00000	0.00000	102.33619				0.00	1,800,000,000	900,000,000
Total NTC18 SPOT										0.00	1,800,000,000	900,000,000
Total For NTC18										0.00	1,800,000,000	900,000,000
NTC19 On 27/07/2020 Spot Bond				100.00000	0.00000	100.47637				0.00	0	0
Total NTC19 SPOT										0.00	0	0
Total For NTC19										0.00	0	0
NTC20 On 27/07/2020 Spot Bond				100.00000	0.00000	100.72289				0.00	500,000,000	500,000,000
Total NTC20 SPOT										0.00	500,000,000	500,000,000
Total For NTC20										0.00	500,000,000	500,000,000
NTC21 On 24/03/2022 Spot Bond				100.00000	0.00000	100.48657				0.00	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
Total NTC21 SPOT										0.00	600,000,000	300,000,000
Total For NTC21										0.00	600,000,000	300,000,000
OML02 On 27/11/2019 Spot Bond				100.00000	0.00000	102.59919				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			9.56000	101.39869	9.56000	101.37296				0.00	0	0
Total OML03 SPOT										0.00	0	0
Total For OML03										0.00	0	0
OML04 On 19/03/2020 Spot Bond				100.00000	0.00000	101.65332				0.00	0	0
Total OML04 SPOT										0.00	0	0
Total For OML04										0.00	0	0
OML05 On 19/03/2020 Spot Bond			9.74000	104.00556	9.74000	103.97869				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			10.50000	103.54371	10.50000	103.51492				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			11.49000	101.77962	11.49000	101.74873				0.00	0	960,000,000
Total OML07 SPOT										0.00	0	960,000,000
Total For OML07										0.00	0	960,000,000
OML08 On 14/09/2020 Spot Bond				100.00000	0.00000	101.92475				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			10.49000	106.15553	10.49000	106.12604				0.00	0	1,000,000,000
Total OML09 SPOT										0.00	0	1,000,000,000
Total For OML09										0.00	0	1,000,000,000
OML10 On 14/09/2025 Spot Bond			11.49000	104.03505	11.49000	104.00348				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	110.53300	10.00000	110.50400				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	101.67952				0.00	0	0
Total PMM29 SPOT										0.00	0	0
Total For PMM29										0.00	0	0
PMM30 On 07/09/2017 Spot Bond				100.00000	0.00000	101.65937				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total PMM30 SPOT										0.00	0	0
Total For PMM30										0.00	0	0
PMM33 On 01/09/2017 Spot Bond				100.00000	0.00000	101.71869				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	101.33553				0.00	0	0
Total PMM34 SPOT										0.00	0	0
Total For PMM34										0.00	0	0
PMM35 On 06/11/2017 Spot Bond				100.00000	0.00000	100.17548				0.00	0	0
Total PMM35 SPOT										0.00	0	0
Total For PMM35										0.00	0	0
PMM36 On 04/05/2018 Spot Bond				100.00000	0.00000	100.25501				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	101.87656				0.00	0	0
Total PMM37 SPOT										0.00	0	0
Total For PMM37										0.00	0	0
PMM38 On 12/06/2020 Spot Bond				100.00000	0.00000	101.59101				0.00	0	0
Total PMM38 SPOT										0.00	0	0
Total For PMM38										0.00	0	0
PPC00: On 31/12/2018 Spot Bond				100.00000	0.00000	98.00157				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	97.37142				0.00	0	0
Total PPC003 SPOT										0.00	0	0
Total For PPC003										0.00	0	0
PRE1A: On 27/01/2018 Spot Bond				100.00000	0.00000	100.51251				0.00	0	0
Total PRE1A3 SPOT										0.00	0	0
Total For PRE1A3										0.00	0	0
PRE1B On 27/01/2018 Spot Bond				100.00000	0.00000	100.46038				0.00	0	0
Total PRE1B1 SPOT										0.00	0	0
Total For PRE1B1										0.00	0	0
PRE1C On 27/01/2018 Spot Bond				100.00000	0.00000	100.50416				0.00	0	0
Total PRE1C1 SPOT										0.00	0	0
Total For PRE1C1										0.00	0	0
PRE1D On 27/01/2018 Spot Bond				100.00000	0.00000	100.51433				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	99.87438				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	99.86790				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	99.86223				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	99.85090				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	99.84928				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	99.84767				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			8.63000	113.41481	8.59000	113.66190			982,363,962,507,000.00	1,620,204,398,900	1,919,019,222,200	
Total R186 SPOT									12,363,962,507,000.00	620,204,398,900	919,019,222,200	
Total For R186									12,363,962,507,000.00	620,204,398,900	919,019,222,200	
R197 On 07/12/2023 Spot Bond			2.42000	296.30511	2.42000	296.25767			573,754,412,000.00	237,088,600	47,824,026,700	
Total R197 SPOT									573,754,412,000.00	237,088,600	47,824,026,700	
Total For R197									573,754,412,000.00	237,088,600	47,824,026,700	
R202 On 07/12/2033 Spot Bond			2.52000	238.37900	2.52000	238.34020			236,543,097,168,000.00	93,866,308,400	202,299,068,700	
Total R202 SPOT									16,543,097,168,000.00	93,866,308,400	202,299,068,700	
Total For R202									16,543,097,168,000.00	93,866,308,400	202,299,068,700	
R203 On 28/02/2023 Spot Bond			7.95000	102.67099	7.92000	102.78106			150,413,137,250,000.00	144,706,055,000	684,216,200,000	
Total R203 SPOT									10,413,137,250,000.00	144,706,055,000	684,216,200,000	
Total For R203									10,413,137,250,000.00	144,706,055,000	684,216,200,000	
R203 On 15/09/2017 Spot Bond			6.97000	103.53189	6.97000	103.51224			1,343,119,000,000.00	192,700,000	453,380,000,000	
Total R203 SPOT									1,343,119,000,000.00	192,700,000	453,380,000,000	
Total For R203									1,343,119,000,000.00	192,700,000	453,380,000,000	
R2030 On 31/01/2030 Spot Bond			9.13500	91.99975	9.13500	91.97743			139,040,132,171,000.00	453,096,894,600	646,405,951,800	

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 R2030 SPOT									19,040,132,171,000.00	453,096,894,600	546,405,951,800
Total For R2030									19,040,132,171,000.00	453,096,894,600	546,405,951,800
R2032 On 31/03/2032 Spot Bond			9.36500	94.30976	9.36500	94.28619			650,808,188,786,000.00	603,396,496,400	450,470,259,400
Total R2032 SPOT									10,808,188,786,000.00	603,396,496,400	450,470,259,400
Total For R2032									10,808,188,786,000.00	603,396,496,400	450,470,259,400
R2035 On 28/02/2035 Spot Bond			9.61000	97.89374	9.61000	97.86877			359,609,389,578,000.00	349,595,149,800	320,712,401,500
Total R2035 SPOT									19,609,389,578,000.00	349,595,149,800	320,712,401,500
Total For R2035									19,609,389,578,000.00	349,595,149,800	320,712,401,500
R2037 On 31/01/2037 Spot Bond			9.70000	89.94947	9.70000	89.92632			411,795,340,380,000.00	557,917,045,400	654,459,900,000
Total R2037 SPOT									11,795,340,380,000.00	557,917,045,400	654,459,900,000
Total For R2037									11,795,340,380,000.00	557,917,045,400	654,459,900,000
R204 On 21/12/2018 Spot Bond			7.11500	102.32714	7.10500	102.32037			10,983,952,721,500.00	1,543,774,100	271,590,226,800
Total R204 SPOT									10,983,952,721,500.00	1,543,774,100	271,590,226,800
Total For R204									10,983,952,721,500.00	1,543,774,100	271,590,226,800
R2040 On 31/01/2040 Spot Bond			9.83000	92.91794	9.83000	92.89371			287,602,186,544,000.00	537,904,596,800	634,734,628,600
Total R2040 SPOT									17,602,186,544,000.00	537,904,596,800	634,734,628,600
Total For R2040									17,602,186,544,000.00	537,904,596,800	634,734,628,600
R2044 On 31/01/2044 Spot Bond			9.86000	89.99675	9.86000	89.97322			051,207,664,600,000.00	309,453,110,000	619,241,178,700
Total R2044 SPOT									11,207,664,600,000.00	309,453,110,000	619,241,178,700
Total For R2044									11,207,664,600,000.00	309,453,110,000	619,241,178,700
R2048 On 28/02/2048 Spot Bond			9.82000	93.69741	9.82000	93.67301			288,334,660,588,000.00	334,860,963,400	674,649,900,000
Total R2048 SPOT									18,334,660,588,000.00	334,860,963,400	674,649,900,000
Total For R2048									18,334,660,588,000.00	334,860,963,400	674,649,900,000
R207 On 15/01/2020 Spot Bond			7.39500	100.30586	7.36000	100.36214			406,845,288,549,000.00	55,016,266,200	440,112,618,715
Total R207 SPOT									16,845,288,549,000.00	55,016,266,200	440,112,618,715
Total For R207									16,845,288,549,000.00	55,016,266,200	440,112,618,715
R208 On 31/03/2021 Spot Bond			7.54500	100.05375	7.51000	100.14121			559,461,089,812,500.00	74,149,912,500	495,467,953,200
Total R208 SPOT									19,461,089,812,500.00	74,149,912,500	495,467,953,200
Total For R208									19,461,089,812,500.00	74,149,912,500	495,467,953,200
R209 On 31/03/2036 Spot Bond			9.62000	73.40058	9.58000	73.64902			934,772,738,140,000.00	720,870,347,000	868,623,722,900
Total R209 SPOT									14,772,738,140,000.00	720,870,347,000	868,623,722,900
Total For R209									14,772,738,140,000.00	720,870,347,000	868,623,722,900
R210 On 31/03/2028 Spot Bond			2.47000	185.44880	2.47000	185.41887			523,801,538,000.00	212,065,400	88,574,533,900
Total R210 SPOT									523,801,538,000.00	212,065,400	88,574,533,900
Total For R210									523,801,538,000.00	212,065,400	88,574,533,900
R212 On 31/01/2022 Spot Bond			2.41000	148.64769	2.40000	148.68603			309,534,191,840,000.00	128,437,424,000	153,695,526,600

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R212 SPOT									19,534,191,840,000.00	128,437,424,000	153,695,526,600
Total For R212									19,534,191,840,000.00	128,437,424,000	153,695,526,600
R213 On 28/02/2031 Spot Bond			9.28000	85.83327	9.24000	86.07993			462,725,786,496,000.00	157,621,313,200	405,582,700,000
Total R213 SPOT									2,725,786,496,000.00	157,621,313,200	405,582,700,000
Total For R213									2,725,786,496,000.00	157,621,313,200	405,582,700,000
R214 On 28/02/2041 Spot Bond			9.75000	73.19085	9.75000	73.17191			118,857,715,350,000.00	319,882,842,600	803,431,747,100
Total R214 SPOT									18,857,715,350,000.00	319,882,842,600	303,431,747,100
Total For R214									18,857,715,350,000.00	319,882,842,600	303,431,747,100
RCG01 On 24/10/2019 Spot Bond				100.00000	0.00000	100.53914			0.00	0	0
Total RCG01B SPOT									0.00	0	0
Total For RCG01B									0.00	0	0
RCG01 On 24/10/2017 Spot Bond				100.00000	0.00000	100.50003			0.00	0	0
Total RCG01C SPOT									0.00	0	0
Total For RCG01C									0.00	0	0
RCSB0 On 12/04/2018 Spot Bond				100.00000	0.00000	101.60837			0.00	1,760,000,000	880,000,000
Total RCSB05 SPOT									0.00	1,760,000,000	880,000,000
Total For RCSB05									0.00	1,760,000,000	880,000,000
RCSB0 On 10/12/2017 Spot Bond				100.00000	0.00000	101.95829			0.00	0	0
Total RCSB07 SPOT									0.00	0	0
Total For RCSB07									0.00	0	0
RCSB6 On 31/03/2018 Spot Bond			100.00000	62.14497	100.00000	61.99443			0.00	0	0
Total RCSB6U SPOT									0.00	0	0
Total For RCSB6U									0.00	0	0
RDF01 On 04/09/2017 Spot Bond			100.00000	96.93720	100.00000	96.68542			0.00	0	0
Total RDF01U SPOT									0.00	0	0
Total For RDF01U									0.00	0	0
RDF02 On 04/12/2020 Spot Bond			100.00000	12.99987	100.00000	12.96343			0.00	0	0
Total RDF02U SPOT									0.00	0	0
Total For RDF02U									0.00	0	0
RDF03 On 04/04/2018 Spot Bond			100.00000	62.34452	100.00000	62.18376			0.00	0	0
Total RDF03U SPOT									0.00	0	0
Total For RDF03U									0.00	0	0
RDF04 On 04/10/2018 Spot Bond			100.00000	41.62952	100.00000	41.52218			0.00	0	0
Total RDF04U SPOT									0.00	0	0
Total For RDF04U									0.00	0	0
RDF05 On 04/12/2019 Spot Bond			100.00000	20.93174	100.00000	20.87777			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.59470				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	102.15144				0.00	0	0
Total RDFB04 SPOT										0.00	0	0
Total For RDFB04										0.00	0	0
RDFB0 On 27/11/2019 Spot Bond				100.00000	0.00000	103.06471				0.00	0	0
Total RDFB05 SPOT										0.00	0	0
Total For RDFB05										0.00	0	0
RDFB0 On 22/03/2019 Spot Bond				100.00000	0.00000	102.00614				0.00	0	0
Total RDFB06 SPOT										0.00	0	0
Total For RDFB06										0.00	0	0
RDFB0 On 22/03/2019 Spot Bond			100.00000	32.37006	100.00000	32.29163				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	101.66044				0.00	0	500,000,000
Total RDFB07 SPOT										0.00	0	500,000,000
Total For RDFB07										0.00	0	500,000,000
RDFB0 On 30/09/2021 Spot Bond				100.00000	0.00000	101.29385				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	101.88777				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	101.44493				0.00	0	0
Total RDFB10 SPOT										0.00	0	0
Total For RDFB10										0.00	0	0
RDFB1 On 27/03/2022 Spot Bond				100.00000	0.00000	101.26286				0.00	0	0
Total RDFB11 SPOT										0.00	0	0
Total For RDFB11										0.00	0	0
RDFC3 On 05/10/2017 Spot Bond				100.00000	0.00000	100.99575				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	101.16033				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.71622				0.00	0	0
Total RDFC38 SPOT										0.00	0	0
Total For RDFC38										0.00	0	0
RDFC3 On 27/07/2018 Spot Bond				100.00000	0.00000	100.43301				0.00	0	0
Total RDFC39 SPOT										0.00	0	0
Total For RDFC39										0.00	0	0
REB01 On 21/05/2018 Spot Bond				100.00000	0.00000	99.93483				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	66.48283	100.00000	66.32177				0.00	0	0
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	99.85927				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	99.95559				0.00	0	0
Total REBC05 SPOT										0.00	0	0
Total For REBC05										0.00	0	0
RED20 On 05/07/2018 Spot Bond				100.00000	0.00000	101.37772				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	101.44933				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	101.73014				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	101.43222				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	101.87853				0.00	0	0
Total RED301 SPOT										0.00	0	0
Total For RED301										0.00	0	0
RES011On 02/03/2018 Spot Bond			100.00000	65.86348	100.00000	65.70392				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total RES01U SPOT										0.00	0	0
Total For RES01U										0.00	0	0
RES02I On 02/03/2019 Spot Bond			100.00000	32.40732	100.00000	32.32881				0.00	0	0
Total RES02U SPOT										0.00	0	0
Total For RES02U										0.00	0	0
RES03I On 02/03/2020 Spot Bond			100.00000	18.74650	100.00000	18.70109				0.00	0	0
Total RES03U SPOT										0.00	0	0
Total For RES03U										0.00	0	0
RES04I On 02/03/2021 Spot Bond			100.00000	13.24735	100.00000	13.21526				0.00	0	0
Total RES04U SPOT										0.00	0	0
Total For RES04U										0.00	0	0
RES15 On 12/11/2017 Spot Bond				100.00000	0.00000	100.09501				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	100.19593				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	101.74393				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	100.89895				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	100.91966				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	99.76718				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	100.61941				0.00	0	0
Total RES36 SPOT										0.00	0	0
Total For RES36										0.00	0	0
RES38 On 01/08/2020 Spot Bond				100.00000	0.00000	100.34787				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	56.84073	100.00000	56.66327				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total RES39U SPOT										0.00	0	0
Total For RES39U										0.00	0	0
RMB10€ On 24/07/2038 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total RMB10€ SPOT										0.00	0	0
Total For RMB10€										0.00	0	0
RP014 On 27/09/2019 Spot Bond				100.00000	0.00000	81.63340				0.00	0	0
Total RP014 SPOT										0.00	0	0
Total For RP014										0.00	0	0
RPP011 On 31/08/2018 Spot Bond			100.00000	48.90388	100.00000	48.78668				0.00	0	0
Total RPP011 SPOT										0.00	0	0
Total For RPP011										0.00	0	0
RPP081 On 30/04/2020 Spot Bond			100.00000	19.78712	100.00000	19.73919				0.00	0	0
Total RPP081 SPOT										0.00	0	0
Total For RPP081										0.00	0	0
RPS001 On 16/11/2022 Spot Bond				100.00000	0.00000	104.37025				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	46.10468				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			9.18000	105.58217	9.18000	105.55629				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			9.60000	101.29606	9.60000	101.27012				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			10.94000	97.39417	10.94000	97.36583				0.00	0	168,800,000
Total RW28 SPOT										0.00	0	168,800,000
Total For RW28										0.00	0	168,800,000
S1328L On 02/11/2017 Spot Bond			100.00000	82.39278	100.00000	82.20721				0.00	0	0
Total S1328L SPOT										0.00	0	0
Total For S1328L										0.00	0	0
SBK12/ On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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			8.07000	102.40733	8.07000	102.38521				0.00	0	1,384,677,200

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 SBK14 SPOT										0.00	0	1,384,677,200
Total For SBK14										0.00	0	1,384,677,200
SBK16 On 15/03/2018 Spot Bond				100.00000	0.00000	101.77616				0.00	0	0
Total SBK16 SPOT										0.00	0	0
Total For SBK16										0.00	0	0
SBK17 On 30/07/2019 Spot Bond				100.00000	0.00000	99.38420				0.00	0	0
Total SBK17 SPOT										0.00	0	0
Total For SBK17										0.00	0	0
SBK18 On 24/10/2020 Spot Bond				100.00000	0.00000	99.35345				0.00	1,490,000,000	1,490,000,000
Total SBK18 SPOT										0.00	1,490,000,000	1,490,000,000
Total For SBK18										0.00	1,490,000,000	1,490,000,000
SBK19 On 24/10/2019 Spot Bond				100.00000	0.00000	100.57169				0.00	0	0
Total SBK19 SPOT										0.00	0	0
Total For SBK19										0.00	0	0
SBK20 On 02/12/2019 Spot Bond				100.00000	0.00000	103.64928				0.00	0	0
Total SBK20 SPOT										0.00	0	0
Total For SBK20										0.00	0	0
SBK21 On 28/01/2020 Spot Bond				100.00000	0.00000	100.51990				0.00	0	0
Total SBK21 SPOT										0.00	0	0
Total For SBK21										0.00	0	0
SBK22 On 28/05/2020 Spot Bond				100.00000	0.00000	103.48991				0.00	200,000,000	100,000,000
Total SBK22 SPOT										0.00	200,000,000	100,000,000
Total For SBK22										0.00	200,000,000	100,000,000
SBK23 On 28/05/2022 Spot Bond			11.22000	103.70683	11.22000	103.67607				0.00	0	1,910,000,000
Total SBK23 SPOT										0.00	0	1,910,000,000
Total For SBK23										0.00	0	1,910,000,000
SBK24 On 19/10/2020 Spot Bond				100.00000	0.00000	102.89465				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	11.59272	100.00000	11.56462				0.00	0	0
Total SBK24/JIBAR SPOT										0.00	0	0
Total For SBK24/JIBAR										0.00	0	0
SBK25 On 25/04/2021 Spot Bond				100.00000	0.00000	102.93777				0.00	0	35,000,000
Total SBK25 SPOT										0.00	0	35,000,000
Total For SBK25										0.00	0	35,000,000
SBK26 On 25/04/2021 Spot Bond			11.25000	106.69676	11.25000	106.66485				0.00	0	376,300,000

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 SBK26 SPOT										0.00	0	376,300,000
Total For SBK26										0.00	0	376,300,000
SBK9 On 10/04/2018 Spot Bond			8.45500	102.88527	8.45500	102.86200				0.00	0	6,506,245,300
Total SBK9 SPOT										0.00	0	6,506,245,300
Total For SBK9										0.00	0	6,506,245,300
SBN33 On 15/09/2017 Spot Bond			8.37000	103.41357	8.37000	103.39003				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	101.50703				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			7.59000	103.65250	7.59000	103.63112				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	101.66290				0.00	0	0
Total SBS16 SPOT										0.00	0	0
Total For SBS16										0.00	0	0
SBS18 On 23/06/2021 Spot Bond				100.00000	0.00000	102.17812				0.00	0	0
Total SBS18 SPOT										0.00	0	0
Total For SBS18										0.00	0	0
SBS19 On 23/06/2021 Spot Bond			8.39000	107.27050	8.39000	107.24641				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			9.68000	104.66051	9.68000	104.63364				0.00	0	40,000,000
Total SBS20 SPOT										0.00	0	40,000,000
Total For SBS20										0.00	0	40,000,000
SBS21 On 15/05/2026 Spot Bond				100.00000	0.00000	101.45806				0.00	0	0
Total SBS21 SPOT										0.00	0	0
Total For SBS21										0.00	0	0
SBS24 On 24/05/2019 Spot Bond				100.00000	0.00000	100.76515				0.00	0	6,000,000,000
Total SBS24 SPOT										0.00	0	6,000,000,000
Total For SBS24										0.00	0	6,000,000,000
SBS25 On 24/05/2019 Spot Bond			7.97000	103.46338	7.97000	103.44140				0.00	0	0
Total SBS25 SPOT										0.00	0	0
Total For SBS25										0.00	0	0
SBS27 On 20/02/2024 Spot Bond			9.17000	104.52012	9.17000	104.49423				0.00	0	154,100,000

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 SBS27 SPOT										0.00	0	154,100,000
Total For SBS27										0.00	0	154,100,000
SBS29 On 12/06/2019 Spot Bond			7.91000	102.82406	7.91000	102.80228				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			9.86000	92.22479	9.86000	92.20067				0.00	0	3,000,000,000
Total SBS3 SPOT										0.00	0	3,000,000,000
Total For SBS3										0.00	0	3,000,000,000
SBS30 On 12/06/2019 Spot Bond				100.00000	0.00000	101.53338				0.00	0	0
Total SBS30 SPOT										0.00	0	0
Total For SBS30										0.00	0	0
SBS31 On 12/06/2027 Spot Bond			9.91500	100.90639	9.91500	100.87972				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	101.31829				0.00	0	48,000,000
Total SBS32 SPOT										0.00	0	48,000,000
Total For SBS32										0.00	0	48,000,000
SBS33 On 19/09/2019 Spot Bond				100.00000	0.00000	101.38402				0.00	0	0
Total SBS33 SPOT										0.00	0	0
Total For SBS33										0.00	0	0
SBS34 On 19/09/2024 Spot Bond			9.89000	105.15101	9.89000	105.12343				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	100.59474				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	100.21443				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			8.16000	99.97949	8.16000	99.95776				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			9.47500	98.41059	9.47500	98.38584				0.00	0	0
Total SBS38 SPOT										0.00	0	0
Total For SBS38										0.00	0	0
SBS39 On 29/01/2030 Spot Bond			10.24000	96.78121	10.24000	96.75495				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SBS39 SPOT										0.00	0	0
Total For SBS39										0.00	0	0
SBS4 On 16/11/2021 Spot Bond			8.83000	101.32621	8.83000	101.30243				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	100.75752				0.00	0	0
Total SBS40 SPOT										0.00	0	0
Total For SBS40										0.00	0	0
SBS41 On 12/11/2022 Spot Bond			8.91500	106.95809	8.91500	106.93274				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			9.53500	108.95411	9.53500	108.92653				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			9.87000	108.82605	9.87000	108.79755				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	100.21026				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	100.66342				0.00	0	0
Total SBS45 SPOT										0.00	0	0
Total For SBS45										0.00	0	0
SBS46 On 15/02/2023 Spot Bond			8.97000	107.19557	8.97000	107.17001				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	100.54171				0.00	0	0
Total SBS47 SPOT										0.00	0	0
Total For SBS47										0.00	0	0
SBS48 On 31/01/2020 Spot Bond				100.00000	0.00000	100.13170				0.00	0	0
Total SBS48 SPOT										0.00	0	0
Total For SBS48										0.00	0	0
SBS49 On 31/01/2022 Spot Bond				100.00000	0.00000	100.36306				0.00	0	230,000,000
Total SBS49 SPOT										0.00	0	230,000,000
Total For SBS49										0.00	0	230,000,000
SBS50 On 31/01/2022 Spot Bond			9.02000	101.97065	9.02000	101.94620				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total SBS50 SPOT									0.00	0	0
Total For SBS50									0.00	0	0
SBS51 On 31/01/2024 Spot Bond			9.63000	101.10127	9.63000	101.07543			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	100.38369			0.00	0	0
Total SBS52 SPOT									0.00	0	0
Total For SBS52									0.00	0	0
SBS53 On 03/05/2027 Spot Bond				100.00000	0.00000	100.30196			0.00	0	0
Total SBS53 SPOT									0.00	0	0
Total For SBS53									0.00	0	0
SBS54 On 12/06/2020 Spot Bond				100.00000	0.00000	101.54519			0.00	0	0
Total SBS54 SPOT									0.00	0	0
Total For SBS54									0.00	0	0
SBS55 On 12/06/2022 Spot Bond				100.00000	0.00000	101.60082			0.00	0	0
Total SBS55 SPOT									0.00	0	0
Total For SBS55									0.00	0	0
SBS56 On 12/06/2022 Spot Bond			9.05000	101.18295	9.05000	101.15849			0.00	0	0
Total SBS56 SPOT									0.00	0	0
Total For SBS56									0.00	0	0
SBS57 On 12/06/2024 Spot Bond				100.00000	0.00000	101.61824			0.00	0	0
Total SBS57 SPOT									0.00	0	0
Total For SBS57									0.00	0	0
SBS58 On 12/06/2027 Spot Bond				100.00000	0.00000	101.65815			0.00	0	0
Total SBS58 SPOT									0.00	0	0
Total For SBS58									0.00	0	0
SBSI11 On 07/12/2023 Spot Bond			3.87000	274.19982	3.87000	274.14525		19,350,000,000,000.00	5,000,000,000	5,000,000,000	
Total SBSI11 SPOT								19,350,000,000,000.00	5,000,000,000	5,000,000,000	
Total For SBSI11								19,350,000,000,000.00	5,000,000,000	5,000,000,000	
SBSI14 On 07/12/2033 Spot Bond			4.07000	196.37920	4.07000	196.76536		0.00	0	0	
Total SBSI14 SPOT								0.00	0	0	
Total For SBSI14								0.00	0	0	
SBT101 On 31/03/2022 Spot Bond				100.00000	0.00000	101.67840		0.00	0	0	
Total SBT101 SPOT								0.00	0	0	
Total For SBT101								0.00	0	0	
SCM10 On 15/09/2017 Spot Bond			100.00000	94.54262	100.00000	94.30388		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SCM10U SPOT										0.00	0	0
Total For SCM10U										0.00	0	0
SF2A2L On 11/02/2018 Spot Bond			100.00000	82.17319	100.00000	81.99299				0.00	0	0
Total SF2A2U SPOT										0.00	0	0
Total For SF2A2U										0.00	0	0
SF2BU On 11/02/2018 Spot Bond			100.00000	82.39560	100.00000	82.21491				0.00	0	0
Total SF2BU SPOT										0.00	0	0
Total For SF2BU										0.00	0	0
SF2CU On 11/02/2018 Spot Bond			100.00000	82.80000	100.00000	82.61842				0.00	0	0
Total SF2CU SPOT										0.00	0	0
Total For SF2CU										0.00	0	0
SF2DU On 11/02/2018 Spot Bond			100.00000	83.00220	100.00000	82.82018				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	101.31433				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	101.31445				0.00	0	0
Total SGI005 SPOT										0.00	0	0
Total For SGI005										0.00	0	0
SGI006 On 11/07/2022 Spot Bond				100.00000	0.00000	100.27759				0.00	0	0
Total SGI006 SPOT										0.00	0	0
Total For SGI006										0.00	0	0
SHI02 On 01/10/2021 Spot Bond				100.00000	0.00000	82.63494				0.00	0	0
Total SHI02 SPOT										0.00	0	0
Total For SHI02										0.00	0	0
SHS06 On 12/12/2017 Spot Bond				100.00000	0.00000	101.97108				0.00	0	0
Total SHS06 SPOT										0.00	0	0
Total For SHS06										0.00	0	0
SHS11L On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				0.00	0	0
Total SHS11U/JIBAR SPOT										0.00	0	0
Total For SHS11U/JIBAR										0.00	0	0
SHS19 On 10/09/2017 Spot Bond			8.57000	104.46679	8.57000	104.44242				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	100.14904				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SHS22 SPOT										0.00	0	0
Total For SHS22										0.00	0	0
SHS23 On 29/06/2018 Spot Bond				100.00000	0.00000	101.20388				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	101.24195				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			9.41000	102.30232	9.41000	102.27663				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	101.24195				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	101.28942				0.00	0	0
Total SHS28 SPOT										0.00	0	0
Total For SHS28										0.00	0	0
SHS29I On 03/12/2018 Spot Bond			100.00000	45.78057	100.00000	45.66966				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	101.07877				0.00	0	0
Total SHS30 SPOT										0.00	0	0
Total For SHS30										0.00	0	0
SHS31 On 05/10/2022 Spot Bond				100.00000	0.00000	101.10095				0.00	0	0
Total SHS31 SPOT										0.00	0	0
Total For SHS31										0.00	0	0
SHS32 On 10/07/2020 Spot Bond				100.00000	0.00000	100.95660				0.00	0	0
Total SHS32 SPOT										0.00	0	0
Total For SHS32										0.00	0	0
SHS33 On 10/10/2022 Spot Bond				100.00000	0.00000	100.97595				0.00	0	0
Total SHS33 SPOT										0.00	0	0
Total For SHS33										0.00	0	0
SLI3 On 15/08/2018 Spot Bond			8.35500	100.34685	8.35500	100.32453				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	99.99976				0.00	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
Total SLI4 SPOT										0.00	600,000,000	300,000,000
Total For SLI4										0.00	600,000,000	300,000,000
SLRA1 On 15/08/2019 Spot Bond				100.00000	0.00000	99.99998				0.00	0	0
Total SLRA1 SPOT										0.00	0	0
Total For SLRA1										0.00	0	0
SLRA2 On 15/08/2021 Spot Bond				100.00000	0.00000	99.99978				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	99.99998				0.00	0	0
Total SLRB1 SPOT										0.00	0	0
Total For SLRB1										0.00	0	0
SLRB2 On 15/08/2021 Spot Bond				100.00000	0.00000	99.99975				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	99.99997				0.00	0	0
Total SLRC1 SPOT										0.00	0	0
Total For SLRC1										0.00	0	0
SLRC2 On 15/08/2021 Spot Bond				100.00000	0.00000	99.99964				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			8.17000	103.43046	8.17000	103.40747				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	100.96708				0.00	200,000,000	100,000,000
Total SNT02 SPOT										0.00	200,000,000	100,000,000
Total For SNT02										0.00	200,000,000	100,000,000
SNT03 On 12/04/2023 Spot Bond			10.52000	109.24795	10.52000	109.21735				0.00	0	1,550,000,000
Total SNT03 SPOT										0.00	0	1,550,000,000
Total For SNT03										0.00	0	1,550,000,000
SNT04 On 27/06/2022 Spot Bond				100.00000	0.00000	101.30933				0.00	0	0
Total SNT04 SPOT										0.00	0	0
Total For SNT04										0.00	0	0
SPDA10 On 21/08/2021 Spot Bond				100.00000	0.00000	102.13594				0.00	0	0
Total SPDA10 SPOT										0.00	0	0
Total For SPDA10										0.00	0	0
SPDA4 On 21/08/2017 Spot Bond				100.00000	0.00000	102.07114				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SPDA4 SPOT										0.00	0	0
Total For SPDA4										0.00	0	0
SPDA5 On 21/08/2017 Spot Bond				100.00000	0.00000	102.01393				0.00	0	0
Total SPDA5 SPOT										0.00	0	0
Total For SPDA5										0.00	0	0
SPDA6 On 21/08/2019 Spot Bond				100.00000	0.00000	102.05713				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	102.07935				0.00	0	0
Total SPDA7 SPOT										0.00	0	0
Total For SPDA7										0.00	0	0
SPDA8 On 21/08/2021 Spot Bond				100.00000	0.00000	102.14205				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	102.09899				0.00	0	0
Total SPDA9 SPOT										0.00	0	0
Total For SPDA9										0.00	0	0
SPG00:On 09/09/2019 Spot Bond				100.00000	0.00000	101.79733				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	100.39097				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	100.97087				0.00	0	0
Total SSA05 SPOT										0.00	0	0
Total For SSA05										0.00	0	0
SSA06 On 16/04/2020 Spot Bond			9.21000	100.00110	9.21000	99.97650				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			9.08000	95.47197	9.08000	95.44881				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			9.08000	95.47197	9.08000	95.44881				0.00	0	200,000,000
Total SSN005 SPOT										0.00	0	200,000,000
Total For SSN005										0.00	0	200,000,000
SSN00:On 15/09/2017 Spot Bond			7.85000	103.45748	7.85000	103.43538				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SSN009 SPOT										0.00	0	0
Total For SSN009										0.00	0	0
SSN01: On 31/01/2025 Spot Bond			3.90500	87.86509	3.90500	116.04491				0.00	0	0
Total SSN011 SPOT										0.00	0	0
Total For SSN011										0.00	0	0
SSN01: On 21/12/2026 Spot Bond			10.09000	104.02343	10.09000	103.99546				0.00	0	0
Total SSN017 SPOT										0.00	0	0
Total For SSN017										0.00	0	0
SSN02: On 28/02/2031 Spot Bond			11.11000	74.77014	11.11000	74.74817				0.00	0	0
Total SSN021 SPOT										0.00	0	0
Total For SSN021										0.00	0	0
SSN02: On 21/01/2019 Spot Bond				100.00000	0.00000	100.61666				0.00	0	0
Total SSN024 SPOT										0.00	0	0
Total For SSN024										0.00	0	0
SSN02: On 16/01/2019 Spot Bond				100.00000	0.00000	100.74948				0.00	0	0
Total SSN026 SPOT										0.00	0	0
Total For SSN026										0.00	0	0
SSN02: On 25/09/2019 Spot Bond				100.00000	0.00000	101.32100				0.00	0	0
Total SSN027 SPOT										0.00	0	0
Total For SSN027										0.00	0	0
SSN02: On 07/12/2023 Spot Bond				100.00000	0.00000	102.02565				0.00	0	0
Total SSN029 SPOT										0.00	0	0
Total For SSN029										0.00	0	0
SSN03: On 17/03/2020 Spot Bond				100.00000	0.00000	101.46662				0.00	0	0
Total SSN033 SPOT										0.00	0	0
Total For SSN033										0.00	0	0
SSN03: On 02/06/2020 Spot Bond				100.00000	0.00000	101.91807				0.00	0	0
Total SSN034 SPOT										0.00	0	0
Total For SSN034										0.00	0	0
SSN03: On 17/11/2020 Spot Bond				100.00000	0.00000	99.95300				0.00	0	0
Total SSN035 SPOT										0.00	0	0
Total For SSN035										0.00	0	0
SSN03: 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
SSN03: On 01/06/2021 Spot Bond				100.00000	0.00000	102.04910				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SSN037 SPOT										0.00	0	0
Total For SSN037										0.00	0	0
SSN037 On 26/01/2021 Spot Bond			9.55000	100.53378	9.55000	100.50830				0.00	0	0
Total SSN038 SPOT										0.00	0	0
Total For SSN038										0.00	0	0
SSN038 On 13/10/2023 Spot Bond				100.00000	0.00000	100.88296				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			9.32000	105.50934	9.32000	105.48309				0.00	0	0
Total SSN041 SPOT										0.00	0	0
Total For SSN041										0.00	0	0
SSN041 On 01/12/2017 Spot Bond				100.00000	0.00000	95.36880				0.00	0	0
Total SSN042 SPOT										0.00	0	0
Total For SSN042										0.00	0	0
SSN042 On 31/01/2038 Spot Bond			4.00000	100.13807	4.00000	100.11786				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	100.02711				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	100.02038				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	100.39133				0.00	0	0
Total SSN046 SPOT										0.00	0	0
Total For SSN046										0.00	0	0
SSN046 On 05/04/2027 Spot Bond				100.00000	0.00000	100.96342				0.00	0	0
Total SSN047 SPOT										0.00	0	0
Total For SSN047										0.00	0	0
SSN047 On 21/06/2018 Spot Bond				100.00000	0.00000	101.23788				0.00	0	0
Total SSN048 SPOT										0.00	0	0
Total For SSN048										0.00	0	0
SSN048 On 30/09/2027 Spot Bond				100.00000	0.00000	100.63025				0.00	0	0
Total SSN049 SPOT										0.00	0	0
Total For SSN049										0.00	0	0
SSN049 On 08/12/2023 Spot Bond			100.00000	0.51756	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 SSN050 SPOT										0.00	0	0
Total For SSN050										0.00	0	0
SZ25 On 30/09/2025 Spot Bond			9.54000	100.36863	9.54000	100.34307				0.00	0	0
Total SZ25 SPOT										0.00	0	0
Total For SZ25										0.00	0	0
T12A10 On 21/08/2019 Spot Bond				100.00000	0.00000	102.04551				0.00	0	0
Total T12A10 SPOT										0.00	0	0
Total For T12A10										0.00	0	0
T12A11 On 21/08/2019 Spot Bond				100.00000	0.00000	102.67881				0.00	0	0
Total T12A11 SPOT										0.00	0	0
Total For T12A11										0.00	0	0
T12A12 On 21/08/2019 Spot Bond			9.01000	104.42368	9.01000	104.39826				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	102.30408				0.00	0	90,000,000
Total T13A10 SPOT										0.00	0	90,000,000
Total For T13A10										0.00	0	90,000,000
T13A11 On 21/08/2020 Spot Bond				100.00000	0.00000	102.16991				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			8.91000	109.00935	8.91000	108.98310				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	102.00272				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	102.30408				0.00	0	0
Total T13A14 SPOT										0.00	0	0
Total For T13A14										0.00	0	0
T13A15 On 21/08/2020 Spot Bond				100.00000	0.00000	102.16526				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			9.01000	108.37508	9.01000	108.34869				0.00	0	0
Total T13A16 SPOT										0.00	0	0
Total For T13A16										0.00	0	0
T13A18 On 21/08/2018 Spot Bond				100.00000	0.00000	102.09202				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.84800				0.00	400,000,000	200,000,000
Total T13A19 SPOT										0.00	400,000,000	200,000,000
Total For T13A19										0.00	400,000,000	200,000,000
T13A20 On 21/08/2020 Spot Bond			8.96000	106.75355	8.96000	106.72770				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	102.08033				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	102.12667				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	102.12452	9.15000	102.09956				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	101.74650				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	101.03457				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	101.00153				0.00	0	130,000,000
Total TFS135 SPOT										0.00	0	130,000,000
Total For TFS135										0.00	0	130,000,000
TFS136 On 06/07/2020 Spot Bond				100.00000	0.00000	101.02200				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	102.14237				0.00	0	0
Total TFS139 SPOT										0.00	0	0
Total For TFS139										0.00	0	0
TFS141 On 28/10/2019 Spot Bond				100.00000	0.00000	100.42582				0.00	0	0
Total TFS141 SPOT										0.00	0	0
Total For TFS141										0.00	0	0
TFS142 On 28/10/2021 Spot Bond				100.00000	0.00000	100.44027				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	99.95936				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	101.35212				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	101.39154				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	100.06655				0.00	0	0
Total TFS146 SPOT										0.00	0	0
Total For TFS146										0.00	0	0
TH10A7 On 18/10/2038 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TH10A7 SPOT										0.00	0	0
Total For TH10A7										0.00	0	0
TH11A1 On 18/07/2018 Spot Bond				100.00000	0.00000	100.71725				0.00	0	0
Total TH11A1 SPOT										0.00	0	0
Total For TH11A1										0.00	0	0
TH11A2 On 18/07/2018 Spot Bond				100.00000	0.00000	100.74139				0.00	0	0
Total TH11A2 SPOT										0.00	0	0
Total For TH11A2										0.00	0	0
TH11A3 On 18/07/2018 Spot Bond			8.73000	100.67565	8.73000	100.65227				0.00	0	0
Total TH11A3 SPOT										0.00	0	0
Total For TH11A3										0.00	0	0
TH11A4 On 18/07/2018 Spot Bond				100.00000	0.00000	100.58288				0.00	0	0
Total TH11A4 SPOT										0.00	0	0
Total For TH11A4										0.00	0	0
TH11A5 On 18/07/2018 Spot Bond				100.00000	0.00000	100.90425				0.00	0	0
Total TH11A5 SPOT										0.00	0	0
Total For TH11A5										0.00	0	0
TH11A6 On 18/07/2018 Spot Bond			8.60500	100.28332	8.60500	100.26036				0.00	0	0
Total TH11A6 SPOT										0.00	0	0
Total For TH11A6										0.00	0	0
TH11A7 On 18/07/2018 Spot Bond				100.00000	0.00000	100.56950				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH11A7 SPOT										0.00	0	0
Total For TH11A7										0.00	0	0
TH11A7 On 18/07/2018 Spot Bond				100.00000	0.00000	100.90425				0.00	0	0
Total TH11A8 SPOT										0.00	0	0
Total For TH11A8										0.00	0	0
TH11B1 On 18/07/2018 Spot Bond				100.00000	0.00000	100.99501				0.00	0	0
Total TH11B1 SPOT										0.00	0	0
Total For TH11B1										0.00	0	0
TH11B2 On 18/07/2018 Spot Bond				100.00000	0.00000	100.76703				0.00	0	0
Total TH11B2 SPOT										0.00	0	0
Total For TH11B2										0.00	0	0
TH11B3 On 18/07/2018 Spot Bond				100.00000	0.00000	100.76402				0.00	0	0
Total TH11B3 SPOT										0.00	0	0
Total For TH11B3										0.00	0	0
TH11C1 On 18/07/2018 Spot Bond				100.00000	0.00000	100.84160				0.00	0	0
Total TH11C1 SPOT										0.00	0	0
Total For TH11C1										0.00	0	0
TH11C2 On 18/07/2018 Spot Bond				100.00000	0.00000	100.83859				0.00	0	0
Total TH11C2 SPOT										0.00	0	0
Total For TH11C2										0.00	0	0
TH11C3 On 18/07/2018 Spot Bond				100.00000	0.00000	100.81224				0.00	0	0
Total TH11C3 SPOT										0.00	0	0
Total For TH11C3										0.00	0	0
TH11D1 On 18/07/2018 Spot Bond				100.00000	0.00000	101.07580				0.00	0	0
Total TH11D1 SPOT										0.00	0	0
Total For TH11D1										0.00	0	0
TH11D2 On 18/07/2018 Spot Bond				100.00000	0.00000	101.07880				0.00	0	0
Total TH11D2 SPOT										0.00	0	0
Total For TH11D2										0.00	0	0
TH11D3 On 18/07/2018 Spot Bond				100.00000	0.00000	101.06382				0.00	0	0
Total TH11D3 SPOT										0.00	0	0
Total For TH11D3										0.00	0	0
TH12A1 On 21/08/2019 Spot Bond				100.00000	0.00000	102.00383				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	102.08038				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH12A2 SPOT										0.00	0	0
Total For TH12A2										0.00	0	0
TH12A2 On 21/08/2019 Spot Bond			8.96000	104.83487	8.96000	104.80950				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A3 On 21/08/2019 Spot Bond				100.00000	0.00000	102.04551				0.00	0	0
Total TH12A4 SPOT										0.00	0	0
Total For TH12A4										0.00	0	0
TH12A4 On 21/08/2019 Spot Bond				100.00000	0.00000	102.12689				0.00	0	0
Total TH12A5 SPOT										0.00	0	0
Total For TH12A5										0.00	0	0
TH12A5 On 21/08/2019 Spot Bond			8.87000	103.55295	8.87000	103.52812				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A6 On 21/08/2019 Spot Bond				100.00000	0.00000	102.03388				0.00	0	0
Total TH12A7 SPOT										0.00	0	0
Total For TH12A7										0.00	0	0
TH12A7 On 21/08/2019 Spot Bond				100.00000	0.00000	102.12689				0.00	0	0
Total TH12A8 SPOT										0.00	0	0
Total For TH12A8										0.00	0	0
TH12A8 On 21/08/2019 Spot Bond			8.98000	102.82806	8.98000	102.80312				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12A9 On 21/08/2019 Spot Bond				100.00000	0.00000	102.23152				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B1 On 21/08/2019 Spot Bond				100.00000	0.00000	102.23152				0.00	0	0
Total TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B2 On 21/08/2019 Spot Bond				100.00000	0.00000	102.23152				0.00	0	0
Total TH12B3 SPOT										0.00	0	0
Total For TH12B3										0.00	0	0
TH12B3 On 21/08/2019 Spot Bond				100.00000	0.00000	102.23152				0.00	0	0
Total TH12B4 SPOT										0.00	0	0
Total For TH12B4										0.00	0	0
TH12B4 On 21/08/2019 Spot Bond				100.00000	0.00000	102.41751				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH12C1 SPOT										0.00	0	0
Total For TH12C1										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	102.41751				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	102.41751				0.00	0	0
Total TH12C3 SPOT										0.00	0	0
Total For TH12C3										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	102.41518				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	103.17284				0.00	0	0
Total TH12D1 SPOT										0.00	0	0
Total For TH12D1										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	103.17284				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	103.27777				0.00	0	0
Total TH12D3 SPOT										0.00	0	0
Total For TH12D3										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	103.15889				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	101.99202				0.00	0	0
Total TH13A1 SPOT										0.00	0	0
Total For TH13A1										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	102.04318				0.00	0	0
Total TH13A2 SPOT										0.00	0	0
Total For TH13A2										0.00	0	0
TH13A: On 21/08/2020 Spot Bond				100.00000	0.00000	102.52301				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0
TH13A: On 21/08/2020 Spot Bond			9.11000	105.07125	9.11000	105.04539				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	101.99435				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH13A5 SPOT										0.00	0	0
Total For TH13A5										0.00	0	0
TH13A5 On 21/08/2018 Spot Bond				100.00000	0.00000	102.14208				0.00	0	0
Total TH13A6 SPOT										0.00	0	0
Total For TH13A6										0.00	0	0
TH13A6 On 21/08/2020 Spot Bond				100.00000	0.00000	101.53493				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			9.00000	106.31039	9.00000	106.28453				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	102.00272				0.00	0	0
Total TH13A9 SPOT										0.00	0	0
Total For TH13A9										0.00	0	0
TH13A9 On 21/08/2020 Spot Bond				100.00000	0.00000	102.23142				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	102.23374				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	102.29295				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	102.24652				0.00	0	0
Total TH13B4 SPOT										0.00	0	0
Total For TH13B4										0.00	0	0
TH13B4 On 21/08/2020 Spot Bond				100.00000	0.00000	102.22444				0.00	0	0
Total TH13B5 SPOT										0.00	0	0
Total For TH13B5										0.00	0	0
TH13B5 On 21/08/2020 Spot Bond				100.00000	0.00000	102.39413				0.00	0	0
Total TH13C1 SPOT										0.00	0	0
Total For TH13C1										0.00	0	0
TH13C1 On 21/08/2020 Spot Bond				100.00000	0.00000	102.41272				0.00	0	0
Total TH13C2 SPOT										0.00	0	0
Total For TH13C2										0.00	0	0
TH13C2 On 21/08/2020 Spot Bond				100.00000	0.00000	102.40900				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH13C3 SPOT										0.00	0	0
Total For TH13C3										0.00	0	0
TH13C3 On 21/08/2020 Spot Bond				100.00000	0.00000	102.45543				0.00	0	0
Total TH13C4 SPOT										0.00	0	0
Total For TH13C4										0.00	0	0
TH13C4 On 21/08/2020 Spot Bond				100.00000	0.00000	102.52195				0.00	0	0
Total TH13C5 SPOT										0.00	0	0
Total For TH13C5										0.00	0	0
TH13C5 On 21/08/2020 Spot Bond				100.00000	0.00000	103.16089				0.00	0	0
Total TH13D1 SPOT										0.00	0	0
Total For TH13D1										0.00	0	0
TH13D1 On 21/08/2020 Spot Bond				100.00000	0.00000	103.16089				0.00	0	0
Total TH13D2 SPOT										0.00	0	0
Total For TH13D2										0.00	0	0
TH13D2 On 21/08/2020 Spot Bond				100.00000	0.00000	103.22088				0.00	0	0
Total TH13D3 SPOT										0.00	0	0
Total For TH13D3										0.00	0	0
TH13D3 On 21/08/2020 Spot Bond				100.00000	0.00000	103.18611				0.00	0	0
Total TH13D4 SPOT										0.00	0	0
Total For TH13D4										0.00	0	0
TH13D4 On 21/08/2020 Spot Bond				100.00000	0.00000	103.20735				0.00	0	0
Total TH13D5 SPOT										0.00	0	0
Total For TH13D5										0.00	0	0
TH13D5 On 21/11/2017 Spot Bond				100.00000	0.00000	101.87547				0.00	0	0
Total TH14A1 SPOT										0.00	0	0
Total For TH14A1										0.00	0	0
TH14A1 On 21/11/2019 Spot Bond				100.00000	0.00000	101.76528				0.00	0	0
Total TH14A2 SPOT										0.00	0	0
Total For TH14A2										0.00	0	0
TH14A2 On 21/11/2021 Spot Bond				100.00000	0.00000	102.15920				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			9.05000	105.99960	9.05000	105.97411				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	101.89430				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	102.08033				0.00	0	0
Total TH14A6 SPOT										0.00	0	0
Total For TH14A6										0.00	0	0
TH14A6 On 21/11/2021 Spot Bond				100.00000	0.00000	102.14061				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			9.00000	102.66564	9.00000	103.37709				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	101.92229				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	102.30094				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	102.23124				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	102.20335				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	102.41711				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	102.37065				0.00	0	0
Total TH14C2 SPOT										0.00	0	0
Total For TH14C2										0.00	0	0
TH14C2 On 21/11/2021 Spot Bond				100.00000	0.00000	102.34277				0.00	0	0
Total TH14C3 SPOT										0.00	0	0
Total For TH14C3										0.00	0	0
TH14C3 On 21/11/2021 Spot Bond				100.00000	0.00000	103.11390				0.00	0	0
Total TH14D1 SPOT										0.00	0	0
Total For TH14D1										0.00	0	0
TH14D1 On 21/11/2021 Spot Bond				100.00000	0.00000	103.06513				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	102.99779				0.00	0	0
Total TH14D3 SPOT										0.00	0	0
Total For TH14D3										0.00	0	0
THE9B: On 18/07/2019 Spot Bond				100.00000	0.00000	100.79416				0.00	0	0
Total THE9B4 SPOT										0.00	0	0
Total For THE9B4										0.00	0	0
THE9C: On 18/07/2019 Spot Bond				100.00000	0.00000	102.19191				0.00	0	0
Total THE9C4 SPOT										0.00	0	0
Total For THE9C4										0.00	0	0
THE9D: On 18/07/2019 Spot Bond				100.00000	0.00000	101.10196				0.00	0	0
Total THE9D4 SPOT										0.00	0	0
Total For THE9D4										0.00	0	0
TL20 On 22/02/2020 Spot Bond			8.86000	96.59506	8.86000	96.53506				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	24.74730	100.00000	24.70034				0.00	0	0
TL20/R: On 25/11/2020 Spot Bond			10.00000	110.53300	10.00000	110.50400				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	13.83672	100.00000	13.79352				0.00	0	0
Total TL21U SPOT										0.00	0	0
Total For TL21U										0.00	0	0
TLC01 On 22/09/2017 Spot Bond			100.00000	0.00000	103.32520					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	101.28099					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			7.66000	102.68551	7.66000	102.66436				0.00	0	12,251,513,839
Total TN17 SPOT										0.00	0	12,251,513,839
Total For TN17										0.00	0	12,251,513,839
TN17/R On 14/11/2017 Spot Bond			100.00000	83.92994	100.00000	83.74589				0.00	0	0
Total TN17/R203 SPOT										0.00	0	0
Total For TN17/R203										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TN20 On 17/09/2020 Spot Bond			8.79000	108.85762	8.79000	108.83218			0.00	0	47,110,700,000
Total TN20 SPOT									0.00	0	47,110,700,000
Total For TN20									0.00	0	47,110,700,000
TN20/R On 17/09/2020 Spot Bond			100.00000	21.99999	100.00000	21.95157			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	16.43571	100.00000	16.39589			0.00	0	0
Total TN20U SPOT									0.00	0	0
Total For TN20U									0.00	0	0
TN21U On 13/05/2021 Spot Bond			100.00000	14.35903	100.00000	14.30935			0.00	0	0
Total TN21U SPOT									0.00	0	0
Total For TN21U									0.00	0	0
TN23 On 06/11/2023 Spot Bond			9.44000	109.25453	9.44000	109.22715			0.00	0	4,047,800,000
Total TN23 SPOT									0.00	0	4,047,800,000
Total For TN23									0.00	0	4,047,800,000
TN23/R On 06/11/2023 Spot Bond			100.00000	14.09580	100.00000	14.06477			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			10.43000	94.95664	10.43000	94.92997			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	9.57323	100.00000	9.55181			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			10.58000	91.88812	10.58000	91.86239			0.00	0	1,010,000,000
Total TN27 SPOT									0.00	0	1,010,000,000
Total For TN27									0.00	0	1,010,000,000
TN27/R On 14/11/2027 Spot Bond			100.00000	10.97084	100.00000	10.94669			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			11.23500	98.68326	11.23500	98.65379			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	123.78751	8.00000	123.76098			0.00	0	0
Total TN30/R2030 SPOT									0.00	0	0
Total For TN30/R2030									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TN40 On 09/10/2040 Spot Bond			11.88000	94.90259	11.88000	94.87267			0.00	0	2,800,000,000
Total TN40 SPOT									0.00	0	2,800,000,000
Total For TN40									0.00	0	2,800,000,000
TN40/R On 09/10/2040 Spot Bond			10.75000	103.75957	10.75000	103.72988			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	99.89715			0.00	0	1,842,000
Total TNF18 SPOT									0.00	0	1,842,000
Total For TNF18									0.00	0	1,842,000
TORQ1 On 15/08/2018 Spot Bond				100.00000	0.00000	99.99998			0.00	0	0
Total TORQ10 SPOT									0.00	0	0
Total For TORQ10									0.00	0	0
TORQ3 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ3 SPOT									0.00	0	0
Total For TORQ3									0.00	0	0
TORQ6 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ6 SPOT									0.00	0	0
Total For TORQ6									0.00	0	0
TORQ7 On 15/08/2019 Spot Bond				100.00000	0.00000	99.99999			0.00	0	0
Total TORQ7 SPOT									0.00	0	0
Total For TORQ7									0.00	0	0
TORQ8 On 15/08/2018 Spot Bond				100.00000	0.00000	99.99999			0.00	0	0
Total TORQ8 SPOT									0.00	0	0
Total For TORQ8									0.00	0	0
TORQ9 On 15/08/2018 Spot Bond				100.00000	0.00000	99.99999			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	110.53300	10.00000	110.50400			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	101.24505			0.00	0	500,000,000
Total TPDA03 SPOT									0.00	0	500,000,000
Total For TPDA03									0.00	0	500,000,000
TPDA0 On 10/04/2019 Spot Bond				100.00000	0.00000	101.13336			0.00	0	0
Total TPDA05 SPOT									0.00	0	0
Total For TPDA05									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TPDA0: On 30/11/2018 Spot Bond				100.00000	0.00000	102.12113				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			9.01000	103.37119	9.01000	103.34643				0.00	0	0
Total TPDA08 SPOT										0.00	0	0
Total For TPDA08										0.00	0	0
TRA2A: On 14/12/2018 Spot Bond				100.00000	0.00000	101.52142				0.00	0	0
Total TRA2A1 SPOT										0.00	0	0
Total For TRA2A1										0.00	0	0
TRA2A: On 14/12/2020 Spot Bond				100.00000	0.00000	101.59046				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			9.26000	102.79150	9.26000	102.76608				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	101.52311				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	101.59046				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			9.06000	104.42962	9.06000	103.39453				0.00	0	0
Total TRA2A6 SPOT										0.00	0	0
Total For TRA2A6										0.00	0	0
TRA2B: On 14/12/2020 Spot Bond				100.00000	0.00000	101.69997				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	101.74208				0.00	0	0
Total TRA2B2 SPOT										0.00	0	0
Total For TRA2B2										0.00	0	0
TRA2C: On 14/12/2020 Spot Bond				100.00000	0.00000	101.91882				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	101.98611				0.00	0	0
Total TRA2C2 SPOT										0.00	0	0
Total For TRA2C2										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TRA2D On 14/12/2020 Spot Bond				100.00000	0.00000	102.42295				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	102.42295				0.00	0	0
Total TRA2D2 SPOT										0.00	0	0
Total For TRA2D2										0.00	0	0
TRAA2 On 14/06/2019 Spot Bond				100.00000	0.00000	101.58208				0.00	0	0
Total TRAA2 SPOT										0.00	0	0
Total For TRAA2										0.00	0	0
TRAA4U On 14/06/2019 Spot Bond			100.00000	31.89938	100.00000	31.82210				0.00	0	0
Total TRAA4U SPOT										0.00	0	0
Total For TRAA4U										0.00	0	0
TRAB1 On 14/06/2019 Spot Bond				100.00000	0.00000	101.60745				0.00	0	0
Total TRAB1 SPOT										0.00	0	0
Total For TRAB1										0.00	0	0
TRAB2U On 14/06/2019 Spot Bond			100.00000	32.17560	100.00000	32.09766				0.00	0	0
Total TRAB2U SPOT										0.00	0	0
Total For TRAB2U										0.00	0	0
TRAC1 On 14/06/2019 Spot Bond				100.00000	0.00000	101.61588				0.00	0	0
Total TRAC1 SPOT										0.00	0	0
Total For TRAC1										0.00	0	0
TRAC2 On 14/06/2019 Spot Bond			100.00000	32.40579	100.00000	32.32729				0.00	0	0
Total TRAC2U SPOT										0.00	0	0
Total For TRAC2U										0.00	0	0
TRAD1 On 14/06/2019 Spot Bond				100.00000	0.00000	101.49769				0.00	532,100,000	266,050,000
Total TRAD1 SPOT										0.00	532,100,000	266,050,000
Total For TRAD1										0.00	532,100,000	266,050,000
TRAD2 On 14/06/2019 Spot Bond			100.00000	35.21411	100.00000	35.12881				0.00	0	0
Total TRAD2U SPOT										0.00	0	0
Total For TRAD2U										0.00	0	0
TRAE1 On 14/06/2019 Spot Bond				100.00000	0.00000	104.81030				0.00	0	0
Total TRAE1 SPOT										0.00	0	0
Total For TRAE1										0.00	0	0
TRAE2U On 14/06/2019 Spot Bond			100.00000	38.29865	100.00000	38.20588				0.00	0	0
Total TRAE2U SPOT										0.00	0	0
Total For TRAE2U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TSE01L On 31/07/2019 Spot Bond			100.00000	29.48950	100.00000	29.41806				0.00	0	0
Total TSE01U SPOT										0.00	0	0
Total For TSE01U										0.00	0	0
TSE03L On 31/10/2020 Spot Bond			100.00000	16.25253	100.00000	16.21315				0.00	0	0
Total TSE03U SPOT										0.00	0	0
Total For TSE03U										0.00	0	0
TSP219 On 17/08/2017 Spot Bond				100.00000	0.00000	99.95587				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	98.45870				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	94.53120				0.00	0	0
Total TSP221 SPOT										0.00	0	0
Total For TSP221										0.00	0	0
TSP222 On 10/05/2018 Spot Bond				100.00000	0.00000	94.22165				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	97.86115				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	93.93620				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	97.56402				0.00	0	0
Total TSP225 SPOT										0.00	0	0
Total For TSP225										0.00	0	0
TSP226 On 07/06/2018 Spot Bond				100.00000	0.00000	93.68944				0.00	0	0
Total TSP226 SPOT										0.00	0	0
Total For TSP226										0.00	0	0
TSP227 On 21/06/2018 Spot Bond				100.00000	0.00000	93.40863				0.00	0	0
Total TSP227 SPOT										0.00	0	0
Total For TSP227										0.00	0	0
TTO01L On 28/08/2019 Spot Bond			100.00000	28.04291	100.00000	27.97498				0.00	0	0
Total TTO01U SPOT										0.00	0	0
Total For TTO01U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TUHF0 On 26/01/2020 Spot Bond				100.00000	0.00000	100.57618				0.00	0	0
Total TUHF01 SPOT										0.00	0	0
Total For TUHF01										0.00	0	0
TWC23 On 11/08/2017 Spot Bond				100.00000	0.00000	100.00000				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	101.97409				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	101.93364				0.00	0	0
Total TWC237 SPOT										0.00	0	0
Total For TWC237										0.00	0	0
TWC23 On 31/08/2017 Spot Bond				100.00000	0.00000	101.58806				0.00	0	0
Total TWC238 SPOT										0.00	0	0
Total For TWC238										0.00	0	0
TWC23 On 09/10/2017 Spot Bond				100.00000	0.00000	100.83791				0.00	0	0
Total TWC239 SPOT										0.00	0	0
Total For TWC239										0.00	0	0
TWC24 On 13/10/2017 Spot Bond				100.00000	0.00000	100.68391				0.00	0	0
Total TWC240 SPOT										0.00	0	0
Total For TWC240										0.00	0	0
TWC24 On 28/08/2017 Spot Bond				100.00000	0.00000	101.66963				0.00	0	0
Total TWC241 SPOT										0.00	0	0
Total For TWC241										0.00	0	0
TWC24 On 16/10/2017 Spot Bond				100.00000	0.00000	100.68752				0.00	0	0
Total TWC242 SPOT										0.00	0	0
Total For TWC242										0.00	0	0
TWC24 On 23/10/2017 Spot Bond				100.00000	0.00000	100.45706				0.00	0	0
Total TWC243 SPOT										0.00	0	0
Total For TWC243										0.00	0	0
TWC24 On 26/10/2017 Spot Bond				100.00000	0.00000	100.41551				0.00	0	0
Total TWC244 SPOT										0.00	0	0
Total For TWC244										0.00	0	0
TWC24 On 10/11/2017 Spot Bond			100.00000	80.93126	100.00000	80.75221		010,000,000,000,000.00		10,100,000,000	7,600,000,000	
Total TWC245 SPOT								10,000,000,000,000.00		10,100,000,000	7,600,000,000	
Total For TWC245								10,000,000,000,000.00		10,100,000,000	7,600,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
UG21 On 02/03/2021 Spot Bond			9.11000	109.57342	9.11000	109.54689				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			10.56000	109.06133	10.56000	109.03083				0.00	0	0
Total UG26 SPOT										0.00	0	0
Total For UG26										0.00	0	0
VCJA11 On 20/07/2025 Spot Bond			100.00000	9.98531	100.00000	9.94140				0.00	0	0
Total VCJA1U SPOT										0.00	0	0
Total For VCJA1U										0.00	0	0
VCJB11 On 20/07/2025 Spot Bond			100.00000	9.84628	100.00000	9.80298				0.00	0	0
Total VCJB1U SPOT										0.00	0	0
Total For VCJB1U										0.00	0	0
VCPA11 On 20/07/2025 Spot Bond			100.00000	9.64181	100.00000	9.59941				0.00	0	0
Total VCPA1U SPOT										0.00	0	0
Total For VCPA1U										0.00	0	0
VCPB11 On 20/07/2025 Spot Bond			100.00000	9.46165	100.00000	9.42004				0.00	0	0
Total VCPB1U SPOT										0.00	0	0
Total For VCPB1U										0.00	0	0
VJA03L On 20/10/2023 Spot Bond			100.00000	8.42176	100.00000	8.40136				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	8.79765	100.00000	8.77634				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	9.32214	100.00000	9.29955				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	9.38779	100.00000	9.36504				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	9.43196	100.00000	9.40911				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	9.46588	100.00000	9.44295				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	11.00808	100.00000	10.97371			0.00	0	0
Total VJA09U SPOT									0.00	0	0
Total For VJA09U									0.00	0	0
VJB03L On 20/10/2023 Spot Bond			100.00000	8.21690	100.00000	8.19700			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	8.57535	100.00000	8.55457			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	9.08888	100.00000	9.06686			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	9.22379	100.00000	9.20143			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	9.25257	100.00000	9.23015			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	9.28668	100.00000	9.26418			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	10.79634	100.00000	10.76263			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	103.69493			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	101.06453			0.00	0	0
Total VKC20 SPOT									0.00	0	0
Total For VKC20									0.00	0	0
VKE01L On 01/04/2018 Spot Bond			100.00000	62.08991	100.00000	61.93949			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	101.44481			0.00	0	0
Total VKE05 SPOT									0.00	0	0
Total For VKE05									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
VKE06 On 08/05/2018 Spot Bond				100.00000	0.00000	100.16283			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	101.70134			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	101.22302			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	100.94089			0.00	0	0
Total VKE09 SPOT									0.00	0	0
Total For VKE09									0.00	0	0
VKE10 On 08/07/2022 Spot Bond				100.00000	0.00000	100.95644			0.00	0	0
Total VKE10 SPOT									0.00	0	0
Total For VKE10									0.00	0	0
VPA03L On 20/10/2023 Spot Bond			100.00000	9.52647	100.00000	9.50339			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	5.09830	100.00000	5.08594			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	9.13681	100.00000	9.11468			0.00	0	0
Total VPA05U SPOT									0.00	0	0
Total For VPA05U									0.00	0	0
VPA06L On 20/07/2024 Spot Bond			100.00000	9.22517	100.00000	9.20282			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	9.14243	100.00000	9.12027			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	9.14223	100.00000	9.12008			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	10.69568	100.00000	10.66227			0.00	0	0
Total VPA09U SPOT									0.00	0	0
Total For VPA09U									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
VPB03L On 20/10/2023 Spot Bond			100.00000	9.73153	100.00000	9.70796				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	4.87599	100.00000	4.86417				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	8.85030	100.00000	8.82886				0.00	0	0
Total VPB05U SPOT										0.00	0	0
Total For VPB05U										0.00	0	0
VPB06L On 20/07/2024 Spot Bond			100.00000	9.00793	100.00000	8.98611				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	8.92156	100.00000	8.89996				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	8.92210	100.00000	8.90048				0.00	0	0
Total VPB08U SPOT										0.00	0	0
Total For VPB08U										0.00	0	0
VPB09L On 20/04/2025 Spot Bond			100.00000	10.43661	100.00000	10.40402				0.00	0	0
Total VPB09U SPOT										0.00	0	0
Total For VPB09U										0.00	0	0
WRS2L On 25/11/2019 Spot Bond			100.00000	25.83668	100.00000	25.77409				0.00	0	0
Total WRS2U SPOT										0.00	0	0
Total For WRS2U										0.00	0	0
WS05 On 01/08/2018 Spot Bond			2.98000	249.74804	2.98000	249.70439				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			7.66500	104.12126	7.66500	104.09999				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			8.00000	104.38602	8.00000	104.36377				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			8.26000	104.29691	8.26000	104.27398				0.00	0	0
Total WSP5 SPOT										0.00	0	0
Total For WSP5										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
WSP5/I On 28/05/2021 Spot Bond			100.00000	14.97023	100.00000	14.93729			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			7.05000	86.32558	7.05000	86.30933			0.00	0	0
Total Z083 SPOT									0.00	0	0
Total For Z083									0.00	0	0
Total for SPOT									67,452,703,369,158,000.00	6,755,805,683,100	308,659,847,307
Total for SPOT :									67,452,703,369,158,000.00	755,805,683,100	308,659,847,307
Total Futures									67,452,704,532,924,800.00	755,805,693,682	308,660,771,900
Total Options									0.00	0	73,720
Grand Total:									67,452,704,532,924,800.00	755,805,693,682	308,660,845,620