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INTEREST RATE AND CURRENCY DERIVATIVES

INTEREST RATES DAILY MTM REPORT

DAILY SUMMARY FOR: 27/05/2016

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
EL28 On 04/08/2016 Bond Future			130.95274	130.95274	130.84854	130.84854			0.00	0	0
EL28 On 03/11/2016 Bond Future			131.78851	131.78851	131.68164	131.68164			0.00	0	0
Total EL28 Future									0.00	0	0
EL28 On 04/08/2016 Bond Future	126.86	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.87	Call			3,978.54000	3.97854	4,082,740		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.87	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.88	Call			3,968.54000	3.96854	4,072,740		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.88	Put			0.00000	0.00000	0,000		0.00	0	0
EL28 On 04/08/2016 Bond Future	126.86	Call			3,988.54000	3.98854	4,092,740		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.17	Put			488.36000	0.48836	381,490		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.15	Call			0.00000	0.00000	0,000		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.15	Put			468.36000	0.46836	361,490		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.16	Call			0.00000	0.00000	0,000		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.16	Put			478.36000	0.47836	371,490		0.00	0	0
EL28 On 03/11/2016 Bond Future	132.17	Call			0.00000	0.00000	0,000		0.00	0	0
Total EL28 Option									0.00	0	0
Total For EL28									0.00	0	0

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	04/08/2016	Bond Future			10.88172	77.00084	10.87755	77.02638			0.00	0	8,932
ES33	On	03/11/2016	Bond Future			10.97354	74.67548	10.96930	74.70108			0.00	0	0
ES33	On	02/02/2017	Bond Future			11.06214	76.17780	11.05760	76.20483			0.00	0	0
Total ES33 Future												0.00	0	8,932
ES33	On	04/08/2016	Bond Future	10.24	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.24	Put			4,069.14000	4.06914	4,094,680		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.25	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.25	Put			4,002.72000	4.00272	4,028,260		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.26	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	04/08/2016	Bond Future	10.26	Put			3,936.39000	3.93639	3,961,930		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.30	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.31	Call			2,014.53000	2.01453	1,988,930		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.31	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.29	Call			1,898.62000	1.89862	1,873,020		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.29	Put			0.00000	0.00000	0,000		0.00	0	0
ES33	On	03/11/2016	Bond Future	11.30	Call			1,956.61000	1.95661	1,931,010		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.60	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.60	Put			2,804.25000	2.80425	2,831,280		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.61	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.61	Put			2,741.24000	2.74124	2,768,270		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.59	Call			0.00000	0.00000	0,000		0.00	0	0
ES33	On	02/02/2017	Bond Future	10.59	Put			2,867.34000	2.86734	2,894,370		0.00	0	0
Total ES33 Option												0.00	0	0
Total For ES33												0.00	0	8,932
ES42	On	04/08/2016	Bond Future			11.02622	80.99745	11.02205	81.02625			0.00	0	7,270
ES42	On	03/11/2016	Bond Future			11.11666	78.27847	11.11241	78.30739			0.00	0	0
Total ES42 Future												0.00	0	7,270
Total For ES42												0.00	0	7,270
I2025	On	04/08/2016	Bond Future			126.55145	126.55145	126.66796	126.66796			0.00	0	3,004
I2025	On	03/11/2016	Bond Future			128.97305	128.97305	129.09108	129.09108			0.00	0	0
Total I2025 Future												0.00	0	3,004
I2025	On	04/08/2016	Bond Future	123.87	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.85	Call			2,817.96000	2.81796	2,701,450		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.85	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.86	Call			2,807.96000	2.80796	2,691,450		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.86	Put			0.00000	0.00000	0,000		0.00	0	0
I2025	On	04/08/2016	Bond Future	123.87	Call			2,797.96000	2.79796	2,681,450		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.23	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.23	Put			138.92000	0.13892	256,950		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.21	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
I2025	On	03/11/2016	Bond Future	129.21	Put			118.92000	0.11892	236,950		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.22	Call			0.00000	0.00000	0,000		0.00	0	0
I2025	On	03/11/2016	Bond Future	129.22	Put			128.92000	0.12892	246,950		0.00	0	0
Total I2025 Option												0.00	0	0
Total For I2025												0.00	0	3,004
I2033	On	04/08/2016	Bond Future			107.01390	107.01390	107.29001	107.29001			0.00	0	3,924
I2033	On	03/11/2016	Bond Future			108.03891	108.03891	108.31977	108.31977			0.00	0	0
Total I2033 Future												0.00	0	3,924
I2033	On	04/08/2016	Bond Future	104.99	Call			2,300.01000	2.30001	2,023,900		0.00	0	0
I2033	On	04/08/2016	Bond Future	104.99	Put			0.00000	0.00000	0,000		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.00	Call			2,290.01000	2.29001	2,013,900		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.00	Put			0.00000	0.00000	0,000		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.01	Call			2,280.01000	2.28001	2,003,900		0.00	0	0
I2033	On	04/08/2016	Bond Future	105.01	Put			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.18	Put			860.23000	0.86023	1,141,090		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.16	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.16	Put			840.23000	0.84023	1,121,090		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.17	Call			0.00000	0.00000	0,000		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.17	Put			850.23000	0.85023	1,131,090		0.00	0	0
I2033	On	03/11/2016	Bond Future	109.18	Call			0.00000	0.00000	0,000		0.00	0	0
Total I2033 Option												0.00	0	0
Total For I2033												0.00	0	3,924
I2038	On	04/08/2016	Bond Future			132.52233	132.52233	132.48561	132.48561			0.00	0	22,289
I2038	On	03/11/2016	Bond Future			135.05811	135.05811	135.01992	135.01992			0.00	0	0
Total I2038 Future												0.00	0	22,289
I2038	On	04/08/2016	Bond Future	129.30	Call			3,185.61000	3.18561	3,222,330		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.30	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.31	Call			3,175.61000	3.17561	3,212,330		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.31	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.32	Call			3,165.61000	3.16561	3,202,330		0.00	0	0
I2038	On	04/08/2016	Bond Future	129.32	Put			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.32	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.32	Put			1,300.08000	1.30008	1,261,890		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.33	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.33	Put			1,310.08000	1.31008	1,271,890		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.31	Call			0.00000	0.00000	0,000		0.00	0	0
I2038	On	03/11/2016	Bond Future	136.31	Put			1,290.08000	1.29008	1,251,890		0.00	0	0
Total I2038 Option												0.00	0	0
Total For I2038												0.00	0	22,289

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
I2046	On	04/08/2016	Bond Future			131.80647	131.80647	132.33614	132.33614			0.00	0	16,290
I2046	On	03/11/2016	Bond Future			132.81772	132.81772	133.35695	133.35695			0.00	0	0
Total I2046 Future												0.00	0	16,290
I2046	On	04/08/2016	Bond Future	129.00	Call			3,336.14000	3.33614	2,806,470		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.00	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.01	Call			3,326.14000	3.32614	2,796,470		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.01	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.02	Call			3,316.14000	3.31614	2,786,470		0.00	0	0
I2046	On	04/08/2016	Bond Future	129.02	Put			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.09	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.09	Put			3,733.05000	3.73305	4,272,280		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.07	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.07	Put			3,713.05000	3.71305	4,252,280		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.08	Call			0.00000	0.00000	0,000		0.00	0	0
I2046	On	03/11/2016	Bond Future	137.08	Put			3,723.05000	3.72305	4,262,280		0.00	0	0
Total I2046 Option												0.00	0	0
Total For I2046												0.00	0	16,290
I2050	On	04/08/2016	Bond Future			140.86561	140.86561	141.16351	141.16351			0.00	0	20,765
I2050	On	03/11/2016	Bond Future			143.56115	143.56115	143.86394	143.86394			0.00	0	0
Total I2050 Future												0.00	0	20,765
I2050	On	04/08/2016	Bond Future	139.12	Call			2,043.51000	2.04351	1,745,610		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.12	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.13	Call			2,033.51000	2.03351	1,735,610		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.13	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.14	Call			2,023.51000	2.02351	1,725,610		0.00	0	0
I2050	On	04/08/2016	Bond Future	139.14	Put			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.52	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.52	Put			5,656.06000	5.65606	5,958,850		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.53	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.53	Put			5,666.06000	5.66606	5,968,850		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.54	Call			0.00000	0.00000	0,000		0.00	0	0
I2050	On	03/11/2016	Bond Future	149.54	Put			5,676.06000	5.67606	5,978,850		0.00	0	0
Total I2050 Option												0.00	0	0
Total For I2050												0.00	0	20,765
R186	On	04/08/2016	Bond Future			9.42661	108.41375	9.41182	108.51492		10.76	1,300,965.00	12	99,843
R186	On	03/11/2016	Bond Future			9.48879	110.47990	9.47351	110.58229		10.46	0.00	0	10
Total R186 Future												1,300,965.00	12	99,853
R186	On	04/08/2016	Bond Future	9.40	Put			2,075.17000	2.07517	2,111,270	10.73	0.00	0	5,000
R186	On	04/08/2016	Bond Future	9.60	Call			2,741.15000	2.74115	2,665,820	10.82	0.00	0	0

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	04/08/2016	Bond Future	9.60	Put			1,463.60000	1.46360	1,489,440	10.82	0.00	0	5,635
R186	On	04/08/2016	Bond Future	10.00	Call			4,589.08000	4.58908	4,498,900	11.06	0.00	0	0
R186	On	04/08/2016	Bond Future	10.00	Put			664.46000	0.66446	675,450	11.06	0.00	0	6,500
R186	On	04/08/2016	Bond Future	8.90	Put			4,309.74000	4.30974	4,374,860	10.57	0.00	0	0
R186	On	04/08/2016	Bond Future	9.25	Call			1,525.68000	1.52568	1,469,160	10.68	0.00	0	0
R186	On	04/08/2016	Bond Future	9.25	Put			2,641.16000	2.64116	2,685,810	10.68	0.00	0	1,000
R186	On	04/08/2016	Bond Future	9.30	Call			1,673.31000	1.67331	1,613,880	10.70	0.00	0	500
R186	On	04/08/2016	Bond Future	9.30	Put			2,442.44000	2.44244	2,484,180	10.70	0.00	0	0
R186	On	04/08/2016	Bond Future	9.40	Call			1,994.23000	1.99423	1,929,160	10.73	0.00	0	0
R186	On	04/08/2016	Bond Future	8.49	Put			6,810.99000	6.81099	6,895,710	10.44	0.00	0	0
R186	On	04/08/2016	Bond Future	8.50	Call			246.75000	0.24675	229,930	10.44	0.00	0	0
R186	On	04/08/2016	Bond Future	8.50	Put			6,743.97000	6.74397	6,828,320	10.44	0.00	0	0
R186	On	04/08/2016	Bond Future	8.51	Call			254.35000	0.25435	237,150	10.44	0.00	0	0
R186	On	04/08/2016	Bond Future	8.51	Put			6,677.45000	6.67745	6,761,420	10.44	0.00	0	0
R186	On	04/08/2016	Bond Future	8.90	Call			726.85000	0.72685	690,800	10.57	0.00	0	500
R186	On	04/08/2016	Bond Future	8.49	Call			239.59000	0.23959	223,140	10.44	0.00	0	0
R186	On	03/11/2016	Bond Future	9.66	Call			3,733.13000	3.73313	3,664,800	10.55	0.00	0	0
R186	On	03/11/2016	Bond Future	9.66	Put			2,492.60000	2.49260	2,526,660	10.55	0.00	0	5,000
R186	On	03/11/2016	Bond Future	8.97	Call			1,640.41000	1.64041	1,597,420	10.29	0.00	0	0
R186	On	03/11/2016	Bond Future	8.97	Put			5,090.50000	5.09050	5,149,900	10.29	0.00	0	0
R186	On	03/11/2016	Bond Future	9.71	Call			3,925.03000	3.92503	3,855,060	10.58	0.00	0	0
R186	On	03/11/2016	Bond Future	9.71	Put			2,355.25000	2.35525	2,387,670	10.58	0.00	0	5,000
R186	On	03/11/2016	Bond Future	8.95	Call			1,595.21000	1.59521	1,552,970	10.28	0.00	0	0
R186	On	03/11/2016	Bond Future	8.95	Put			5,185.45000	5.18545	5,245,600	10.28	0.00	0	0
R186	On	03/11/2016	Bond Future	8.96	Call			1,617.71000	1.61771	1,575,090	10.29	0.00	0	0
R186	On	03/11/2016	Bond Future	8.96	Put			5,137.84000	5.13784	5,197,610	10.29	0.00	0	0
Total R186 Option												0.00	0	29,135
Total For R186												1,300,965.00	12	128,988
R197	On	04/08/2016	Bond Future			299.23250	299.23250	299.15251	299.15251			0.00	0	1,878
R197	On	03/11/2016	Bond Future			304.95831	304.95831	304.87507	304.87507			0.00	0	0
Total R197 Future												0.00	0	1,878
R197	On	04/08/2016	Bond Future	293.96	Call			5,192.51000	5.19251	5,272,500		0.00	0	0
R197	On	04/08/2016	Bond Future	293.96	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	04/08/2016	Bond Future	293.97	Call			5,182.51000	5.18251	5,262,500		0.00	0	0
R197	On	04/08/2016	Bond Future	293.97	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	04/08/2016	Bond Future	293.98	Call			5,172.51000	5.17251	5,252,500		0.00	0	0
R197	On	04/08/2016	Bond Future	293.98	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.58	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.56	Call			1,315.07000	1.31507	1,398,310		0.00	0	0
R197	On	03/11/2016	Bond Future	303.56	Put			0.00000	0.00000	0,000		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R197	On	03/11/2016	Bond Future	303.57	Call			1,305.07000	1.30507	1,388,310		0.00	0	0
R197	On	03/11/2016	Bond Future	303.57	Put			0.00000	0.00000	0,000		0.00	0	0
R197	On	03/11/2016	Bond Future	303.58	Call			1,295.07000	1.29507	1,378,310		0.00	0	0
Total R197 Option												0.00	0	0
Total For R197												0.00	0	1,878
R202	On	04/08/2016	Bond Future			247.42701	247.42701	247.02151	247.02151		8.51	347,882,376.06	1,406	37,692
R202	On	03/11/2016	Bond Future			252.16149	252.16149	251.74679	251.74679			0.00	0	0
Total R202 Future												347,882,376.06	1,406	37,692
R202	On	04/08/2016	Bond Future	243.26	Put			2,226.25000	2.22625	2,066,650	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.24	Call			6,000.68000	6.00068	6,246,910	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.24	Put			2,219.17000	2.21917	2,059,900	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.25	Call			5,994.22000	5.99422	6,240,280	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.25	Put			2,222.71000	2.22271	2,063,270	8.91	0.00	0	0
R202	On	04/08/2016	Bond Future	243.26	Call			5,987.76000	5.98776	6,233,660	8.91	0.00	0	0
R202	On	03/11/2016	Bond Future	253.85	Call			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/11/2016	Bond Future	253.85	Put			2,103.21000	2.10321	1,688,510		0.00	0	0
R202	On	03/11/2016	Bond Future	253.86	Call			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/11/2016	Bond Future	253.86	Put			2,113.21000	2.11321	1,698,510		0.00	0	0
R202	On	03/11/2016	Bond Future	253.87	Call			0.00000	0.00000	0,000		0.00	0	0
R202	On	03/11/2016	Bond Future	253.87	Put			2,123.21000	2.12321	1,708,510		0.00	0	0
Total R202 Option												0.00	0	0
Total For R202												347,882,376.06	1,406	37,692
R2023	On	04/08/2016	Bond Future			9.17848	96.50390	9.16354	96.57317		8.01	0.00	0	10,909
R2023	On	03/11/2016	Bond Future			9.24880	94.41163	9.23324	94.48158		8.05	0.00	0	0
R2023	On	02/02/2017	Bond Future			9.31108	96.31068	9.29440	96.38325		7.75	0.00	0	0
Total R2023 Future												0.00	0	10,909
R2023	On	04/08/2016	Bond Future	8.24	Call			147.60000	0.14760	137,110	7.75	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.24	Put			4,557.20000	4.55720	4,615,980	7.75	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.25	Call			152.15000	0.15215	141,410	7.75	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.25	Put			4,512.63000	4.51263	4,571,160	7.75	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.26	Call			156.96000	0.15696	145,970	7.75	0.00	0	0
R2023	On	04/08/2016	Bond Future	8.26	Put			4,468.35000	4.46835	4,526,630	7.75	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.73	Put			1,122.28000	1.12228	1,139,270	8.23	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.74	Call			3,353.10000	3.35310	3,299,940	8.24	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.74	Put			1,108.27000	1.10827	1,125,060	8.24	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.75	Call			3,382.84000	3.38284	3,329,490	8.24	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.75	Put			1,094.40000	1.09440	1,111,000	8.24	0.00	0	0
R2023	On	03/11/2016	Bond Future	9.73	Call			3,323.47000	3.32347	3,270,510	8.23	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.84	Put			3,597.14000	3.59714	3,637,310	7.64	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.85	Call			1,609.60000	1.60960	1,576,990	7.64	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2023	On	02/02/2017	Bond Future	8.85	Put			3,569.26000	3.56926	3,609,220	7.64	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.86	Call			1,626.51000	1.62651	1,593,690	7.65	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.86	Put			3,541.52000	3.54152	3,581,270	7.65	0.00	0	0
R2023	On	02/02/2017	Bond Future	8.84	Call			1,592.80000	1.59280	1,560,400	7.64	0.00	0	0
Total R2023 Option												0.00	0	0
Total For R2023												0.00	0	10,909
R203	On	04/08/2016	Bond Future			8.05500	103.50611	8.03161	103.53030		1.31	0.00	0	58,097
R203	On	03/11/2016	Bond Future			8.13448	101.30665	8.10476	101.33069		1.12	0.00	0	0
R203	On	02/02/2017	Bond Future			8.15734	103.34453	8.11258	103.37030		0.81	0.00	0	0
Total R203 Future												0.00	0	58,097
R203	On	04/08/2016	Bond Future	7.24	Call			19.40000	0.01940	17,090	1.26	0.00	0	0
R203	On	04/08/2016	Bond Future	7.24	Put			843.23000	0.84323	865,110	1.26	0.00	0	0
R203	On	04/08/2016	Bond Future	7.25	Call			20.20000	0.02020	17,820	1.26	0.00	0	0
R203	On	04/08/2016	Bond Future	7.25	Put			833.56000	0.83356	855,370	1.26	0.00	0	0
R203	On	04/08/2016	Bond Future	7.26	Call			21.10000	0.02110	18,630	1.26	0.00	0	0
R203	On	04/08/2016	Bond Future	7.26	Put			823.99000	0.82399	845,710	1.26	0.00	0	0
R203	On	03/11/2016	Bond Future	8.84	Call			693.82000	0.69382	674,520	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.84	Put			101.61000	0.10161	106,350	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.85	Call			700.24000	0.70024	680,870	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.85	Put			100.01000	0.10001	104,680	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.86	Call			706.68000	0.70668	687,250	1.17	0.00	0	0
R203	On	03/11/2016	Bond Future	8.86	Put			98.43000	0.09843	103,040	1.17	0.00	0	0
R203	On	02/02/2017	Bond Future	7.70	Call			167.80000	0.16780	158,110	0.79	0.00	0	0
R203	On	02/02/2017	Bond Future	7.70	Put			405.89000	0.40589	421,970	0.79	0.00	0	0
R203	On	02/02/2017	Bond Future	7.71	Call			169.90000	0.16990	160,120	0.79	0.00	0	0
R203	On	02/02/2017	Bond Future	7.71	Put			402.21000	0.40221	418,200	0.79	0.00	0	0
R203	On	02/02/2017	Bond Future	7.72	Call			172.34000	0.17234	162,480	0.79	0.00	0	0
R203	On	02/02/2017	Bond Future	7.72	Put			398.86000	0.39886	414,770	0.79	0.00	0	0
Total R203 Option												0.00	0	0
Total For R203												0.00	0	58,097
R2030	On	04/08/2016	Bond Future			9.80359	86.88218	9.79402	86.94617			0.00	0	25,310
R2030	On	03/11/2016	Bond Future			9.86434	88.53816	9.85453	88.60284			0.00	0	0
Total R2030 Future												0.00	0	25,310
R2030	On	04/08/2016	Bond Future	10.17	Call			2,464.37000	2.46437	2,400,380		0.00	0	0
R2030	On	04/08/2016	Bond Future	10.17	Put			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/11/2016	Bond Future	9.33	Call			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/11/2016	Bond Future	9.33	Put			3,560.04000	3.56004	3,624,720		0.00	0	0
R2030	On	03/11/2016	Bond Future	9.34	Call			0.00000	0.00000	0,000		0.00	0	0
R2030	On	03/11/2016	Bond Future	9.34	Put			3,490.27000	3.49027	3,554,950		0.00	0	0
R2030	On	03/11/2016	Bond Future	9.35	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
R2030 On 03/11/2016 Bond Future	9.35	Put			3,420.57000	3.42057	3,485,250		0.00	0	0
Total R2030 Option									0.00	0	0
Total For R2030									0.00	0	25,310
R2032 On 04/08/2016 Bond Future			9.91179	89.88231	9.90221	89.95037		14.26	0.00	0	11,433
R2032 On 03/11/2016 Bond Future			9.97536	87.43627	9.96554	87.50511		14.59	0.00	0	0
R2032 On 02/02/2017 Bond Future			10.03224	89.19538	10.02194	89.26669		14.29	0.00	0	0
Total R2032 Future									0.00	0	11,433
R2032 On 04/08/2016 Bond Future	8.99	Call			311.08000	0.31108	295,440	13.86	0.00	0	0
R2032 On 04/08/2016 Bond Future	8.99	Put			7,167.07000	7.16707	7,219,490	13.86	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.00	Call			319.70000	0.31970	303,750	13.86	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.00	Put			7,096.32000	7.09632	7,148,430	13.86	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.01	Call			328.84000	0.32884	312,570	13.86	0.00	0	0
R2032 On 04/08/2016 Bond Future	9.01	Put			7,026.20000	7.02620	7,077,990	13.86	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.28	Call			4,580.16000	4.58016	4,527,420	14.80	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.28	Put			2,415.04000	2.41504	2,431,140	14.80	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.29	Call			4,621.08000	4.62108	4,568,150	14.81	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.29	Put			2,388.43000	2.38843	2,404,340	14.81	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.30	Call			4,662.39000	4.66239	4,609,260	14.82	0.00	0	0
R2032 On 03/11/2016 Bond Future	10.30	Put			2,362.28000	2.36228	2,377,990	14.82	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.51	Call			2,672.69000	2.67269	2,637,170	14.09	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.51	Put			6,328.37000	6.32837	6,364,160	14.09	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.52	Call			2,699.23000	2.69923	2,663,500	14.10	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.52	Put			6,281.36000	6.28136	6,316,940	14.10	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.53	Call			2,725.92000	2.72592	2,689,990	14.10	0.00	0	0
R2032 On 02/02/2017 Bond Future	9.53	Put			6,234.59000	6.23459	6,269,970	14.10	0.00	0	0
Total R2032 Option									0.00	0	0
Total For R2032									0.00	0	11,433
R2035 On 04/08/2016 Bond Future			9.94309	94.95523	9.93859	94.99038			0.00	0	5,505
R2035 On 03/11/2016 Bond Future			10.00493	92.26274	10.00037	92.29793			0.00	0	0
Total R2035 Future									0.00	0	5,505
R2035 On 04/08/2016 Bond Future	10.37	Call			3,276.14000	3.27614	3,240,990		0.00	0	0
R2035 On 04/08/2016 Bond Future	10.37	Put			0.00000	0.00000	0,000		0.00	0	0
R2035 On 04/08/2016 Bond Future	10.35	Call			3,128.35000	3.12835	3,093,200		0.00	0	0
R2035 On 04/08/2016 Bond Future	10.35	Put			0.00000	0.00000	0,000		0.00	0	0
R2035 On 04/08/2016 Bond Future	10.36	Call			3,202.29000	3.20229	3,167,140		0.00	0	0
R2035 On 04/08/2016 Bond Future	10.36	Put			0.00000	0.00000	0,000		0.00	0	0
R2035 On 03/11/2016 Bond Future	9.59	Put			3,255.22000	3.25522	3,290,410		0.00	0	0
R2035 On 03/11/2016 Bond Future	9.57	Call			0.00000	0.00000	0,000		0.00	0	0
R2035 On 03/11/2016 Bond Future	9.57	Put			3,418.45000	3.41845	3,453,640		0.00	0	0
R2035 On 03/11/2016 Bond Future	9.58	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 03/11/2016 Bond Future	9.58	Put			3,336.78000	3.33678	3,371,970		0.00	0	0
R2035 On 03/11/2016 Bond Future	9.59	Call			0.00000	0.00000	0,000		0.00	0	0
Total R2035 Option									0.00	0	0
Total For R2035									0.00	0	5,505
R2037 On 04/08/2016 Bond Future			10.01618	87.13515	10.01173	87.16954		16.35	0.00	0	41,343
R2037 On 03/11/2016 Bond Future			10.07443	88.79596	10.06992	88.83044		16.00	0.00	0	0
R2037 On 02/02/2017 Bond Future			10.12712	86.32545	10.12233	86.36168		16.46	0.00	0	0
Total R2037 Future									0.00	0	41,343
R2037 On 04/08/2016 Bond Future	9.24	Call			530.14000	0.53014	513,480	16.01	0.00	0	0
R2037 On 04/08/2016 Bond Future	9.24	Put			6,838.17000	6.83817	6,855,900	16.01	0.00	0	0
R2037 On 04/08/2016 Bond Future	9.25	Call			543.79000	0.54379	526,870	16.01	0.00	0	0
R2037 On 04/08/2016 Bond Future	9.25	Put			6,765.52000	6.76552	6,782,990	16.01	0.00	0	0
R2037 On 04/08/2016 Bond Future	9.26	Call			557.61000	0.55761	540,430	16.01	0.00	0	0
R2037 On 04/08/2016 Bond Future	9.26	Put			6,693.17000	6.69317	6,710,380	16.01	0.00	0	0
R2037 On 03/11/2016 Bond Future	10.36	Call			4,971.42000	4.97142	4,938,900	16.29	0.00	0	0
R2037 On 03/11/2016 Bond Future	10.36	Put			2,797.54000	2.79754	2,799,500	16.29	0.00	0	0
R2037 On 03/11/2016 Bond Future	10.37	Call			5,015.35000	5.01535	4,982,740	16.30	0.00	0	0
R2037 On 03/11/2016 Bond Future	10.37	Put			2,768.09000	2.76809	2,769,960	16.30	0.00	0	0
R2037 On 03/11/2016 Bond Future	10.35	Call			4,927.87000	4.92787	4,895,430	16.28	0.00	0	0
R2037 On 03/11/2016 Bond Future	10.35	Put			2,827.48000	2.82748	2,829,520	16.28	0.00	0	0
R2037 On 02/02/2017 Bond Future	9.66	Call			3,169.36000	3.16936	3,145,630	16.30	0.00	0	0
R2037 On 02/02/2017 Bond Future	9.66	Put			6,783.32000	6.78332	6,795,820	16.30	0.00	0	0
R2037 On 02/02/2017 Bond Future	9.67	Call			3,199.54000	3.19954	3,175,690	16.31	0.00	0	0
R2037 On 02/02/2017 Bond Future	9.67	Put			6,732.82000	6.73282	6,745,200	16.31	0.00	0	0
R2037 On 02/02/2017 Bond Future	9.68	Call			3,229.60000	3.22960	3,205,640	16.31	0.00	0	0
R2037 On 02/02/2017 Bond Future	9.68	Put			6,682.32000	6.68232	6,694,590	16.31	0.00	0	0
Total R2037 Option									0.00	0	0
Total For R2037									0.00	0	41,343
R204 On 04/08/2016 Bond Future			8.47994	100.06779	8.45890	100.11177		3.15	0.00	0	35,129
R204 On 03/11/2016 Bond Future			8.56328	101.97488	8.53987	102.01910		2.80	0.00	0	0
R204 On 02/02/2017 Bond Future			8.62344	99.98372	8.59589	100.03007		2.58	0.00	0	0
Total R204 Future									0.00	0	35,129
R204 On 04/08/2016 Bond Future	7.74	Call			87.49000	0.08749	79,910	3.05	0.00	0	0
R204 On 04/08/2016 Bond Future	7.74	Put			1,605.46000	1.60546	1,641,860	3.05	0.00	0	0
R204 On 04/08/2016 Bond Future	7.75	Call			90.45000	0.09045	82,680	3.05	0.00	0	0
R204 On 04/08/2016 Bond Future	7.75	Put			1,587.11000	1.58711	1,623,320	3.05	0.00	0	0
R204 On 04/08/2016 Bond Future	7.76	Call			93.39000	0.09339	85,440	3.05	0.00	0	0
R204 On 04/08/2016 Bond Future	7.76	Put			1,568.74000	1.56874	1,604,770	3.05	0.00	0	0
R204 On 03/11/2016 Bond Future	9.21	Call			1,565.80000	1.56580	1,531,130	2.91	0.00	0	0
R204 On 03/11/2016 Bond Future	9.21	Put			309.96000	0.30996	319,510	2.91	0.00	0	0

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	03/11/2016	Bond Future	9.22	Call			1,579.72000	1.57972	1,544,930	2.92	0.00	0	0
R204	On	03/11/2016	Bond Future	9.22	Put			305.29000	0.30529	314,720	2.92	0.00	0	0
R204	On	03/11/2016	Bond Future	9.23	Call			1,593.91000	1.59391	1,559,000	2.92	0.00	0	0
R204	On	03/11/2016	Bond Future	9.23	Put			300.90000	0.30090	310,210	2.92	0.00	0	0
R204	On	02/02/2017	Bond Future	8.28	Call			599.20000	0.59920	579,070	2.52	0.00	0	0
R204	On	02/02/2017	Bond Future	8.28	Put			1,132.78000	1.13278	1,159,000	2.52	0.00	0	0
R204	On	02/02/2017	Bond Future	8.29	Call			606.26000	0.60626	585,980	2.53	0.00	0	0
R204	On	02/02/2017	Bond Future	8.29	Put			1,122.89000	1.12289	1,148,960	2.53	0.00	0	0
R204	On	02/02/2017	Bond Future	8.30	Call			613.37000	0.61337	592,940	2.53	0.00	0	0
R204	On	02/02/2017	Bond Future	8.30	Put			1,113.06000	1.11306	1,138,980	2.53	0.00	0	0
Total R204 Option												0.00	0	0
Total For R204												0.00	0	35,129
R2040	On	04/08/2016	Bond Future			10.07119	90.66232	10.06675	90.69886		16.97	0.00	0	812
R2040	On	03/11/2016	Bond Future			10.12955	92.39030	10.12504	92.42702		16.61	0.00	0	0
Total R2040 Future												0.00	0	812
R2040	On	04/08/2016	Bond Future	9.49	Call			930.07000	0.93007	906,280	16.73	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.49	Put			5,892.94000	5.89294	5,905,690	16.73	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.50	Call			950.86000	0.95086	926,780	16.73	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.50	Put			5,823.89000	5.82389	5,836,350	16.73	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.51	Call			971.97000	0.97197	947,600	16.74	0.00	0	0
R2040	On	04/08/2016	Bond Future	9.51	Put			5,755.29000	5.75529	5,767,460	16.74	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.71	Put			6,085.16000	6.08516	6,095,620	16.47	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.69	Call			2,535.20000	2.53520	2,509,240	16.46	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.69	Put			6,197.24000	6.19724	6,208,000	16.46	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.70	Call			2,565.90000	2.56590	2,539,790	16.47	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.70	Put			6,141.02000	6.14102	6,151,630	16.47	0.00	0	0
R2040	On	03/11/2016	Bond Future	9.71	Call			2,596.83000	2.59683	2,570,570	16.47	0.00	0	0
Total R2040 Option												0.00	0	0
Total For R2040												0.00	0	812
R2044	On	04/08/2016	Bond Future			10.07448	87.96869	10.07514	87.96323		17.61	0.00	0	20,486
R2044	On	03/11/2016	Bond Future			10.13083	89.64532	10.13157	89.63926		17.24	0.00	0	0
R2044	On	02/02/2017	Bond Future			10.18190	87.06670	10.18253	87.06159		17.76	0.00	0	0
Total R2044 Future												0.00	0	20,486
R2044	On	04/08/2016	Bond Future	9.51	Call			960.39000	0.96039	946,540	17.37	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.51	Put			5,860.63000	5.86063	5,841,320	17.37	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.49	Call			918.69000	0.91869	905,070	17.36	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.49	Put			6,000.94000	6.00094	5,981,860	17.36	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.50	Call			939.38000	0.93938	925,640	17.36	0.00	0	0
R2044	On	04/08/2016	Bond Future	9.50	Put			5,930.55000	5.93055	5,911,350	17.36	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.43	Put			2,990.91000	2.99091	2,976,260	17.39	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R2044	On	03/11/2016	Bond Future	10.41	Call			5,283.97000	5.28397	5,275,310	17.37	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.41	Put			3,054.74000	3.05474	3,040,020	17.37	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.42	Call			5,330.24000	5.33024	5,321,610	17.38	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.42	Put			3,022.80000	3.02280	3,008,110	17.38	0.00	0	0
R2044	On	03/11/2016	Bond Future	10.43	Call			5,376.44000	5.37644	5,367,850	17.39	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.76	Call			3,575.08000	3.57508	3,567,380	17.53	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.76	Put			7,121.65000	7.12165	7,108,840	17.53	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.77	Call			3,608.22000	3.60822	3,600,520	17.53	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.77	Put			7,067.99000	7.06799	7,055,180	17.53	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.78	Call			3,641.25000	3.64125	3,633,550	17.53	0.00	0	0
R2044	On	02/02/2017	Bond Future	9.78	Put			7,014.36000	7.01436	7,001,550	17.53	0.00	0	0
Total R2044 Option												0.00	0	0
Total For R2044												0.00	0	20,486
R2048	On	04/08/2016	Bond Future			10.07043	91.34595	10.07102	91.34098		17.28	0.00	0	59,418
R2048	On	03/11/2016	Bond Future			10.12866	88.64807	10.12933	88.64249		17.77	0.00	0	0
R2048	On	02/02/2017	Bond Future			10.18252	90.43137	10.18308	90.42675		17.42	0.00	0	0
Total R2048 Future												0.00	0	59,418
R2048	On	04/08/2016	Bond Future	9.26	Call			541.26000	0.54126	530,380	16.94	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.26	Put			7,877.59000	7.87759	7,861,740	16.94	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.24	Call			513.57000	0.51357	502,990	16.93	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.24	Put			8,044.54000	8.04454	8,028,990	16.93	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.25	Call			527.28000	0.52728	516,550	16.93	0.00	0	0
R2048	On	04/08/2016	Bond Future	9.25	Put			7,960.84000	7.96084	7,945,140	16.93	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.37	Call			5,203.66000	5.20366	5,194,340	17.87	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.37	Put			3,240.17000	3.24017	3,225,270	17.87	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.38	Call			5,249.64000	5.24964	5,240,350	17.88	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.38	Put			3,206.29000	3.20629	3,191,420	17.88	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.39	Call			5,296.00000	5.29600	5,286,750	17.89	0.00	0	0
R2048	On	03/11/2016	Bond Future	10.39	Put			3,172.94000	3.17294	3,158,110	17.89	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.76	Call			3,639.99000	3.63999	3,631,900	17.19	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.76	Put			7,257.98000	7.25798	7,245,270	17.19	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.77	Call			3,673.88000	3.67388	3,665,790	17.20	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.77	Put			7,203.25000	7.20325	7,190,540	17.20	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.78	Call			3,707.65000	3.70765	3,699,550	17.20	0.00	0	0
R2048	On	02/02/2017	Bond Future	9.78	Put			7,148.56000	7.14856	7,135,840	17.20	0.00	0	0
Total R2048 Option												0.00	0	0
Total For R2048												0.00	0	59,418
R207	On	04/08/2016	Bond Future			8.79618	96.00952	8.77576	96.06725		4.63	0.00	0	76,765
R207	On	02/02/2017	Bond Future			8.94263	96.16381	8.91806	96.22443		4.19	0.00	0	0
Total R207 Future												0.00	0	76,765

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R207	On	04/08/2016	Bond Future	7.99	Call			112.44000	0.11244	102,980	4.50	0.00	0	0
R207	On	04/08/2016	Bond Future	7.99	Put			2,366.75000	2.36675	2,415,020	4.50	0.00	0	0
R207	On	04/08/2016	Bond Future	8.00	Call			116.08000	0.11608	106,390	4.50	0.00	0	0
R207	On	04/08/2016	Bond Future	8.00	Put			2,341.30000	2.34130	2,389,340	4.50	0.00	0	0
R207	On	04/08/2016	Bond Future	8.01	Call			119.81000	0.11981	109,880	4.50	0.00	0	0
R207	On	04/08/2016	Bond Future	8.01	Put			2,315.94000	2.31594	2,363,740	4.50	0.00	0	0
R207	On	02/02/2017	Bond Future	9.24	Call			1,778.22000	1.77822	1,739,480	4.24	0.00	0	0
R207	On	02/02/2017	Bond Future	9.24	Put			987.66000	0.98766	1,009,540	4.24	0.00	0	0
R207	On	02/02/2017	Bond Future	8.91	Call			1,322.17000	1.32217	1,289,160	4.18	0.00	0	62
R207	On	02/02/2017	Bond Future	8.91	Put			1,342.07000	1.34207	1,369,680	4.18	0.00	0	0
R207	On	02/02/2017	Bond Future	9.22	Call			1,748.49000	1.74849	1,710,080	4.23	0.00	0	0
R207	On	02/02/2017	Bond Future	9.22	Put			1,006.80000	1.00680	1,029,010	4.23	0.00	0	0
R207	On	02/02/2017	Bond Future	9.23	Call			1,763.32000	1.76332	1,724,750	4.24	0.00	0	0
R207	On	02/02/2017	Bond Future	9.23	Put			997.19000	0.99719	1,019,240	4.24	0.00	0	0
Total R207 Option												0.00	0	62
Total For R207												0.00	0	76,827
R208	On	04/08/2016	Bond Future			8.92555	94.30049	8.91053	94.35377		6.06	49,036,254.80	520	48,487
R208	On	03/11/2016	Bond Future			8.99941	92.69479	8.98356	92.74851		5.97	0.00	0	0
R208	On	02/02/2017	Bond Future			9.06063	94.55945	9.04330	94.61542		5.68	0.00	0	0
Total R208 Future												49,036,254.80	520	48,487
R208	On	04/08/2016	Bond Future	7.99	Call			98.40000	0.09840	91,060	5.84	0.00	0	0
R208	On	04/08/2016	Bond Future	7.99	Put			3,436.34000	3.43634	3,482,280	5.84	0.00	0	0
R208	On	04/08/2016	Bond Future	8.00	Call			101.59000	0.10159	94,070	5.84	0.00	0	0
R208	On	04/08/2016	Bond Future	8.00	Put			3,402.49000	3.40249	3,448,250	5.84	0.00	0	0
R208	On	04/08/2016	Bond Future	8.01	Call			105.01000	0.10501	97,300	5.84	0.00	0	0
R208	On	04/08/2016	Bond Future	8.01	Put			3,368.88000	3.36888	3,414,450	5.84	0.00	0	0
R208	On	03/11/2016	Bond Future	9.58	Call			2,693.83000	2.69383	2,651,750	6.12	0.00	0	0
R208	On	03/11/2016	Bond Future	9.58	Put			698.37000	0.69837	710,010	6.12	0.00	0	0
R208	On	03/11/2016	Bond Future	9.59	Call			2,717.50000	2.71750	2,675,270	6.13	0.00	0	0
R208	On	03/11/2016	Bond Future	9.59	Put			689.04000	0.68904	700,530	6.13	0.00	0	0
R208	On	03/11/2016	Bond Future	9.57	Call			2,670.46000	2.67046	2,628,520	6.12	0.00	0	0
R208	On	03/11/2016	Bond Future	9.57	Put			708.02000	0.70802	719,800	6.12	0.00	0	0
R208	On	02/02/2017	Bond Future	8.63	Put			2,522.00000	2.52200	2,552,970	5.60	0.00	0	0
R208	On	02/02/2017	Bond Future	8.64	Call			1,187.84000	1.18784	1,162,670	5.60	0.00	0	0
R208	On	02/02/2017	Bond Future	8.64	Put			2,502.00000	2.50200	2,532,800	5.60	0.00	0	0
R208	On	02/02/2017	Bond Future	8.65	Call			1,200.80000	1.20080	1,175,460	5.60	0.00	0	0
R208	On	02/02/2017	Bond Future	8.65	Put			2,482.10000	2.48210	2,512,730	5.60	0.00	0	0
R208	On	02/02/2017	Bond Future	8.63	Call			1,174.97000	1.17497	1,149,970	5.60	0.00	0	0
Total R208 Option												0.00	0	0
Total For R208												49,036,254.80	520	48,487

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	04/08/2016	Bond Future			9.88448	70.99757	9.87995	71.02689		16.33	0.00	0	54,886
R209	On	03/11/2016	Bond Future			9.93870	69.19987	9.93410	69.22936		16.78	0.00	0	0
R209	On	02/02/2017	Bond Future			9.98675	70.59205	9.98188	70.62301		16.53	0.00	0	0
Total R209 Future												0.00	0	54,886
R209	On	04/08/2016	Bond Future	9.24	Call			564.28000	0.56428	548,080	15.98	0.00	0	0
R209	On	04/08/2016	Bond Future	9.24	Put			4,907.77000	4.90777	4,920,890	15.98	0.00	0	0
R209	On	04/08/2016	Bond Future	9.25	Call			578.25000	0.57825	561,820	15.98	0.00	0	0
R209	On	04/08/2016	Bond Future	9.25	Put			4,850.69000	4.85069	4,863,580	15.98	0.00	0	0
R209	On	04/08/2016	Bond Future	9.26	Call			592.39000	0.59239	575,720	15.98	0.00	0	0
R209	On	04/08/2016	Bond Future	9.26	Put			4,793.88000	4.79388	4,806,530	15.98	0.00	0	0
R209	On	04/08/2016	Bond Future	9.60	Call			1,235.86000	1.23586	1,211,450	16.14	0.00	0	5,624
R209	On	04/08/2016	Bond Future	9.60	Put			3,086.07000	3.08607	3,090,980	16.14	0.00	0	0
R209	On	04/08/2016	Bond Future	9.70	Call			1,488.96000	1.48896	1,462,530	16.19	0.00	0	0
R209	On	04/08/2016	Bond Future	9.70	Put			2,669.59000	2.66959	2,672,480	16.19	0.00	0	250
R209	On	04/08/2016	Bond Future	10.29	Call			3,564.23000	3.56423	3,530,800	16.57	0.00	0	0
R209	On	04/08/2016	Bond Future	10.29	Put			986.09000	0.98609	981,980	16.57	0.00	0	250
R209	On	04/08/2016	Bond Future	10.60	Call			4,963.24000	4.96324	4,929,340	16.83	0.00	0	5,624
R209	On	04/08/2016	Bond Future	10.60	Put			534.35000	0.53435	529,770	16.83	0.00	0	0
R209	On	04/08/2016	Bond Future	9.40	Call			818.17000	0.81817	798,220	16.05	0.00	0	250
R209	On	04/08/2016	Bond Future	9.40	Put			4,037.26000	4.03726	4,046,630	16.05	0.00	0	0
R209	On	03/11/2016	Bond Future	10.25	Call			4,161.60000	4.16160	4,134,010	16.99	0.00	0	0
R209	On	03/11/2016	Bond Future	10.25	Put			2,180.74000	2.18074	2,182,640	16.99	0.00	0	5,000
R209	On	03/11/2016	Bond Future	10.26	Call			4,198.76000	4.19876	4,171,100	17.00	0.00	0	0
R209	On	03/11/2016	Bond Future	10.26	Put			2,156.65000	2.15665	2,158,480	17.00	0.00	0	0
R209	On	03/11/2016	Bond Future	10.24	Call			4,124.74000	4.12474	4,097,220	16.98	0.00	0	0
R209	On	03/11/2016	Bond Future	10.24	Put			2,205.23000	2.20523	2,207,200	16.98	0.00	0	0
R209	On	02/02/2017	Bond Future	9.53	Call			2,590.43000	2.59043	2,570,490	16.31	0.00	0	0
R209	On	02/02/2017	Bond Future	9.53	Put			5,558.51000	5.55851	5,569,530	16.31	0.00	0	0
R209	On	02/02/2017	Bond Future	9.54	Call			2,615.73000	2.61573	2,595,690	16.32	0.00	0	0
R209	On	02/02/2017	Bond Future	9.54	Put			5,516.03000	5.51603	5,526,950	16.32	0.00	0	0
R209	On	02/02/2017	Bond Future	9.55	Call			2,641.17000	2.64117	2,621,040	16.32	0.00	0	0
R209	On	02/02/2017	Bond Future	9.55	Put			5,473.78000	5.47378	5,484,610	16.32	0.00	0	0
Total R209 Option												0.00	0	16,998
Total For R209												0.00	0	71,884
R210	On	04/08/2016	Bond Future			187.00558	187.00558	186.85941	186.85941			0.00	0	2,571
R210	On	03/11/2016	Bond Future			188.29382	188.29382	188.14382	188.14382			0.00	0	0
Total R210 Future												0.00	0	2,571
R210	On	04/08/2016	Bond Future	181.50	Call			5,359.41000	5.35941	5,505,580		0.00	0	0
R210	On	04/08/2016	Bond Future	181.50	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	04/08/2016	Bond Future	181.51	Call			5,349.41000	5.34941	5,495,580		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
R210	On	04/08/2016	Bond Future	181.51	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	04/08/2016	Bond Future	181.52	Call			5,339.41000	5.33941	5,485,580		0.00	0	0
R210	On	04/08/2016	Bond Future	181.52	Put			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.91	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.91	Put			766.18000	0.76618	616,180		0.00	0	0
R210	On	03/11/2016	Bond Future	188.92	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.92	Put			776.18000	0.77618	626,180		0.00	0	0
R210	On	03/11/2016	Bond Future	188.90	Call			0.00000	0.00000	0,000		0.00	0	0
R210	On	03/11/2016	Bond Future	188.90	Put			756.18000	0.75618	606,180		0.00	0	0
Total R210 Option												0.00	0	0
Total For R210												0.00	0	2,571
R211	On	04/08/2016	Bond Future			139.87044	139.87044	139.83609	139.83609			0.00	0	64
R211	On	03/11/2016	Bond Future			142.54697	142.54697	142.51113	142.51113			0.00	0	0
Total R211 Future												0.00	0	64
R211	On	04/08/2016	Bond Future	137.07	Call			2,766.09000	2.76609	2,800,440		0.00	0	0
R211	On	04/08/2016	Bond Future	137.07	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	04/08/2016	Bond Future	137.08	Call			2,756.09000	2.75609	2,790,440		0.00	0	0
R211	On	04/08/2016	Bond Future	137.08	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	04/08/2016	Bond Future	137.09	Call			2,746.09000	2.74609	2,780,440		0.00	0	0
R211	On	04/08/2016	Bond Future	137.09	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	03/11/2016	Bond Future	141.74	Call			771.13000	0.77113	806,970		0.00	0	0
R211	On	03/11/2016	Bond Future	141.74	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	03/11/2016	Bond Future	141.75	Call			761.13000	0.76113	796,970		0.00	0	0
R211	On	03/11/2016	Bond Future	141.75	Put			0.00000	0.00000	0,000		0.00	0	0
R211	On	03/11/2016	Bond Future	141.76	Call			751.13000	0.75113	786,970		0.00	0	0
R211	On	03/11/2016	Bond Future	141.76	Put			0.00000	0.00000	0,000		0.00	0	0
Total R211 Option												0.00	0	0
Total For R211												0.00	0	64
R212	On	04/08/2016	Bond Future			145.72773	145.72773	145.68809	145.68809			0.00	0	4,218
R212	On	03/11/2016	Bond Future			148.51631	148.51631	148.47509	148.47509			0.00	0	0
Total R212 Future												0.00	0	4,218
R212	On	04/08/2016	Bond Future	142.42	Call			3,268.09000	3.26809	3,307,730		0.00	0	0
R212	On	04/08/2016	Bond Future	142.42	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	04/08/2016	Bond Future	142.43	Call			3,258.09000	3.25809	3,297,730		0.00	0	0
R212	On	04/08/2016	Bond Future	142.43	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	04/08/2016	Bond Future	142.44	Call			3,248.09000	3.24809	3,287,730		0.00	0	0
R212	On	04/08/2016	Bond Future	142.44	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/11/2016	Bond Future	148.11	Call			365.09000	0.36509	406,310		0.00	0	0
R212	On	03/11/2016	Bond Future	148.11	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/11/2016	Bond Future	148.12	Call			355.09000	0.35509	396,310		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R212	On	03/11/2016	Bond Future	148.12	Put			0.00000	0.00000	0,000		0.00	0	0
R212	On	03/11/2016	Bond Future	148.10	Call			375.09000	0.37509	416,310		0.00	0	0
R212	On	03/11/2016	Bond Future	148.10	Put			0.00000	0.00000	0,000		0.00	0	0
Total R212 Option												0.00	0	0
Total For R212												0.00	0	4,218
R213	On	04/08/2016	Bond Future			9.82739	81.44320	9.81775	81.50535		14.08	0.00	0	44,353
R213	On	03/11/2016	Bond Future			9.88849	79.44433	9.87862	79.50716		14.43	0.00	0	0
R213	On	02/02/2017	Bond Future			9.94450	81.04236	9.93415	81.10744		14.17	0.00	0	0
Total R213 Future												0.00	0	44,353
R213	On	04/08/2016	Bond Future	9.01	Call			365.20000	0.36520	348,120	13.77	0.00	0	0
R213	On	04/08/2016	Bond Future	9.01	Put			5,830.98000	5.83098	5,876,050	13.77	0.00	0	0
R213	On	04/08/2016	Bond Future	8.99	Call			345.89000	0.34589	329,440	13.77	0.00	0	0
R213	On	04/08/2016	Bond Future	8.99	Put			5,953.73000	5.95373	5,999,430	13.77	0.00	0	0
R213	On	04/08/2016	Bond Future	9.00	Call			355.45000	0.35545	338,680	13.77	0.00	0	0
R213	On	04/08/2016	Bond Future	9.00	Put			5,892.22000	5.89222	5,937,600	13.77	0.00	0	0
R213	On	03/11/2016	Bond Future	10.18	Call			4,105.65000	4.10565	4,057,790	14.76	0.00	0	0
R213	On	03/11/2016	Bond Future	10.18	Put			2,218.86000	2.21886	2,233,830	14.76	0.00	0	0
R213	On	03/11/2016	Bond Future	10.19	Call			4,142.68000	4.14268	4,094,650	14.76	0.00	0	0
R213	On	03/11/2016	Bond Future	10.19	Put			2,194.40000	2.19440	2,209,200	14.76	0.00	0	0
R213	On	03/11/2016	Bond Future	10.20	Call			4,180.05000	4.18005	4,131,840	14.77	0.00	0	0
R213	On	03/11/2016	Bond Future	10.20	Put			2,170.36000	2.17036	2,184,980	14.77	0.00	0	0
R213	On	02/02/2017	Bond Future	9.40	Call			2,337.25000	2.33725	2,305,480	13.93	0.00	0	0
R213	On	02/02/2017	Bond Future	9.40	Put			5,802.31000	5.80231	5,835,620	13.93	0.00	0	0
R213	On	02/02/2017	Bond Future	9.41	Call			2,360.92000	2.36092	2,328,960	13.93	0.00	0	0
R213	On	02/02/2017	Bond Future	9.41	Put			5,759.14000	5.75914	5,792,260	13.93	0.00	0	0
R213	On	02/02/2017	Bond Future	9.42	Call			2,384.74000	2.38474	2,352,590	13.94	0.00	0	0
R213	On	02/02/2017	Bond Future	9.42	Put			5,716.20000	5.71620	5,749,130	13.94	0.00	0	0
Total R213 Option												0.00	0	0
Total For R213												0.00	0	44,353
R214	On	04/08/2016	Bond Future			9.99837	71.07094	9.99382	71.10124		16.96	0.00	0	30,123
R214	On	03/11/2016	Bond Future			10.05393	69.12804	10.04931	69.15852		17.47	0.00	0	0
R214	On	02/02/2017	Bond Future			10.10502	70.51862	10.10014	70.55053		17.21	0.00	0	0
Total R214 Future												0.00	0	30,123
R214	On	04/08/2016	Bond Future	8.55	Call			50.61000	0.05061	47,610	16.48	0.00	0	1,300
R214	On	04/08/2016	Bond Future	8.55	Put			10,915.24000	10.91524	10,942,540	16.48	0.00	0	0
R214	On	04/08/2016	Bond Future	9.24	Call			448.41000	0.44841	434,120	16.60	0.00	0	0
R214	On	04/08/2016	Bond Future	9.24	Put			5,793.64000	5.79364	5,809,650	16.60	0.00	0	0
R214	On	04/08/2016	Bond Future	9.25	Call			460.28000	0.46028	445,750	16.60	0.00	0	0
R214	On	04/08/2016	Bond Future	9.26	Put			5,667.01000	5.66701	5,682,540	16.61	0.00	0	0
R214	On	04/08/2016	Bond Future	9.30	Call			523.09000	0.52309	507,380	16.62	0.00	0	1,300

Contract Details				Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
R214	On	04/08/2016	Bond Future	9.30	Put			5,418.00000	5.41800	5,432,590	16.62	0.00	0	0
R214	On	04/08/2016	Bond Future	9.25	Put			5,730.14000	5.73014	5,745,910	16.60	0.00	0	0
R214	On	04/08/2016	Bond Future	10.30	Call			3,251.45000	3.25145	3,217,370	17.22	0.00	0	5,610
R214	On	04/08/2016	Bond Future	10.30	Put			1,261.78000	1.26178	1,258,000	17.22	0.00	0	0
R214	On	04/08/2016	Bond Future	11.30	Call			8,004.82000	8.00482	7,971,540	17.84	0.00	0	5,610
R214	On	04/08/2016	Bond Future	11.30	Put			154.32000	0.15432	151,340	17.84	0.00	0	0
R214	On	04/08/2016	Bond Future	9.26	Call			472.39000	0.47239	457,620	16.61	0.00	0	0
R214	On	03/11/2016	Bond Future	10.34	Call			4,235.22000	4.23522	4,206,790	17.78	0.00	0	0
R214	On	03/11/2016	Bond Future	10.34	Put			2,361.28000	2.36128	2,363,330	17.78	0.00	0	0
R214	On	03/11/2016	Bond Future	10.35	Call			4,272.69000	4.27269	4,244,180	17.79	0.00	0	0
R214	On	03/11/2016	Bond Future	10.35	Put			2,335.83000	2.33583	2,337,800	17.79	0.00	0	0
R214	On	03/11/2016	Bond Future	10.33	Call			4,197.87000	4.19787	4,169,520	17.77	0.00	0	0
R214	On	03/11/2016	Bond Future	10.33	Put			2,386.96000	2.38696	2,389,090	17.77	0.00	0	0
R214	On	02/02/2017	Bond Future	9.68	Call			2,800.96000	2.80096	2,779,910	17.06	0.00	0	0
R214	On	02/02/2017	Bond Future	9.68	Put			5,643.86000	5.64386	5,654,720	17.06	0.00	0	0
R214	On	02/02/2017	Bond Future	9.66	Call			2,748.32000	2.74832	2,727,470	17.05	0.00	0	0
R214	On	02/02/2017	Bond Future	9.66	Put			5,731.44000	5.73144	5,742,500	17.05	0.00	0	0
R214	On	02/02/2017	Bond Future	9.67	Call			2,774.68000	2.77468	2,753,730	17.05	0.00	0	0
R214	On	02/02/2017	Bond Future	9.67	Put			5,687.64000	5.68764	5,698,600	17.05	0.00	0	0
Total R214 Option												0.00	0	13,820
Total For R214												0.00	0	43,943
Total for Bond												398,219,595.86	1,938	811,821
E170	On	01/08/2021	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total E170 Future												0.00	0	0
Total For E170												0.00	0	0
ES18	On	20/04/2018	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES18 Future												0.00	0	0
Total For ES18												0.00	0	0
ES18A	On	20/04/2018	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES18A Future												0.00	0	0
Total For ES18A												0.00	0	0
ES23	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES23 Future												0.00	0	0
Total For ES23												0.00	0	0
ES23A	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0
Total ES23A Future												0.00	0	0
Total For ES23A												0.00	0	0
ES26	On	25/01/2023	Price Contribution			100.00000	100.00000	100.00000	100.00000			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total ES26 Future										0.00	0	0
Total For ES26										0.00	0	0
ES26A On 02/04/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES26A Future										0.00	0	0
Total For ES26A										0.00	0	0
ES33 On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33 Future										0.00	0	0
Total For ES33										0.00	0	0
ES33A On 15/09/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES33A Future										0.00	0	0
Total For ES33A										0.00	0	0
ES42 On 25/04/2042 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total ES42 Future										0.00	0	0
Total For ES42										0.00	0	0
I2025 On 31/01/2025 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2025 Future										0.00	0	0
Total For I2025										0.00	0	0
I2033 On 14/08/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
I2033 On 28/02/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2033 Future										0.00	0	0
Total For I2033										0.00	0	0
I2038 On 31/01/2038 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2038 Future										0.00	0	0
Total For I2038										0.00	0	0
I2046 On 31/03/2046 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2046 Future										0.00	0	0
Total For I2046										0.00	0	0
I2050 On 31/12/2050 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total I2050 Future										0.00	0	0
Total For I2050										0.00	0	0
R186 On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186 Future										0.00	0	0
Total For R186										0.00	0	0
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186/R207 Future										0.00	0	0
Total For R186/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
R186/R On 21/12/2026 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R186/R208 Future										0.00	0	0
Total For R186/R208										0.00	0	0
R197 On 07/12/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R197 Future										0.00	0	0
Total For R197										0.00	0	0
R202 On 07/12/2033 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R202 Future										0.00	0	0
Total For R202										0.00	0	0
R2023 On 28/02/2023 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2023 Future										0.00	0	0
Total For R2023										0.00	0	0
R203 On 15/09/2017 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R203 Future										0.00	0	0
Total For R203										0.00	0	0
R2030 On 31/01/2030 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2030 Future										0.00	0	0
Total For R2030										0.00	0	0
R2032 On 31/03/2032 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2032 Future										0.00	0	0
Total For R2032										0.00	0	0
R2035 On 28/02/2035 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2035 Future										0.00	0	0
Total For R2035										0.00	0	0
R2037 On 31/01/2037 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2037 Future										0.00	0	0
Total For R2037										0.00	0	0
R204 On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204 Future										0.00	0	0
Total For R204										0.00	0	0
R204/R On 21/12/2018 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R204/R203 Future										0.00	0	0
Total For R204/R203										0.00	0	0
R2040 On 06/10/2015 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
R2040 On 31/01/2040 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R2040 Future										0.00	0	0

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

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For R210										0.00	0	0
R211 On 31/01/2017 Price Contribution			100.00000	100.00000	100.00000	100.00000				0.00	0	0
Total R211 Future										0.00	0	0
Total For R211										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 04/08/2016 GOVI			498.97100	498.97100	499.24200	499.24200				0.00	0	465
GOVI On 03/11/2016 GOVI			508.58300	508.58300	508.85600	508.85600				0.00	0	156
GOVI On 02/02/2017 GOVI			518.80900	518.80900	519.09400	519.09400				0.00	0	0
Total GOVI Future										0.00	0	621
GOVI On 04/08/2016 GOVI	520.99	Call			0.00000	0.00000	0,000			0.00	0	0
GOVI On 04/08/2016 GOVI	520.99	Put			217,480.00000	21.74800	220,190,000			0.00	0	0
GOVI On 04/08/2016 GOVI	521.00	Call			0.00000	0.00000	0,000			0.00	0	0
GOVI On 04/08/2016 GOVI	521.00	Put			217,580.00000	21.75800	220,290,000			0.00	0	0
GOVI On 04/08/2016 GOVI	521.01	Call			0.00000	0.00000	0,000			0.00	0	0
GOVI On 04/08/2016 GOVI	521.01	Put			217,680.00000	21.76800	220,390,000			0.00	0	0
GOVI On 03/11/2016 GOVI	476.11	Call			327,460.00000	32.74600	324,730,000			0.00	0	0
GOVI On 03/11/2016 GOVI	476.11	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 03/11/2016 GOVI	476.12	Call			327,360.00000	32.73600	324,630,000			0.00	0	0
GOVI On 03/11/2016 GOVI	476.12	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 03/11/2016 GOVI	476.13	Call			327,260.00000	32.72600	324,530,000			0.00	0	0
GOVI On 03/11/2016 GOVI	476.13	Put			0.00000	0.00000	0,000			0.00	0	0
GOVI On 02/02/2017 GOVI	533.32	Call			0.00000	0.00000	0,000			0.00	0	0
GOVI On 02/02/2017 GOVI	533.32	Put			142,260.00000	14.22600	145,110,000			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 02/02/2017 GOVI	533.33	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 02/02/2017 GOVI	533.33	Put			142,360.00000	14.23600	145,210,000		0.00	0	0
GOVI On 02/02/2017 GOVI	533.34	Call			0.00000	0.00000	0,000		0.00	0	0
GOVI On 02/02/2017 GOVI	533.34	Put			142,460.00000	14.24600	145,310,000		0.00	0	0
Total GOVI Option									0.00	0	0
Total For GOVI									0.00	0	621
Total for GOVI									0.00	0	621
AL37 On 04/08/2016 Index Future			480.92400	480.92400	481.22100	481.22100			4,809,240.00	1	18
AL37 On 03/11/2016 Index Future			490.18800	490.18800	490.48900	490.48900			0.00	0	0
Total AL37 Future									4,809,240.00	1	18
Total For AL37									4,809,240.00	1	18
AL7T On 04/08/2016 Index Future			549.16600	549.16600	549.65500	549.65500			0.00	0	11
AL7T On 03/11/2016 Index Future			559.74500	559.74500	560.24100	560.24100			0.00	0	0
Total AL7T Future									0.00	0	11
Total For AL7T									0.00	0	11
ALBI On 04/08/2016 Index Future			500.02000	500.02000	500.28000	500.28000			0.00	0	617
ALBI On 03/11/2016 Index Future			509.65300	509.65300	509.91500	509.91500			0.00	0	0
ALBI On 02/02/2017 Index Future			519.90000	519.90000	520.17400	520.17400			0.00	0	0
Total ALBI Future									0.00	0	617
Total For ALBI									0.00	0	617
IGOV On 04/08/2016 Index Future			245.62000	245.62000	245.63400	245.63400			0.00	0	1,077
IGOV On 03/11/2016 Index Future			250.37100	250.37100	250.38400	250.38400			0.00	0	23
IGOV On 02/02/2017 Index Future			255.42500	255.42500	255.44200	255.44200			0.00	0	0
Total IGOV Future									0.00	0	1,100
Total For IGOV									0.00	0	1,100
ILBI On 04/08/2016 Index Future			666.97500	666.97500	666.84800	666.84800			0.00	0	157
ILBI On 03/11/2016 Index Future			679.70800	679.70800	679.57800	679.57800			0.00	0	0
Total ILBI Future									0.00	0	157
Total For ILBI									0.00	0	157
Total for Index									4,809,240.00	1	1,903
JIBAR f On 15/06/2016 Jibar Future			7.33000	92.67000	7.33000	92.67000			0.00	0	0
JIBAR f On 20/07/2016 Jibar Future			7.47000	92.53000	7.47000	92.53000			0.00	0	0
JIBAR f On 17/08/2016 Jibar Future			7.51000	92.49000	7.51000	92.49000			0.00	0	0
JIBAR f On 21/09/2016 Jibar Future			7.64000	92.36000	7.64000	92.36000			0.00	0	0
JIBAR f On 19/10/2016 Jibar Future			7.68000	92.32000	7.68000	92.32000			0.00	0	0
JIBAR f On 16/11/2016 Jibar Future			7.71000	92.29000	7.71000	92.29000			0.00	0	0
JIBAR f On 21/12/2016 Jibar Future			7.84000	92.16000	7.84000	92.16000			0.00	0	0
JIBAR f On 15/03/2017 Jibar Future			8.07000	91.93000	8.07000	91.93000			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
JIBAR F On 21/06/2017		Jibar Future	8.23000	91.77000	8.23000	91.77000				0.00	0	0
JIBAR F On 20/09/2017		Jibar Future	8.32000	91.68000	8.32000	91.68000				0.00	0	0
JIBAR F On 20/12/2017		Jibar Future	8.39000	91.61000	8.39000	91.61000				0.00	0	0
JIBAR F On 20/03/2018		Jibar Future	8.46000	91.54000	8.46000	91.54000				0.00	0	0
Total Jibar Future										0.00	0	0
Total For JIBAR FUTURE										0.00	0	0
Total for Jibar										0.00	0	0
10Y ST On 17/12/2025		Interest Rate Swap	103.71896	103.71896	103.79985	103.79985				0.00	0	0
10Y ST On 16/03/2026		Interest Rate Swap	101.00989	101.00989	101.09579	101.09579				0.00	0	0
10Y ST On 15/06/2026		Interest Rate Swap	99.93809	99.93809	100.02762	100.02762				0.00	0	0
Total 10Y STND Future										0.00	0	0
Total For 10Y STND										0.00	0	0
1Y STN On 19/12/2016		Interest Rate Swap	100.12542	100.12542	100.12781	100.12781				0.00	0	0
1Y STN On 16/03/2017		Interest Rate Swap	100.16266	100.16266	100.16772	100.16772				0.00	0	0
1Y STN On 15/06/2017		Interest Rate Swap	99.94524	99.94524	99.95476	99.95476				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	100.64917	100.64917	100.65141	100.65141				0.00	0	0
2Y STN On 16/03/2018		Interest Rate Swap	100.13690	100.13690	100.13653	100.13653				0.00	0	0
2Y STN On 15/06/2018		Interest Rate Swap	100.03122	100.03122	100.02601	100.02601				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	101.17614	101.17614	101.21651	101.21651				0.00	0	0
5Y STN On 16/03/2021		Interest Rate Swap	100.72112	100.72112	100.76479	100.76479				0.00	0	0
5Y STN On 15/06/2021		Interest Rate Swap	100.23284	100.23284	100.27956	100.27956				0.00	0	0
Total 5Y STND Future										0.00	0	0
Total For 5Y STND										0.00	0	0
Total for Interest Rate Swap										0.00	0	0
Total for Derivatives :									403,028,835.86	1,939	814,345	
AA04 On 22/03/2017		Spot Bond		100.00000	0.00000	101.64400				0.00	0	0
Total AA04 SPOT										0.00	0	0
Total For AA04										0.00	0	0
AA05 On 22/03/2019		Spot Bond	11.79000	95.87955	11.79000	95.84970				0.00	0	5,000,000,000
Total AA05 SPOT										0.00	0	5,000,000,000
Total For AA05										0.00	0	5,000,000,000
AA06 On 15/04/2021		Spot Bond		100.00000	0.00000	101.10944				0.00	0	0
Total AA06 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AA06										0.00	0	0
AA07 On 15/04/2021 Spot Bond			10.65000	96.87348	10.65000	96.84602				0.00	0	0
Total AA07 SPOT										0.00	0	0
Total For AA07										0.00	0	0
AB01/R On 24/11/2020 Spot Bond			10.00000	108.06000	10.00000	108.03100				0.00	0	0
Total AB01/R186 SPOT										0.00	0	0
Total For AB01/R186										0.00	0	0
AB010 On 21/11/2022 Spot Bond				100.00000	0.00000	100.16156				0.00	0	0
Total AB010 SPOT										0.00	0	0
Total For AB010										0.00	0	0
AB011 On 21/11/2023 Spot Bond				100.00000	0.00000	99.23241				0.00	0	0
Total AB011 SPOT										0.00	0	0
Total For AB011										0.00	0	0
AB013 On 21/11/2018 Spot Bond			10.44500	95.66500	10.44500	95.63854				0.00	0	310,000,000
Total AB013 SPOT										0.00	0	310,000,000
Total For AB013										0.00	0	310,000,000
AB014L On 19/11/2024 Spot Bond			100.00000	9.75213	100.00000	9.72851				0.00	0	0
Total AB014U SPOT										0.00	0	0
Total For AB014U										0.00	0	0
AB015L On 13/11/2024 Spot Bond			10.84000	100.34721	10.84000	100.31843				0.00	0	0
Total AB015U SPOT										0.00	0	0
Total For AB015U										0.00	0	0
AB016L On 05/02/2025 Spot Bond			100.00000	11.12858	100.00000	11.10655				0.00	0	0
Total AB016U SPOT										0.00	0	0
Total For AB016U										0.00	0	0
AB018L On 04/09/2025 Spot Bond			11.37000	102.68120	11.37000	102.65035				0.00	0	0
Total AB018U SPOT										0.00	0	0
Total For AB018U										0.00	0	0
AB019L On 04/09/2025 Spot Bond			100.00000	9.75801	100.00000	9.73437				0.00	0	0
Total AB019U SPOT										0.00	0	0
Total For AB019U										0.00	0	0
AB020L On 03/09/2027 Spot Bond			11.81000	88.26672	11.81000	88.23881				0.00	0	0
Total AB020U SPOT										0.00	0	0
Total For AB020U										0.00	0	0
AB021L On 03/09/2027 Spot Bond			100.00000	9.85697	100.00000	9.83309				0.00	0	0
Total AB021U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AB021U										0.00	0	0
AB023L On 05/05/2021 Spot Bond			100.00000	13.42960	100.00000	13.39706				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	16.38134	100.00000	16.35574				0.00	0	0
Total AB024U SPOT										0.00	0	0
Total For AB024U										0.00	0	0
AB08 On 03/05/2017 Spot Bond				100.00000	0.00000	100.94764				0.00	0	0
Total AB08 SPOT										0.00	0	0
Total For AB08										0.00	0	0
AB09 On 03/05/2017 Spot Bond			9.57500	101.40206	9.57500	101.37628				0.00	0	0
Total AB09 SPOT										0.00	0	0
Total For AB09										0.00	0	0
ABC12 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				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			2.72000	118.69359	2.72000	275.66038				0.00	0	140,000,000
Total ABCPI3 SPOT										0.00	0	140,000,000
Total For ABCPI3										0.00	0	140,000,000
ABFN07 On 17/03/2018 Spot Bond				100.00000	0.00000	102.27938				0.00	0	0
Total ABFN07 SPOT										0.00	0	0
Total For ABFN07										0.00	0	0
ABFN08 On 17/03/2020 Spot Bond				100.00000	0.00000	102.27736				0.00	0	0
Total ABFN08 SPOT										0.00	0	0
Total For ABFN08										0.00	0	0
ABFN09 On 17/03/2026 Spot Bond				100.00000	0.00000	101.84612				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	99.54614				0.00	0	0
Total ABFN10 SPOT										0.00	0	0
Total For ABFN10										0.00	0	0
ABFN11 On 09/04/2017 Spot Bond				100.00000	0.00000	101.04062				0.00	1,462,452,000	1,462,452,000
Total ABFN11 SPOT										0.00	1,462,452,000	1,462,452,000
Total For ABFN11										0.00	1,462,452,000	1,462,452,000
ABFN12 On 09/04/2019 Spot Bond				100.00000	0.00000	100.83513				0.00	0	0
Total ABFN12 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For ABFN12									0.00	0	0
ABFN1: On 14/05/2020 Spot Bond				100.00000	0.00000	100.46247			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	100.28361			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	100.30731			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	99.70114			0.00	500,000,000	500,000,000
Total ABFN16 SPOT									0.00	500,000,000	500,000,000
Total For ABFN16									0.00	500,000,000	500,000,000
ABFN1: On 17/05/2019 Spot Bond				100.00000	0.00000	100.33798			0.00	0	0
Total ABFN17 SPOT									0.00	0	0
Total For ABFN17									0.00	0	0
ABK1 On 07/11/2018 Spot Bond			12.39000	98.76952	12.39000	98.90780			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	97.70031			0.00	0	0
Total ABK10 SPOT									0.00	0	0
Total For ABK10									0.00	0	0
ABK11 On 20/05/2019 Spot Bond				100.00000	0.00000	99.17369			0.00	409,600,000	204,800,000
Total ABK11 SPOT									0.00	409,600,000	204,800,000
Total For ABK11									0.00	409,600,000	204,800,000
ABK12 On 20/05/2022 Spot Bond				100.00000	0.00000	100.33017			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			9.46000	101.77471	9.46000	100.24746			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	98.98841			0.00	0	218,311,100
Total ABK3 SPOT									0.00	0	218,311,100
Total For ABK3									0.00	0	218,311,100
ABK4 On 24/05/2018 Spot Bond				100.00000	0.00000	100.08889			0.00	167,822,200	83,911,100
Total ABK4 SPOT									0.00	167,822,200	83,911,100

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For ABK4									0.00	167,822,200	83,911,100
ABK5 On 31/10/2018 Spot Bond				100.00000	0.00000	99.74946			0.00	511,422,200	255,711,100
Total ABK5 SPOT									0.00	511,422,200	255,711,100
Total For ABK5									0.00	511,422,200	255,711,100
ABK6 On 05/06/2020 Spot Bond				100.00000	0.00000	99.83903			0.00	0	0
Total ABK6 SPOT									0.00	0	0
Total For ABK6									0.00	0	0
ABK7 On 03/06/2019 Spot Bond				100.00000	0.00000	96.73301			0.00	0	0
Total ABK7 SPOT									0.00	0	0
Total For ABK7									0.00	0	0
ABK8 On 03/06/2021 Spot Bond				100.00000	0.00000	93.73955			0.00	0	0
Total ABK8 SPOT									0.00	0	0
Total For ABK8									0.00	0	0
ABK9 On 18/11/2019 Spot Bond				100.00000	0.00000	94.96173			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			5.70000	100.99354	5.70000	137.15730			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			5.70000	95.79139	5.70000	120.85102			0.00	0	0
Total ABKI02 SPOT									0.00	0	0
Total For ABKI02									0.00	0	0
ABKI03 On 13/10/2021 Spot Bond			6.20000	88.76186	6.20000	103.95853			0.00	0	0
Total ABKI03 SPOT									0.00	0	0
Total For ABKI03									0.00	0	0
ABKI04 On 13/03/2024 Spot Bond			6.79000	96.74175	6.79000	109.92083			0.00	0	0
Total ABKI04 SPOT									0.00	0	0
Total For ABKI04									0.00	0	0
ABKS1 On 04/04/2026 Spot Bond				100.00000	0.00000	92.03542			0.00	480,617,620	240,308,810
Total ABKS1 SPOT									0.00	480,617,620	240,308,810
Total For ABKS1									0.00	480,617,620	240,308,810
ABN05 On 18/04/2021 Spot Bond			2.05000	183.75007	2.05000	183.66034			0.00	0	0
Total ABN05 SPOT									0.00	0	0
Total For ABN05									0.00	0	0
ABN09 On 27/06/2023 Spot Bond			2.17000	187.28513	2.17000	187.19308			0.00	0	0
Total ABN09 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ABN09										0.00	0	0
ABN14 On 10/10/2033 Spot Bond			1.82000	197.60119	1.82000	197.50593				0.00	0	0
Total ABN14 SPOT										0.00	0	0
Total For ABN14										0.00	0	0
ABN33 On 29/01/2018 Spot Bond			8.97125	86.69965	8.97125	86.68616				0.00	0	0
Total ABN33 SPOT										0.00	0	0
Total For ABN33										0.00	0	0
ABN34 On 29/01/2018 Spot Bond			8.97125	86.69965	8.97125	86.68616				0.00	0	0
Total ABN34 SPOT										0.00	0	0
Total For ABN34										0.00	0	0
ABN39 On 21/09/2016 Spot Bond				100.00000	0.00000	102.20133				0.00	0	0
Total ABN39 SPOT										0.00	0	0
Total For ABN39										0.00	0	0
ABN47 On 05/04/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN47 SPOT										0.00	0	0
Total For ABN47										0.00	0	0
ABN48 On 13/04/2017 Spot Bond				100.00000	0.00000	101.12902				0.00	0	0
Total ABN48 SPOT										0.00	0	0
Total For ABN48										0.00	0	0
ABN53 On 01/06/2016 Spot Bond				100.00000	0.00000	100.77000				0.00	0	0
Total ABN53 SPOT										0.00	0	0
Total For ABN53										0.00	0	0
ABN54 On 14/06/2016 Spot Bond				100.00000	0.00000	100.52000				0.00	0	0
Total ABN54 SPOT										0.00	0	0
Total For ABN54										0.00	0	0
ABN55 On 27/06/2017 Spot Bond				100.00000	0.00000	101.46221				0.00	0	0
Total ABN55 SPOT										0.00	0	0
Total For ABN55										0.00	0	0
ABN58 On 16/07/2017 Spot Bond				100.00000	0.00000	101.07692				0.00	870,000,000	290,000,000
Total ABN58 SPOT										0.00	870,000,000	290,000,000
Total For ABN58										0.00	870,000,000	290,000,000
ABN59 On 20/07/2016 Spot Bond				100.00000	0.00000	98.78000				0.00	0	0
Total ABN59 SPOT										0.00	0	0
Total For ABN59										0.00	0	0
ABN60 On 23/08/2016 Spot Bond				100.00000	0.00000	98.59000				0.00	0	0
Total ABN60 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ABN60										0.00	0	0
ABN61 On 31/01/2025 Spot Bond			2.74000	94.99553	2.74000	117.01405				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			2.55000	100.94646	2.55000	170.82849				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			2.45000	114.11682	2.45000	224.41972				0.00	0	0
Total ABN63 SPOT										0.00	0	0
Total For ABN63										0.00	0	0
ABN66 On 21/11/2016 Spot Bond				100.00000	0.00000	97.05000				0.00	0	0
Total ABN66 SPOT										0.00	0	0
Total For ABN66										0.00	0	0
ABN67 On 28/02/2023 Spot Bond			10.72000	87.93532	10.72000	87.91051				0.00	0	0
Total ABN67 SPOT										0.00	0	0
Total For ABN67										0.00	0	0
ABN68 On 12/02/2018 Spot Bond				100.00000	0.00000	101.95000				0.00	0	0
Total ABN68 SPOT										0.00	0	0
Total For ABN68										0.00	0	0
ABN70 On 28/03/2017 Spot Bond				100.00000	0.00000	109.97000				0.00	0	0
Total ABN70 SPOT										0.00	0	0
Total For ABN70										0.00	0	0
ABN72 On 17/03/2018 Spot Bond				100.00000	0.00000	102.33813				0.00	0	0
Total ABN72 SPOT										0.00	0	0
Total For ABN72										0.00	0	0
ABN73 On 03/05/2017 Spot Bond				100.00000	0.00000	105.05000				0.00	0	0
Total ABN73 SPOT										0.00	0	0
Total For ABN73										0.00	0	0
ABN74 On 09/05/2018 Spot Bond				100.00000	0.00000	117.14000				0.00	0	0
Total ABN74 SPOT										0.00	0	0
Total For ABN74										0.00	0	0
ABN75 On 07/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN75 SPOT										0.00	0	0
Total For ABN75										0.00	0	0
ABN76 On 21/12/2026 Spot Bond			9.63000	110.35054	9.63000	110.32218				0.00	0	0
Total ABN76 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ABN76										0.00	0	0
ABN77 On 07/06/2017 Spot Bond				100.00000	0.00000	108.87000				0.00	0	0
Total ABN77 SPOT										0.00	0	0
Total For ABN77										0.00	0	0
ABN78 On 20/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN78 SPOT										0.00	0	0
Total For ABN78										0.00	0	0
ABN79 On 21/12/2026 Spot Bond			10.76500	103.01502	10.76500	102.98551				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			10.02500	88.82304	10.02500	88.79929				0.00	0	0
Total ABN80 SPOT										0.00	0	0
Total For ABN80										0.00	0	0
ABN81 On 05/07/2016 Spot Bond				100.00000	0.00000	122.80000				0.00	0	0
Total ABN81 SPOT										0.00	0	0
Total For ABN81										0.00	0	0
ABN82 On 05/07/2016 Spot Bond				100.00000	0.00000	128.87000				0.00	0	0
Total ABN82 SPOT										0.00	0	0
Total For ABN82										0.00	0	0
ABN83 On 05/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN83 SPOT										0.00	0	0
Total For ABN83										0.00	0	0
ABN84 On 05/07/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ABN84 SPOT										0.00	0	0
Total For ABN84										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			11.31000	99.74271	11.31000	99.71272				0.00	0	0
Total ABN87 SPOT										0.00	0	0
Total For ABN87										0.00	0	0
ABN88 On 06/09/2016 Spot Bond				100.00000	0.00000	98.94000				0.00	0	0
Total ABN88 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For ABN88									0.00	0	0
ABN91 On 11/12/2018 Spot Bond				100.00000	0.00000	101.97122			0.00	0	0
Total ABN91 SPOT									0.00	0	0
Total For ABN91									0.00	0	0
ABN92 On 31/01/2019 Spot Bond				100.00000	0.00000	95.92534			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			9.17500	103.15555	9.17500	103.13040			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			10.50000	97.35060	10.50000	97.32338			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			10.28500	97.18218	10.28500	97.15569			0.00	0	0
Total ABS12 SPOT									0.00	0	0
Total For ABS12									0.00	0	0
ABS13 On 14/05/2022 Spot Bond			10.73000	95.90848	10.73000	95.88125			0.00	0	600,000,000
Total ABS13 SPOT									0.00	0	600,000,000
Total For ABS13									0.00	0	600,000,000
ABS14 On 11/11/2020 Spot Bond			10.23000	97.26391	10.23000	97.23754			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			10.73000	96.13728	10.73000	96.10998			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			11.61000	93.71851	11.61000	93.68977		4,644,000,000,000.00		400,000,000	400,000,000
Total ABS16 SPOT								4,644,000,000,000.00		400,000,000	400,000,000
Total For ABS16								4,644,000,000,000.00		400,000,000	400,000,000
ABS17 On 11/11/2027 Spot Bond			11.61000	94.50239	11.61000	94.47341			0.00	0	1,500,000,000
Total ABS17 SPOT									0.00	0	1,500,000,000
Total For ABS17									0.00	0	1,500,000,000
ABS6 On 01/06/2020 Spot Bond			10.18500	93.60918	10.18500	93.58377		203,700,000,000.00		20,000,000	900,000,000
Total ABS6 SPOT								203,700,000,000.00		20,000,000	900,000,000
Total For ABS6								203,700,000,000.00		20,000,000	900,000,000
ABS7 On 11/09/2026 Spot Bond			11.56000	85.57726	11.56000	85.55113			0.00	0	3,860,000,000
Total ABS7 SPOT									0.00	0	3,860,000,000

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 ABS7										0.00	0	3,860,000,000
ABS12 On 07/12/2023 Spot Bond			2.91000	215.09306	2.91000	272.38348				0.00	0	0
Total ABS12 SPOT										0.00	0	0
Total For ABSI2										0.00	0	0
ABS13 On 31/01/2017 Spot Bond			2.15000	135.30594	2.15000	138.25580				0.00	0	0
Total ABSI3 SPOT										0.00	0	0
Total For ABSI3										0.00	0	0
ABS14 On 31/01/2022 Spot Bond			2.20000	139.01183	2.20000	141.73427				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	0.01729	100.00000	0.01725				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	25.03375	100.00000	24.97310				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	79.45531				0.00	0	0
Total ACL047 SPOT										0.00	0	0
Total For ACL047										0.00	0	0
ACL04L On 20/06/2016 Spot Bond			100.00000	95.05208	100.00000	94.80519				0.00	0	0
Total ACL04U SPOT										0.00	0	0
Total For ACL04U										0.00	0	0
ACL082 On 30/07/2017 Spot Bond				100.00000	0.00000	103.06015				0.00	0	0
Total ACL082 SPOT										0.00	0	0
Total For ACL082										0.00	0	0
ACL083 On 30/07/2017 Spot Bond				100.00000	0.00000	103.06015				0.00	0	0
Total ACL083 SPOT										0.00	0	0
Total For ACL083										0.00	0	0
ACL084 On 30/07/2017 Spot Bond				100.00000	0.00000	103.07606				0.00	0	0
Total ACL084 SPOT										0.00	0	0
Total For ACL084										0.00	0	0
ACL086 On 30/07/2017 Spot Bond				100.00000	0.00000	103.07606				0.00	0	0
Total ACL086 SPOT										0.00	0	0
Total For ACL086										0.00	0	0
ACL087 On 30/07/2017 Spot Bond				100.00000	0.00000	103.04424				0.00	0	0
Total ACL087 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ACL087										0.00	0	0
ACL087 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				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	101.83536				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	101.88275				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	101.90178				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	101.86365				0.00	0	0
Total ACL098 SPOT										0.00	0	0
Total For ACL098										0.00	0	0
ACL100 On 20/12/2017 Spot Bond				100.00000	0.00000	101.77813				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			10.49500	100.52644	10.49500	100.49814				0.00	0	0
Total ACL104 SPOT										0.00	0	0
Total For ACL104										0.00	0	0
ACL118 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL118 SPOT										0.00	0	0
Total For ACL118										0.00	0	0
ACL120 On 26/01/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL120 SPOT										0.00	0	0
Total For ACL120										0.00	0	0
ACL122 On 20/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL122 SPOT										0.00	0	0
Total For ACL122										0.00	0	0
ACL126 On 20/09/2016 Spot Bond				100.00000	0.00000	97.75339				0.00	0	0
Total ACL126 SPOT										0.00	0	0
Total For ACL126										0.00	0	0
ACL127 On 20/09/2021 Spot Bond				100.00000	0.00000	240.84661				0.00	0	0
Total ACL127 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ACL127										0.00	0	0
ACL127 On 20/09/2021 Spot Bond				100.00000	0.00000	240.89565				0.00	0	0
Total ACL128 SPOT										0.00	0	0
Total For ACL128										0.00	0	0
ACL128 On 20/09/2021 Spot Bond				100.00000	0.00000	101.81614				0.00	0	0
Total ACL129 SPOT										0.00	0	0
Total For ACL129										0.00	0	0
ACL129 On 20/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL136 SPOT										0.00	0	0
Total For ACL136										0.00	0	0
ACL136 On 02/09/2016 Spot Bond				100.00000	0.00000	99.95213				0.00	0	0
Total ACL137 SPOT										0.00	0	0
Total For ACL137										0.00	0	0
ACL137 On 20/09/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ACL138 SPOT										0.00	0	0
Total For ACL138										0.00	0	0
ACL138 On 30/07/2017 Spot Bond				100.00000	0.00000	103.06638				0.00	0	0
Total ACL139 SPOT										0.00	0	0
Total For ACL139										0.00	0	0
ACL139 On 30/07/2017 Spot Bond				100.00000	0.00000	103.19164				0.00	0	0
Total ACL141 SPOT										0.00	0	0
Total For ACL141										0.00	0	0
ACL141 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total ACL142/JIBAR SPOT										0.00	0	0
Total For ACL142/JIBAR										0.00	0	0
ACL142 On 20/12/2016 Spot Bond				100.00000	0.00000	102.49052				0.00	14,004,000	3,501,000
Total ACL143 SPOT										0.00	14,004,000	3,501,000
Total For ACL143										0.00	14,004,000	3,501,000
ACL143 On 20/12/2016 Spot Bond				100.00000	0.00000	102.13566				0.00	0	0
Total ACL144 SPOT										0.00	0	0
Total For ACL144										0.00	0	0
ACL144 On 20/12/2021 Spot Bond				100.00000	0.00000	101.82189				0.00	0	0
Total ACL145 SPOT										0.00	0	0
Total For ACL145										0.00	0	0
ACL145 On 20/03/2017 Spot Bond				100.00000	0.00000	102.20565				0.00	0	0
Total ACL151 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ACL151										0.00	0	0
ACL15f On 20/03/2017 Spot Bond				100.00000	0.00000	101.78781				0.00	0	0
Total ACL156 SPOT										0.00	0	0
Total For ACL156										0.00	0	0
ACL157 On 20/03/2017 Spot Bond				100.00000	0.00000	101.72100				0.00	0	0
Total ACL157 SPOT										0.00	0	0
Total For ACL157										0.00	0	0
ACL161 On 20/03/2022 Spot Bond			10.23000	101.99884	10.23000	101.97119				0.00	0	0
Total ACL161 SPOT										0.00	0	0
Total For ACL161										0.00	0	0
ACL16f On 20/06/2017 Spot Bond				100.00000	0.00000	107.17210				0.00	0	0
Total ACL165 SPOT										0.00	0	0
Total For ACL165										0.00	0	0
ACL167 On 20/06/2019 Spot Bond			10.52000	102.54063	10.52000	102.51191				0.00	0	0
Total ACL167 SPOT										0.00	0	0
Total For ACL167										0.00	0	0
ACL16f On 20/06/2017 Spot Bond				100.00000	0.00000	101.78200				0.00	0	0
Total ACL168 SPOT										0.00	0	0
Total For ACL168										0.00	0	0
ACL16f On 20/06/2017 Spot Bond			1.75000	126.15127	1.75000	126.09069				0.00	0	0
Total ACL169 SPOT										0.00	0	0
Total For ACL169										0.00	0	0
ACL17c On 20/06/2017 Spot Bond				100.00000	0.00000	101.76864				0.00	0	0
Total ACL173 SPOT										0.00	0	0
Total For ACL173										0.00	0	0
ACL17c On 20/06/2019 Spot Bond				100.00000	0.00000	101.81634				0.00	0	0
Total ACL174 SPOT										0.00	0	0
Total For ACL174										0.00	0	0
ACL17f On 20/06/2019 Spot Bond				100.00000	0.00000	101.72092				0.00	0	0
Total ACL175 SPOT										0.00	0	0
Total For ACL175										0.00	0	0
ACL181 On 20/06/2017 Spot Bond				100.00000	0.00000	101.91357				0.00	0	0
Total ACL181 SPOT										0.00	0	0
Total For ACL181										0.00	0	0
ACL18c On 20/06/2017 Spot Bond				100.00000	0.00000	102.49699				0.00	0	0
Total ACL182 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ACL182										0.00	0	0
ACL182 On 20/06/2019 Spot Bond				100.00000	0.00000	103.50418				0.00	0	0
Total ACL183 SPOT										0.00	0	0
Total For ACL183										0.00	0	0
ACL183 On 20/09/2017 Spot Bond				100.00000	0.00000	102.17633				0.00	0	0
Total ACL184 SPOT										0.00	0	0
Total For ACL184										0.00	0	0
ACL184 On 20/09/2022 Spot Bond				100.00000	0.00000	101.80661				0.00	0	0
Total ACL185 SPOT										0.00	0	0
Total For ACL185										0.00	0	0
ACL185 On 20/09/2016 Spot Bond				100.00000	0.00000	101.74853				0.00	0	0
Total ACL186 SPOT										0.00	0	0
Total For ACL186										0.00	0	0
ACL186 On 20/09/2020 Spot Bond				100.00000	0.00000	101.82940				0.00	0	0
Total ACL187 SPOT										0.00	0	0
Total For ACL187										0.00	0	0
ACL187 On 20/09/2020 Spot Bond				100.00000	0.00000	101.85419				0.00	0	0
Total ACL188 SPOT										0.00	0	0
Total For ACL188										0.00	0	0
ACL188 On 20/09/2022 Spot Bond				100.00000	0.00000	101.86001				0.00	0	0
Total ACL193 SPOT										0.00	0	0
Total For ACL193										0.00	0	0
ACL193 On 20/09/2022 Spot Bond				100.00000	0.00000	101.86001				0.00	0	0
Total ACL194 SPOT										0.00	0	0
Total For ACL194										0.00	0	0
ACL194 On 20/06/2017 Spot Bond				100.00000	0.00000	101.96896				0.00	0	0
Total ACL195 SPOT										0.00	0	0
Total For ACL195										0.00	0	0
ACL195 On 20/12/2017 Spot Bond				100.00000	0.00000	101.77813				0.00	0	0
Total ACL196 SPOT										0.00	0	0
Total For ACL196										0.00	0	0
ACL196 On 20/06/2017 Spot Bond				100.00000	0.00000	101.95370				0.00	0	0
Total ACL197 SPOT										0.00	0	0
Total For ACL197										0.00	0	0
ACL197 On 20/06/2017 Spot Bond				100.00000	0.00000	102.90269				0.00	0	0
Total ACL198 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ACL198										0.00	0	0
ACL198 On 20/06/2017 Spot Bond				100.00000	0.00000	101.96896				0.00	0	0
Total ACL199 SPOT										0.00	0	0
Total For ACL199										0.00	0	0
ACL200 On 21/11/2016 Spot Bond				100.00000	0.00000	103.17017				0.00	0	0
Total ACL200 SPOT										0.00	0	0
Total For ACL200										0.00	0	0
ACL201 On 20/12/2022 Spot Bond				100.00000	0.00000	101.89245				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	101.89245				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	173.75198				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	174.99791				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	101.66944				0.00	0	0
Total ACL208 SPOT										0.00	0	0
Total For ACL208										0.00	0	0
ACL210 On 20/05/2018 Spot Bond				100.00000	0.00000	100.24901				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	101.70559				0.00	0	0
Total ACL212 SPOT										0.00	0	0
Total For ACL212										0.00	0	0
ACL213 On 20/06/2018 Spot Bond				100.00000	0.00000	99.75605				0.00	0	0
Total ACL213 SPOT										0.00	0	0
Total For ACL213										0.00	0	0
ACL214 On 20/09/2020 Spot Bond				100.00000	0.00000	92.45988				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	101.68460				0.00	0	0
Total ACL215 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ACL215										0.00	0	0
ACL215 On 20/12/2018 Spot Bond				100.00000	0.00000	101.68271				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	101.79901				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	100.52419				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	100.92437				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	100.91116				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	101.79135				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	101.76274				0.00	0	0
Total ACL222 SPOT										0.00	0	0
Total For ACL222										0.00	0	0
ADCB0 On 08/03/2018 Spot Bond				100.00000	0.00000	99.74083				0.00	0	0
Total ADCB01 SPOT										0.00	0	0
Total For ADCB01										0.00	0	0
ADCB0 On 31/07/2016 Spot Bond				100.00000	0.00000	100.74142				0.00	0	0
Total ADCB02 SPOT										0.00	0	0
Total For ADCB02										0.00	0	0
ADCB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.10151				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	99.84787				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	22.84825	100.00000	22.79289				0.00	0	0
Total ADCB2U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ADCB2U										0.00	0	0
ADCP1 On 03/06/2016 Spot Bond				100.00000	0.00000	94.02200				0.00	0	0
Total ADCP11 SPOT										0.00	0	0
Total For ADCP11										0.00	0	0
AER011 On 18/11/2016 Spot Bond			100.00000	82.51121	100.00000	82.32662				0.00	0	0
Total AER01U SPOT										0.00	0	0
Total For AER01U										0.00	0	0
AFS1U On 27/09/2019 Spot Bond			100.00000	18.74398	100.00000	18.69856				0.00	0	0
Total AFS1U SPOT										0.00	0	0
Total For AFS1U										0.00	0	0
AFS2U On 02/07/2020 Spot Bond			100.00000	2.60871	100.00000	2.60233				0.00	0	0
Total AFS2U SPOT										0.00	0	0
Total For AFS2U										0.00	0	0
AHF2A: On 18/10/2018 Spot Bond				100.00000	0.00000	101.06394				0.00	0	0
Total AHF2A2 SPOT										0.00	0	0
Total For AHF2A2										0.00	0	0
AHF2B: On 18/10/2018 Spot Bond				100.00000	0.00000	101.09885				0.00	0	0
Total AHF2B2 SPOT										0.00	0	0
Total For AHF2B2										0.00	0	0
AHF2C: On 18/10/2018 Spot Bond				100.00000	0.00000	101.21511				0.00	0	0
Total AHF2C2 SPOT										0.00	0	0
Total For AHF2C2										0.00	0	0
AHF3A: On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total AHF3A1 SPOT										0.00	0	0
Total For AHF3A1										0.00	0	0
AHF3A: On 18/10/2042 Spot Bond				100.00000	0.00000	101.02905				0.00	0	0
Total AHF3A3 SPOT										0.00	0	0
Total For AHF3A3										0.00	0	0
AHF3A: On 18/10/2019 Spot Bond				100.00000	0.00000	101.04070				0.00	0	0
Total AHF3A4 SPOT										0.00	0	0
Total For AHF3A4										0.00	0	0
AHF3B: On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total AHF3B1 SPOT										0.00	0	0
Total For AHF3B1										0.00	0	0
AHF3B: On 18/10/2019 Spot Bond				100.00000	0.00000	101.33132				0.00	0	0
Total AHF3B2 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AHF3B2										0.00	0	0
AHF3B: On 18/04/2019 Spot Bond				100.00000	0.00000	101.27327				0.00	0	0
Total AHF3B3 SPOT										0.00	0	0
Total For AHF3B3										0.00	0	0
AHF3C On 18/10/2039 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total AHF3C1 SPOT										0.00	0	0
Total For AHF3C1										0.00	0	0
AHF3C: On 18/04/2019 Spot Bond				100.00000	0.00000	101.74816				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	101.57472				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	39.70511	100.00000	39.60272				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	11.78964	100.00000	11.75924				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	12.26542	100.00000	12.21736				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	9.98901	100.00000	9.94988				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			10.04000	98.31748	10.04000	98.29132				0.00	0	0
Total AIR01 SPOT										0.00	0	0
Total For AIR01										0.00	0	0
AIR02 On 30/04/2023 Spot Bond			10.86000	104.91473	10.86000	104.88442				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			10.46000	93.62697	10.46000	93.60103				0.00	0	0
Total AIR04 SPOT										0.00	0	0
Total For AIR04										0.00	0	0
AIR04U On 26/10/2029 Spot Bond			100.00000	12.55401	100.00000	12.52623				0.00	0	0
Total AIR04U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AIR04U										0.00	0	0
AIR05 On 29/05/2030 Spot Bond			11.17000	91.89392	11.17000	91.86678				0.00	0	0
Total AIR05 SPOT										0.00	0	0
Total For AIR05										0.00	0	0
AIRL01 On 30/04/2028 Spot Bond			2.80000	174.28252	2.80000	174.19389				0.00	0	242,426,600
Total AIRL01 SPOT										0.00	0	242,426,600
Total For AIRL01										0.00	0	242,426,600
ANG01 On 09/12/2016 Spot Bond				100.00000	0.00000	102.01940				0.00	0	0
Total ANG010 SPOT										0.00	0	0
Total For ANG010										0.00	0	0
APF01 On 26/09/2017 Spot Bond				100.00000	0.00000	101.54800				0.00	1,600,000,000	400,000,000
Total APF01 SPOT										0.00	1,600,000,000	400,000,000
Total For APF01										0.00	1,600,000,000	400,000,000
APF02 On 26/09/2019 Spot Bond				100.00000	0.00000	101.65087				0.00	0	60,000,000
Total APF02 SPOT										0.00	0	60,000,000
Total For APF02										0.00	0	60,000,000
APF03 On 07/08/2018 Spot Bond				100.00000	0.00000	100.55217				0.00	0	70,000,000
Total APF03 SPOT										0.00	0	70,000,000
Total For APF03										0.00	0	70,000,000
AS116L On 15/01/2018 Spot Bond			100.00000	42.76068	100.00000	42.65595				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	30.02409	100.00000	29.95136				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	8.86510	100.00000	8.84362				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	8.86510	100.00000	8.84362				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	2.93910	100.00000	2.93106				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	0.04838	100.00000	0.04833				0.00	0	0
Total AS139U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For AS139U										0.00	0	0
ASN00: On 03/01/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN002 SPOT										0.00	0	0
Total For ASN002										0.00	0	0
ASN00: On 28/02/2017 Spot Bond				100.00000	0.00000	100.02003				0.00	0	0
Total ASN006 SPOT										0.00	0	0
Total For ASN006										0.00	0	0
ASN00: On 20/12/2016 Spot Bond				100.00000	0.00000	101.58727				0.00	0	0
Total ASN007 SPOT										0.00	0	0
Total For ASN007										0.00	0	0
ASN00: On 06/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN008 SPOT										0.00	0	0
Total For ASN008										0.00	0	0
ASN01: On 04/03/2019 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN010 SPOT										0.00	0	0
Total For ASN010										0.00	0	0
ASN01: On 20/03/2019 Spot Bond				100.00000	0.00000	101.72099				0.00	0	0
Total ASN011 SPOT										0.00	0	0
Total For ASN011										0.00	0	0
ASN01: On 20/06/2017 Spot Bond				100.00000	0.00000	101.63823				0.00	0	0
Total ASN012 SPOT										0.00	0	0
Total For ASN012										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
ASN01: On 04/04/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN015 SPOT										0.00	0	0
Total For ASN015										0.00	0	0
ASN01: On 11/04/2017 Spot Bond				100.00000	0.00000	98.37000				0.00	0	0
Total ASN016 SPOT										0.00	0	0
Total For ASN016										0.00	0	0
ASN02: On 09/06/2017 Spot Bond				100.00000	0.00000	115.46388				0.00	0	0
Total ASN020 SPOT										0.00	0	0
Total For ASN020										0.00	0	0
ASN02: On 07/12/2033 Spot Bond			2.70000	243.32691	2.70000	243.20376				0.00	0	0
Total ASN022 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN022										0.00	0	0
ASN02: On 15/08/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN024 SPOT										0.00	0	0
Total For ASN024										0.00	0	0
ASN02: On 20/06/2019 Spot Bond				100.00000	0.00000	100.12228				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	89.96333				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	100.52603				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			2.71500	171.03303	2.71500	216.58915				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 20/12/2016 Spot Bond				100.00000	0.00000	101.59873				0.00	0	0
Total ASN046 SPOT										0.00	0	0
Total For ASN046										0.00	0	0
ASN04: On 12/03/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN048 SPOT										0.00	0	0
Total For ASN048										0.00	0	0
ASN05: On 19/03/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN051 SPOT										0.00	0	0
Total For ASN051										0.00	0	0
ASN05: On 24/09/2016 Spot Bond				100.00000	0.00000	101.59676				0.00	0	0
Total ASN052 SPOT										0.00	0	0
Total For ASN052										0.00	0	0
ASN05: On 13/10/2016 Spot Bond				100.00000	0.00000	101.13550				0.00	300,000,000	300,000,000
Total ASN054 SPOT										0.00	300,000,000	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 For ASN054										0.00	300,000,000	300,000,000
ASN05: On 16/04/2018 Spot Bond				100.00000	0.00000	101.05543				0.00	0	0
Total ASN057 SPOT										0.00	0	0
Total For ASN057										0.00	0	0
ASN05: On 22/04/2020 Spot Bond				100.00000	0.00000	101.02360				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	100.86377				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	100.72262				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	98.95646				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	99.97726				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	101.73910				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	100.55500				0.00	0	0
Total ASN069 SPOT										0.00	0	0
Total For ASN069										0.00	0	0
ASN07: On 12/06/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN070 SPOT										0.00	0	0
Total For ASN070										0.00	0	0
ASN07: On 30/06/2016 Spot Bond				100.00000	0.00000	101.23634				0.00	0	0
Total ASN072 SPOT										0.00	0	0
Total For ASN072										0.00	0	0
ASN07: On 20/07/2018 Spot Bond				100.00000	0.00000	86.47179				0.00	0	0
Total ASN073 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN073										0.00	0	0
ASN07: On 02/07/2016 Spot Bond				100.00000	0.00000	101.26381				0.00	0	0
Total ASN074 SPOT										0.00	0	0
Total For ASN074										0.00	0	0
ASN07: On 23/07/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN077 SPOT										0.00	0	0
Total For ASN077										0.00	0	0
ASN07: On 20/06/2020 Spot Bond				100.00000	0.00000	102.02760				0.00	0	0
Total ASN078 SPOT										0.00	0	0
Total For ASN078										0.00	0	0
ASN08: On 20/09/2020 Spot Bond				100.00000	0.00000	101.73977				0.00	0	0
Total ASN080 SPOT										0.00	0	0
Total For ASN080										0.00	0	0
ASN08: On 10/12/2017 Spot Bond				100.00000	0.00000	102.00326				0.00	0	0
Total ASN081 SPOT										0.00	0	0
Total For ASN081										0.00	0	0
ASN08: On 17/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN082 SPOT										0.00	0	0
Total For ASN082										0.00	0	0
ASN08: On 20/06/2020 Spot Bond				100.00000	0.00000	101.06058				0.00	16,000,000	1,166,400,000
Total ASN083 SPOT										0.00	16,000,000	1,166,400,000
Total For ASN083										0.00	16,000,000	1,166,400,000
ASN08: On 03/09/2020 Spot Bond				100.00000	0.00000	99.91971				0.00	0	0
Total ASN084 SPOT										0.00	0	0
Total For ASN084										0.00	0	0
ASN08: On 25/09/2018 Spot Bond				100.00000	0.00000	101.52578				0.00	0	0
Total ASN086 SPOT										0.00	0	0
Total For ASN086										0.00	0	0
ASN08: On 01/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN087 SPOT										0.00	0	0
Total For ASN087										0.00	0	0
ASN08: On 05/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN088 SPOT										0.00	0	0
Total For ASN088										0.00	0	0
ASN09: On 08/10/2018 Spot Bond				100.00000	0.00000	101.29219				0.00	0	0
Total ASN090 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN090										0.00	0	0
ASN09 On 16/10/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN091 SPOT										0.00	0	0
Total For ASN091										0.00	0	0
ASN09 On 21/10/2020 Spot Bond				100.00000	0.00000	101.02809				0.00	0	0
Total ASN092 SPOT										0.00	0	0
Total For ASN092										0.00	0	0
ASN09 On 29/10/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN094 SPOT										0.00	0	0
Total For ASN094										0.00	0	0
ASN09 On 10/11/2020 Spot Bond				100.00000	0.00000	100.54190				0.00	0	0
Total ASN096 SPOT										0.00	0	0
Total For ASN096										0.00	0	0
ASN09 On 17/08/2016 Spot Bond				100.00000	0.00000	100.31106				0.00	0	0
Total ASN098 SPOT										0.00	0	0
Total For ASN098										0.00	0	0
ASN09 On 20/12/2020 Spot Bond				100.00000	0.00000	60.17959				0.00	0	0
Total ASN099 SPOT										0.00	0	0
Total For ASN099										0.00	0	0
ASN11 On 02/12/2020 Spot Bond				100.00000	0.00000	99.95134				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	101.78767				0.00	0	0
Total ASN112 SPOT										0.00	0	0
Total For ASN112										0.00	0	0
ASN11 On 08/03/2021 Spot Bond				100.00000	0.00000	99.83133				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 21/07/2016 Spot Bond				100.00000	0.00000	100.95890				0.00	0	0
Total ASN118 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN118										0.00	0	0
ASN118 On 27/01/2018 Spot Bond				100.00000	0.00000	100.81343				0.00	0	0
Total ASN119 SPOT										0.00	0	0
Total For ASN119										0.00	0	0
ASN120 On 20/12/2020 Spot Bond				100.00000	0.00000	102.27343				0.00	0	0
Total ASN121 SPOT										0.00	0	0
Total For ASN121										0.00	0	0
ASN121 On 20/03/2019 Spot Bond				100.00000	0.00000	101.75439				0.00	0	0
Total ASN125 SPOT										0.00	0	0
Total For ASN125										0.00	0	0
ASN125 On 24/02/2019 Spot Bond				100.00000	0.00000	100.17793				0.00	0	0
Total ASN128 SPOT										0.00	0	0
Total For ASN128										0.00	0	0
ASN128 On 24/02/2019 Spot Bond				100.00000	0.00000	100.18842				0.00	0	0
Total ASN129 SPOT										0.00	0	0
Total For ASN129										0.00	0	0
ASN129 On 24/02/2019 Spot Bond				100.00000	0.00000	100.17514				0.00	0	0
Total ASN130 SPOT										0.00	0	0
Total For ASN130										0.00	0	0
ASN130 On 03/03/2019 Spot Bond				100.00000	0.00000	99.92798				0.00	0	0
Total ASN131 SPOT										0.00	0	0
Total For ASN131										0.00	0	0
ASN131 On 03/03/2019 Spot Bond				100.00000	0.00000	99.92858				0.00	0	0
Total ASN132 SPOT										0.00	0	0
Total For ASN132										0.00	0	0
ASN132 On 20/12/2020 Spot Bond				100.00000	0.00000	102.85483				0.00	0	0
Total ASN134 SPOT										0.00	0	0
Total For ASN134										0.00	0	0
ASN134 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
ASN135 On 31/12/2018 Spot Bond				100.00000	0.00000	70.70333				0.00	0	0
Total ASN136 SPOT										0.00	0	0
Total For ASN136										0.00	0	0
ASN136 On 31/01/2022 Spot Bond			2.93000	136.37620	2.93000	136.47887				0.00	0	0
Total ASN137 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN137										0.00	0	0
ASN137 On 12/09/2016 Spot Bond				100.00000	0.00000	103.25686				0.00	0	0
Total ASN138 SPOT										0.00	0	0
Total For ASN138										0.00	0	0
ASN140 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
ASN141 On 31/12/2018 Spot Bond				100.00000	0.00000	70.44542				0.00	0	0
Total ASN141 SPOT										0.00	0	0
Total For ASN141										0.00	0	0
ASN142 On 20/06/2017 Spot Bond				100.00000	0.00000	101.03556				0.00	0	0
Total ASN142 SPOT										0.00	0	0
Total For ASN142										0.00	0	0
ASN143 On 20/06/2020 Spot Bond				100.00000	0.00000	100.88084				0.00	0	0
Total ASN143 SPOT										0.00	0	0
Total For ASN143										0.00	0	0
ASN144 On 28/04/2021 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ASN144 SPOT										0.00	0	0
Total For ASN144										0.00	0	0
ASN145 On 20/06/2021 Spot Bond				100.00000	0.00000	58.51370				0.00	0	6,836,005,600
Total ASN145 SPOT										0.00	0	6,836,005,600
Total For ASN145										0.00	0	6,836,005,600
ASN146 On 04/05/2021 Spot Bond				100.00000	0.00000	100.68958				0.00	0	0
Total ASN146 SPOT										0.00	0	0
Total For ASN146										0.00	0	0
ASN147 On 04/05/2021 Spot Bond				100.00000	0.00000	100.68958				0.00	0	0
Total ASN147 SPOT										0.00	0	0
Total For ASN147										0.00	0	0
ASN148 On 11/11/2016 Spot Bond				100.00000	0.00000	100.77700				0.00	0	0
Total ASN148 SPOT										0.00	0	0
Total For ASN148										0.00	0	0
ASN149 On 31/01/2022 Spot Bond			100.00000	4.93065	100.00000	4.89787				0.00	0	1,500,000,000
Total ASN149 SPOT										0.00	0	1,500,000,000
Total For ASN149										0.00	0	1,500,000,000
ASN35U On 20/12/2016 Spot Bond			100.00000	70.43011	100.00000	70.27424				0.00	0	0
Total ASN35U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ASN35U										0.00	0	0
ASN38I On 20/12/2017 Spot Bond			100.00000	32.52595	100.00000	32.44716				0.00	0	0
Total ASN38U SPOT										0.00	0	0
Total For ASN38U										0.00	0	0
ASN39I On 20/12/2017 Spot Bond			100.00000	32.62029	100.00000	32.54127				0.00	0	0
Total ASN39U SPOT										0.00	0	0
Total For ASN39U										0.00	0	0
ASN40I On 20/12/2017 Spot Bond			100.00000	32.19577	100.00000	32.11778				0.00	0	0
Total ASN40U SPOT										0.00	0	0
Total For ASN40U										0.00	0	0
ASN43I On 10/03/2017 Spot Bond			100.00000	65.47392	100.00000	65.31530				0.00	0	0
Total ASN43U SPOT										0.00	0	0
Total For ASN43U										0.00	0	0
ASN49I On 19/09/2016 Spot Bond			100.00000	97.07859	100.00000	96.82774				0.00	0	0
Total ASN49U SPOT										0.00	0	0
Total For ASN49U										0.00	0	0
ASN50I On 16/03/2018 Spot Bond			100.00000	32.42964	100.00000	32.35108				0.00	0	0
Total ASN50U SPOT										0.00	0	0
Total For ASN50U										0.00	0	0
ASN55I On 29/12/2016 Spot Bond			100.00000	64.16252	100.00000	64.00708				0.00	0	0
Total ASN55U SPOT										0.00	0	0
Total For ASN55U										0.00	0	0
ASN56I On 29/06/2016 Spot Bond			100.00000	94.60697	100.00000	94.36686				0.00	0	0
Total ASN56U SPOT										0.00	0	0
Total For ASN56U										0.00	0	0
ASN75I On 20/09/2020 Spot Bond			100.00000	2.68798	100.00000	2.68147				0.00	0	0
Total ASN75U SPOT										0.00	0	0
Total For ASN75U										0.00	0	0
ASN89I On 02/10/2018 Spot Bond			100.00000	23.73170	100.00000	23.67358				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	101.74494				0.00	0	0
Total BAR001 SPOT										0.00	0	0
Total For BAR001										0.00	0	0
BAW10 On 01/10/2016 Spot Bond				100.00000	0.00000	101.56850				0.00	0	3,000,000,000
Total BAW10 SPOT										0.00	0	3,000,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For BAW10									0.00	0	3,000,000,000
BAW11 On 01/10/2018 Spot Bond			9.91500	101.37263	9.91500	101.34583			0.00	0	0
Total BAW11 SPOT									0.00	0	0
Total For BAW11									0.00	0	0
BAW13 On 17/04/2017 Spot Bond				100.00000	0.00000	101.34097			0.00	0	0
Total BAW13 SPOT									0.00	0	0
Total For BAW13									0.00	0	0
BAW17 On 05/12/2018 Spot Bond				100.00000	0.00000	99.59830			0.00	0	0
Total BAW17 SPOT									0.00	0	0
Total For BAW17									0.00	0	0
BAW18 On 05/12/2020 Spot Bond				100.00000	0.00000	100.22234			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			11.35000	93.71231	11.35000	93.68405			0.00	0	6,110,000,000
Total BAW19 SPOT									0.00	0	6,110,000,000
Total For BAW19									0.00	0	6,110,000,000
BAW21 On 24/03/2022 Spot Bond			10.96000	94.69276	10.96000	94.66531			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	101.69604	9.30000	101.67092			0.00	0	0
Total BAW21/R208 SPOT									0.00	0	0
Total For BAW21/R208									0.00	0	0
BAW22 On 07/12/2022 Spot Bond				100.00000	0.00000	100.18405			0.00	0	1,676,400,000
Total BAW22 SPOT									0.00	0	1,676,400,000
Total For BAW22									0.00	0	1,676,400,000
BAW23 On 15/10/2017 Spot Bond			100.00000	36.77074	100.00000	36.68068			0.00	0	0
Total BAW23U SPOT									0.00	0	0
Total For BAW23U									0.00	0	0
BAW3 On 02/10/2017 Spot Bond				100.00000	0.00000	102.91377			0.00	0	0
Total BAW3 SPOT									0.00	0	0
Total For BAW3									0.00	0	0
BAW8 On 02/10/2017 Spot Bond			9.72500	101.86700	9.72500	101.84058			0.00	0	0
Total BAW8 SPOT									0.00	0	0
Total For BAW8									0.00	0	0
BAYA06 On 30/09/2016 Spot Bond				100.00000	0.00000	102.00405			0.00	0	0
Total BAYA06 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BAYA06										0.00	0	0
BAYA06 On 31/12/2017 Spot Bond			12.61299	100.82017	12.61299	100.77239				0.00	0	0
Total BAYA08 SPOT										0.00	0	0
Total For BAYA08										0.00	0	0
BAYA08 On 30/06/2016 Spot Bond			11.06000	101.98631	11.06000	101.95628				0.00	0	0
Total BAYA15 SPOT										0.00	0	0
Total For BAYA15										0.00	0	0
BAYA15 On 30/09/2016 Spot Bond			10.91537	101.12062	10.91537	101.61780				0.00	0	0
Total BAYA16 SPOT										0.00	0	0
Total For BAYA16										0.00	0	0
BAYA16 On 30/09/2016 Spot Bond				100.00000	0.00000	102.18164				0.00	0	0
Total BAYA17 SPOT										0.00	0	0
Total For BAYA17										0.00	0	0
BAYA17 On 31/12/2016 Spot Bond				100.00000	0.00000	102.02327				0.00	0	0
Total BAYA18 SPOT										0.00	0	0
Total For BAYA18										0.00	0	0
BAYA18 On 31/12/2016 Spot Bond				100.00000	0.00000	102.02327				0.00	0	0
Total BAYA19 SPOT										0.00	0	0
Total For BAYA19										0.00	0	0
BAYA19 On 30/06/2017 Spot Bond			12.61629	99.68596	12.61629	100.56564				0.00	0	0
Total BAYA23 SPOT										0.00	0	0
Total For BAYA23										0.00	0	0
BAYA23 On 30/06/2017 Spot Bond			12.50000	100.47598	12.50000	100.44201				0.00	0	0
Total BAYA24 SPOT										0.00	0	0
Total For BAYA24										0.00	0	0
BAYA24 On 30/06/2017 Spot Bond				100.00000	0.00000	101.87856				0.00	0	0
Total BAYA25 SPOT										0.00	0	0
Total For BAYA25										0.00	0	0
BAYA25 On 30/09/2017 Spot Bond			12.42500	87.62466	12.42500	99.04120				0.00	0	0
Total BAYA26 SPOT										0.00	0	0
Total For BAYA26										0.00	0	0
BAYA26 On 30/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BAYA27 SPOT										0.00	0	0
Total For BAYA27										0.00	0	0
BAYA27 On 31/12/2018 Spot Bond				100.00000	0.00000	101.92924				0.00	0	0
Total BAYA31 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BAYA31										0.00	0	0
BAYA31 On 31/03/2018 Spot Bond			12.39000	82.70435	12.39000	101.00841				0.00	0	100,000,000
Total BAYA32 SPOT										0.00	0	100,000,000
Total For BAYA32										0.00	0	100,000,000
BAYA32 On 31/03/2018 Spot Bond				100.00000	0.00000	101.87923				0.00	0	0
Total BAYA33 SPOT										0.00	0	0
Total For BAYA33										0.00	0	0
BAYA33 On 31/03/2018 Spot Bond				100.00000	0.00000	101.92057				0.00	0	0
Total BAYA34 SPOT										0.00	0	0
Total For BAYA34										0.00	0	0
BAYA34 On 31/03/2018 Spot Bond				100.00000	0.00000	101.92057				0.00	0	0
Total BAYA35 SPOT										0.00	0	0
Total For BAYA35										0.00	0	0
BAYA35 On 31/03/2018 Spot Bond				100.00000	0.00000	98.70347				0.00	0	0
Total BAYA36 SPOT										0.00	0	0
Total For BAYA36										0.00	0	0
BAYA36 On 30/09/2018 Spot Bond				100.00000	0.00000	101.92092				0.00	0	0
Total BAYA39 SPOT										0.00	0	0
Total For BAYA39										0.00	0	0
BAYA39 On 30/09/2018 Spot Bond				100.00000	0.00000	99.83427				0.00	0	0
Total BAYA41 SPOT										0.00	0	0
Total For BAYA41										0.00	0	0
BAYA41 On 30/09/2018 Spot Bond				100.00000	0.00000	101.92092				0.00	0	0
Total BAYA42 SPOT										0.00	0	0
Total For BAYA42										0.00	0	0
BAYA42 On 31/03/2017 Spot Bond				100.00000	0.00000	101.86341				0.00	0	0
Total BAYA43 SPOT										0.00	0	0
Total For BAYA43										0.00	0	0
BAYA43 On 31/03/2017 Spot Bond				100.00000	0.00000	101.86341				0.00	0	0
Total BAYA44 SPOT										0.00	0	0
Total For BAYA44										0.00	0	0
BAYA44 On 31/03/2019 Spot Bond				100.00000	0.00000	101.92103				0.00	0	0
Total BAYA45 SPOT										0.00	0	0
Total For BAYA45										0.00	0	0
BAYA45 On 31/03/2017 Spot Bond				100.00000	0.00000	101.63147				0.00	0	0
Total BAYA50 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For BAYA50									0.00	0	0
BAYA5 On 31/03/2019 Spot Bond				100.00000	0.00000	101.83359			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	102.06159			0.00	0	0
Total BAYA52 SPOT									0.00	0	0
Total For BAYA52									0.00	0	0
BAYB0 On 31/12/2016 Spot Bond			15.89250	102.31056	15.89250	102.25057			0.00	0	0
Total BAYB03 SPOT									0.00	0	0
Total For BAYB03									0.00	0	0
BAYB0 On 31/03/2017 Spot Bond			14.80357	102.09662	14.80357	102.10906		21,709,174,447,668.00	1,466,482,372	0	
Total BAYB04 SPOT								21,709,174,447,668.00	1,466,482,372	0	
Total For BAYB04								21,709,174,447,668.00	1,466,482,372	0	
BAYB0 On 30/06/2019 Spot Bond				100.00000	0.00000	102.45802			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	102.45784			0.00	0	0
Total BAYB06 SPOT									0.00	0	0
Total For BAYB06									0.00	0	0
BAYB0 On 31/03/2020 Spot Bond				100.00000	0.00000	102.45793			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	102.54023			0.00	0	0
Total BAYB08 SPOT									0.00	0	0
Total For BAYB08									0.00	0	0
BAYB0 On 30/09/2018 Spot Bond				100.00000	0.00000	102.16886			0.00	0	0
Total BAYB09 SPOT									0.00	0	0
Total For BAYB09									0.00	0	0
BAYC1 On 31/12/2016 Spot Bond			100.00000	66.73143	100.00000	66.60483			0.00	0	0
Total BAYC1U SPOT									0.00	0	0
Total For BAYC1U									0.00	0	0
BAYD1 On 30/06/2035 Spot Bond			100.00000	21.75885	100.00000	21.70556			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	19.80300	100.00000	19.75450			0.00	0	0
Total BAYD2U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BAYD2U										0.00	0	0
BAYD3I On 30/06/2035 Spot Bond			100.00000	12.22407	100.00000	12.19413				0.00	0	0
Total BAYD3U SPOT										0.00	0	0
Total For BAYD3U										0.00	0	0
BAYD4I On 30/06/2035 Spot Bond			100.00000	12.23353	100.00000	12.20389				0.00	0	0
Total BAYD4U SPOT										0.00	0	0
Total For BAYD4U										0.00	0	0
BAYD5I On 30/06/2035 Spot Bond			100.00000	14.77949	100.00000	14.74329				0.00	0	0
Total BAYD5U SPOT										0.00	0	0
Total For BAYD5U										0.00	0	0
BAYD6I On 30/06/2035 Spot Bond			100.00000	12.80617	100.00000	12.77481				0.00	0	0
Total BAYD6U SPOT										0.00	0	0
Total For BAYD6U										0.00	0	0
BC103L On 12/08/2016 Spot Bond			100.00000	86.92554	100.00000	86.72709				0.00	0	0
Total BC103U SPOT										0.00	0	0
Total For BC103U										0.00	0	0
BC105L On 02/09/2016 Spot Bond			100.00000	83.00164	100.00000	82.82081				0.00	0	0
Total BC105U SPOT										0.00	0	0
Total For BC105U										0.00	0	0
BC106L On 03/06/2016 Spot Bond			100.00000	99.45504	100.00000	99.18478				0.00	0	0
Total BC106U SPOT										0.00	0	0
Total For BC106U										0.00	0	0
BC107L On 29/07/2016 Spot Bond			100.00000	86.28842	100.00000	86.08491				0.00	0	0
Total BC107U SPOT										0.00	0	0
Total For BC107U										0.00	0	0
BC108L On 28/10/2016 Spot Bond			100.00000	84.85321	100.00000	84.59451				0.00	0	0
Total BC108U SPOT										0.00	0	0
Total For BC108U										0.00	0	0
BC109L On 24/08/2016 Spot Bond			100.00000	81.29176	100.00000	81.11111				0.00	0	0
Total BC109U SPOT										0.00	0	0
Total For BC109U										0.00	0	0
BCJ04 On 21/04/2017 Spot Bond				100.00000	0.00000	100.92003				0.00	0	0
Total BCJ04 SPOT										0.00	0	0
Total For BCJ04										0.00	0	0
BCJ06 On 07/07/2017 Spot Bond				100.00000	0.00000	101.22660				0.00	0	0
Total BCJ06 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For BCJ06									0.00	0	0
BCJ08 On 14/11/2016 Spot Bond				100.00000	0.00000	100.34516			0.00	0	0
Total BCJ08 SPOT									0.00	0	0
Total For BCJ08									0.00	0	0
BCP3U On 30/06/2019 Spot Bond			100.00000	12.78245	100.00000	12.75149			0.00	0	0
Total BCP3U SPOT									0.00	0	0
Total For BCP3U									0.00	0	0
BCP4U On 30/06/2019 Spot Bond			100.00000	12.78245	100.00000	12.75149			0.00	0	0
Total BCP4U SPOT									0.00	0	0
Total For BCP4U									0.00	0	0
BD0202 On 31/12/2018 Spot Bond			2.02000	103.47757	2.02000	193.12643			0.00	0	0
Total BD0202 SPOT									0.00	0	0
Total For BD0202									0.00	0	0
BD0205 On 28/04/2028 Spot Bond			9.38000	86.03188	9.38000	150.73039			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			9.38000	87.35269	9.38000	151.29514			0.00	0	0
Total BD0206 SPOT									0.00	0	0
Total For BD0206									0.00	0	0
BD0302 On 18/04/2028 Spot Bond			9.76500	89.54018	9.76500	89.51686			0.00	0	0
Total BD0302 SPOT									0.00	0	0
Total For BD0302									0.00	0	0
BD311E On 07/12/2023 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total BD311E SPOT									0.00	0	0
Total For BD311E									0.00	0	0
BEER02 On 28/03/2018 Spot Bond			9.14000	97.92519	9.14000	97.90141		20,108,000,000,000.00	2,200,000,000	1,130,000,000	
Total BEER02 SPOT								20,108,000,000,000.00	2,200,000,000	1,130,000,000	
Total For BEER02								20,108,000,000,000.00	2,200,000,000	1,130,000,000	
BG1A7U On 21/11/2032 Spot Bond			100.00000	8.77302	100.00000	8.75177			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	7.59192	100.00000	7.57353			0.00	0	0
Total BG1A8U SPOT									0.00	0	0
Total For BG1A8U									0.00	0	0
BG1B2U On 23/11/2032 Spot Bond			100.00000	7.59192	100.00000	7.57353			0.00	0	0
Total BG1B2U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BG1B2U										0.00	0	0
BG1C2 On 21/11/2032 Spot Bond			100.00000	8.05409	100.00000	8.03458				0.00	0	0
Total BG1C2U SPOT										0.00	0	0
Total For BG1C2U										0.00	0	0
BG1D2 On 21/11/2032 Spot Bond			100.00000	0.00005	100.00000	0.00005				0.00	0	0
Total BG1D2U SPOT										0.00	0	0
Total For BG1D2U										0.00	0	0
BG1E2 On 21/11/2032 Spot Bond			100.00000	10.77575	100.00000	10.74964				0.00	0	0
Total BG1E2U SPOT										0.00	0	0
Total For BG1E2U										0.00	0	0
BG1F2 On 21/11/2032 Spot Bond			100.00000	14.88390	100.00000	14.84784				0.00	0	0
Total BG1F2U SPOT										0.00	0	0
Total For BG1F2U										0.00	0	0
BG22A On 21/07/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG22A1 SPOT										0.00	0	0
Total For BG22A1										0.00	0	0
BG22A On 21/07/2016 Spot Bond				100.00000	0.00000	100.96878				0.00	123,724,800	30,931,200
Total BG22A2 SPOT										0.00	123,724,800	30,931,200
Total For BG22A2										0.00	123,724,800	30,931,200
BG22A On 21/07/2016 Spot Bond				100.00000	0.00000	101.11504				0.00	0	0
Total BG22A3 SPOT										0.00	0	0
Total For BG22A3										0.00	0	0
BG22B On 21/07/2016 Spot Bond				100.00000	0.00000	101.03912				0.00	0	0
Total BG22B1 SPOT										0.00	0	0
Total For BG22B1										0.00	0	0
BG22C On 21/07/2016 Spot Bond				100.00000	0.00000	101.09318				0.00	0	0
Total BG22C1 SPOT										0.00	0	0
Total For BG22C1										0.00	0	0
BG22D On 21/07/2016 Spot Bond				100.00000	0.00000	101.24402				0.00	0	0
Total BG22D1 SPOT										0.00	0	0
Total For BG22D1										0.00	0	0
BG22Y On 21/07/2016 Spot Bond			100.00000	87.95181	100.00000	87.74038				0.00	0	0
Total BG22YU SPOT										0.00	0	0
Total For BG22YU										0.00	0	0
BG32A On 30/10/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG32A1 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BG32A1										0.00	0	0
BG32A: On 30/10/2016 Spot Bond				100.00000	0.00000	100.68476				0.00	0	0
Total BG32A2 SPOT										0.00	0	0
Total For BG32A2										0.00	0	0
BG32A: On 30/10/2016 Spot Bond				100.00000	0.00000	101.06393				0.00	0	0
Total BG32A3 SPOT										0.00	0	0
Total For BG32A3										0.00	0	0
BG32A: On 30/10/2016 Spot Bond				100.00000	0.00000	100.69989				0.00	0	0
Total BG32A4 SPOT										0.00	0	0
Total For BG32A4										0.00	0	0
BG32B On 30/10/2016 Spot Bond				100.00000	0.00000	100.74523				0.00	0	0
Total BG32B SPOT										0.00	0	0
Total For BG32B										0.00	0	0
BG32C On 30/10/2016 Spot Bond				100.00000	0.00000	100.80561				0.00	0	0
Total BG32C SPOT										0.00	0	0
Total For BG32C										0.00	0	0
BG32D On 30/10/2016 Spot Bond			100.00000	86.05201	100.00000	85.84906				0.00	0	0
Total BG32DU SPOT										0.00	0	0
Total For BG32DU										0.00	0	0
BG32YI On 30/10/2016 Spot Bond			100.00000	86.05201	100.00000	85.84906				0.00	0	0
Total BG32YU SPOT										0.00	0	0
Total For BG32YU										0.00	0	0
BG42A On 15/03/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BG42A1 SPOT										0.00	0	0
Total For BG42A1										0.00	0	0
BG42A: On 15/03/2017 Spot Bond				100.00000	0.00000	101.84170				0.00	0	0
Total BG42A2 SPOT										0.00	0	0
Total For BG42A2										0.00	0	0
BG42A: On 15/03/2017 Spot Bond				100.00000	0.00000	101.87324				0.00	0	0
Total BG42A3 SPOT										0.00	0	0
Total For BG42A3										0.00	0	0
BG42A: On 15/03/2017 Spot Bond			9.22500	101.52496	9.22500	101.50008				0.00	0	0
Total BG42A4 SPOT										0.00	0	0
Total For BG42A4										0.00	0	0
BG42B On 15/03/2017 Spot Bond				100.00000	0.00000	101.96784				0.00	0	0
Total BG42B SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For BG42B									0.00	0	0
BG42C On 15/06/2017 Spot Bond				100.00000	0.00000	102.13583			0.00	0	0
Total BG42C SPOT									0.00	0	0
Total For BG42C									0.00	0	0
BG42D On 15/03/2017 Spot Bond			100.00000	61.86326	100.00000	61.71339			0.00	0	0
Total BG42DU SPOT									0.00	0	0
Total For BG42DU									0.00	0	0
BG42YI On 15/03/2017 Spot Bond			100.00000	61.86326	100.00000	61.71339			0.00	0	0
Total BG42YU SPOT									0.00	0	0
Total For BG42YU									0.00	0	0
BGL01 On 19/11/2024 Spot Bond				100.00000	0.00000	101.20580			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			12.24500	96.48573	12.24500	96.45458			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 05/02/2025 Spot Bond				100.00000	0.00000	100.77401			0.00	0	0
Total BGL03 SPOT									0.00	0	0
Total For BGL03									0.00	0	0
BGL04 On 05/02/2025 Spot Bond			12.13500	89.45153	12.13500	97.12232			0.00	0	0
Total BGL04 SPOT									0.00	0	0
Total For BGL04									0.00	0	0
BGL05 On 04/09/2025 Spot Bond			12.25000	97.88497	12.25000	99.80417		2,940,000,000,000.00		240,000,000	120,000,000
Total BGL05 SPOT								2,940,000,000,000.00		240,000,000	120,000,000
Total For BGL05								2,940,000,000,000.00		240,000,000	120,000,000
BGL06 On 04/09/2025 Spot Bond				100.00000	0.00000	99.83176			0.00	0	250,000,000
Total BGL06 SPOT									0.00	0	250,000,000
Total For BGL06									0.00	0	250,000,000
BGL07 On 03/09/2027 Spot Bond			12.76000	97.24781	12.76000	98.79859			0.00	0	0
Total BGL07 SPOT									0.00	0	0
Total For BGL07									0.00	0	0
BGL08 On 03/09/2027 Spot Bond				100.00000	0.00000	99.91458			0.00	0	0
Total BGL08 SPOT									0.00	0	0
Total For BGL08									0.00	0	0
BGL09 On 29/09/2025 Spot Bond			12.25000	97.29494	12.25000	99.12211		7,840,000,000,000.00		640,000,000	320,000,000
Total BGL09 SPOT								7,840,000,000,000.00		640,000,000	320,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BGL09										7,840,000,000,000.00	640,000,000	320,000,000
BGL10 On 05/05/2021 Spot Bond				100.00000	0.00000	100.78732				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			12.63000	101.95270	12.63000	100.16607				0.00	0	0
Total BGL11 SPOT										0.00	0	0
Total For BGL11										0.00	0	0
BGR02 On 10/11/2016 Spot Bond				100.00000	0.00000	104.32288				0.00	0	0
Total BGR02 SPOT										0.00	0	0
Total For BGR02										0.00	0	0
BGR03 On 21/02/2017 Spot Bond				100.00000	0.00000	102.33589				0.00	0	0
Total BGR03 SPOT										0.00	0	0
Total For BGR03										0.00	0	0
BID04 On 23/11/2017 Spot Bond				100.00000	0.00000	100.06371				0.00	0	0
Total BID04 SPOT										0.00	0	0
Total For BID04										0.00	0	0
BID05 On 26/06/2019 Spot Bond				100.00000	0.00000	101.18168				0.00	199,000,000	199,000,000
Total BID05 SPOT										0.00	199,000,000	199,000,000
Total For BID05										0.00	199,000,000	199,000,000
BID06 On 30/06/2019 Spot Bond			9.82000	101.19978	9.82000	101.17328				0.00	0	2,200,000,000
Total BID06 SPOT										0.00	0	2,200,000,000
Total For BID06										0.00	0	2,200,000,000
BLG1A6 On 21/11/2032 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BLG1A6 SPOT										0.00	0	0
Total For BLG1A6										0.00	0	0
BSR13 On 26/07/2016 Spot Bond				100.00000	0.00000	101.01319				0.00	0	0
Total BSR13 SPOT										0.00	0	0
Total For BSR13										0.00	0	0
BSR16 On 17/06/2016 Spot Bond				100.00000	0.00000	102.23494				0.00	0	0
Total BSR16 SPOT										0.00	0	0
Total For BSR16										0.00	0	0
BSR17 On 19/06/2018 Spot Bond				100.00000	0.00000	103.15535				0.00	0	0
Total BSR17 SPOT										0.00	0	0
Total For BSR17										0.00	0	0
BTC094 On 19/07/2016 Spot Bond				100.00000	0.00000	100.82537				0.00	0	0
Total BTC094 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BTC094										0.00	0	0
BTC09: On 03/08/2016 Spot Bond				100.00000	0.00000	100.60488				0.00	0	0
Total BTC097 SPOT										0.00	0	0
Total For BTC097										0.00	0	0
BTC10: On 15/08/2016 Spot Bond				100.00000	0.00000	100.32118				0.00	0	0
Total BTC103 SPOT										0.00	0	0
Total For BTC103										0.00	0	0
BTC10: On 22/08/2016 Spot Bond				100.00000	0.00000	100.17119				0.00	0	0
Total BTC105 SPOT										0.00	0	0
Total For BTC105										0.00	0	0
BTC10: On 03/06/2016 Spot Bond				100.00000	0.00000	99.93990				0.00	0	0
Total BTC108 SPOT										0.00	0	0
Total For BTC108										0.00	0	0
BTC10: On 07/06/2016 Spot Bond				100.00000	0.00000	99.85923				0.00	0	0
Total BTC109 SPOT										0.00	0	0
Total For BTC109										0.00	0	0
BTC11: On 23/06/2016 Spot Bond				100.00000	0.00000	99.52143				0.00	0	0
Total BTC110 SPOT										0.00	0	0
Total For BTC110										0.00	0	0
BTC11: On 27/09/2016 Spot Bond				100.00000	0.00000	101.49285				0.00	0	0
Total BTC112 SPOT										0.00	0	0
Total For BTC112										0.00	0	0
BTC11: On 04/07/2016 Spot Bond				100.00000	0.00000	99.29373				0.00	0	0
Total BTC114 SPOT										0.00	0	0
Total For BTC114										0.00	0	0
BTC11: On 04/10/2016 Spot Bond				100.00000	0.00000	101.33067				0.00	0	0
Total BTC115 SPOT										0.00	0	0
Total For BTC115										0.00	0	0
BTC11: On 18/07/2016 Spot Bond				100.00000	0.00000	99.00832				0.00	0	0
Total BTC116 SPOT										0.00	0	0
Total For BTC116										0.00	0	0
BTC11: On 19/07/2016 Spot Bond				100.00000	0.00000	98.97834				0.00	0	0
Total BTC117 SPOT										0.00	0	0
Total For BTC117										0.00	0	0
BTC11: On 19/10/2016 Spot Bond				100.00000	0.00000	100.89143				0.00	0	0
Total BTC118 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BTC118										0.00	0	0
BTC118 On 05/08/2016 Spot Bond				100.00000	0.00000	98.61736				0.00	0	0
Total BTC119 SPOT										0.00	0	0
Total For BTC119										0.00	0	0
BTC120 On 03/06/2016 Spot Bond				100.00000	0.00000	99.93814				0.00	0	0
Total BTC120 SPOT										0.00	0	0
Total For BTC120										0.00	0	0
BTC121 On 07/06/2016 Spot Bond				100.00000	0.00000	99.85572				0.00	0	0
Total BTC121 SPOT										0.00	0	0
Total For BTC121										0.00	0	0
BTC122 On 05/08/2016 Spot Bond				100.00000	0.00000	98.61678				0.00	0	0
Total BTC122 SPOT										0.00	0	0
Total For BTC122										0.00	0	0
BTC123 On 11/08/2016 Spot Bond				100.00000	0.00000	98.19724				0.00	0	0
Total BTC124 SPOT										0.00	0	0
Total For BTC124										0.00	0	0
BTC125 On 27/05/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total BTC125 SPOT										0.00	0	0
Total For BTC125										0.00	0	0
BTC126 On 17/11/2016 Spot Bond				100.00000	0.00000	96.12222				0.00	0	0
Total BTC126 SPOT										0.00	0	0
Total For BTC126										0.00	0	0
BTC127 On 17/11/2016 Spot Bond				100.00000	0.00000	100.10819				0.00	0	0
Total BTC127 SPOT										0.00	0	0
Total For BTC127										0.00	0	0
BTC128 On 22/08/2016 Spot Bond				100.00000	0.00000	98.26014				0.00	0	0
Total BTC128 SPOT										0.00	0	0
Total For BTC128										0.00	0	0
BTC129 On 25/08/2016 Spot Bond				100.00000	0.00000	99.58907				0.00	0	0
Total BTC129 SPOT										0.00	0	0
Total For BTC129										0.00	0	0
BTC130 On 29/08/2016 Spot Bond			100.00000	80.39648	100.00000	80.21978		540,000,000,000,000.00		25,400,000,000	25,400,000,000	25,400,000,000
Total BTC130 SPOT								10,000,000,000,000.00		25,400,000,000	25,400,000,000	25,400,000,000
Total For BTC130								10,000,000,000,000.00		25,400,000,000	25,400,000,000	25,400,000,000
BUS011 On 30/09/2016 Spot Bond			100.00000	93.72074	100.00000	93.48287				0.00	0	0
Total BUS011U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For BUS01U										0.00	0	0
BWZ18 On 27/03/2018 Spot Bond				100.00000	0.00000	101.57376				0.00	0	0
Total BWZ18B SPOT										0.00	0	0
Total For BWZ18B										0.00	0	0
BWZ20 On 27/03/2020 Spot Bond				100.00000	0.00000	101.62510				0.00	0	0
Total BWZ20A SPOT										0.00	0	0
Total For BWZ20A										0.00	0	0
BWZJ1 On 17/03/2017 Spot Bond				100.00000	0.00000	101.76452				0.00	0	0
Total BWZJ17 SPOT										0.00	0	0
Total For BWZJ17										0.00	0	0
BWZJ1 On 19/11/2018 Spot Bond				100.00000	0.00000	100.30197				0.00	0	0
Total BWZJ18 SPOT										0.00	0	0
Total For BWZJ18										0.00	0	0
BYA49L On 30/06/2018 Spot Bond			100.00000	25.81387	100.00000	25.75064				0.00	0	0
Total BYA49U SPOT										0.00	0	0
Total For BYA49U										0.00	0	0
CBL08 On 02/11/2016 Spot Bond			10.42500	102.53979	10.42500	102.51174				0.00	0	0
Total CBL08 SPOT										0.00	0	0
Total For CBL08										0.00	0	0
CBL09 On 29/01/2017 Spot Bond				100.00000	0.00000	103.60241				0.00	0	0
Total CBL09 SPOT										0.00	0	0
Total For CBL09										0.00	0	0
CBL12 On 06/09/2018 Spot Bond			16.09000	93.86061	16.09000	93.82115				0.00	0	0
Total CBL12 SPOT										0.00	0	0
Total For CBL12										0.00	0	0
CBL13 On 01/02/2019 Spot Bond				100.00000	0.00000	102.61359				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			13.89000	98.72378	13.89000	98.68737				0.00	0	0
Total CBL14 SPOT										0.00	0	0
Total For CBL14										0.00	0	0
CBL16 On 18/05/2017 Spot Bond			9.92500	99.91638	9.92500	99.89008				0.00	0	0
Total CBL16 SPOT										0.00	0	0
Total For CBL16										0.00	0	0
CBL17 On 23/08/2019 Spot Bond				100.00000	0.00000	97.64517				0.00	0	0
Total CBL17 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CBL17										0.00	0	0
CBL18 On 23/08/2019 Spot Bond			13.89000	95.79518	13.89000	95.75984				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	97.22622				0.00	0	110,000,000
Total CBL20 SPOT										0.00	0	110,000,000
Total For CBL20										0.00	0	110,000,000
CBL22 On 06/05/2020 Spot Bond			11.65000	90.87559	11.65000	90.84763				0.00	0	0
Total CBL22 SPOT										0.00	0	0
Total For CBL22										0.00	0	0
CBL23 On 18/05/2018 Spot Bond				100.00000	0.00000	100.35022				0.00	0	0
Total CBL23 SPOT										0.00	0	0
Total For CBL23										0.00	0	0
CBL24 On 21/11/2020 Spot Bond				100.00000	0.00000	100.76682				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	100.65577				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			11.25000	100.24773	11.25000	100.21792				0.00	0	158,000,000
Total CBL26 SPOT										0.00	0	158,000,000
Total For CBL26										0.00	0	158,000,000
CCT01 On 23/06/2023 Spot Bond			11.28500	111.65227	11.28500	111.61878				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			11.34000	106.87422	11.34000	106.84202				0.00	0	380,000,000
Total CCT02 SPOT										0.00	0	380,000,000
Total For CCT02										0.00	0	380,000,000
CCT03 On 15/03/2025 Spot Bond			11.36000	101.23402	11.36000	101.20363				0.00	0	0
Total CCT03 SPOT										0.00	0	0
Total For CCT03										0.00	0	0
CGR10 On 08/12/2016 Spot Bond				100.00000	0.00000	99.73673				0.00	0	0
Total CGR10 SPOT										0.00	0	0
Total For CGR10										0.00	0	0
CGR13 On 27/06/2016 Spot Bond				100.00000	0.00000	102.24877				0.00	0	0
Total CGR13 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CGR13										0.00	0	0
CGR14 On 13/02/2018 Spot Bond				100.00000	0.00000	103.29342				0.00	0	0
Total CGR14 SPOT										0.00	0	0
Total For CGR14										0.00	0	0
CGR14 On 25/11/2020 Spot Bond			10.00000	109.02690	10.00000	108.99850				0.00	0	0
Total CGR14/JIBAR SPOT										0.00	0	0
Total For CGR14/JIBAR										0.00	0	0
CGR15 On 22/07/2017 Spot Bond				100.00000	0.00000	101.45552				0.00	0	0
Total CGR15 SPOT										0.00	0	0
Total For CGR15										0.00	0	0
CGR16 On 22/09/2017 Spot Bond				100.00000	0.00000	102.04438				0.00	0	0
Total CGR16 SPOT										0.00	0	0
Total For CGR16										0.00	0	0
CGR17 On 24/10/2017 Spot Bond				100.00000	0.00000	101.09090				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	22.44524	100.00000	22.39087				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	24.36645	100.00000	24.30742				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	24.86624	100.00000	24.80534				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	101.58324				0.00	0	0
Total CGR21 SPOT										0.00	0	0
Total For CGR21										0.00	0	0
CGR22 On 08/02/2017 Spot Bond				100.00000	0.00000	100.53715				0.00	0	0
Total CGR22 SPOT										0.00	0	0
Total For CGR22										0.00	0	0
CGR23 On 08/02/2019 Spot Bond				100.00000	0.00000	100.68477				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	100.74334				0.00	0	0
Total CGR24 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CGR24										0.00	0	0
CIG02 On 30/08/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CIG02 SPOT										0.00	0	0
Total For CIG02										0.00	0	0
CIG03 On 30/06/2017 Spot Bond				100.00000	0.00000	101.67295				0.00	0	0
Total CIG03 SPOT										0.00	0	0
Total For CIG03										0.00	0	0
CIG04 On 30/06/2018 Spot Bond				100.00000	0.00000	101.73056				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	101.79696				0.00	0	0
Total CIG05 SPOT										0.00	0	0
Total For CIG05										0.00	0	0
CIG06 On 28/08/2018 Spot Bond				100.00000	0.00000	100.02677				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	100.02864				0.00	0	0
Total CIG07 SPOT										0.00	0	0
Total For CIG07										0.00	0	0
CIG09L On 07/06/2019 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CIG09U SPOT										0.00	0	0
Total For CIG09U										0.00	0	0
CLA1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA1U SPOT										0.00	0	0
Total For CLA1U										0.00	0	0
CLA2U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA2U SPOT										0.00	0	0
Total For CLA2U										0.00	0	0
CLA3U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLA3U SPOT										0.00	0	0
Total For CLA3U										0.00	0	0
CLB1U On 21/11/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLB1U SPOT										0.00	0	0
Total For CLB1U										0.00	0	0
CLC1U On 21/12/2046 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total CLC1U SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLC1U										0.00	0	0
CLN18 On 01/07/2021 Spot Bond			10.11000	104.20450	10.11000	104.17627				0.00	0	0
Total CLN184 SPOT										0.00	0	0
Total For CLN184										0.00	0	0
CLN18 On 06/07/2016 Spot Bond				100.00000	0.00000	101.33671				0.00	0	0
Total CLN186 SPOT										0.00	0	0
Total For CLN186										0.00	0	0
CLN19 On 23/08/2016 Spot Bond			2.76000	130.79854	2.76000	130.73213				0.00	0	0
Total CLN191 SPOT										0.00	0	0
Total For CLN191										0.00	0	0
CLN19 On 24/08/2016 Spot Bond				100.00000	0.00000	103.29780				0.00	0	0
Total CLN192 SPOT										0.00	0	0
Total For CLN192										0.00	0	0
CLN19 On 29/08/2021 Spot Bond			3.14000	128.31270	3.14000	130.67276				0.00	0	0
Total CLN193 SPOT										0.00	0	0
Total For CLN193										0.00	0	0
CLN19 On 31/08/2016 Spot Bond			8.25000	102.02647	8.25000	102.00387				0.00	0	0
Total CLN194 SPOT										0.00	0	0
Total For CLN194										0.00	0	0
CLN19 On 13/09/2021 Spot Bond			2.90000	137.79229	2.90000	131.47254				0.00	0	0
Total CLN198 SPOT										0.00	0	0
Total For CLN198										0.00	0	0
CLN19 On 13/09/2016 Spot Bond			2.40000	136.25830	2.40000	130.01057				0.00	0	0
Total CLN199 SPOT										0.00	0	0
Total For CLN199										0.00	0	0
CLN20 On 20/12/2016 Spot Bond				100.00000	0.00000	102.45292				0.00	0	0
Total CLN200 SPOT										0.00	0	0
Total For CLN200										0.00	0	0
CLN21 On 17/10/2016 Spot Bond			9.34000	100.70386	9.34000	100.67897				0.00	0	0
Total CLN215 SPOT										0.00	0	0
Total For CLN215										0.00	0	0
CLN21 On 20/10/2016 Spot Bond				100.00000	0.00000	101.03720				0.00	0	0
Total CLN219 SPOT										0.00	0	0
Total For CLN219										0.00	0	0
CLN22 On 20/10/2016 Spot Bond				100.00000	0.00000	101.03720				0.00	0	0
Total CLN220 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN220										0.00	0	0
CLN22 On 20/10/2016 Spot Bond			9.39000	100.67080	9.39000	100.64581				0.00	0	0
Total CLN221 SPOT										0.00	0	0
Total For CLN221										0.00	0	0
CLN22 On 20/10/2016 Spot Bond			9.39000	100.67080	9.39000	100.64581				0.00	0	0
Total CLN222 SPOT										0.00	0	0
Total For CLN222										0.00	0	0
CLN22 On 09/12/2016 Spot Bond			9.44000	99.43644	9.44000	99.41138				0.00	0	0
Total CLN225 SPOT										0.00	0	0
Total For CLN225										0.00	0	0
CLN22 On 20/12/2016 Spot Bond				100.00000	0.00000	101.85444				0.00	0	0
Total CLN226 SPOT										0.00	0	0
Total For CLN226										0.00	0	0
CLN22 On 20/12/2016 Spot Bond				100.00000	0.00000	102.01846				0.00	0	0
Total CLN227 SPOT										0.00	0	0
Total For CLN227										0.00	0	0
CLN23 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total CLN230/JIBAR SPOT										0.00	0	0
Total For CLN230/JIBAR										0.00	0	0
CLN23 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total CLN231/JIBAR SPOT										0.00	0	0
Total For CLN231/JIBAR										0.00	0	0
CLN23 On 14/02/2017 Spot Bond				100.00000	0.00000	100.36530				0.00	0	0
Total CLN237 SPOT										0.00	0	0
Total For CLN237										0.00	0	0
CLN23 On 20/03/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN239 SPOT										0.00	0	0
Total For CLN239										0.00	0	0
CLN24 On 24/02/2017 Spot Bond				100.00000	0.00000	100.17714				0.00	0	0
Total CLN241 SPOT										0.00	0	0
Total For CLN241										0.00	0	0
CLN24 On 24/02/2019 Spot Bond			13.50000	93.25561	13.50000	93.22214				0.00	0	0
Total CLN242 SPOT										0.00	0	0
Total For CLN242										0.00	0	0
CLN24 On 24/02/2019 Spot Bond			9.35000	102.49075	9.35000	102.46502				0.00	0	0
Total CLN243 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN243										0.00	0	0
CLN243 On 24/02/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN247 SPOT										0.00	0	0
Total For CLN247										0.00	0	0
CLN247 On 26/03/2017 Spot Bond				100.00000	0.00000	101.91851				0.00	0	0
Total CLN256 SPOT										0.00	0	0
Total For CLN256										0.00	0	0
CLN256 On 26/03/2017 Spot Bond				100.00000	0.00000	101.76913				0.00	0	0
Total CLN257 SPOT										0.00	0	0
Total For CLN257										0.00	0	0
CLN257 On 26/03/2017 Spot Bond				100.00000	0.00000	101.95787				0.00	0	0
Total CLN258 SPOT										0.00	0	0
Total For CLN258										0.00	0	0
CLN258 On 26/03/2017 Spot Bond				100.00000	0.00000	101.95787				0.00	0	0
Total CLN259 SPOT										0.00	0	0
Total For CLN259										0.00	0	0
CLN259 On 26/03/2017 Spot Bond				100.00000	0.00000	101.95787				0.00	0	0
Total CLN260 SPOT										0.00	0	0
Total For CLN260										0.00	0	0
CLN260 On 26/03/2017 Spot Bond				100.00000	0.00000	101.73841				0.00	0	0
Total CLN261 SPOT										0.00	0	0
Total For CLN261										0.00	0	0
CLN261 On 26/03/2019 Spot Bond			10.32000	100.12596	10.32000	100.09858				0.00	0	0
Total CLN262 SPOT										0.00	0	0
Total For CLN262										0.00	0	0
CLN262 On 30/04/2017 Spot Bond				100.00000	0.00000	101.10870				0.00	0	0
Total CLN268 SPOT										0.00	0	0
Total For CLN268										0.00	0	0
CLN268 On 20/06/2017 Spot Bond				100.00000	0.00000	103.78353				0.00	0	0
Total CLN269 SPOT										0.00	0	0
Total For CLN269										0.00	0	0
CLN269 On 20/06/2017 Spot Bond				100.00000	0.00000	101.92864				0.00	0	0
Total CLN272 SPOT										0.00	0	0
Total For CLN272										0.00	0	0
CLN272 On 20/06/2017 Spot Bond				100.00000	0.00000	101.74001				0.00	0	0
Total CLN273 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN273										0.00	0	0
CLN273 On 20/06/2017 Spot Bond				100.00000	0.00000	101.89876				0.00	0	0
Total CLN274 SPOT										0.00	0	0
Total For CLN274										0.00	0	0
CLN274 On 22/05/2017 Spot Bond				100.00000	0.00000	100.19385				0.00	0	0
Total CLN275 SPOT										0.00	0	0
Total For CLN275										0.00	0	0
CLN275 On 25/05/2017 Spot Bond				100.00000	0.00000	100.16792				0.00	0	0
Total CLN277 SPOT										0.00	0	0
Total For CLN277										0.00	0	0
CLN277 On 20/06/2017 Spot Bond				100.00000	0.00000	102.00458				0.00	0	0
Total CLN278 SPOT										0.00	0	0
Total For CLN278										0.00	0	0
CLN278 On 07/06/2017 Spot Bond				100.00000	0.00000	100.26799				0.00	0	0
Total CLN280 SPOT										0.00	0	0
Total For CLN280										0.00	0	0
CLN280 On 10/08/2017 Spot Bond				100.00000	0.00000	100.71275				0.00	0	0
Total CLN288 SPOT										0.00	0	0
Total For CLN288										0.00	0	0
CLN288 On 30/08/2017 Spot Bond				100.00000	0.00000	100.25693				0.00	0	0
Total CLN289 SPOT										0.00	0	0
Total For CLN289										0.00	0	0
CLN289 On 26/06/2017 Spot Bond				100.00000	0.00000	101.86263				0.00	0	0
Total CLN290 SPOT										0.00	0	0
Total For CLN290										0.00	0	0
CLN290 On 26/06/2017 Spot Bond				100.00000	0.00000	101.76241				0.00	0	0
Total CLN291 SPOT										0.00	0	0
Total For CLN291										0.00	0	0
CLN291 On 26/06/2017 Spot Bond				100.00000	0.00000	103.10993				0.00	0	0
Total CLN292 SPOT										0.00	0	0
Total For CLN292										0.00	0	0
CLN292 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total CLN292/JIBAR SPOT										0.00	0	0
Total For CLN292/JIBAR										0.00	0	0
CLN292 On 30/06/2017 Spot Bond				100.00000	0.00000	101.61871				0.00	0	0
Total CLN293 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN293										0.00	0	0
CLN293 On 26/06/2017 Spot Bond				100.00000	0.00000	101.74527				0.00	0	0
Total CLN294 SPOT										0.00	0	0
Total For CLN294										0.00	0	0
CLN294 On 30/06/2017 Spot Bond				100.00000	0.00000	101.66978				0.00	0	0
Total CLN295 SPOT										0.00	0	0
Total For CLN295										0.00	0	0
CLN295 On 20/12/2017 Spot Bond				100.00000	0.00000	101.96316				0.00	0	0
Total CLN296 SPOT										0.00	0	0
Total For CLN296										0.00	0	0
CLN296 On 30/06/2017 Spot Bond				100.00000	0.00000	101.64617				0.00	0	0
Total CLN297 SPOT										0.00	0	0
Total For CLN297										0.00	0	0
CLN297 On 30/06/2017 Spot Bond				100.00000	0.00000	101.97038				0.00	0	0
Total CLN298 SPOT										0.00	0	0
Total For CLN298										0.00	0	0
CLN298 On 30/06/2017 Spot Bond				100.00000	0.00000	101.72540				0.00	0	0
Total CLN299 SPOT										0.00	0	0
Total For CLN299										0.00	0	0
CLN299 On 20/12/2017 Spot Bond				100.00000	0.00000	183.41655				0.00	0	0
Total CLN301 SPOT										0.00	0	0
Total For CLN301										0.00	0	0
CLN301 On 20/12/2017 Spot Bond				100.00000	0.00000	102.65283				0.00	0	0
Total CLN302 SPOT										0.00	0	0
Total For CLN302										0.00	0	0
CLN302 On 20/12/2017 Spot Bond				100.00000	0.00000	184.18974				0.00	0	0
Total CLN303 SPOT										0.00	0	0
Total For CLN303										0.00	0	0
CLN303 On 20/12/2017 Spot Bond				100.00000	0.00000	182.58174				0.00	0	0
Total CLN304 SPOT										0.00	0	0
Total For CLN304										0.00	0	0
CLN304 On 20/12/2017 Spot Bond				100.00000	0.00000	183.65303				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	100.41439				0.00	0	0
Total CLN313 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN313										0.00	0	0
CLN313 On 14/11/2022 Spot Bond			12.00000	89.62061	12.00000	89.59223				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			12.52000	90.93631	12.52000	90.90630				0.00	0	0
Total CLN315 SPOT										0.00	0	0
Total For CLN315										0.00	0	0
CLN315 On 30/06/2017 Spot Bond				100.00000	0.00000	101.65801				0.00	0	0
Total CLN316 SPOT										0.00	0	0
Total For CLN316										0.00	0	0
CLN316 On 20/03/2023 Spot Bond				100.00000	0.00000	101.99173				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	100.40635				0.00	0	0
Total CLN318 SPOT										0.00	0	0
Total For CLN318										0.00	0	0
CLN318 On 24/07/2017 Spot Bond				100.00000	0.00000	100.92582				0.00	0	0
Total CLN319 SPOT										0.00	0	0
Total For CLN319										0.00	0	0
CLN319 On 30/04/2018 Spot Bond				100.00000	0.00000	100.78319				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	100.74258	8.80500	100.72850				0.00	0	0
Total CLN321 SPOT										0.00	0	0
Total For CLN321										0.00	0	0
CLN321 On 24/07/2017 Spot Bond				100.00000	0.00000	100.93361				0.00	0	0
Total CLN323 SPOT										0.00	0	0
Total For CLN323										0.00	0	0
CLN323 On 20/06/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN324 SPOT										0.00	0	0
Total For CLN324										0.00	0	0
CLN324 On 20/06/2018 Spot Bond				100.00000	0.00000	101.84878				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	101.87740				0.00	0	0
Total CLN326 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN326										0.00	0	0
CLN327 On 20/06/2023 Spot Bond				100.00000	0.00000	101.98783				0.00	0	0
Total CLN327 SPOT										0.00	0	0
Total For CLN327										0.00	0	0
CLN328 On 20/06/2018 Spot Bond				100.00000	0.00000	101.89266				0.00	0	0
Total CLN328 SPOT										0.00	0	0
Total For CLN328										0.00	0	0
CLN332 On 20/06/2018 Spot Bond				100.00000	0.00000	102.04524				0.00	0	0
Total CLN332 SPOT										0.00	0	0
Total For CLN332										0.00	0	0
CLN333 On 30/06/2017 Spot Bond				100.00000	0.00000	101.65801				0.00	0	0
Total CLN333 SPOT										0.00	0	0
Total For CLN333										0.00	0	0
CLN335 On 20/09/2018 Spot Bond				100.00000	0.00000	158.20873				0.00	0	0
Total CLN335 SPOT										0.00	0	0
Total For CLN335										0.00	0	0
CLN337 On 20/09/2018 Spot Bond				100.00000	0.00000	158.20873				0.00	0	0
Total CLN337 SPOT										0.00	0	0
Total For CLN337										0.00	0	0
CLN339 On 28/07/2017 Spot Bond				100.00000	0.00000	100.86750				0.00	0	0
Total CLN339 SPOT										0.00	0	0
Total For CLN339										0.00	0	0
CLN340 On 20/12/2018 Spot Bond				100.00000	0.00000	102.26815				0.00	0	0
Total CLN340 SPOT										0.00	0	0
Total For CLN340										0.00	0	0
CLN341 On 30/06/2017 Spot Bond				100.00000	0.00000	101.66644				0.00	0	0
Total CLN341 SPOT										0.00	0	0
Total For CLN341										0.00	0	0
CLN343 On 20/12/2023 Spot Bond				100.00000	0.00000	102.12121				0.00	0	0
Total CLN343 SPOT										0.00	0	0
Total For CLN343										0.00	0	0
CLN344 On 20/12/2018 Spot Bond				100.00000	0.00000	101.68271				0.00	0	0
Total CLN344 SPOT										0.00	0	0
Total For CLN344										0.00	0	0
CLN345 On 20/12/2023 Spot Bond				100.00000	0.00000	101.93440				0.00	0	0
Total CLN345 SPOT										0.00	0	0
Total For CLN345										0.00	0	0
CLN346 On 28/07/2017 Spot Bond				100.00000	0.00000	100.86037				0.00	0	0
Total CLN346 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN346										0.00	0	0
CLN346 On 30/06/2017 Spot Bond				100.00000	0.00000	101.62431				0.00	0	0
Total CLN349 SPOT										0.00	0	0
Total For CLN349										0.00	0	0
CLN349 On 28/10/2018 Spot Bond				100.00000	0.00000	100.81477				0.00	0	0
Total CLN350 SPOT										0.00	0	0
Total For CLN350										0.00	0	0
CLN350 On 28/05/2019 Spot Bond				100.00000	0.00000	100.02323				0.00	0	0
Total CLN353 SPOT										0.00	0	0
Total For CLN353										0.00	0	0
CLN353 On 20/12/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN354 SPOT										0.00	0	0
Total For CLN354										0.00	0	0
CLN354 On 30/04/2018 Spot Bond				100.00000	0.00000	100.73028				0.00	0	0
Total CLN358 SPOT										0.00	0	0
Total For CLN358										0.00	0	0
CLN358 On 24/07/2017 Spot Bond				100.00000	0.00000	100.92096				0.00	0	0
Total CLN359 SPOT										0.00	0	0
Total For CLN359										0.00	0	0
CLN359 On 20/03/2019 Spot Bond				100.00000	0.00000	101.64080				0.00	0	0
Total CLN360 SPOT										0.00	0	0
Total For CLN360										0.00	0	0
CLN360 On 20/03/2024 Spot Bond			11.18000	98.83507	11.18000	98.80586				0.00	0	0
Total CLN362 SPOT										0.00	0	0
Total For CLN362										0.00	0	0
CLN362 On 20/03/2024 Spot Bond				100.00000	0.00000	101.76946				0.00	0	0
Total CLN363 SPOT										0.00	0	0
Total For CLN363										0.00	0	0
CLN363 On 06/08/2023 Spot Bond				100.00000	0.00000	100.74933				0.00	0	0
Total CLN364 SPOT										0.00	0	0
Total For CLN364										0.00	0	0
CLN364 On 20/03/2024 Spot Bond			13.32000	100.90570	13.32000	100.87035				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	100.77610				0.00	0	0
Total CLN366 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN366										0.00	0	0
CLN366 On 06/08/2023 Spot Bond			13.35000	101.15244	13.35000	101.11653				0.00	0	0
Total CLN367 SPOT										0.00	0	0
Total For CLN367										0.00	0	0
CLN367 On 26/07/2022 Spot Bond			10.02000	108.66690	10.02000	108.63772				0.00	0	0
Total CLN368 SPOT										0.00	0	0
Total For CLN368										0.00	0	0
CLN368 On 06/08/2023 Spot Bond				100.00000	0.00000	100.77610				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	100.94433				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	83.40163				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	101.74558				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	101.77801				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	101.77818				0.00	0	0
Total CLN374 SPOT										0.00	0	0
Total For CLN374										0.00	0	0
CLN374 On 30/06/2017 Spot Bond				100.00000	0.00000	101.72035				0.00	0	0
Total CLN375 SPOT										0.00	0	0
Total For CLN375										0.00	0	0
CLN375 On 20/03/2021 Spot Bond			10.65000	99.09227	10.65000	99.06434				0.00	0	0
Total CLN376 SPOT										0.00	0	0
Total For CLN376										0.00	0	0
CLN376 On 30/06/2017 Spot Bond				100.00000	0.00000	101.46669				0.00	0	0
Total CLN377 SPOT										0.00	0	0
Total For CLN377										0.00	0	0
CLN377 On 20/06/2019 Spot Bond				100.00000	0.00000	101.94034				0.00	0	0
Total CLN378 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN378										0.00	0	0
CLN378 On 20/03/2024 Spot Bond			10.98000	99.84387	10.98000	99.81488				0.00	0	0
Total CLN379 SPOT										0.00	0	0
Total For CLN379										0.00	0	0
CLN379 On 20/09/2024 Spot Bond			11.00000	102.14689	11.00000	102.11717				0.00	0	0
Total CLN380 SPOT										0.00	0	0
Total For CLN380										0.00	0	0
CLN380 On 20/03/2021 Spot Bond				100.00000	0.00000	101.96850				0.00	0	0
Total CLN382 SPOT										0.00	0	0
Total For CLN382										0.00	0	0
CLN382 On 22/07/2017 Spot Bond				100.00000	0.00000	100.94977				0.00	0	0
Total CLN383 SPOT										0.00	0	0
Total For CLN383										0.00	0	0
CLN383 On 20/09/2024 Spot Bond			13.11000	96.99944	13.11000	96.96598				0.00	0	0
Total CLN384 SPOT										0.00	0	0
Total For CLN384										0.00	0	0
CLN384 On 20/09/2024 Spot Bond				100.00000	0.00000	102.13632				0.00	0	0
Total CLN385 SPOT										0.00	0	0
Total For CLN385										0.00	0	0
CLN385 On 20/03/2021 Spot Bond				100.00000	0.00000	101.77787				0.00	0	0
Total CLN386 SPOT										0.00	0	0
Total For CLN386										0.00	0	0
CLN386 On 26/01/2021 Spot Bond				100.00000	0.00000	100.99603				0.00	0	0
Total CLN387 SPOT										0.00	0	0
Total For CLN387										0.00	0	0
CLN387 On 20/09/2019 Spot Bond				100.00000	0.00000	101.88302				0.00	0	0
Total CLN388 SPOT										0.00	0	0
Total For CLN388										0.00	0	0
CLN388 On 06/08/2023 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN389 SPOT										0.00	0	0
Total For CLN389										0.00	0	0
CLN389 On 01/10/2016 Spot Bond				100.00000	0.00000	101.44966				0.00	0	0
Total CLN390 SPOT										0.00	0	0
Total For CLN390										0.00	0	0
CLN390 On 20/03/2017 Spot Bond				100.00000	0.00000	101.70191				0.00	0	0
Total CLN392 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN392										0.00	0	0
CLN392 On 20/12/2019 Spot Bond				100.00000	0.00000	87.25017				0.00	0	0
Total CLN393 SPOT										0.00	0	0
Total For CLN393										0.00	0	0
CLN393 On 20/09/2022 Spot Bond				100.00000	0.00000	101.78754				0.00	0	0
Total CLN394 SPOT										0.00	0	0
Total For CLN394										0.00	0	0
CLN394 On 02/03/2018 Spot Bond				100.00000	0.00000	99.95452				0.00	0	0
Total CLN395 SPOT										0.00	0	0
Total For CLN395										0.00	0	0
CLN395 On 20/03/2020 Spot Bond				100.00000	0.00000	101.92123				0.00	0	0
Total CLN396 SPOT										0.00	0	0
Total For CLN396										0.00	0	0
CLN396 On 20/06/2020 Spot Bond				100.00000	0.00000	103.01005				0.00	0	0
Total CLN397 SPOT										0.00	0	0
Total For CLN397										0.00	0	0
CLN397 On 14/11/2022 Spot Bond				100.00000	0.00000	100.39347				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	100.39146				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	101.78743				0.00	0	0
Total CLN400 SPOT										0.00	0	0
Total For CLN400										0.00	0	0
CLN400 On 20/06/2020 Spot Bond				100.00000	0.00000	101.98758				0.00	0	0
Total CLN401 SPOT										0.00	0	0
Total For CLN401										0.00	0	0
CLN401 On 30/06/2017 Spot Bond				100.00000	0.00000	101.55689				0.00	0	0
Total CLN402 SPOT										0.00	0	0
Total For CLN402										0.00	0	0
CLN402 On 30/06/2017 Spot Bond				100.00000	0.00000	101.55689				0.00	0	0
Total CLN403 SPOT										0.00	0	0
Total For CLN403										0.00	0	0
CLN403 On 21/02/2018 Spot Bond				100.00000	0.00000	100.24620				0.00	0	0
Total CLN404 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN404										0.00	0	0
CLN404 On 20/06/2016 Spot Bond				100.00000	0.00000	101.60639				0.00	0	0
Total CLN405 SPOT										0.00	0	0
Total For CLN405										0.00	0	0
CLN405 On 20/06/2020 Spot Bond				100.00000	0.00000	82.75668				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	101.79696				0.00	0	0
Total CLN407 SPOT										0.00	0	0
Total For CLN407										0.00	0	0
CLN407 On 25/07/2016 Spot Bond				100.00000	0.00000	100.69226				0.00	0	0
Total CLN408 SPOT										0.00	0	0
Total For CLN408										0.00	0	0
CLN408 On 18/07/2020 Spot Bond				100.00000	0.00000	101.27280				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	101.96856				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	101.97809				0.00	0	0
Total CLN411 SPOT										0.00	0	0
Total For CLN411										0.00	0	0
CLN411 On 18/07/2020 Spot Bond				100.00000	0.00000	101.27860				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	101.94950				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	102.31146				0.00	0	0
Total CLN414 SPOT										0.00	0	0
Total For CLN414										0.00	0	0
CLN414 On 20/09/2020 Spot Bond				100.00000	0.00000	102.04479				0.00	0	0
Total CLN415 SPOT										0.00	0	0
Total For CLN415										0.00	0	0
CLN415 On 18/07/2020 Spot Bond				100.00000	0.00000	101.35396				0.00	0	0
Total CLN416 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN416										0.00	0	0
CLN416 On 20/09/2020 Spot Bond			4.00000	100.78874	4.00000	100.31607				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	102.01471				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	102.14010				0.00	0	0
Total CLN419 SPOT										0.00	0	0
Total For CLN419										0.00	0	0
CLN42 On 18/04/2028 Spot Bond			7.01000	44.10881	7.01000	44.70587				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	102.15915				0.00	0	0
Total CLN420 SPOT										0.00	0	0
Total For CLN420										0.00	0	0
CLN42 On 26/01/2021 Spot Bond				100.00000	0.00000	101.22553				0.00	0	0
Total CLN421 SPOT										0.00	0	0
Total For CLN421										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	102.85381				0.00	0	0
Total CLN422 SPOT										0.00	0	0
Total For CLN422										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	102.63508				0.00	0	0
Total CLN423 SPOT										0.00	0	0
Total For CLN423										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	102.85381				0.00	0	0
Total CLN424 SPOT										0.00	0	0
Total For CLN424										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	105.63851				0.00	0	0
Total CLN425 SPOT										0.00	0	0
Total For CLN425										0.00	0	0
CLN42 On 20/12/2020 Spot Bond				100.00000	0.00000	102.56849				0.00	0	0
Total CLN426 SPOT										0.00	0	0
Total For CLN426										0.00	0	0
CLN42 On 20/12/2018 Spot Bond				100.00000	0.00000	102.02608				0.00	0	0
Total CLN427 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLN427										0.00	0	0
CLN427 On 15/11/2020 Spot Bond				100.00000	0.00000	100.40608				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	102.53995				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	101.64766				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	102.89308				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	103.05339				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	103.16740				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	102.35623				0.00	0	0
Total CLN434 SPOT										0.00	0	0
Total For CLN434										0.00	0	0
CLN434 On 30/06/2017 Spot Bond				100.00000	0.00000	101.52317				0.00	0	0
Total CLN435 SPOT										0.00	0	0
Total For CLN435										0.00	0	0
CLN435 On 20/12/2020 Spot Bond				100.00000	0.00000	101.95906				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	101.85260				0.00	0	0
Total CLN437 SPOT										0.00	0	0
Total For CLN437										0.00	0	0
CLN437 On 22/01/2017 Spot Bond				100.00000	0.00000	101.53727				0.00	0	0
Total CLN438 SPOT										0.00	0	0
Total For CLN438										0.00	0	0
CLN438 On 03/02/2021 Spot Bond				100.00000	0.00000	100.75844				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
CLN44 On 20/03/2021 Spot Bond				100.00000	0.00000	102.90683				0.00	0	0
Total CLN440 SPOT										0.00	0	0
Total For CLN440										0.00	0	0
CLN44 On 20/03/2021 Spot Bond				100.00000	0.00000	104.45864				0.00	0	0
Total CLN441 SPOT										0.00	0	0
Total For CLN441										0.00	0	0
CLN44 On 07/06/2017 Spot Bond				100.00000	0.00000	100.51793				0.00	0	0
Total CLN442 SPOT										0.00	0	0
Total For CLN442										0.00	0	0
CLN44 On 06/09/2016 Spot Bond				100.00000	0.00000	100.55800				0.00	0	0
Total CLN443 SPOT										0.00	0	0
Total For CLN443										0.00	0	0
CLN44 On 23/05/2021 Spot Bond				100.00000	0.00000	100.21920				0.00	0	0
Total CLN444 SPOT										0.00	0	0
Total For CLN444										0.00	0	0
CLN44 On 24/05/2021 Spot Bond			11.32000	100.33339	11.32000	100.30337				0.00	0	0
Total CLN445 SPOT										0.00	0	0
Total For CLN445										0.00	0	0
CLN55 On 18/04/2028 Spot Bond				100.00000	0.00000	170.70714				0.00	0	0
Total CLN55 SPOT										0.00	0	0
Total For CLN55										0.00	0	0
CLN61 On 02/03/2028 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total CLN61 SPOT										0.00	0	0
Total For CLN61										0.00	0	0
CLN81 On 18/04/2028 Spot Bond			9.76500	89.54018	9.76500	89.51686				0.00	0	0
Total CLN81 SPOT										0.00	0	0
Total For CLN81										0.00	0	0
CLN88 On 28/04/2028 Spot Bond			9.38000	34.38524	9.38000	150.73039				0.00	0	0
Total CLN88 SPOT										0.00	0	0
Total For CLN88										0.00	0	0
CLN89 On 02/03/2028 Spot Bond			9.38000	34.87007	9.38000	151.29514				0.00	0	0
Total CLN89 SPOT										0.00	0	0
Total For CLN89										0.00	0	0
CLNF0 On 10/10/2016 Spot Bond				100.00000	0.00000	101.31611				0.00	0	0
Total CLNF03 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CLNF03										0.00	0	0
CLNF0: On 10/10/2016 Spot Bond				100.00000	0.00000	101.42182				0.00	0	0
Total CLNF04 SPOT										0.00	0	0
Total For CLNF04										0.00	0	0
CLNF0: On 20/09/2016 Spot Bond				100.00000	0.00000	101.87348				0.00	0	0
Total CLNF05 SPOT										0.00	0	0
Total For CLNF05										0.00	0	0
CLNF0: On 20/12/2016 Spot Bond				100.00000	0.00000	101.76668				0.00	0	0
Total CLNF06 SPOT										0.00	0	0
Total For CLNF06										0.00	0	0
CLNF0: On 20/06/2017 Spot Bond				100.00000	0.00000	101.78772				0.00	0	0
Total CLNF07 SPOT										0.00	0	0
Total For CLNF07										0.00	0	0
CLNF0: On 10/07/2017 Spot Bond				100.00000	0.00000	101.32298				0.00	0	0
Total CLNF08 SPOT										0.00	0	0
Total For CLNF08										0.00	0	0
CLNF0: On 20/06/2017 Spot Bond				100.00000	0.00000	101.80681				0.00	0	0
Total CLNF09 SPOT										0.00	0	0
Total For CLNF09										0.00	0	0
CLNF1: On 24/07/2017 Spot Bond				100.00000	0.00000	100.92582				0.00	0	0
Total CLNF10 SPOT										0.00	0	0
Total For CLNF10										0.00	0	0
CLNF1: On 20/03/2018 Spot Bond				100.00000	0.00000	101.66563				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	101.74001				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	101.73047				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	101.73994				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	101.80649				0.00	0	0
Total CLNF15 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For CLNF15									0.00	0	0
COH00 On 26/11/2018 Spot Bond				100.00000	0.00000	100.03726			0.00	0	0
Total COH001 SPOT									0.00	0	0
Total For COH001									0.00	0	0
COH00 On 15/04/2019 Spot Bond				100.00000	0.00000	101.25027			0.00	0	0
Total COH002 SPOT									0.00	0	0
Total For COH002									0.00	0	0
COJ02 On 15/09/2016 Spot Bond			9.52000	103.09959	9.52000	103.04784			0.00	0	0
Total COJ02 SPOT									0.00	0	0
Total For COJ02									0.00	0	0
COJ04 On 05/06/2018 Spot Bond			9.73000	98.59923	9.73000	98.57363			0.00	0	1,030,000,000
Total COJ04 SPOT									0.00	0	1,030,000,000
Total For COJ04									0.00	0	1,030,000,000
COJ05 On 05/06/2023 Spot Bond			10.70000	107.16266	10.70000	107.13214			0.00	0	0
Total COJ05 SPOT									0.00	0	0
Total For COJ05									0.00	0	0
COJ07 On 23/03/2021 Spot Bond			10.86000	101.72333	10.86000	101.69410			0.00	0	0
Total COJ07 SPOT									0.00	0	0
Total For COJ07									0.00	0	0
COJG0 On 09/06/2024 Spot Bond			10.96000	95.69061	10.96000	95.66272			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			11.24500	91.43999	11.24500	91.41266			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			12.11000	89.76033	12.11000	89.73149			0.00	0	380,000,000
Total COT02 SPOT									0.00	0	380,000,000
Total For COT02									0.00	0	380,000,000
COT03 On 05/06/2028 Spot Bond			12.11000	83.34779	12.11000	83.32102			0.00	0	0
Total COT03 SPOT									0.00	0	0
Total For COT03									0.00	0	0
CPL00 On 28/02/2017 Spot Bond				100.00000	0.00000	100.02320			0.00	0	0
Total CPL003 SPOT									0.00	0	0
Total For CPL003									0.00	0	0
CPL01 On 12/12/2019 Spot Bond			100.00000	13.42159	100.00000	13.38907			0.00	0	0
Total CPL01U SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For CPL01U										0.00	0	0
CPL021 On 25/08/2017 Spot Bond				100.00000	0.00000	100.14249				0.00	0	0
Total CPL021 SPOT										0.00	0	0
Total For CPL021										0.00	0	0
CPL022 On 23/09/2019 Spot Bond				100.00000	0.00000	101.66744				0.00	0	0
Total CPL022 SPOT										0.00	0	0
Total For CPL022										0.00	0	0
CPL024 On 27/11/2017 Spot Bond				100.00000	0.00000	100.09141				0.00	0	0
Total CPL024 SPOT										0.00	0	0
Total For CPL024										0.00	0	0
CPL02U On 12/03/2020 Spot Bond			100.00000	13.48030	100.00000	13.44764				0.00	0	0
Total CPL02U SPOT										0.00	0	0
Total For CPL02U										0.00	0	0
CPL03U On 12/12/2018 Spot Bond			100.00000	19.16928	100.00000	19.12284				0.00	0	0
Total CPL03U SPOT										0.00	0	0
Total For CPL03U										0.00	0	0
CPL04U On 26/08/2016 Spot Bond			100.00000	82.94106	100.00000	82.75755				0.00	0	0
Total CPL04U SPOT										0.00	0	0
Total For CPL04U										0.00	0	0
CPL05U On 30/10/2018 Spot Bond			100.00000	21.97812	100.00000	21.92429				0.00	0	0
Total CPL05U SPOT										0.00	0	0
Total For CPL05U										0.00	0	0
CPL06U On 30/11/2018 Spot Bond			100.00000	20.41219	100.00000	20.36275				0.00	0	0
Total CPL06U SPOT										0.00	0	0
Total For CPL06U										0.00	0	0
CPV01 On 30/06/2029 Spot Bond			12.62500	94.32497	12.62500	94.29325				0.00	0	0
Total CPV01 SPOT										0.00	0	0
Total For CPV01										0.00	0	0
DEN38U On 10/06/2018 Spot Bond			100.00000	22.86794	100.00000	24.74632				0.00	0	0
Total DEN38U SPOT										0.00	0	0
Total For DEN38U										0.00	0	0
DEN39U On 10/06/2018 Spot Bond			100.00000	16.41495	100.00000	16.37518				0.00	0	0
Total DEN39U SPOT										0.00	0	0
Total For DEN39U										0.00	0	0
DEN40U On 10/06/2018 Spot Bond			100.00000	23.44444	100.00000	23.38764				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			8.75000	98.85756	8.75000	98.83455				0.00	0	0
Total DENG44 SPOT										0.00	0	0
Total For DENG44										0.00	0	0
DENG5 On 19/11/2016 Spot Bond				100.00000	0.00000	100.27455				0.00	200,000,000	200,000,000
Total DENG58 SPOT										0.00	200,000,000	200,000,000
Total For DENG58										0.00	200,000,000	200,000,000
DENG5 On 04/02/2017 Spot Bond				100.00000	0.00000	100.62598				0.00	0	0
Total DENG59 SPOT										0.00	0	0
Total For DENG59										0.00	0	0
DENG6 On 27/01/2017 Spot Bond				100.00000	0.00000	102.97260				0.00	0	0
Total DENG61 SPOT										0.00	0	0
Total For DENG61										0.00	0	0
DENG6 On 27/02/2017 Spot Bond				100.00000	0.00000	100.08975				0.00	0	0
Total DENG62 SPOT										0.00	0	0
Total For DENG62										0.00	0	0
DENG6 On 03/03/2017 Spot Bond				100.00000	0.00000	99.93572				0.00	0	0
Total DENG63 SPOT										0.00	0	0
Total For DENG63										0.00	0	0
DLTB02 On 09/12/2016 Spot Bond				100.00000	0.00000	99.79491				0.00	0	0
Total DLTB02 SPOT										0.00	0	0
Total For DLTB02										0.00	0	0
DLTB03 On 09/10/2017 Spot Bond				100.00000	0.00000	101.28504				0.00	0	0
Total DLTB03 SPOT										0.00	0	0
Total For DLTB03										0.00	0	0
DLTC12 On 03/08/2016 Spot Bond				100.00000	0.00000	100.67585				0.00	0	0
Total DLTC12 SPOT										0.00	0	0
Total For DLTC12										0.00	0	0
DLTC13 On 03/08/2016 Spot Bond				100.00000	0.00000	100.63358				0.00	0	0
Total DLTC13 SPOT										0.00	0	0
Total For DLTC13										0.00	0	0
DNG60 On 04/08/2017 Spot Bond			100.00000	40.96037	100.00000	40.87928				0.00	0	0
Total DNG60U SPOT										0.00	0	0
Total For DNG60U										0.00	0	0
DOL003 On 20/09/2018 Spot Bond				100.00000	0.00000	102.26428				0.00	0	0
Total DOL003 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For DOL003									0.00	0	0
DOL00 On 24/01/2019 Spot Bond				100.00000	0.00000	101.38593			0.00	0	0
Total DOL004 SPOT									0.00	0	0
Total For DOL004									0.00	0	0
DOL00 On 20/06/2019 Spot Bond				100.00000	0.00000	101.99756			0.00	0	0
Total DOL007 SPOT									0.00	0	0
Total For DOL007									0.00	0	0
DOL00 On 20/12/2019 Spot Bond				100.00000	0.00000	62.21863			0.00	0	0
Total DOL009 SPOT									0.00	0	0
Total For DOL009									0.00	0	0
DV2021 On 18/06/2021 Spot Bond			10.39000	98.84743	10.39000	98.82008			0.00	0	0
Total DV2021 SPOT									0.00	0	0
Total For DV2021									0.00	0	0
DV21 On 15/06/2016 Spot Bond			8.24000	99.68494	8.24000	99.66251			0.00	0	0
Total DV21 SPOT									0.00	0	0
Total For DV21									0.00	0	0
DV21/R On 15/06/2016 Spot Bond			100.00000	96.30607	100.00000	96.05263			0.00	0	0
Total DV21/R159 SPOT									0.00	0	0
Total For DV21/R159									0.00	0	0
DV22 On 07/02/2020 Spot Bond			10.23500	100.59812	10.23500	100.57054		5,772,540,000,000.00	564,000,000	313,200,000	
Total DV22 SPOT								5,772,540,000,000.00	564,000,000	313,200,000	
Total For DV22								5,772,540,000,000.00	564,000,000	313,200,000	
DV22/R On 07/02/2020 Spot Bond			100.00000	16.77435	100.00000	16.73702			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			10.67000	99.41473	10.67000	99.38634			0.00	0	114,000,000
Total DV23 SPOT									0.00	0	114,000,000
Total For DV23									0.00	0	114,000,000
DV23/R On 27/02/2023 Spot Bond			100.00000	12.73804	100.00000	12.70969			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			10.59000	98.07312	10.59000	98.04532			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	102.74048	9.69000	102.71377			0.00	0	0
Total DV24/R2023 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For DV24/R2023										0.00	0	0
DV29 On 18/02/2029 Spot Bond			11.57000	93.18591	11.57000	93.15712				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	102.85522	10.10000	102.82738				0.00	0	0
Total DV29/R213 SPOT										0.00	0	0
Total For DV29/R213										0.00	0	0
DVC01 On 11/06/2016 Spot Bond				100.00000	0.00000	101.76974				0.00	0	0
Total DVC011 SPOT										0.00	0	0
Total For DVC011										0.00	0	0
DVC01 On 25/06/2016 Spot Bond				100.00000	0.00000	101.45612				0.00	0	0
Total DVC013 SPOT										0.00	0	0
Total For DVC013										0.00	0	0
DVC01 On 24/08/2016 Spot Bond				100.00000	0.00000	100.15554				0.00	0	0
Total DVC015 SPOT										0.00	0	0
Total For DVC015										0.00	0	0
DVC01 On 16/09/2016 Spot Bond				100.00000	0.00000	101.63029				0.00	0	0
Total DVC017 SPOT										0.00	0	0
Total For DVC017										0.00	0	0
DVC01 On 24/08/2016 Spot Bond				100.00000	0.00000	100.15096				0.00	0	0
Total DVC018 SPOT										0.00	0	0
Total For DVC018										0.00	0	0
DVC01 On 01/12/2016 Spot Bond				100.00000	0.00000	99.97779				0.00	0	0
Total DVC019 SPOT										0.00	0	0
Total For DVC019										0.00	0	0
DVC02 On 24/02/2017 Spot Bond				100.00000	0.00000	100.15941				0.00	0	0
Total DVC020 SPOT										0.00	0	0
Total For DVC020										0.00	0	0
DVC02 On 24/02/2017 Spot Bond				100.00000	0.00000	102.11113				0.00	0	0
Total DVC021 SPOT										0.00	0	0
Total For DVC021										0.00	0	0
DVC02 On 16/09/2016 Spot Bond				100.00000	0.00000	101.60901				0.00	0	0
Total DVC022 SPOT										0.00	0	0
Total For DVC022										0.00	0	0
DVC02 On 16/03/2017 Spot Bond				100.00000	0.00000	101.65529				0.00	0	0
Total DVC023 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For DVC023									0.00	0	0
DVC02 On 16/03/2017 Spot Bond				100.00000	0.00000	101.73849			0.00	0	0
Total DVC024 SPOT									0.00	0	0
Total For DVC024									0.00	0	0
DVF16 On 19/11/2016 Spot Bond				100.00000	0.00000	100.30218			0.00	2,000,000,000	500,000,000
Total DVF16 SPOT									0.00	2,000,000,000	500,000,000
Total For DVF16									0.00	2,000,000,000	500,000,000
DVF17 On 18/03/2017 Spot Bond				100.00000	0.00000	101.44466			0.00	0	0
Total DVF17 SPOT									0.00	0	0
Total For DVF17									0.00	0	0
DVF18 On 30/03/2018 Spot Bond				100.00000	0.00000	101.08588			0.00	600,000,000	200,000,000
Total DVF18 SPOT									0.00	600,000,000	200,000,000
Total For DVF18									0.00	600,000,000	200,000,000
DVF19 On 31/05/2019 Spot Bond			100.00000	8.69719	100.00000	8.67003			0.00	0	0
Total DVF19 SPOT									0.00	0	0
Total For DVF19									0.00	0	0
DVF20 On 31/05/2021 Spot Bond			100.00000	1.54791	100.00000	1.54308			0.00	0	0
Total DVF20 SPOT									0.00	0	0
Total For DVF20									0.00	0	0
E170 On 01/08/2020 Spot Bond			9.30500	118.67640	9.30500	118.64675		11,166,000,000,000.00	1,200,000,000	600,000,000	
Total E170 SPOT								11,166,000,000,000.00	1,200,000,000	600,000,000	
Total For E170								11,166,000,000,000.00	1,200,000,000	600,000,000	
E170/R On 01/08/2020 Spot Bond			100.00000	20.62310	100.00000	20.57721			0.00	0	0
Total E170/R207 SPOT									0.00	0	0
Total For E170/R207									0.00	0	0
ECN20 On 14/03/2020 Spot Bond			10.30500	100.03095	10.30500	100.00364			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			10.45000	99.07991	10.45000	99.05250			0.00	0	0
Total ECN22 SPOT									0.00	0	0
Total For ECN22									0.00	0	0
ECN24 On 14/03/2024 Spot Bond			10.71000	98.15778	10.71000	98.12995			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			2.95000	104.74249	2.95000	104.68884			0.00	0	0
Total ECN32 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For ECN32										0.00	0	0
EFC03 On 31/08/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total EFC03 SPOT										0.00	0	0
Total For EFC03										0.00	0	0
EFC04 On 31/08/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total EFC04 SPOT										0.00	0	0
Total For EFC04										0.00	0	0
EFS00E On 23/10/2023 Spot Bond				100.00000	0.00000	101.16052				0.00	0	0
Total EFS00B SPOT										0.00	0	0
Total For EFS00B										0.00	0	0
EFS0A On 28/10/2023 Spot Bond				100.00000	0.00000	100.78333				0.00	0	0
Total EFS0A1 SPOT										0.00	0	0
Total For EFS0A1										0.00	0	0
EFS0A On 28/10/2023 Spot Bond				100.00000	0.00000	100.93908				0.00	0	0
Total EFS0A2 SPOT										0.00	0	0
Total For EFS0A2										0.00	0	0
EFS0C On 28/10/2023 Spot Bond			100.00000	17.86669	100.00000	17.82293				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			2.41000	105.50030	2.41000	105.44772				0.00	0	0
Total EL037 SPOT										0.00	0	0
Total For EL037										0.00	0	0
EL037/I On 31/01/2037 Spot Bond			2.25000	108.28648	2.25000	108.23299				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			2.28000	129.08368	2.28500	128.95381				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			2.27000	116.69645	2.27000	116.63882				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			2.27000	117.30786	2.27000	117.24984				0.00	0	0
Total EL30 SPOT										0.00	0	0
Total For EL30										0.00	0	0
EL31 On 02/06/2031 Spot Bond			2.30000	108.32224	2.30000	108.26861				0.00	0	0
Total EL31 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For EL31										0.00	0	0
EL36 On 31/01/2036 Spot Bond			2.39000	105.93652	2.39000	105.88378				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	108.28648	2.25000	108.23299				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			10.62000	103.39941	10.62000	103.37002				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			10.52000	103.09099	10.52000	103.06228				0.00	0	0
Total EMM02 SPOT										0.00	0	0
Total For EMM02										0.00	0	0
EMM03 On 04/05/2024 Spot Bond			11.16000	95.00764	11.16000	94.97960				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			11.35500	86.18634	11.35500	91.50189				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			11.49500	95.80907	11.49500	97.75524				0.00	0	2,999,999,700
Total EMM05 SPOT										0.00	0	2,999,999,700
Total For EMM05										0.00	0	2,999,999,700
EMM06 On 23/06/2025 Spot Bond			11.26000	98.84882	11.26000	101.19525				0.00	0	0
Total EMM06 SPOT										0.00	0	0
Total For EMM06										0.00	0	0
EPF002 On 28/05/2018 Spot Bond				100.00000	0.00000	100.02298				0.00	5,600,000,000	2,800,000,000
Total EPF002 SPOT										0.00	5,600,000,000	2,800,000,000
Total For EPF002										0.00	5,600,000,000	2,800,000,000
EPF003 On 12/09/2016 Spot Bond				100.00000	0.00000	101.78112				0.00	3,600,000,000	900,000,000
Total EPF003 SPOT										0.00	3,600,000,000	900,000,000
Total For EPF003										0.00	3,600,000,000	900,000,000
EPF004 On 06/11/2017 Spot Bond				100.00000	0.00000	100.61862				0.00	0	0
Total EPF004 SPOT										0.00	0	0
Total For EPF004										0.00	0	0
EPF005 On 06/11/2016 Spot Bond				100.00000	0.00000	100.59836				0.00	0	0
Total EPF005 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For EPF005										0.00	0	0
EPF005 On 19/08/2018 Spot Bond				100.00000	0.00000	100.29102				0.00	0	0
Total EPF006 SPOT										0.00	0	0
Total For EPF006										0.00	0	0
EPF007 On 02/09/2020 Spot Bond				100.00000	0.00000	99.95378				0.00	0	0
Total EPF007 SPOT										0.00	0	0
Total For EPF007										0.00	0	0
EPF010 On 01/09/2018 Spot Bond			100.00000	13.42177	100.00000	16.73657				0.00	0	0
Total EPF010 SPOT										0.00	0	0
Total For EPF010										0.00	0	0
EPF020 On 01/09/2019 Spot Bond			100.00000	5.49756	100.00000	6.85530				0.00	0	0
Total EPF020 SPOT										0.00	0	0
Total For EPF020										0.00	0	0
EPFC18 On 22/08/2016 Spot Bond				100.00000	0.00000	100.17986				0.00	0	0
Total EPFC18 SPOT										0.00	0	0
Total For EPFC18										0.00	0	0
EPFC21 On 04/11/2016 Spot Bond				100.00000	0.00000	100.63196				0.00	0	0
Total EPFC21 SPOT										0.00	0	0
Total For EPFC21										0.00	0	0
EPFC22 On 22/08/2016 Spot Bond				100.00000	0.00000	100.17394				0.00	0	0
Total EPFC22 SPOT										0.00	0	0
Total For EPFC22										0.00	0	0
EPFC23 On 22/08/2016 Spot Bond				100.00000	0.00000	102.20377				0.00	0	0
Total EPFC23 SPOT										0.00	0	0
Total For EPFC23										0.00	0	0
EPFC24 On 22/02/2017 Spot Bond				100.00000	0.00000	100.18617				0.00	0	0
Total EPFC24 SPOT										0.00	0	0
Total For EPFC24										0.00	0	0
EPFC25 On 04/11/2016 Spot Bond				100.00000	0.00000	100.59422				0.00	0	0
Total EPFC25 SPOT										0.00	0	0
Total For EPFC25										0.00	0	0
EQS05 On 25/04/2017 Spot Bond				100.00000	0.00000	98.23363				0.00	0	0
Total EQS05 SPOT										0.00	0	0
Total For EQS05										0.00	0	0
EQS06 On 09/04/2018 Spot Bond				100.00000	0.00000	97.29867				0.00	0	0
Total EQS06 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For EQS06										0.00	0	0
EQS07 On 09/04/2018 Spot Bond			13.39000	93.66683	13.39000	93.63367				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	99.19764				0.00	0	0
Total EQS08A SPOT										0.00	0	0
Total For EQS08A										0.00	0	0
EQS09 On 28/11/2016 Spot Bond				100.00000	0.00000	98.95469				0.00	0	0
Total EQS09 SPOT										0.00	0	0
Total For EQS09										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERS3B3 SPOT										0.00	0	0
Total For ERS3B3										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.35266				0.00	0	0
Total ERS3B4 SPOT										0.00	0	0
Total For ERS3B4										0.00	0	0
ERS3B On 17/11/2025 Spot Bond				100.00000	0.00000	100.35354				0.00	0	0
Total ERS3B5 SPOT										0.00	0	0
Total For ERS3B5										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERS3C3 SPOT										0.00	0	0
Total For ERS3C3										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.37136				0.00	0	0
Total ERS3C4 SPOT										0.00	0	0
Total For ERS3C4										0.00	0	0
ERS3C On 17/11/2025 Spot Bond				100.00000	0.00000	100.39032				0.00	0	0
Total ERS3C5 SPOT										0.00	0	0
Total For ERS3C5										0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERSA12 SPOT										0.00	0	0
Total For ERSA12										0.00	0	0
ERSA1 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total ERSA12/JIBAR SPOT										0.00	0	0
Total For ERSA12/JIBAR										0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total ERSA14 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For ERSA14									0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.33975			0.00	0	0
Total ERSA15 SPOT									0.00	0	0
Total For ERSA15									0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.32621			0.00	0	0
Total ERSA16 SPOT									0.00	0	0
Total For ERSA16									0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.33559			0.00	0	0
Total ERSA17 SPOT									0.00	0	0
Total For ERSA17									0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.32658			0.00	0	0
Total ERSA18 SPOT									0.00	0	0
Total For ERSA18									0.00	0	0
ERSA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.32282			0.00	0	0
Total ERSA19 SPOT									0.00	0	0
Total For ERSA19									0.00	0	0
ERSA2 On 17/11/2025 Spot Bond				100.00000	0.00000	100.33972			0.00	0	0
Total ERSA20 SPOT									0.00	0	0
Total For ERSA20									0.00	0	0
ERSA2 On 17/11/2025 Spot Bond				100.00000	0.00000	100.35237			0.00	0	0
Total ERSA21 SPOT									0.00	0	0
Total For ERSA21									0.00	0	0
ERSA2 On 17/11/2025 Spot Bond				100.00000	0.00000	100.33878			0.00	0	0
Total ERSA22 SPOT									0.00	0	0
Total For ERSA22									0.00	0	0
ES18 On 20/04/2018 Spot Bond			8.99000	101.48539	8.99000	101.46102			0.00	0	42,870,000,000
Total ES18 SPOT									0.00	0	42,870,000,000
Total For ES18									0.00	0	42,870,000,000
ES18/R On 20/04/2018 Spot Bond			9.25000	101.04306	9.25000	101.01810			0.00	0	0
Total ES18/R204 SPOT									0.00	0	0
Total For ES18/R204									0.00	0	0
ES23 On 25/01/2023 Spot Bond			9.84000	104.25879	9.84000	104.23128		1,095,807,984,000.00		111,362,600	5,995,666,500
Total ES23 SPOT								1,095,807,984,000.00		111,362,600	5,995,666,500
Total For ES23								1,095,807,984,000.00		111,362,600	5,995,666,500
ES23/R On 25/01/2023 Spot Bond			10.00000	103.49095	10.00000	103.46321			0.00	0	0
Total ES23/R2023 SPOT								0.00	0	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For ES23/R2023									0.00	0	0
ES26 On 02/04/2026 Spot Bond			10.24000	86.66530	10.24000	86.64165			0.00	0	12,803,598,700
Total ES26 SPOT									0.00	0	12,803,598,700
Total For ES26									0.00	0	12,803,598,700
ES33 On 15/09/2033 Spot Bond			10.81000	75.90660	10.80500	75.91587		10,810,000,000,000.00		1,000,000,000	129,905,366,200
Total ES33 SPOT								10,810,000,000,000.00		1,000,000,000	129,905,366,200
Total For ES33								10,810,000,000,000.00		1,000,000,000	129,905,366,200
ES42 On 25/04/2042 Spot Bond			10.95000	79.88136	10.95000	79.85810			0.00	0	31,712,063,900
Total ES42 SPOT									0.00	0	31,712,063,900
Total For ES42									0.00	0	31,712,063,900
EXX01 On 19/05/2017 Spot Bond				100.00000	0.00000	99.70599			0.00	0	7,579,896,300
Total EXX01 SPOT									0.00	0	7,579,896,300
Total For EXX01									0.00	0	7,579,896,300
EXX02 On 19/05/2019 Spot Bond				100.00000	0.00000	97.92165			0.00	0	0
Total EXX02 SPOT									0.00	0	0
Total For EXX02									0.00	0	0
FIFB03 On 26/06/2016 Spot Bond				100.00000	0.00000	101.53082			0.00	0	0
Total FIFB03 SPOT									0.00	0	0
Total For FIFB03									0.00	0	0
FIFB04 On 21/11/2017 Spot Bond				100.00000	0.00000	100.19703			0.00	0	0
Total FIFB04 SPOT									0.00	0	0
Total For FIFB04									0.00	0	0
FIFB05 On 28/02/2017 Spot Bond				100.00000	0.00000	100.02320			0.00	0	0
Total FIFB05 SPOT									0.00	0	0
Total For FIFB05									0.00	0	0
FIFB06 On 25/08/2017 Spot Bond				100.00000	0.00000	100.14249			0.00	0	0
Total FIFB06 SPOT									0.00	0	0
Total For FIFB06									0.00	0	0
FIFB07 On 27/11/2017 Spot Bond				100.00000	0.00000	100.09141			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	8.69719	100.00000	100.00000		220,000,000,000,000.00		2,200,000,000	2,200,000,000
Total FIFB08 SPOT								20,000,000,000,000.00		2,200,000,000	2,200,000,000
Total For FIFB08								20,000,000,000,000.00		2,200,000,000	2,200,000,000
FIFC23 On 23/08/2016 Spot Bond				100.00000	0.00000	100.18283			0.00	0	0
Total FIFC23 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FIFC23										0.00	0	0
FIFC25 On 07/10/2016 Spot Bond				100.00000	0.00000	101.22657				0.00	0	0
Total FIFC25 SPOT										0.00	0	0
Total For FIFC25										0.00	0	0
FIFC26 On 06/06/2016 Spot Bond				100.00000	0.00000	99.86656				0.00	0	0
Total FIFC26 SPOT										0.00	0	0
Total For FIFC26										0.00	0	0
FIFC27 On 06/12/2016 Spot Bond				100.00000	0.00000	99.87093				0.00	0	0
Total FIFC27 SPOT										0.00	0	0
Total For FIFC27										0.00	0	0
FIFC28 On 10/08/2016 Spot Bond				100.00000	0.00000	102.49070				0.00	0	0
Total FIFC28 SPOT										0.00	0	0
Total For FIFC28										0.00	0	0
FPA1U On 20/08/2023 Spot Bond			100.00000	0.15931	100.00000	0.15893				0.00	0	0
Total FPA1U SPOT										0.00	0	0
Total For FPA1U										0.00	0	0
FPB1U On 20/08/2023 Spot Bond			100.00000	0.15931	100.00000	0.15893				0.00	0	0
Total FPB1U SPOT										0.00	0	0
Total For FPB1U										0.00	0	0
FR002L On 02/08/2023 Spot Bond			100.00000	11.14616	100.00000	11.11916				0.00	0	0
Total FR002U SPOT										0.00	0	0
Total For FR002U										0.00	0	0
FR003L On 02/08/2023 Spot Bond			100.00000	10.85086	100.00000	10.82457				0.00	0	0
Total FR003U SPOT										0.00	0	0
Total For FR003U										0.00	0	0
FR2A4J On 15/09/2023 Spot Bond				100.00000	0.00000	101.79953				0.00	209,000,000	57,000,000
Total FR2A4A SPOT										0.00	209,000,000	57,000,000
Total For FR2A4A										0.00	209,000,000	57,000,000
FR2A4I On 15/09/2023 Spot Bond				100.00000	0.00000	101.60535				0.00	0	0
Total FR2A4B SPOT										0.00	0	0
Total For FR2A4B										0.00	0	0
FR2A4K On 15/09/2023 Spot Bond				100.00000	0.00000	101.98865				0.00	0	0
Total FR2A4C SPOT										0.00	0	0
Total For FR2A4C										0.00	0	0
FR2A4L On 15/09/2023 Spot Bond				100.00000	0.00000	102.11470				0.00	0	0
Total FR2A4D SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For FR2A4D									0.00	0	0
FRB05 On 21/12/2018 Spot Bond			10.49000	99.41421	10.49000	99.38644			0.00	0	210,000,000
Total FRB05 SPOT									0.00	0	210,000,000
Total For FRB05									0.00	0	210,000,000
FRB08 On 10/06/2016 Spot Bond				100.00000	0.00000	101.73447			0.00	0	0
Total FRB08 SPOT									0.00	0	0
Total For FRB08									0.00	0	0
FRB09 On 10/06/2017 Spot Bond				100.00000	0.00000	101.73439			0.00	0	0
Total FRB09 SPOT									0.00	0	0
Total For FRB09									0.00	0	0
FRB10 On 25/01/2017 Spot Bond				100.00000	0.00000	100.92555			0.00	0	0
Total FRB10 SPOT									0.00	0	0
Total For FRB10									0.00	0	0
FRB11 On 11/12/2022 Spot Bond				100.00000	0.00000	103.47098			0.00	0	1,200,000,000
Total FRB11 SPOT									0.00	0	1,200,000,000
Total For FRB11									0.00	0	1,200,000,000
FRB12 On 02/06/2024 Spot Bond				100.00000	0.00000	99.82254			0.00	0	0
Total FRB12 SPOT									0.00	0	0
Total For FRB12									0.00	0	0
FRB13 On 02/06/2026 Spot Bond				100.00000	0.00000	99.94981			0.00	0	0
Total FRB13 SPOT									0.00	0	0
Total For FRB13									0.00	0	0
FRB14 On 02/06/2026 Spot Bond			11.35000	92.02156	11.35000	94.89728			0.00	0	0
Total FRB14 SPOT									0.00	0	0
Total For FRB14									0.00	0	0
FRB15 On 06/03/2025 Spot Bond				100.00000	0.00000	103.66568			0.00	130,000,000	130,000,000
Total FRB15 SPOT									0.00	130,000,000	130,000,000
Total For FRB15									0.00	130,000,000	130,000,000
FRB16 On 08/07/2025 Spot Bond				100.00000	0.00000	101.40378			0.00	70,000,000	70,000,000
Total FRB16 SPOT									0.00	70,000,000	70,000,000
Total For FRB16									0.00	70,000,000	70,000,000
FRB17 On 08/01/2027 Spot Bond				100.00000	0.00000	101.58616			0.00	0	0
Total FRB17 SPOT									0.00	0	0
Total For FRB17									0.00	0	0
FRB18 On 13/04/2026 Spot Bond				100.00000	0.00000	101.48194			0.00	0	0
Total FRB18 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total For FRB18									0.00	0	0
FRB19 On 14/04/2021 Spot Bond			12.55000	100.85247	12.55000	100.81894			0.00	0	210,000,000
Total FRB19 SPOT									0.00	0	210,000,000
Total For FRB19									0.00	0	210,000,000
FRB20 On 15/04/2026 Spot Bond				100.00000	0.00000	101.42418			0.00	0	0
Total FRB20 SPOT									0.00	0	0
Total For FRB20									0.00	0	0
FRBC2 On 21/12/2018 Spot Bond			11.19000	107.08592	11.19000	107.05408			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	102.85661			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			2.20000	140.85916	2.20000	141.73427			0.00	0	210,000,000
Total FRBI22 SPOT									0.00	0	210,000,000
Total For FRBI22									0.00	0	210,000,000
FRBI23 On 07/12/2023 Spot Bond			2.51000	120.27583	2.51000	279.33663			0.00	0	260,000,000
Total FRBI23 SPOT									0.00	0	260,000,000
Total For FRBI23									0.00	0	260,000,000
FRBI25 On 31/01/2025 Spot Bond			2.45500	112.61850	2.45500	119.65280			0.00	0	0
Total FRBI25 SPOT									0.00	0	0
Total For FRBI25									0.00	0	0
FRBI28 On 31/03/2028 Spot Bond			3.12000	95.32683	3.12000	161.31609			0.00	0	180,000,000
Total FRBI28 SPOT									0.00	0	180,000,000
Total For FRBI28									0.00	0	180,000,000
FRBI33 On 07/12/2033 Spot Bond			3.21000	104.86456	3.21000	206.22020			0.00	0	40,000,000
Total FRBI33 SPOT									0.00	0	40,000,000
Total For FRBI33									0.00	0	40,000,000
FRBI46 On 31/03/2046 Spot Bond			3.74000	90.71303	3.74000	90.83586			0.00	0	0
Total FRBI46 SPOT									0.00	0	0
Total For FRBI46									0.00	0	0
FRBZ01 On 30/11/2020 Spot Bond			7.31000	72.81198	7.31000	72.29787			0.00	0	0
Total FRBZ01 SPOT									0.00	0	0
Total For FRBZ01									0.00	0	0
FRBZ02 On 28/10/2024 Spot Bond			9.29600	47.36417	9.29600	46.48552			0.00	0	0
Total FRBZ02 SPOT									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRBZ02										0.00	0	0
FRBZ0: On 10/12/2024 Spot Bond			9.54000	45.98949	9.54000	45.07198				0.00	0	0
Total FRBZ03 SPOT										0.00	0	0
Total For FRBZ03										0.00	0	0
FRC04: On 15/03/2017 Spot Bond			100.00000	61.86326	100.00000	61.71339				0.00	0	0
Total FRC04U SPOT										0.00	0	0
Total For FRC04U										0.00	0	0
FRC05: On 13/10/2018 Spot Bond			100.00000	24.75795	100.00000	24.67981				0.00	0	0
Total FRC05U SPOT										0.00	0	0
Total For FRC05U										0.00	0	0
FRC06: On 31/12/2017 Spot Bond			100.00000	30.91637	100.00000	30.76345				0.00	0	0
Total FRC06U SPOT										0.00	0	0
Total For FRC06U										0.00	0	0
FRC10: On 03/06/2021 Spot Bond				100.00000	0.00000	99.90977				0.00	0	0
Total FRC107 SPOT										0.00	0	0
Total For FRC107										0.00	0	0
FRC10: On 20/06/2017 Spot Bond				100.00000	0.00000	102.06432				0.00	0	0
Total FRC109 SPOT										0.00	0	0
Total For FRC109										0.00	0	0
FRC11: On 20/06/2017 Spot Bond				100.00000	0.00000	101.81635				0.00	0	0
Total FRC112 SPOT										0.00	0	0
Total For FRC112										0.00	0	0
FRC11: On 20/06/2017 Spot Bond				100.00000	0.00000	101.97278				0.00	0	0
Total FRC113 SPOT										0.00	0	0
Total For FRC113										0.00	0	0
FRC11: On 20/06/2017 Spot Bond			7.47000	100.24051	7.47000	98.00000				0.00	0	0
Total FRC115 SPOT										0.00	0	0
Total For FRC115										0.00	0	0
FRC11: On 20/06/2017 Spot Bond			7.47000	100.24051	7.47000	100.00000				0.00	0	0
Total FRC116 SPOT										0.00	0	0
Total For FRC116										0.00	0	0
FRC11: On 20/06/2017 Spot Bond				100.00000	0.00000	101.96896				0.00	0	0
Total FRC118 SPOT										0.00	0	0
Total For FRC118										0.00	0	0
FRC11: On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC119 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC119										0.00	0	0
FRC12: On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC120 SPOT										0.00	0	0
Total For FRC120										0.00	0	0
FRC12: On 20/06/2017 Spot Bond				100.00000	0.00000	101.88694				0.00	0	0
Total FRC121 SPOT										0.00	0	0
Total For FRC121										0.00	0	0
FRC12: On 20/06/2017 Spot Bond				100.00000	0.00000	102.11198				0.00	0	0
Total FRC122 SPOT										0.00	0	0
Total For FRC122										0.00	0	0
FRC12: On 20/06/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC123 SPOT										0.00	0	0
Total For FRC123										0.00	0	0
FRC12: On 20/06/2017 Spot Bond				100.00000	0.00000	101.94035				0.00	0	0
Total FRC124 SPOT										0.00	0	0
Total For FRC124										0.00	0	0
FRC12: On 20/09/2017 Spot Bond			6.00000	100.19325	6.00000	100.00000				0.00	0	0
Total FRC125 SPOT										0.00	0	0
Total For FRC125										0.00	0	0
FRC12: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC126 SPOT										0.00	0	0
Total For FRC126										0.00	0	0
FRC12: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC127 SPOT										0.00	0	0
Total For FRC127										0.00	0	0
FRC12: On 20/09/2017 Spot Bond				100.00000	0.00000	102.04891				0.00	0	0
Total FRC128 SPOT										0.00	0	0
Total For FRC128										0.00	0	0
FRC12: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC129 SPOT										0.00	0	0
Total For FRC129										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC130 SPOT										0.00	0	0
Total For FRC130										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC131 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC131										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC132 SPOT										0.00	0	0
Total For FRC132										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC133 SPOT										0.00	0	0
Total For FRC133										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	102.47378				0.00	0	0
Total FRC134 SPOT										0.00	0	0
Total For FRC134										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	102.40713				0.00	0	0
Total FRC135 SPOT										0.00	0	0
Total For FRC135										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC136 SPOT										0.00	0	0
Total For FRC136										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC137 SPOT										0.00	0	0
Total For FRC137										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC138 SPOT										0.00	0	0
Total For FRC138										0.00	0	0
FRC13: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC139 SPOT										0.00	0	0
Total For FRC139										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC140 SPOT										0.00	0	0
Total For FRC140										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC141 SPOT										0.00	0	0
Total For FRC141										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC142 SPOT										0.00	0	0
Total For FRC142										0.00	0	0
FRC14: On 20/09/2017 Spot Bond			100.09221	45.97255	100.09221	45.86108				0.00	0	0
Total FRC143 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC143										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	101.78191				0.00	0	0
Total FRC144 SPOT										0.00	0	0
Total For FRC144										0.00	0	0
FRC14: On 20/09/2017 Spot Bond				100.00000	0.00000	106.43351				0.00	0	0
Total FRC145 SPOT										0.00	0	0
Total For FRC145										0.00	0	0
FRC15: On 20/09/2017 Spot Bond				100.00000	0.00000	101.93451				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	94.13512	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	101.95362				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	101.80293				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	101.85444				0.00	0	0
Total FRC154 SPOT										0.00	0	0
Total For FRC154										0.00	0	0
FRC15: On 20/12/2017 Spot Bond				100.00000	0.00000	102.35959				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	101.82582				0.00	0	0
Total FRC161 SPOT										0.00	0	0
Total For FRC161										0.00	0	0
FRC16: On 14/12/2018 Spot Bond			13.22500	71.90149	13.22500	71.87607				0.00	0	0
Total FRC162 SPOT										0.00	0	0
Total For FRC162										0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	101.73435				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	101.73626				0.00	0	0
Total FRC166 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC166										0.00	0	0
FRC16: On 20/03/2018 Spot Bond				100.00000	0.00000	102.42665				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	101.73137				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			3.68500	105.14385	3.68500	108.72217				0.00	0	0
Total FRC169 SPOT										0.00	0	0
Total For FRC169										0.00	0	0
FRC17: On 20/06/2018 Spot Bond				100.00000	0.00000	101.87358				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	101.87358				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	100.21412				0.00	0	0
Total FRC172 SPOT										0.00	0	0
Total For FRC172										0.00	0	0
FRC17: On 30/06/2017 Spot Bond				100.00000	0.00000	101.65801				0.00	0	0
Total FRC173 SPOT										0.00	0	0
Total For FRC173										0.00	0	0
FRC17: On 20/06/2018 Spot Bond				100.00000	0.00000	101.87358				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	101.77810				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	101.74185				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	100.74263				0.00	0	0
Total FRC178 SPOT										0.00	0	0
Total For FRC178										0.00	0	0
FRC17: On 20/09/2020 Spot Bond				100.00000	0.00000	102.00096				0.00	0	0
Total FRC179 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC179										0.00	0	0
FRC18: On 06/08/2023 Spot Bond				100.00000	0.00000	78.93287				0.00	0	0
Total FRC181 SPOT										0.00	0	0
Total For FRC181										0.00	0	0
FRC18: On 26/01/2021 Spot Bond				100.00000	0.00000	101.00169				0.00	0	0
Total FRC182 SPOT										0.00	0	0
Total For FRC182										0.00	0	0
FRC18: On 20/12/2018 Spot Bond				100.00000	0.00000	102.26434				0.00	0	0
Total FRC183 SPOT										0.00	0	0
Total For FRC183										0.00	0	0
FRC18: On 20/12/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC184 SPOT										0.00	0	0
Total For FRC184										0.00	0	0
FRC18: On 20/12/2018 Spot Bond				100.00000	0.00000	102.26244				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	101.85459				0.00	0	0
Total FRC188 SPOT										0.00	0	0
Total For FRC188										0.00	0	0
FRC18: On 20/03/2019 Spot Bond				100.00000	0.00000	101.85459				0.00	0	0
Total FRC189 SPOT										0.00	0	0
Total For FRC189										0.00	0	0
FRC19: On 02/04/2017 Spot Bond				100.00000	0.00000	101.36986				0.00	0	0
Total FRC191 SPOT										0.00	0	0
Total For FRC191										0.00	0	0
FRC19: On 02/04/2019 Spot Bond				100.00000	0.00000	101.43502				0.00	0	0
Total FRC192 SPOT										0.00	0	0
Total For FRC192										0.00	0	0
FRC19: On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				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	101.94580				0.00	0	0
Total FRC195 SPOT										0.00	0	0
Total For FRC195										0.00	0	0
FRC20: On 17/04/2017 Spot Bond				100.00000	0.00000	101.09891				0.00	0	0
Total FRC200 SPOT										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total For FRC200										0.00	0	0
FRC20: On 17/04/2017 Spot Bond				100.00000	0.00000	101.09891				0.00	0	0
Total FRC202 SPOT										0.00	0	0
Total For FRC202										0.00	0	0
FRC20: On 06/05/2017 Spot Bond				100.00000	0.00000	100.65555				0.00	0	0
Total FRC204 SPOT										0.00	0	0
Total For FRC204										0.00	0	0
FRC20: On 06/05/2017 Spot Bond			8.75000	100.61342	8.75000	100.58976				0.00	0	0
Total FRC205 SPOT										0.00	0	0
Total For FRC205										0.00	0	0
FRC20: On 20/06/2019 Spot Bond				100.00000	0.00000	101.82397				0.00	0	0
Total FRC206 SPOT										0.00	0	0
Total For FRC206										0.00	0	0
FRC20: On 20/09/2021 Spot Bond			100.00000	12.45484	100.00000	12.42467				0.00	0	0
Total FRC207 SPOT										0.00	0	0
Total For FRC207										0.00	0	0
FRC20: On 20/09/2021 Spot Bond			100.00000	11.52051	100.00000	11.49260				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	97.54459				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	14.91080	100.00000	14.87468				0.00	0	0
FRC21: On 20/12/2019 Spot Bond				100.00000	0.00000	101.91167				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	42.17670	100.00000	42.07340				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	100.56400				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	9.64952	100.00000	9.62615				0.00	0	0
Total FRC213 SPOT										0.00	0	0
Total For FRC213										0.00	0	0
FRC21: On 07/11/2017 Spot Bond			100.00000	40.89767	100.00000	40.79860				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC214 SPOT										0.00	0	0
Total For FRC214										0.00	0	0
FRC214: On 07/11/2019 Spot Bond				100.00000	0.00000	100.56396				0.00	0	0
Total FRC215 SPOT										0.00	0	0
Total For FRC215										0.00	0	0
FRC215: On 07/11/2017 Spot Bond			100.00000	40.87625	100.00000	40.77723				0.00	0	0
Total FRC216 SPOT										0.00	0	0
Total For FRC216										0.00	0	0
FRC216: On 07/11/2017 Spot Bond				100.00000	0.00000	100.56277				0.00	0	0
Total FRC217 SPOT										0.00	0	0
Total For FRC217										0.00	0	0
FRC217: On 07/11/2017 Spot Bond				100.00000	0.00000	100.53847				0.00	0	0
Total FRC218 SPOT										0.00	0	0
Total For FRC218										0.00	0	0
FRC218: On 04/11/2019 Spot Bond				100.00000	0.00000	100.69517				0.00	0	0
Total FRC219 SPOT										0.00	0	0
Total For FRC219										0.00	0	0
FRC219: On 04/11/2017 Spot Bond				100.00000	0.00000	100.65869				0.00	0	0
Total FRC220 SPOT										0.00	0	0
Total For FRC220										0.00	0	0
FRC220: On 31/01/2022 Spot Bond			3.01000	135.98666	3.01000	135.91666				0.00	0	0
Total FRC221 SPOT										0.00	0	0
Total For FRC221										0.00	0	0
FRC221: On 10/11/2016 Spot Bond				100.00000	0.00000	100.50594				0.00	0	0
Total FRC222 SPOT										0.00	0	0
Total For FRC222										0.00	0	0
FRC222: On 10/11/2016 Spot Bond				100.00000	0.00000	100.50029				0.00	0	0
Total FRC223 SPOT										0.00	0	0
Total For FRC223										0.00	0	0
FRC223: On 10/11/2016 Spot Bond				100.00000	0.00000	100.50029				0.00	0	0
Total FRC224 SPOT										0.00	0	0
Total For FRC224										0.00	0	0
FRC224: On 20/05/2020 Spot Bond				100.00000	0.00000	100.27850				0.00	0	0
Total FRC225 SPOT										0.00	0	0
Total For FRC225										0.00	0	0
FRC225: On 10/09/2016 Spot Bond				100.00000	0.00000	101.84862				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC227 SPOT										0.00	0	0
Total For FRC227										0.00	0	0
FRC227 On 16/09/2016 Spot Bond				100.00000	0.00000	101.71742				0.00	0	0
Total FRC228 SPOT										0.00	0	0
Total For FRC228										0.00	0	0
FRC228 On 30/03/2017 Spot Bond				100.00000	0.00000	101.78449				0.00	0	0
Total FRC229 SPOT										0.00	0	0
Total For FRC229										0.00	0	0
FRC229 On 20/06/2020 Spot Bond				100.00000	0.00000	101.93994				0.00	0	0
Total FRC230 SPOT										0.00	0	0
Total For FRC230										0.00	0	0
FRC230 On 25/06/2018 Spot Bond				100.00000	0.00000	101.53099				0.00	0	0
Total FRC231 SPOT										0.00	0	0
Total For FRC231										0.00	0	0
FRC231 On 15/07/2016 Spot Bond				100.00000	0.00000	101.08211				0.00	0	0
Total FRC232 SPOT										0.00	0	0
Total For FRC232										0.00	0	0
FRC232 On 31/01/2022 Spot Bond			3.87000	130.10832	3.87000	130.03831				0.00	0	0
Total FRC233 SPOT										0.00	0	0
Total For FRC233										0.00	0	0
FRC233 On 20/12/2020 Spot Bond				100.00000	0.00000	102.72449				0.00	0	0
Total FRC234 SPOT										0.00	0	0
Total For FRC234										0.00	0	0
FRC234 On 26/01/2021 Spot Bond				100.00000	0.00000	101.27808				0.00	0	0
Total FRC235 SPOT										0.00	0	0
Total For FRC235										0.00	0	0
FRC235 On 08/02/2020 Spot Bond				100.00000	0.00000	87.67620				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	91.36721				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	88.32625				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	93.26293				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC239 SPOT										0.00	0	0
Total For FRC239										0.00	0	0
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	95.54135				0.00	0	0
Total FRC240 SPOT										0.00	0	0
Total For FRC240										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	86.74603				0.00	0	0
Total FRC241 SPOT										0.00	0	0
Total For FRC241										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	86.39290				0.00	0	0
Total FRC242 SPOT										0.00	0	0
Total For FRC242										0.00	0	0
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	102.26809				0.00	0	0
Total FRC243 SPOT										0.00	0	0
Total For FRC243										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	93.20997				0.00	0	0
Total FRC244 SPOT										0.00	0	0
Total For FRC244										0.00	0	0
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	102.24764				0.00	0	0
Total FRC245 SPOT										0.00	0	0
Total For FRC245										0.00	0	0
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	101.80986				0.00	0	0
Total FRC246 SPOT										0.00	0	0
Total For FRC246										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	89.03552				0.00	0	0
Total FRC247 SPOT										0.00	0	0
Total For FRC247										0.00	0	0
FRC24(On 08/02/2020 Spot Bond				100.00000	0.00000	75.37949				0.00	0	0
Total FRC248 SPOT										0.00	0	0
Total For FRC248										0.00	0	0
FRC24(On 19/10/2020 Spot Bond				100.00000	0.00000	92.23231				0.00	0	0
Total FRC249 SPOT										0.00	0	0
Total For FRC249										0.00	0	0
FRC25(On 19/10/2020 Spot Bond				100.00000	0.00000	80.75031				0.00	0	0
Total FRC250 SPOT										0.00	0	0
Total For FRC250										0.00	0	0
FRC46 On 10/09/2017 Spot Bond				100.00000	0.00000	102.10402				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC46 SPOT										0.00	0	0
Total For FRC46										0.00	0	0
FRC61 On 28/07/2017 Spot Bond				100.00000	0.00000	100.86839				0.00	0	0
Total FRC61 SPOT										0.00	0	0
Total For FRC61										0.00	0	0
FRC66 On 31/01/2022 Spot Bond			3.54000	113.85413	3.54000	132.25867				0.00	0	0
Total FRC66 SPOT										0.00	0	0
Total For FRC66										0.00	0	0
FRC67 On 20/09/2016 Spot Bond				100.00000	0.00000	101.96121				0.00	0	0
Total FRC67 SPOT										0.00	0	0
Total For FRC67										0.00	0	0
FRC68 On 20/09/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRC68 SPOT										0.00	0	0
Total For FRC68										0.00	0	0
FRC69 On 31/01/2022 Spot Bond			3.59000	106.13109	3.59000	131.91946				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			3.57000	104.17520	3.57000	132.05502				0.00	0	0
Total FRC71 SPOT										0.00	0	0
Total For FRC71										0.00	0	0
FRC72 On 31/01/2017 Spot Bond			2.61000	101.56544	2.61000	137.84073				0.00	0	0
Total FRC72 SPOT										0.00	0	0
Total For FRC72										0.00	0	0
FRC74 On 20/09/2016 Spot Bond			2.68000	102.49466	2.68000	151.16356				0.00	0	0
Total FRC74 SPOT										0.00	0	0
Total For FRC74										0.00	0	0
FRC76 On 28/07/2017 Spot Bond				100.00000	0.00000	100.95914				0.00	0	0
Total FRC76 SPOT										0.00	0	0
Total For FRC76										0.00	0	0
FRC83 On 20/12/2016 Spot Bond				100.00000	0.00000	101.73997				0.00	0	0
Total FRC83 SPOT										0.00	0	0
Total For FRC83										0.00	0	0
FRC84 On 20/12/2016 Spot Bond				100.00000	0.00000	101.94981				0.00	0	0
Total FRC84 SPOT										0.00	0	0
Total For FRC84										0.00	0	0
FRC86 On 20/12/2016 Spot Bond				100.00000	0.00000	102.23195				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRC86 SPOT										0.00	0	0
Total For FRC86										0.00	0	0
FRC87 On 20/12/2016 Spot Bond				100.00000	0.00000	102.15953				0.00	0	0
Total FRC87 SPOT										0.00	0	0
Total For FRC87										0.00	0	0
FRC94 On 20/03/2017 Spot Bond				100.00000	0.00000	101.89850				0.00	0	0
Total FRC94A SPOT										0.00	0	0
Total For FRC94A										0.00	0	0
FRC96 On 20/03/2017 Spot Bond				100.00000	0.00000	101.89659				0.00	0	0
Total FRC96A SPOT										0.00	0	0
Total For FRC96A										0.00	0	0
FRD01 On 31/10/2020 Spot Bond				100.00000	0.00000	101.03948				0.00	0	0
Total FRD013 SPOT										0.00	0	0
Total For FRD013										0.00	0	0
FRD01 On 22/12/2018 Spot Bond			100.00000	17.83254	100.00000	17.78934				0.00	0	0
Total FRD01U SPOT										0.00	0	0
Total For FRD01U										0.00	0	0
FRD09 On 26/06/2017 Spot Bond			100.00000	44.22364	100.00000	44.11651				0.00	0	0
Total FRD09U SPOT										0.00	0	0
Total For FRD09U										0.00	0	0
FRD11 On 08/11/2016 Spot Bond			100.00000	84.40367	100.00000	84.21053				0.00	0	0
Total FRD11U SPOT										0.00	0	0
Total For FRD11U										0.00	0	0
FRD13 On 31/12/2019 Spot Bond			100.00000	14.27155	100.00000	14.23660				0.00	0	0
Total FRD13U SPOT										0.00	0	0
Total For FRD13U										0.00	0	0
FRJ17 On 04/04/2017 Spot Bond				100.00000	0.00000	101.81157				0.00	450,000,000	2,925,000,000
Total FRJ17 SPOT										0.00	450,000,000	2,925,000,000
Total For FRJ17										0.00	450,000,000	2,925,000,000
FRJ18 On 21/02/2018 Spot Bond				100.00000	0.00000	100.85947				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	101.06766				0.00	12,500,000,000	12,200,000,000
Total FRJ19 SPOT										0.00	12,500,000,000	12,200,000,000
Total For FRJ19										0.00	12,500,000,000	12,200,000,000
FRJ20 On 20/09/2020 Spot Bond				100.00000	0.00000	100.11716				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.26394				0.00	0	0
Total FRJ21 SPOT										0.00	0	0
Total For FRJ21										0.00	0	0
FRJ25 On 09/03/2025 Spot Bond				100.00000	0.00000	102.67676				0.00	0	0
Total FRJ25 SPOT										0.00	0	0
Total For FRJ25										0.00	0	0
FRS01L On 13/05/2021 Spot Bond			100.00000	3.21038	100.00000	3.20421				0.00	0	0
Total FRS01U SPOT										0.00	0	0
Total For FRS01U										0.00	0	0
FRS02L On 13/05/2021 Spot Bond			100.00000	3.21038	100.00000	3.20421				0.00	0	0
Total FRS02U SPOT										0.00	0	0
Total For FRS02U										0.00	0	0
FRS10C On 15/01/2024 Spot Bond			2.15800	84.98007	2.15800	111.87936				0.00	0	0
Total FRS100 SPOT										0.00	0	0
Total For FRS100										0.00	0	0
FRS10E On 31/01/2038 Spot Bond			2.51000	109.63468	2.51000	118.77929				0.00	0	0
Total FRS101 SPOT										0.00	0	0
Total For FRS101										0.00	0	0
FRS10G On 21/01/2017 Spot Bond				100.00000	0.00000	100.93932				0.00	0	0
Total FRS102 SPOT										0.00	0	0
Total For FRS102										0.00	0	0
FRS10I On 23/01/2024 Spot Bond			10.38000	101.10401	10.38000	101.07555				0.00	0	0
Total FRS103 SPOT										0.00	0	0
Total For FRS103										0.00	0	0
FRS10K On 23/01/2024 Spot Bond			10.38000	101.10401	10.38000	101.07555				0.00	0	0
Total FRS104 SPOT										0.00	0	0
Total For FRS104										0.00	0	0
FRS10L On 31/01/2038 Spot Bond			2.65000	106.92118	2.65000	116.02383				0.00	0	0
Total FRS108 SPOT										0.00	0	0
Total For FRS108										0.00	0	0
FRS10M On 07/12/2033 Spot Bond			2.65000	218.58921	2.65000	218.47890				0.00	0	0
Total FRS109 SPOT										0.00	0	0
Total For FRS109										0.00	0	0
FRS11C On 31/01/2038 Spot Bond			2.62000	116.66659	2.62000	116.60776				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRS110 SPOT										0.00	0	0
Total For FRS110										0.00	0	0
FRS112 On 07/12/2033 Spot Bond			2.68000	217.71428	2.68000	217.60424				0.00	0	0
Total FRS112 SPOT										0.00	0	0
Total For FRS112										0.00	0	0
FRS113 On 29/04/2019 Spot Bond				100.00000	0.00000	91.85086				0.00	0	0
Total FRS113 SPOT										0.00	0	0
Total For FRS113										0.00	0	0
FRS114 On 31/01/2025 Spot Bond			2.94000	115.26048	2.94000	115.20136				0.00	0	0
Total FRS114 SPOT										0.00	0	0
Total For FRS114										0.00	0	0
FRS115 On 31/03/2038 Spot Bond			2.81500	112.93178	2.81500	112.87425				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			2.81500	112.93178	2.81500	112.87425				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			2.80000	118.70540	2.80000	214.14767				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			2.85000	212.83565	2.85000	212.72710				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			2.47000	104.68243	2.47000	104.63009				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			2.88000	167.31530	2.88000	211.88021				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			3.09000	93.36215	3.09000	107.85090				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			3.16000	102.11937	3.16000	160.67179				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			3.54000	87.51646	3.54000	100.20287				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRS127 SPOT										0.00	0	0
Total For FRS127										0.00	0	0
FRS127 On 31/03/2028 Spot Bond			3.15000	102.24889	3.15000	160.83258				0.00	0	0
Total FRS129 SPOT										0.00	0	0
Total For FRS129										0.00	0	0
FRS129 On 11/08/2016 Spot Bond			100.00000	87.07803	100.00000	86.87877				0.00	0	0
Total FRS130 SPOT										0.00	0	0
Total For FRS130										0.00	0	0
FRS130 On 31/03/2028 Spot Bond			3.21000	159.95366	3.21000	159.87056				0.00	0	0
Total FRS131 SPOT										0.00	0	0
Total For FRS131										0.00	0	0
FRS131 On 07/12/2033 Spot Bond			3.39000	197.11350	3.39000	198.09159				0.00	0	0
Total FRS132 SPOT										0.00	0	0
Total For FRS132										0.00	0	0
FRS132 On 24/03/2020 Spot Bond				100.00000	0.00000	81.81083				0.00	0	0
Total FRS133 SPOT										0.00	0	0
Total For FRS133										0.00	0	0
FRS133 On 31/01/2038 Spot Bond			3.47000	88.21353	3.47000	101.34806				0.00	0	0
Total FRS134 SPOT										0.00	0	0
Total For FRS134										0.00	0	0
FRS134 On 31/01/2038 Spot Bond			3.44000	88.59097	3.44000	101.84375				0.00	0	0
Total FRS135 SPOT										0.00	0	0
Total For FRS135										0.00	0	0
FRS135 On 31/01/2038 Spot Bond			3.25000	90.05507	3.25000	105.05276				0.00	0	0
Total FRS136 SPOT										0.00	0	0
Total For FRS136										0.00	0	0
FRS136 On 31/03/2028 Spot Bond			3.02000	163.02382	3.02000	162.93994				0.00	0	0
Total FRS137 SPOT										0.00	0	0
Total For FRS137										0.00	0	0
FRS137 On 07/12/2033 Spot Bond			3.16000	204.27621	3.16000	204.17032				0.00	0	0
Total FRS138 SPOT										0.00	0	0
Total For FRS138										0.00	0	0
FRS138 On 08/08/2016 Spot Bond				100.00000	0.00000	100.48536				0.00	0	0
Total FRS139 SPOT										0.00	0	0
Total For FRS139										0.00	0	0
FRS139 On 19/09/2016 Spot Bond				100.00000	0.00000	101.60146				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total FRS140 SPOT									0.00	0	0
Total For FRS140									0.00	0	0
FRS140 On 03/10/2016 Spot Bond				100.00000	0.00000	104.97651			0.00	0	0
Total FRS141 SPOT									0.00	0	0
Total For FRS141									0.00	0	0
FRS141 On 31/03/2028 Spot Bond			3.15000	160.91592	3.15000	160.83258			0.00	0	0
Total FRS142 SPOT									0.00	0	0
Total For FRS142									0.00	0	0
FRS142 On 31/03/2028 Spot Bond			3.15000	160.91592	3.15000	160.83258			0.00	0	0
Total FRS143 SPOT									0.00	0	0
Total For FRS143									0.00	0	0
FRS143 On 21/05/2019 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRS144 SPOT									0.00	0	0
Total For FRS144									0.00	0	0
FRS144 On 31/03/2028 Spot Bond			3.44000	94.83335	3.44000	156.24380			0.00	0	0
Total FRS145 SPOT									0.00	0	0
Total For FRS145									0.00	0	0
FRS145 On 31/01/2025 Spot Bond			3.24000	112.39842	3.24000	112.54134			0.00	0	0
Total FRS146 SPOT									0.00	0	0
Total For FRS146									0.00	0	0
FRS146 On 31/01/2022 Spot Bond			2.71000	137.60714	2.71000	138.03875			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	74.99600			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			3.50000	154.79794	3.50000	155.31336			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			3.54000	154.12324	3.54000	154.69663			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			100.00000	2.56352	100.00000	100.00000		220,000,000,000,000.00	2,200,000,000	2,200,000,000	
Total FRS151 SPOT								20,000,000,000,000.00	2,200,000,000	2,200,000,000	
Total For FRS151								20,000,000,000,000.00	2,200,000,000	2,200,000,000	
FRS151 On 31/03/2028 Spot Bond			100.00000	4.44110	100.00000	100.00000		100,000,000,000,000.00	1,000,000,000	1,000,000,000	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total FRS152 SPOT									10,000,000,000,000.00	1,000,000,000	1,000,000,000
Total For FRS152									10,000,000,000,000.00	1,000,000,000	1,000,000,000
FRS36 On 07/12/2023 Spot Bond			2.27000	122.11472	2.27000	283.60924			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			2.16000	122.96864	2.16000	285.59329			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			2.88000	117.50460	2.88000	272.89782			0.00	0	0
Total FRS43 SPOT									0.00	0	0
Total For FRS43									0.00	0	0
FRS46 On 31/01/2022 Spot Bond			2.67000	101.33769	2.67000	138.32456			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	100.82424			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			2.20000	141.80417	2.20000	141.73427			0.00	0	0
Total FRS51 SPOT									0.00	0	0
Total For FRS51									0.00	0	0
FRS56 On 19/07/2016 Spot Bond				100.00000	0.00000	101.08442			0.00	1,150,000,000	300,000,000
Total FRS56 SPOT									0.00	1,150,000,000	300,000,000
Total For FRS56									0.00	1,150,000,000	300,000,000
FRS59 On 07/10/2016 Spot Bond				100.00000	0.00000	101.34387			0.00	0	0
Total FRS59 SPOT									0.00	0	0
Total For FRS59									0.00	0	0
FRS62 On 04/11/2026 Spot Bond				100.00000	0.00000	100.68050			0.00	0	0
Total FRS62 SPOT									0.00	0	0
Total For FRS62									0.00	0	0
FRS64 On 26/01/2042 Spot Bond			2.49000	115.88109	2.49000	115.82308			0.00	0	0
Total FRS64 SPOT									0.00	0	0
Total For FRS64									0.00	0	0
FRS69 On 31/05/2017 Spot Bond			104.97509	54.59522	104.97509	54.45710			0.00	0	0
Total FRS69 SPOT									0.00	0	0
Total For FRS69									0.00	0	0
FRS73 On 12/06/2017 Spot Bond			101.07593	50.59804	101.07593	50.47429			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRS73 SPOT										0.00	0	0
Total For FRS73										0.00	0	0
FRS74 On 14/06/2017 Spot Bond			100.44759	44.38369	100.44759	44.27575				0.00	0	0
Total FRS74 SPOT										0.00	0	0
Total For FRS74										0.00	0	0
FRS76 On 18/06/2017 Spot Bond			100.76967	48.88649	100.76967	48.76725				0.00	0	0
Total FRS76 SPOT										0.00	0	0
Total For FRS76										0.00	0	0
FRS79 On 10/07/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRS79 SPOT										0.00	0	0
Total For FRS79										0.00	0	0
FRS81 On 30/10/2042 Spot Bond			2.17000	124.21508	2.17000	124.15402				0.00	0	0
Total FRS81 SPOT										0.00	0	0
Total For FRS81										0.00	0	0
FRS82 On 21/11/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total FRS82 SPOT										0.00	0	0
Total For FRS82										0.00	0	0
FRS85 On 31/01/2025 Spot Bond			2.40000	97.55649	2.40000	120.16970				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	99.24206				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			2.43000	97.32743	2.43000	119.88745				0.00	0	0
Total FRS87 SPOT										0.00	0	0
Total For FRS87										0.00	0	0
FRS88 On 28/05/2020 Spot Bond				100.00000	0.00000	100.02563				0.00	0	0
Total FRS88 SPOT										0.00	0	0
Total For FRS88										0.00	0	0
FRS90 On 07/12/2023 Spot Bond			2.36000	121.42127	2.36000	281.99803				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	100.54318				0.00	0	0
Total FRS94 SPOT										0.00	0	0
Total For FRS94										0.00	0	0
FRS96 On 24/08/2018 Spot Bond				100.00000	0.00000	100.09308				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total FRS96 SPOT									0.00	0	0
Total For FRS96									0.00	0	0
FRS97 On 29/08/2018 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total FRS97 SPOT									0.00	0	0
Total For FRS97									0.00	0	0
FRX16 On 15/09/2016 Spot Bond			7.43000	101.80334	7.43000	101.78305			0.00	0	0
Total FRX16 SPOT									0.00	0	0
Total For FRX16									0.00	0	0
FRX17 On 15/09/2017 Spot Bond			8.77500	101.45120	8.77500	101.42752			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			9.04000	103.81451	9.04000	103.78943		2,712,000,000,000.00	300,000,000	300,000,000	
Total FRX18 SPOT								2,712,000,000,000.00	300,000,000	300,000,000	
Total For FRX18								2,712,000,000,000.00	300,000,000	300,000,000	
FRX19 On 15/11/2019 Spot Bond			9.67500	98.46438	9.67500	98.43910		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			9.98000	97.19159	9.98000	97.16573		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			10.76000	87.76397	10.76000	87.73912		0.00	0	190,000,000	
Total FRX23 SPOT								0.00	0	190,000,000	
Total For FRX23								0.00	0	190,000,000	
FRX24 On 10/12/2024 Spot Bond			10.90000	98.92365	10.90000	98.89497		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			11.31000	90.68524	11.31000	90.65798		32,277,609,000,000.00	2,853,900,000	21,926,950,000	
Total FRX26 SPOT								32,277,609,000,000.00	2,853,900,000	21,926,950,000	
Total For FRX26								32,277,609,000,000.00	2,853,900,000	21,926,950,000	
FRX30 On 31/01/2030 Spot Bond			11.47000	91.50852	11.47000	91.48048		3,211,600,000,000.00	280,000,000	280,000,000	
Total FRX30 SPOT								3,211,600,000,000.00	280,000,000	280,000,000	
Total For FRX30								3,211,600,000,000.00	280,000,000	280,000,000	
FRX31 On 21/02/2031 Spot Bond			11.55000	88.25202	11.55000	88.22480		13,513,500,000,000.00	1,170,000,000	1,170,000,000	
Total FRX31 SPOT								13,513,500,000,000.00	1,170,000,000	1,170,000,000	
Total For FRX31								13,513,500,000,000.00	1,170,000,000	1,170,000,000	
FRX45 On 14/04/2045 Spot Bond			11.40000	72.41815	11.40000	72.39623		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FRX45 SPOT										0.00	0	0
Total For FRX45										0.00	0	0
FS1A3 On 20/03/2038 Spot Bond				100.00000	0.00000	101.57775				0.00	0	0
Total FS1A3 SPOT										0.00	0	0
Total For FS1A3										0.00	0	0
FS1A4 On 20/03/2038 Spot Bond				100.00000	0.00000	101.59685				0.00	0	0
Total FS1A4 SPOT										0.00	0	0
Total For FS1A4										0.00	0	0
FS1A5 On 20/03/2038 Spot Bond				100.00000	0.00000	101.64452				0.00	0	0
Total FS1A5 SPOT										0.00	0	0
Total For FS1A5										0.00	0	0
FS1B1 On 20/03/2038 Spot Bond				100.00000	0.00000	101.72086				0.00	0	0
Total FS1B1 SPOT										0.00	0	0
Total For FS1B1										0.00	0	0
FS1C1 On 20/03/2038 Spot Bond				100.00000	0.00000	101.77810				0.00	0	0
Total FS1C1 SPOT										0.00	0	0
Total For FS1C1										0.00	0	0
FS1D1 On 20/03/2038 Spot Bond				100.00000	0.00000	102.02604				0.00	0	0
Total FS1D1 SPOT										0.00	0	0
Total For FS1D1										0.00	0	0
FS2A3 On 20/08/2038 Spot Bond				100.00000	0.00000	100.24835				0.00	0	0
Total FS2A3 SPOT										0.00	0	0
Total For FS2A3										0.00	0	0
FS2A4 On 20/08/2038 Spot Bond				100.00000	0.00000	100.14059				0.00	0	0
Total FS2A4 SPOT										0.00	0	0
Total For FS2A4										0.00	0	0
FS2A5 On 20/08/2038 Spot Bond				100.00000	0.00000	100.25631				0.00	0	0
Total FS2A5 SPOT										0.00	0	0
Total For FS2A5										0.00	0	0
FS2B1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.26514				0.00	0	0
Total FS2B1 SPOT										0.00	0	0
Total For FS2B1										0.00	0	0
FS2C1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.27250				0.00	0	0
Total FS2C1 SPOT										0.00	0	0
Total For FS2C1										0.00	0	0
FS2D1 On 20/08/2038 Spot Bond				100.00000	0.00000	100.30480				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total FS2D1 SPOT										0.00	0	0
Total For FS2D1										0.00	0	0
FS3A3L On 20/02/2020 Spot Bond			100.00000	3.62235	100.00000	3.61357				0.00	0	0
Total FS3A3U SPOT										0.00	0	0
Total For FS3A3U										0.00	0	0
FS3A4L On 20/02/2022 Spot Bond			100.00000	0.60773	100.00000	0.60626				0.00	0	0
Total FS3A4U SPOT										0.00	0	0
Total For FS3A4U										0.00	0	0
FS3A5L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3A5U SPOT										0.00	0	0
Total For FS3A5U										0.00	0	0
FS3B1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3B1U SPOT										0.00	0	0
Total For FS3B1U										0.00	0	0
FS3C1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3C1U SPOT										0.00	0	0
Total For FS3C1U										0.00	0	0
FS3D1L On 20/08/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS3D1U SPOT										0.00	0	0
Total For FS3D1U										0.00	0	0
FS4A1L On 20/03/2018 Spot Bond			100.00000	25.03375	100.00000	24.97310				0.00	0	0
Total FS4A1U SPOT										0.00	0	0
Total For FS4A1U										0.00	0	0
FS4A2L On 20/03/2020 Spot Bond			100.00000	4.19997	100.00000	4.18979				0.00	0	0
Total FS4A2U SPOT										0.00	0	0
Total For FS4A2U										0.00	0	0
FS4A3L On 20/03/2022 Spot Bond			100.00000	0.70464	100.00000	0.70293				0.00	0	0
Total FS4A3U SPOT										0.00	0	0
Total For FS4A3U										0.00	0	0
FS4A4L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4A4U SPOT										0.00	0	0
Total For FS4A4U										0.00	0	0
FS4A5L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4A5U SPOT										0.00	0	0
Total For FS4A5U										0.00	0	0
FS4B1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				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 FS4B1U SPOT										0.00	0	0
Total For FS4B1U										0.00	0	0
FS4C1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4C1U SPOT										0.00	0	0
Total For FS4C1U										0.00	0	0
FS4D1L On 20/09/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS4D1U SPOT										0.00	0	0
Total For FS4D1U										0.00	0	0
FS5A1L On 20/04/2019 Spot Bond			100.00000	9.90113	100.00000	9.86988				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	1.76219	100.00000	1.75663				0.00	0	0
Total FS5A2U SPOT										0.00	0	0
Total For FS5A2U										0.00	0	0
FS5A3L On 20/04/2023 Spot Bond			100.00000	0.31363	100.00000	0.31264				0.00	0	0
Total FS5A3U SPOT										0.00	0	0
Total For FS5A3U										0.00	0	0
FS5A4L On 20/02/2021 Spot Bond			100.00000	1.59749	100.00000	1.59357				0.00	0	0
Total FS5A4U SPOT										0.00	0	0
Total For FS5A4U										0.00	0	0
FS5A5L On 20/02/2042 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total FS5A5U SPOT										0.00	0	0
Total For FS5A5U										0.00	0	0
FS5B1L On 20/02/2021 Spot Bond			100.00000	1.76219	100.00000	1.75663				0.00	0	0
Total FS5B1U SPOT										0.00	0	0
Total For FS5B1U										0.00	0	0
FS5C1L On 20/02/2021 Spot Bond			100.00000	1.76219	100.00000	1.75663				0.00	0	0
Total FS5C1U SPOT										0.00	0	0
Total For FS5C1U										0.00	0	0
FS5D1L On 20/02/2021 Spot Bond			100.00000	1.76219	100.00000	1.75663				0.00	0	0
Total FS5D1U SPOT										0.00	0	0
Total For FS5D1U										0.00	0	0
FS5E1L On 20/02/2021 Spot Bond			100.00000	1.76219	100.00000	1.75663				0.00	0	0
Total FS5E1U SPOT										0.00	0	0
Total For FS5E1U										0.00	0	0
GBL02 On 15/10/2018 Spot Bond				100.00000	0.00000	101.20041				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total GBL02 SPOT										0.00	0	0
Total For GBL02										0.00	0	0
GFC04 On 11/04/2017 Spot Bond			10.31500	100.63056	10.31500	100.60292				0.00	0	0
Total GFC04 SPOT										0.00	0	0
Total For GFC04										0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.13912				0.00	0	0
Total GH31A1 SPOT										0.00	0	0
Total For GH31A1										0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.14316				0.00	0	0
Total GH31A2 SPOT										0.00	0	0
Total For GH31A2										0.00	0	0
GH31A On 25/02/2042 Spot Bond				100.00000	0.00000	100.14475				0.00	0	0
Total GH31A3 SPOT										0.00	0	0
Total For GH31A3										0.00	0	0
GH31B On 25/02/2042 Spot Bond				100.00000	0.00000	100.15510				0.00	0	0
Total GH31B SPOT										0.00	0	0
Total For GH31B										0.00	0	0
GH31C On 25/02/2042 Spot Bond				100.00000	0.00000	100.16781				0.00	0	0
Total GH31C SPOT										0.00	0	0
Total For GH31C										0.00	0	0
GH31D On 25/02/2042 Spot Bond				100.00000	0.00000	100.17574				0.00	0	0
Total GH31D SPOT										0.00	0	0
Total For GH31D										0.00	0	0
GH41U On 25/10/2047 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GH41U SPOT										0.00	0	0
Total For GH41U										0.00	0	0
GOVEX On 09/05/2047 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GOVEX1 SPOT										0.00	0	0
Total For GOVEX1										0.00	0	0
GPT37 On 26/08/2016 Spot Bond				100.00000	0.00000	100.10616				0.00	0	0
Total GPT37 SPOT										0.00	0	0
Total For GPT37										0.00	0	0
GRB01 On 08/12/2019 Spot Bond			100.00000	13.25601	100.00000	13.22389				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	32.99220	100.00000	32.91228				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total GRB02U SPOT										0.00	0	0
Total For GRB02U										0.00	0	0
GRB03 On 03/03/2019 Spot Bond			100.00000	17.37707	100.00000	17.33497				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	11.33295	100.00000	11.30549				0.00	0	0
Total GRB04U SPOT										0.00	0	0
Total For GRB04U										0.00	0	0
GRDB1 On 10/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRDB1 SPOT										0.00	0	0
Total For GRDB1										0.00	0	0
GRDC1 On 10/01/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total GRDC1 SPOT										0.00	0	0
Total For GRDC1										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	100.85268				0.00	0	0
Total GRH1A2 SPOT										0.00	0	0
Total For GRH1A2										0.00	0	0
GRH1A On 25/10/2017 Spot Bond				100.00000	0.00000	100.88089				0.00	0	0
Total GRH1A3 SPOT										0.00	0	0
Total For GRH1A3										0.00	0	0
GRH1B On 25/10/2017 Spot Bond				100.00000	0.00000	100.91591				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	100.96450				0.00	0	0
Total GRH1C SPOT										0.00	0	0
Total For GRH1C										0.00	0	0
GRH1Y On 25/10/2039 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total GRH1YU SPOT										0.00	0	0
Total For GRH1YU										0.00	0	0
GRT04 On 15/09/2016 Spot Bond				100.00000	0.00000	102.01499				0.00	1,400,000,000	350,000,000
Total GRT04 SPOT										0.00	1,400,000,000	350,000,000
Total For GRT04										0.00	1,400,000,000	350,000,000
GRT06 On 11/12/2017 Spot Bond				100.00000	0.00000	101.89376				0.00	0	0
Total GRT06 SPOT										0.00	0	0
Total For GRT06										0.00	0	0
GRT07 On 21/02/2024 Spot Bond				100.00000	0.00000	100.20119				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
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	101.62469			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	101.11321			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	100.44102			0.00	0	0
Total GRT10 SPOT									0.00	0	0
Total For GRT10									0.00	0	0
GRT11 On 13/05/2021 Spot Bond				100.00000	0.00000	100.45205			0.00	0	0
Total GRT11 SPOT									0.00	0	0
Total For GRT11									0.00	0	0
GRX01 On 30/06/2032 Spot Bond			100.00000	0.00002	100.00000	0.00002			0.00	0	270,800,000
Total GRX01U SPOT									0.00	0	270,800,000
Total For GRX01U									0.00	0	270,800,000
GSIS04 On 05/12/2016 Spot Bond			100.00000		100.00000	100.00000		800,000,000,000,000.00	88,000,000,000	44,000,000,000	
Total GSIS04 SPOT								10,000,000,000,000.00	88,000,000,000	44,000,000,000	
Total For GSIS04								10,000,000,000,000.00	88,000,000,000	44,000,000,000	
GSIZ16 On 23/09/2016 Spot Bond			100.00000		0.00000	102.04504			0.00	0	0
Total GSIZ16 SPOT									0.00	0	0
Total For GSIZ16									0.00	0	0
HC1M1 On 30/04/2017 Spot Bond			100.00000		0.00000	103.05411			0.00	0	0
Total HC1M1 SPOT									0.00	0	0
Total For HC1M1									0.00	0	0
HCH01 On 25/10/2016 Spot Bond			100.00000		0.00000	100.97883			0.00	0	0
Total HCH01 SPOT									0.00	0	0
Total For HCH01									0.00	0	0
HIL01U On 21/11/2019 Spot Bond			100.00000	13.00610	100.00000	12.97458			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	101.82365			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	100.68035			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.51448				0.00	0	0
Total HILB04 SPOT										0.00	0	0
Total For HILB04										0.00	0	0
HILC28 On 05/08/2016 Spot Bond				100.00000	0.00000	102.59014				0.00	0	0
Total HILC28 SPOT										0.00	0	0
Total For HILC28										0.00	0	0
HILC29 On 05/08/2016 Spot Bond				100.00000	0.00000	100.57754				0.00	0	0
Total HILC29 SPOT										0.00	0	0
Total For HILC29										0.00	0	0
HILC30 On 14/10/2016 Spot Bond				100.00000	0.00000	101.07199				0.00	0	0
Total HILC30 SPOT										0.00	0	0
Total For HILC30										0.00	0	0
HILC31 On 10/08/2016 Spot Bond				100.00000	0.00000	100.47014				0.00	0	0
Total HILC31 SPOT										0.00	0	0
Total For HILC31										0.00	0	0
HM1B5 On 19/07/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total HM1B5U SPOT										0.00	0	0
Total For HM1B5U										0.00	0	0
HM1B6 On 19/07/2045 Spot Bond			100.00000		100.00000	0.00000				0.00	0	0
Total HM1B6U SPOT										0.00	0	0
Total For HM1B6U										0.00	0	0
HM1B8 On 19/07/2048 Spot Bond			100.00000	9.59300	100.00000	9.56951				0.00	0	0
Total HM1B8U SPOT										0.00	0	0
Total For HM1B8U										0.00	0	0
HM1B9 On 19/07/2048 Spot Bond			100.00000	9.59300	100.00000	9.56951				0.00	0	0
Total HM1B9U SPOT										0.00	0	0
Total For HM1B9U										0.00	0	0
HM1C4 On 19/07/2048 Spot Bond			100.00000	10.17638	100.00000	10.15146				0.00	0	0
Total HM1C4U SPOT										0.00	0	0
Total For HM1C4U										0.00	0	0
HM1C5 On 19/07/2048 Spot Bond			100.00000	10.17638	100.00000	10.15146				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	10.92644	100.00000	10.89968				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total HM1D4U SPOT										0.00	0	0
Total For HM1D4U										0.00	0	0
HM1D5 On 19/07/2048 Spot Bond			100.00000	10.92644	100.00000	10.89968				0.00	0	0
Total HM1D5U SPOT										0.00	0	0
Total For HM1D5U										0.00	0	0
HM1E4 On 19/07/2048 Spot Bond			100.00000	11.84318	100.00000	11.81418				0.00	0	0
Total HM1E4U SPOT										0.00	0	0
Total For HM1E4U										0.00	0	0
HMS1B On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B2 SPOT										0.00	0	0
Total For HMS1B2										0.00	0	0
HMS1B On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B3 SPOT										0.00	0	0
Total For HMS1B3										0.00	0	0
HMS1B On 19/07/2046 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1B7 SPOT										0.00	0	0
Total For HMS1B7										0.00	0	0
HMS1C On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1C2 SPOT										0.00	0	0
Total For HMS1C2										0.00	0	0
HMS1D On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1D2 SPOT										0.00	0	0
Total For HMS1D2										0.00	0	0
HMS1E On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1E2 SPOT										0.00	0	0
Total For HMS1E2										0.00	0	0
HMS1F On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1F2 SPOT										0.00	0	0
Total For HMS1F2										0.00	0	0
HMS1C On 19/07/2045 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total HMS1G2 SPOT										0.00	0	0
Total For HMS1G2										0.00	0	0
HPF04 On 17/02/2017 Spot Bond				100.00000	0.00000	100.70255				0.00	1,200,000,000	300,000,000
Total HPF04 SPOT										0.00	1,200,000,000	300,000,000
Total For HPF04										0.00	1,200,000,000	300,000,000
HPF04/ On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total HPF04/JIBAR SPOT										0.00	0	0
Total For HPF04/JIBAR										0.00	0	0
HPF05 On 17/02/2017 Spot Bond			10.10500	102.67898	10.10500	102.65117				0.00	0	0
Total HPF05 SPOT										0.00	0	0
Total For HPF05										0.00	0	0
HPF06 On 20/02/2020 Spot Bond				100.00000	0.00000	100.30188				0.00	0	0
Total HPF06 SPOT										0.00	0	0
Total For HPF06										0.00	0	0
HPF07 On 20/08/2017 Spot Bond				100.00000	0.00000	100.28578				0.00	0	0
Total HPF07 SPOT										0.00	0	0
Total For HPF07										0.00	0	0
HPF08 On 15/04/2019 Spot Bond				100.00000	0.00000	101.30004				0.00	0	0
Total HPF08 SPOT										0.00	0	0
Total For HPF08										0.00	0	0
HPF09 On 15/04/2019 Spot Bond				100.00000	0.00000	101.10301				0.00	0	0
Total HPF09 SPOT										0.00	0	0
Total For HPF09										0.00	0	0
HWAY2 On 31/07/2020 Spot Bond			9.51500	104.03557	9.51500	104.00901				0.00	0	1,150,000,000
Total HWAY20 SPOT										0.00	0	1,150,000,000
Total For HWAY20										0.00	0	1,150,000,000
HWAY2 On 31/07/2020 Spot Bond			100.00000	15.87591	100.00000	15.84058				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			2.15000	123.04662	2.15000	285.77446				0.00	0	12,700,000,000
Total HWAY23 SPOT										0.00	0	12,700,000,000
Total For HWAY23										0.00	0	12,700,000,000
HWAY2 On 07/12/2024 Spot Bond			2.02000	127.01299	2.02000	294.98736				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			2.49000	100.65288	2.49000	100.60261				0.00	0	0
Total HWAY33 SPOT										0.00	0	0
Total For HWAY33										0.00	0	0
HWAY3 On 31/07/2034 Spot Bond			10.94000	89.85661	10.94000	89.83032				0.00	0	16,670,000,000
Total HWAY34 SPOT										0.00	0	16,670,000,000
Total For HWAY34										0.00	0	16,670,000,000
HWAY3 On 31/07/2034 Spot Bond			100.00000	12.13898	100.00000	12.11197				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total HWAY34/R208 SPOT									0.00	0	0
Total For HWAY34/R208									0.00	0	0
HWAY3 On 31/07/2035 Spot Bond			10.95500	89.52487	10.95500	89.49864			0.00	0	0
Total HWAY35 SPOT									0.00	0	0
Total For HWAY35									0.00	0	0
HWAY3 On 31/07/2035 Spot Bond			100.00000	12.13896	100.00000	12.11195			0.00	0	0
Total HWAY35/R209 SPOT									0.00	0	0
Total For HWAY35/R209									0.00	0	0
HWF02 On 30/09/2016 Spot Bond			100.00000	92.69521	100.00000	92.46231			0.00	0	0
Total HWF02U SPOT									0.00	0	0
Total For HWF02U									0.00	0	0
HWF05 On 09/10/2016 Spot Bond			100.00000	91.94893	100.00000	91.72078			0.00	0	0
Total HWF05U SPOT									0.00	0	0
Total For HWF05U									0.00	0	0
HWF06 On 20/11/2016 Spot Bond			100.00000	82.14286	100.00000	81.95991			0.00	0	0
Total HWF06U SPOT									0.00	0	0
Total For HWF06U									0.00	0	0
HWY02 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900			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			1.80500	125.98557	1.79000	126.07387		1,432,390,420,500.00	793,568,100	77,729,844,200	
Total I2025 SPOT								1,432,390,420,500.00	793,568,100	77,729,844,200	
Total For I2025								1,432,390,420,500.00	793,568,100	77,729,844,200	
I2033 On 28/02/2033 Spot Bond			1.86000	105.78755	1.86000	105.73649		76,855,200,000,000.00	41,320,000,000	52,510,000,000	
Total I2033 SPOT								76,855,200,000,000.00	41,320,000,000	52,510,000,000	
Total For I2033								76,855,200,000,000.00	41,320,000,000	52,510,000,000	
I2038 On 31/01/2038 Spot Bond			1.89000	132.02625	1.89000	131.96232		15,120,000,000,000.00	8,000,000,000	135,237,064,400	
Total I2038 SPOT								15,120,000,000,000.00	8,000,000,000	135,237,064,400	
Total For I2038								15,120,000,000,000.00	8,000,000,000	135,237,064,400	
I2046 On 31/03/2046 Spot Bond			1.97000	130.48343	1.97000	130.41999		91,802,000,000,000.00	46,600,000,000	138,922,600,000	
Total I2046 SPOT								91,802,000,000,000.00	46,600,000,000	138,922,600,000	
Total For I2046								91,802,000,000,000.00	46,600,000,000	138,922,600,000	
I2050 On 31/12/2050 Spot Bond			1.98000	140.39626	1.97000	140.66020		80,327,259,738,000.00	40,569,323,100	63,521,786,800	
Total I2050 SPOT								80,327,259,738,000.00	40,569,323,100	63,521,786,800	
Total For I2050								80,327,259,738,000.00	40,569,323,100	63,521,786,800	
IBL22 On 15/03/2018 Spot Bond			8.97500	103.73369	8.97500	103.70895		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total IBL22 SPOT									0.00	0	0
Total For IBL22									0.00	0	0
IBL28 On 18/08/2016 Spot Bond			8.76000	102.22141	8.76000	102.19734			0.00	0	50,000,000
Total IBL28 SPOT									0.00	0	50,000,000
Total For IBL28									0.00	0	50,000,000
IBL33 On 03/11/2016 Spot Bond				100.00000	0.00000	100.67579			0.00	540,000,000	180,000,000
Total IBL33 SPOT									0.00	540,000,000	180,000,000
Total For IBL33									0.00	540,000,000	180,000,000
IBL34 On 31/01/2017 Spot Bond			2.15000	99.82064	2.15000	138.25580			0.00	0	0
Total IBL34 SPOT									0.00	0	0
Total For IBL34									0.00	0	0
IBL36 On 31/01/2022 Spot Bond			2.27000	103.45807	2.27000	141.22039			0.00	0	0
Total IBL36 SPOT									0.00	0	0
Total For IBL36									0.00	0	0
IBL38 On 02/04/2017 Spot Bond				100.00000	0.00000	101.62737			0.00	0	0
Total IBL38 SPOT									0.00	0	0
Total For IBL38									0.00	0	0
IBL39 On 02/04/2018 Spot Bond			9.09500	100.86879	9.09500	100.84428			0.00	0	0
Total IBL39 SPOT									0.00	0	0
Total For IBL39									0.00	0	0
IBL42 On 15/06/2017 Spot Bond				100.00000	0.00000	102.09521			0.00	0	0
Total IBL42 SPOT									0.00	0	0
Total For IBL42									0.00	0	0
IBL43/J On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900			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			9.82000	99.52760	9.82000	99.50154			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			10.33500	93.60628	10.33500	93.58036			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			9.27500	97.97671	9.27500	97.95245			0.00	0	320,000,000
Total IBL49 SPOT									0.00	0	320,000,000
Total For IBL49									0.00	0	320,000,000
IBL50 On 02/08/2020 Spot Bond			10.32500	98.90652	10.32500	98.87917			0.00	0	226,000,000

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 IBL50 SPOT										0.00	0	226,000,000
Total For IBL50										0.00	0	226,000,000
IBL52 On 31/07/2016 Spot Bond				100.00000	0.00000	100.63058				0.00	0	0
Total IBL52 SPOT										0.00	0	0
Total For IBL52										0.00	0	0
IBL53 On 31/07/2018 Spot Bond				100.00000	0.00000	99.97830				0.00	0	0
Total IBL53 SPOT										0.00	0	0
Total For IBL53										0.00	0	0
IBL54 On 31/07/2016 Spot Bond			8.09000	102.26502	8.09000	102.24265				0.00	0	0
Total IBL54 SPOT										0.00	0	0
Total For IBL54										0.00	0	0
IBL55 On 31/07/2018 Spot Bond			9.60000	99.84573	9.60000	99.82001				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	100.71493				0.00	0	0
Total IBL56 SPOT										0.00	0	0
Total For IBL56										0.00	0	0
IBL57 On 13/02/2017 Spot Bond				100.00000	0.00000	100.40943				0.00	0	0
Total IBL57 SPOT										0.00	0	0
Total For IBL57										0.00	0	0
IBL58 On 13/02/2017 Spot Bond			8.74500	102.37965	8.74500	102.35558				0.00	0	0
Total IBL58 SPOT										0.00	0	0
Total For IBL58										0.00	0	0
IBL59 On 17/02/2019 Spot Bond			9.56000	101.81147	9.56000	101.78535				0.00	0	0
Total IBL59 SPOT										0.00	0	0
Total For IBL59										0.00	0	0
IBL60 On 17/02/2024 Spot Bond			10.81000	100.07075	10.81000	100.04181				0.00	0	0
Total IBL60 SPOT										0.00	0	0
Total For IBL60										0.00	0	0
IBL61 On 31/03/2019 Spot Bond				100.00000	0.00000	101.39920				0.00	0	0
Total IBL61 SPOT										0.00	0	0
Total For IBL61										0.00	0	0
IBL62 On 24/04/2017 Spot Bond				100.00000	0.00000	100.82355				0.00	0	0
Total IBL62 SPOT										0.00	0	0
Total For IBL62										0.00	0	0
IBL63 On 29/07/2017 Spot Bond				100.00000	0.00000	100.63274				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IBL63 SPOT										0.00	0	0
Total For IBL63										0.00	0	0
IBL64 On 29/07/2019 Spot Bond				100.00000	0.00000	99.67540				0.00	0	0
Total IBL64 SPOT										0.00	0	0
Total For IBL64										0.00	0	0
IBL65 On 29/07/2021 Spot Bond				100.00000	0.00000	100.76863				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	101.79188				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			3.00000	136.05680	3.00000	135.98680				0.00	0	100,000,000
Total IBL67 SPOT										0.00	0	100,000,000
Total For IBL67										0.00	0	100,000,000
IBL68 On 29/06/2018 Spot Bond				100.00000	0.00000	101.48767				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	21.28278	100.00000	21.23066				0.00	0	0
Total IBL69U SPOT										0.00	0	0
Total For IBL69U										0.00	0	0
IBL73 On 19/08/2018 Spot Bond				100.00000	0.00000	100.28910				0.00	0	0
Total IBL73 SPOT										0.00	0	0
Total For IBL73										0.00	0	0
IBL75 On 19/08/2020 Spot Bond				100.00000	0.00000	100.29713				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				102.75624	0.00000	100.14234				0.00	0	0
Total IBL76 SPOT										0.00	0	0
Total For IBL76										0.00	0	0
IBL77 On 25/11/2020 Spot Bond				100.00000	0.00000	100.14633				0.00	0	0
Total IBL77 SPOT										0.00	0	0
Total For IBL77										0.00	0	0
IBL78 On 25/11/2022 Spot Bond			10.86000	96.41730	10.86000	96.38960				0.00	0	0
Total IBL78 SPOT										0.00	0	0
Total For IBL78										0.00	0	0
IBL79 On 27/01/2019 Spot Bond			9.39000	104.84112	9.39000	104.81471				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IBL79 SPOT										0.00	0	0
Total For IBL79										0.00	0	0
IBL80U On 02/02/2019 Spot Bond			100.00000	17.62702	100.00000	17.58431				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	10.85971	100.00000	10.83340				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	100.78155				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	101.69185				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	18.85707	100.00000	18.79756				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	100.26531				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	100.27406				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			9.69000	100.46254	9.69000	100.43672				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			10.29000	100.44313	10.29000	100.41574				0.00	0	0
Total IBL88 SPOT										0.00	0	0
Total For IBL88										0.00	0	0
IBL89 On 26/05/2021 Spot Bond				100.00000	0.00000	100.12998				0.00	0	0
Total IBL89 SPOT										0.00	0	0
Total For IBL89										0.00	0	0
IBL90U On 20/05/2019 Spot Bond			100.00000	18.87019	100.00000	18.81128				0.00	0	0
Total IBL90U SPOT										0.00	0	0
Total For IBL90U										0.00	0	0
IDC01L On 08/11/2026 Spot Bond			100.00000	0.02114	100.00000	0.02109				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IDC01U SPOT										0.00	0	0
Total For IDC01U										0.00	0	0
IDCG01 On 22/10/2016 Spot Bond				100.00000	0.00000	100.90598				0.00	0	0
Total IDCG01 SPOT										0.00	0	0
Total For IDCG01										0.00	0	0
IDCG02 On 22/10/2018 Spot Bond				100.00000	0.00000	100.62023				0.00	0	0
Total IDCG02 SPOT										0.00	0	0
Total For IDCG02										0.00	0	0
IDCG03 On 22/10/2020 Spot Bond			10.38000	93.84313	10.38000	93.81718				0.00	0	0
Total IDCG03 SPOT										0.00	0	0
Total For IDCG03										0.00	0	0
IDCG04 On 24/11/2017 Spot Bond				100.00000	0.00000	100.09531				0.00	0	0
Total IDCG04 SPOT										0.00	0	0
Total For IDCG04										0.00	0	0
IDCG05 On 24/11/2019 Spot Bond				100.00000	0.00000	99.72912				0.00	0	0
Total IDCG05 SPOT										0.00	0	0
Total For IDCG05										0.00	0	0
IDCG06 On 24/11/2024 Spot Bond			11.21000	91.26752	11.21000	91.24047				0.00	0	0
Total IDCG06 SPOT										0.00	0	0
Total For IDCG06										0.00	0	0
IDCG07 On 13/11/2020 Spot Bond				100.00000	0.00000	100.44085				0.00	0	0
Total IDCG07 SPOT										0.00	0	0
Total For IDCG07										0.00	0	0
IDCG08 On 13/05/2030 Spot Bond			12.02000	95.58564	12.02000	95.48638				0.00	0	0
Total IDCG08 SPOT										0.00	0	0
Total For IDCG08										0.00	0	0
IDCP03 On 31/01/2017 Spot Bond			5.00000	101.66899	5.00000	101.65520				0.00	0	0
Total IDCP03 SPOT										0.00	0	0
Total For IDCP03										0.00	0	0
IDCP04 On 19/10/2017 Spot Bond			5.00000	100.58189	5.00000	100.56832				0.00	0	0
Total IDCP04 SPOT										0.00	0	0
Total For IDCP04										0.00	0	0
IDCP05 On 14/03/2018 Spot Bond			4.00000	100.85384	4.00000	100.84299				0.00	0	0
Total IDCP05 SPOT										0.00	0	0
Total For IDCP05										0.00	0	0
IDCP06 On 17/10/2019 Spot Bond			4.00000	100.48814	4.00000	100.47726				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IDCP06 SPOT										0.00	0	0
Total For IDCP06										0.00	0	0
IDW01L On 30/06/2016 Spot Bond			100.00000	94.87568	100.00000	94.63550				0.00	0	0
Total IDW01U SPOT										0.00	0	0
Total For IDW01U										0.00	0	0
IDW02L On 30/06/2016 Spot Bond			100.00000	94.82242	100.00000	94.58236				0.00	0	0
Total IDW02U SPOT										0.00	0	0
Total For IDW02U										0.00	0	0
IDW03L On 30/06/2016 Spot Bond			100.00000	94.82242	100.00000	94.58236				0.00	0	0
Total IDW03U SPOT										0.00	0	0
Total For IDW03U										0.00	0	0
IFC01 On 10/12/2024 Spot Bond			9.61000	94.69036	9.61000	94.66608				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			9.00000	99.95147	9.00000	100.19658				0.00	0	0
Total IFC02 SPOT										0.00	0	0
Total For IFC02										0.00	0	0
IKH1D On 09/12/2028 Spot Bond			100.00000	8.83448	100.00000	8.81308				0.00	0	0
Total IKH1D SPOT										0.00	0	0
Total For IKH1D										0.00	0	0
IN269U On 25/07/2017 Spot Bond			100.00000	35.88004	100.00000	35.79216				0.00	0	0
Total IN269U SPOT										0.00	0	0
Total For IN269U										0.00	0	0
IN272U On 10/11/2017 Spot Bond			100.00000	39.58209	100.00000	39.48620				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	3.10142	100.00000	3.09555				0.00	0	0
Total IN276U SPOT										0.00	0	0
Total For IN276U										0.00	0	0
IN277U On 30/06/2021 Spot Bond			100.00000	10.28185	100.00000	10.25667				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	12.60583	100.00000	12.57529				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	14.04305	100.00000	14.00865				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IN286U SPOT										0.00	0	0
Total For IN286U										0.00	0	0
IN289U On 30/06/2025 Spot Bond			100.00000	11.60965	100.00000	11.58396				0.00	0	0
Total IN289U SPOT										0.00	0	0
Total For IN289U										0.00	0	0
IN290U On 31/12/2016 Spot Bond			100.00000	63.84912	100.00000	63.69274				0.00	0	0
Total IN290U SPOT										0.00	0	0
Total For IN290U										0.00	0	0
IN306U On 24/06/2020 Spot Bond			100.00000	11.89724	100.00000	11.86841				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	20.41989	100.00000	17.90902				0.00	0	0
Total IN313U SPOT										0.00	0	0
Total For IN313U										0.00	0	0
IN315U On 25/06/2016 Spot Bond			100.00000	97.17022	100.00000	96.92107				0.00	0	0
Total IN315U SPOT										0.00	0	0
Total For IN315U										0.00	0	0
IN317U On 20/12/2016 Spot Bond			100.00000	97.51043	100.00000	97.26726				0.00	0	0
Total IN317U SPOT										0.00	0	0
Total For IN317U										0.00	0	0
IN318U On 25/06/2017 Spot Bond			100.00000	49.68870	100.00000	49.58165				0.00	0	0
Total IN318U SPOT										0.00	0	0
Total For IN318U										0.00	0	0
IN319U On 20/12/2017 Spot Bond			100.00000	49.68870	100.00000	49.58165				0.00	0	0
Total IN319U SPOT										0.00	0	0
Total For IN319U										0.00	0	0
IN324U On 01/03/2017 Spot Bond			100.00000	55.17330	100.00000	66.76897				0.00	0	0
Total IN324U SPOT										0.00	0	0
Total For IN324U										0.00	0	0
IN327U On 15/02/2021 Spot Bond			100.00000	10.77941	100.00000	10.75329				0.00	0	0
Total IN327U SPOT										0.00	0	0
Total For IN327U										0.00	0	0
IN329U On 22/03/2021 Spot Bond			100.00000	13.38455	100.00000	13.34861				0.00	0	0
Total IN329U SPOT										0.00	0	0
Total For IN329U										0.00	0	0
IN330U On 18/04/2017 Spot Bond			100.00000	58.37421	100.00000	58.08539				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IN330U SPOT										0.00	0	0
Total For IN330U										0.00	0	0
ING132 On 22/12/2018 Spot Bond				100.00000	0.00000	101.89169				0.00	0	0
Total ING132 SPOT										0.00	0	0
Total For ING132										0.00	0	0
ING138 On 22/03/2017 Spot Bond				100.00000	0.00000	101.85975				0.00	0	0
Total ING138 SPOT										0.00	0	0
Total For ING138										0.00	0	0
ING153 On 03/04/2017 Spot Bond			6.50000	101.03648	6.50000	101.01883				0.00	0	0
Total ING153 SPOT										0.00	0	0
Total For ING153										0.00	0	0
ING161 On 20/03/2017 Spot Bond				100.00000	0.00000	101.92140				0.00	0	0
Total ING161 SPOT										0.00	0	0
Total For ING161										0.00	0	0
ING196 On 30/06/2027 Spot Bond				100.00000	0.00000	89.25526				0.00	0	0
Total ING196 SPOT										0.00	0	0
Total For ING196										0.00	0	0
ING211 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				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	101.85343				0.00	0	0
Total ING228 SPOT										0.00	0	0
Total For ING228										0.00	0	0
ING232 On 04/10/2018 Spot Bond				100.00000	0.00000	104.79896				0.00	0	0
Total ING232 SPOT										0.00	0	0
Total For ING232										0.00	0	0
INGR06 On 10/06/2016 Spot Bond				100.00000	0.00000	107.89658				0.00	0	0
Total INGR06 SPOT										0.00	0	0
Total For INGR06										0.00	0	0
INLV01 On 12/08/2024 Spot Bond				100.00000	0.00000	100.60438				0.00	0	0
Total INLV01 SPOT										0.00	0	0
Total For INLV01										0.00	0	0
INLV02 On 20/10/2025 Spot Bond				100.00000	0.00000	101.24181				0.00	0	210,000,000
Total INLV02 SPOT										0.00	0	210,000,000
Total For INLV02										0.00	0	210,000,000
INLV03 On 11/02/2021 Spot Bond				100.00000	0.00000	100.64155				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total INLV03 SPOT									0.00	0	0
Total For INLV03									0.00	0	0
INLV04 On 11/02/2021 Spot Bond			12.85000	103.57111	12.85000	103.53568			17,476,000,000,000.00	1,360,000,000	680,000,000
Total INLV04 SPOT									17,476,000,000,000.00	1,360,000,000	680,000,000
Total For INLV04									17,476,000,000,000.00	1,360,000,000	680,000,000
IP277U On 06/06/2016 Spot Bond			100.00000	98.64865	100.00000	98.38275			0.00	0	0
Total IP277U SPOT									0.00	0	0
Total For IP277U									0.00	0	0
IPF01/J On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900			0.00	0	0
Total IPF01/JIBAR SPOT									0.00	0	0
Total For IPF01/JIBAR									0.00	0	0
IPF03 On 13/04/2017 Spot Bond				100.00000	0.00000	101.18108			0.00	0	0
Total IPF03 SPOT									0.00	0	0
Total For IPF03									0.00	0	0
IPF06 On 13/04/2017 Spot Bond			8.59000	101.33182	8.59000	101.30853			0.00	0	0
Total IPF06 SPOT									0.00	0	0
Total For IPF06									0.00	0	0
IPF07 On 01/07/2017 Spot Bond				100.00000	0.00000	101.42526			0.00	280,000,000	70,000,000
Total IPF07 SPOT									0.00	280,000,000	70,000,000
Total For IPF07									0.00	280,000,000	70,000,000
IPF08 On 01/07/2018 Spot Bond				100.00000	0.00000	101.45469			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	101.47434			0.00	0	1,750,000,000
Total IPF09 SPOT									0.00	0	1,750,000,000
Total For IPF09									0.00	0	1,750,000,000
IPF10 On 15/10/2016 Spot Bond				100.00000	0.00000	101.09438			0.00	2,800,000,000	700,000,000
Total IPF10 SPOT									0.00	2,800,000,000	700,000,000
Total For IPF10									0.00	2,800,000,000	700,000,000
IPF12 On 15/04/2018 Spot Bond				100.00000	0.00000	101.11317			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	99.86056			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	101.75410			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.80524				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	101.83592				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	101.70121				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	101.72027				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	101.73934				0.00	0	0
Total IPF19 SPOT										0.00	0	0
Total For IPF19										0.00	0	0
IPFC10 On 29/07/2016 Spot Bond				100.00000	0.00000	100.67945				0.00	0	0
Total IPFC10 SPOT										0.00	0	0
Total For IPFC10										0.00	0	0
IPL10 On 20/05/2021 Spot Bond			10.75000	95.09184	10.75000	95.06479				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
IPL6 On 28/09/2017 Spot Bond			9.48500	102.06058	9.48500	102.03488				0.00	0	80,000,000
Total IPL6 SPOT										0.00	0	80,000,000
Total For IPL6										0.00	0	80,000,000
IPL6/R2 On 28/09/2017 Spot Bond			100.00000	42.13471	100.00000	42.04196				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	101.34576				0.00	0	0
Total IPL7 SPOT										0.00	0	0
Total For IPL7										0.00	0	0
IPL8 On 10/10/2020 Spot Bond				100.00000	0.00000	100.54163				0.00	0	2,520,000,000
Total IPL8 SPOT										0.00	0	2,520,000,000
Total For IPL8										0.00	0	2,520,000,000
IPL9 On 20/05/2021 Spot Bond				100.00000	0.00000	99.99549				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IPL9 SPOT										0.00	0	0
Total For IPL9										0.00	0	0
IV015 On 20/09/2022 Spot Bond				100.00000	0.00000	102.69193				0.00	0	2,000,000,000
Total IV015 SPOT										0.00	0	2,000,000,000
Total For IV015										0.00	0	2,000,000,000
IV016 On 06/12/2021 Spot Bond				100.00000	0.00000	99.84357				0.00	0	0
Total IV016 SPOT										0.00	0	0
Total For IV016										0.00	0	0
IV017 On 31/01/2022 Spot Bond			3.10000	99.11377	3.10000	135.28737				0.00	0	414,656,600
Total IV017 SPOT										0.00	0	414,656,600
Total For IV017										0.00	0	414,656,600
IV019 On 31/03/2028 Spot Bond			3.71000	152.18807	3.71000	152.10695				0.00	0	0
Total IV019 SPOT										0.00	0	0
Total For IV019										0.00	0	0
IV022 On 02/04/2022 Spot Bond				100.00000	0.00000	101.52474				0.00	2,000,000,000	1,000,000,000
Total IV022 SPOT										0.00	2,000,000,000	1,000,000,000
Total For IV022										0.00	2,000,000,000	1,000,000,000
IV023 On 11/07/2022 Spot Bond				100.00000	0.00000	101.34318				0.00	0	700,000,000
Total IV023 SPOT										0.00	0	700,000,000
Total For IV023										0.00	0	700,000,000
IV024 On 27/07/2022 Spot Bond				100.00000	0.00000	101.02142				0.00	0	800,000,000
Total IV024 SPOT										0.00	0	800,000,000
Total For IV024										0.00	0	800,000,000
IV025 On 12/09/2019 Spot Bond				100.00000	0.00000	102.03678				0.00	0	0
Total IV025 SPOT										0.00	0	0
Total For IV025										0.00	0	0
IV026 On 27/09/2024 Spot Bond				100.00000	0.00000	99.99771				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			3.79000	106.96626	3.79000	107.84249				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			3.79000	106.87709	3.79000	107.84249				0.00	0	0
Total IV030A SPOT										0.00	0	0
Total For IV030A										0.00	0	0
IV031 On 11/03/2025 Spot Bond				100.00000	0.00000	102.21463				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IV031 SPOT										0.00	0	0
Total For IV031										0.00	0	0
IV032 On 14/08/2023 Spot Bond				100.00000	0.00000	100.13330				0.00	0	0
Total IV032 SPOT										0.00	0	0
Total For IV032										0.00	0	0
IV033 On 11/02/2021 Spot Bond				100.00000	0.00000	100.63622				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			12.55000	103.47994	12.55000	103.44534				0.00	0	100,000,000
Total IV034 SPOT										0.00	0	100,000,000
Total For IV034										0.00	0	100,000,000
IV035 On 07/04/2022 Spot Bond				100.00000	0.00000	101.76070				0.00	0	0
Total IV035 SPOT										0.00	0	0
Total For IV035										0.00	0	0
IV036 On 22/07/2021 Spot Bond				100.00000	0.00000	101.23926				0.00	0	0
Total IV036 SPOT										0.00	0	0
Total For IV036										0.00	0	0
IV057U On 14/07/2018 Spot Bond			100.00000	15.09827	100.00000	15.06129				0.00	0	0
Total IV057U SPOT										0.00	0	0
Total For IV057U										0.00	0	0
IV08 On 30/04/2018 Spot Bond			11.35000	105.16782	11.35000	105.13627				0.00	0	0
Total IV08 SPOT										0.00	0	0
Total For IV08										0.00	0	0
IV09 On 30/04/2018 Spot Bond				100.00000	0.00000	102.13811				0.00	0	0
Total IV09 SPOT										0.00	0	0
Total For IV09										0.00	0	0
IV19A On 31/03/2028 Spot Bond			3.81000	150.68776	3.81000	150.60705				0.00	0	0
Total IV19A SPOT										0.00	0	0
Total For IV19A										0.00	0	0
IVA622 On 02/06/2016 Spot Bond			7.65000	99.97905	7.65000	99.85350				0.00	0	0
Total IVA622 SPOT										0.00	0	0
Total For IVA622										0.00	0	0
IVA623 On 09/06/2016 Spot Bond			7.65000	99.83261	7.65000	99.70743				0.00	0	0
Total IVA623 SPOT										0.00	0	0
Total For IVA623										0.00	0	0
IVA624 On 15/06/2016 Spot Bond			7.65000	99.70743	7.65000	99.58257				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IVA624 SPOT										0.00	0	0
Total For IVA624										0.00	0	0
IVA625 On 23/06/2016 Spot Bond			7.75000	99.53505	7.75000	99.40899				0.00	0	0
Total IVA625 SPOT										0.00	0	0
Total For IVA625										0.00	0	0
IVA627 On 07/07/2016 Spot Bond			7.75000	99.24141	7.75000	99.11610				0.00	0	0
Total IVA627 SPOT										0.00	0	0
Total For IVA627										0.00	0	0
IVA630 On 28/07/2016 Spot Bond			7.80000	98.79658	7.80000	98.67158				0.00	0	0
Total IVA630 SPOT										0.00	0	0
Total For IVA630										0.00	0	0
IVA633 On 18/08/2016 Spot Bond			7.80000	98.36048	7.80000	98.36048				0.00	0	0
Total IVA633 SPOT										0.00	0	0
Total For IVA633										0.00	0	0
IVA634 On 25/08/2016 Spot Bond			100.00000	81.11111	100.00000	80.93126			130,000,000,000,000.00	31,300,000,000	31,300,000,000	
Total IVA634 SPOT									10,000,000,000,000.00	31,300,000,000	31,300,000,000	
Total For IVA634									10,000,000,000,000.00	31,300,000,000	31,300,000,000	
IVA635 On 01/09/2016 Spot Bond			7.80000	98.07188	7.80000	98.21597				0.00	0	0
Total IVA635 SPOT										0.00	0	0
Total For IVA635										0.00	0	0
IVC002 On 12/02/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC002 SPOT										0.00	0	0
Total For IVC002										0.00	0	0
IVC005 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total IVC005/JIBAR SPOT										0.00	0	0
Total For IVC005/JIBAR										0.00	0	0
IVC016 On 31/05/2017 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total IVC016 SPOT										0.00	0	0
Total For IVC016										0.00	0	0
IVC017 On 12/07/2017 Spot Bond				100.00000	0.00000	100.98266				0.00	0	0
Total IVC017 SPOT										0.00	0	0
Total For IVC017										0.00	0	0
IVC018 On 12/07/2016 Spot Bond				100.00000	0.00000	101.19900				0.00	0	0
Total IVC018 SPOT										0.00	0	0
Total For IVC018										0.00	0	0
IVC019 On 12/07/2017 Spot Bond				100.00000	0.00000	101.21229				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IVC019 SPOT										0.00	0	0
Total For IVC019										0.00	0	0
IVC020 On 12/07/2016 Spot Bond				100.00000	0.00000	101.15248				0.00	0	0
Total IVC020 SPOT										0.00	0	0
Total For IVC020										0.00	0	0
IVC021 On 19/07/2017 Spot Bond				100.00000	0.00000	101.19000				0.00	0	0
Total IVC021 SPOT										0.00	0	0
Total For IVC021										0.00	0	0
IVC022 On 29/07/2016 Spot Bond				100.00000	0.00000	100.78600				0.00	0	0
Total IVC022 SPOT										0.00	0	0
Total For IVC022										0.00	0	0
IVC023 On 19/09/2016 Spot Bond				100.00000	0.00000	101.70186				0.00	0	0
Total IVC023 SPOT										0.00	0	0
Total For IVC023										0.00	0	0
IVC024 On 15/11/2016 Spot Bond				100.00000	0.00000	100.35721				0.00	0	0
Total IVC024 SPOT										0.00	0	0
Total For IVC024										0.00	0	0
IVC027 On 03/04/2019 Spot Bond				100.00000	0.00000	101.41013				0.00	0	0
Total IVC027 SPOT										0.00	0	0
Total For IVC027										0.00	0	0
IVC029 On 24/04/2017 Spot Bond				100.00000	0.00000	100.85765				0.00	0	0
Total IVC029 SPOT										0.00	0	0
Total For IVC029										0.00	0	0
IVC032 On 19/06/2016 Spot Bond				100.00000	0.00000	101.59685				0.00	0	0
Total IVC032 SPOT										0.00	0	0
Total For IVC032										0.00	0	0
IVC033 On 30/06/2019 Spot Bond				100.00000	0.00000	101.50620				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	101.53991				0.00	0	0
Total IVC034 SPOT										0.00	0	0
Total For IVC034										0.00	0	0
IVC035 On 30/06/2019 Spot Bond				100.00000	0.00000	95.31845				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			10.16000	101.19526	10.16000	101.16771				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IVC036 SPOT										0.00	0	0
Total For IVC036										0.00	0	0
IVC037 On 16/07/2019 Spot Bond			100.00000	19.80964	100.00000	19.76556				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	15.58699	100.00000	15.54881				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			10.42000	99.10897	10.42000	99.08131				0.00	0	0
Total IVC040 SPOT										0.00	0	0
Total For IVC040										0.00	0	0
IVC041 On 29/07/2017 Spot Bond				100.00000	0.00000	100.79876				0.00	0	0
Total IVC041 SPOT										0.00	0	0
Total For IVC041										0.00	0	0
IVC046 On 24/10/2017 Spot Bond				100.00000	0.00000	101.46004				0.00	0	0
Total IVC046 SPOT										0.00	0	0
Total For IVC046										0.00	0	0
IVC048 On 06/11/2017 Spot Bond				100.00000	0.00000	100.64216				0.00	0	0
Total IVC048 SPOT										0.00	0	0
Total For IVC048										0.00	0	0
IVC049 On 21/11/2019 Spot Bond				100.00000	0.00000	100.20133				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	99.92907				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	100.71472				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	100.51593				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	101.59948				0.00	0	0
Total IVC055 SPOT										0.00	0	0
Total For IVC055										0.00	0	0
IVC058 On 03/01/2018 Spot Bond				100.00000	0.00000	101.40847				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IVC058 SPOT										0.00	0	0
Total For IVC058										0.00	0	0
IVC059 On 09/06/2016 Spot Bond				100.00000	0.00000	99.79978				0.00	0	0
Total IVC059 SPOT										0.00	0	0
Total For IVC059										0.00	0	0
IVC060 On 31/07/2018 Spot Bond				100.00000	0.00000	100.71129				0.00	0	0
Total IVC060 SPOT										0.00	0	0
Total For IVC060										0.00	0	0
IVC061 On 01/07/2018 Spot Bond				100.00000	0.00000	101.52318				0.00	0	0
Total IVC061 SPOT										0.00	0	0
Total For IVC061										0.00	0	0
IVC062 On 14/08/2016 Spot Bond				100.00000	0.00000	100.37139				0.00	0	0
Total IVC062 SPOT										0.00	0	0
Total For IVC062										0.00	0	0
IVC063 On 07/08/2020 Spot Bond				100.00000	0.00000	100.58762				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	101.88339				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	102.02574				0.00	0	0
Total IVC065 SPOT										0.00	0	0
Total For IVC065										0.00	0	0
IVC066 On 18/09/2016 Spot Bond				100.00000	0.00000	101.74777				0.00	0	0
Total IVC066 SPOT										0.00	0	0
Total For IVC066										0.00	0	0
IVC067 On 04/02/2017 Spot Bond				100.00000	0.00000	100.66595				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	101.06469				0.00	0	0
Total IVC070 SPOT										0.00	0	0
Total For IVC070										0.00	0	0
IVC075 On 21/04/2019 Spot Bond				100.00000	0.00000	101.04974				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	100.68442				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total IVC077 SPOT										0.00	0	0
Total For IVC077										0.00	0	0
IVC078 On 23/05/2017 Spot Bond				100.00000	0.00000	100.20242				0.00	0	0
Total IVC078 SPOT										0.00	0	0
Total For IVC078										0.00	0	0
IVC079 On 23/05/2018 Spot Bond				100.00000	0.00000	100.20242				0.00	0	0
Total IVC079 SPOT										0.00	0	0
Total For IVC079										0.00	0	0
IVC68U On 07/12/2021 Spot Bond			100.00000	2.18474	100.00000	2.18061				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	33.34584	100.00000	33.26506				0.00	0	0
Total IVC73U SPOT										0.00	0	0
Total For IVC73U										0.00	0	0
IVC74U On 22/09/2018 Spot Bond			100.00000	24.92583	100.00000	24.86544				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	3.15481	100.00000	3.14883				0.00	0	0
Total IVC80U SPOT										0.00	0	0
Total For IVC80U										0.00	0	0
IVP621 On 27/05/2016 Spot Bond			7.65000	99.89532	7.65000	99.91623				0.00	0	0
Total IVP621 SPOT										0.00	0	0
Total For IVP621										0.00	0	0
IVP635 On 30/08/2016 Spot Bond			100.00000	80.21978	100.00000	80.04386			090,000,000,000,000.00	30,900,000,000	30,900,000,000	
Total IVP635 SPOT									10,000,000,000,000.00	30,900,000,000	30,900,000,000	
Total For IVP635									10,000,000,000,000.00	30,900,000,000	30,900,000,000	
JAS01 On 31/01/2018 Spot Bond				100.00000	0.00000	100.81688				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
KAP001 On 13/06/2017 Spot Bond				100.00000	0.00000	101.97474				0.00	0	0
Total KAP001 SPOT										0.00	0	0
Total For KAP001										0.00	0	0
KAP002 On 13/06/2019 Spot Bond				100.00000	0.00000	101.93875				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total KAP002 SPOT										0.00	0	0
Total For KAP002										0.00	0	0
KAP002 On 06/06/2019 Spot Bond				100.00000	0.00000	99.85503				0.00	0	0
Total KAP003 SPOT										0.00	0	0
Total For KAP003										0.00	0	0
KAP041 On 01/07/2019 Spot Bond			100.00000	17.14496	100.00000	17.09661				0.00	0	0
Total KAP04U SPOT										0.00	0	0
Total For KAP04U										0.00	0	0
KSB007 On 31/08/2017 Spot Bond				100.00000	0.00000	102.32097				0.00	0	0
Total KSB007 SPOT										0.00	0	0
Total For KSB007										0.00	0	0
KSB008 On 01/11/2017 Spot Bond				100.00000	0.00000	100.82050				0.00	0	0
Total KSB008 SPOT										0.00	0	0
Total For KSB008										0.00	0	0
KSB009 On 05/08/2020 Spot Bond				100.00000	0.00000	100.79849				0.00	0	0
Total KSB009 SPOT										0.00	0	0
Total For KSB009										0.00	0	0
KW01 On 31/10/2027 Spot Bond			9.76000	126.55576	9.76000	126.52300				0.00	0	0
Total KW01 SPOT										0.00	0	0
Total For KW01										0.00	0	0
LBK03 On 01/10/2016 Spot Bond				100.00000	0.00000	101.59855				0.00	0	0
Total LBK03 SPOT										0.00	0	0
Total For LBK03										0.00	0	0
LBK05 On 28/02/2019 Spot Bond				100.00000	0.00000	99.73559				0.00	0	0
Total LBK05 SPOT										0.00	0	0
Total For LBK05										0.00	0	0
LBK06 On 06/03/2017 Spot Bond				100.00000	0.00000	99.94181				0.00	0	0
Total LBK06 SPOT										0.00	0	0
Total For LBK06										0.00	0	0
LBK07 On 16/09/2017 Spot Bond				100.00000	0.00000	101.67511				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	100.81602				0.00	0	0
Total LBK08 SPOT										0.00	0	0
Total For LBK08										0.00	0	0
LBK11 On 28/11/2019 Spot Bond			10.90500	96.45371	10.90500	96.42589				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total LBK11 SPOT										0.00	0	0
Total For LBK11										0.00	0	0
LBK12L On 25/02/2020 Spot Bond			9.71000	102.55890	9.71000	102.53218				0.00	0	0
Total LBK12U SPOT										0.00	0	0
Total For LBK12U										0.00	0	0
LBK13 On 17/03/2017 Spot Bond				100.00000	0.00000	101.75202				0.00	0	0
Total LBK13 SPOT										0.00	0	0
Total For LBK13										0.00	0	0
LBK14L On 31/03/2018 Spot Bond			100.00000	32.81778	100.00000	32.73741				0.00	0	0
Total LBK14U SPOT										0.00	0	0
Total For LBK14U										0.00	0	0
LEW01 On 31/10/2016 Spot Bond				100.00000	0.00000	100.69081				0.00	0	0
Total LEW01 SPOT										0.00	0	0
Total For LEW01										0.00	0	0
LGL02 On 13/08/2017 Spot Bond			9.63500	100.09644	9.63500	100.07057				0.00	0	3,412,000,000
Total LGL02 SPOT										0.00	0	3,412,000,000
Total For LGL02										0.00	0	3,412,000,000
LGL03 On 03/04/2018 Spot Bond			9.87500	97.53545	9.87500	97.50977			98,750,000,000.00		10,000,000	10,000,000
Total LGL03 SPOT									98,750,000,000.00		10,000,000	10,000,000
Total For LGL03									98,750,000,000.00		10,000,000	10,000,000
LGL04 On 14/08/2020 Spot Bond			10.95500	96.78646	10.95500	96.75811				0.00	0	688,000,000
Total LGL04 SPOT										0.00	0	688,000,000
Total For LGL04										0.00	0	688,000,000
LGL05 On 12/12/2021 Spot Bond				100.00000	0.00000	102.03655				0.00	80,000,000	80,000,000
Total LGL05 SPOT										0.00	80,000,000	80,000,000
Total For LGL05										0.00	80,000,000	80,000,000
LHL03 On 13/12/2016 Spot Bond				100.00000	0.00000	102.78152				0.00	0	0
Total LHL03 SPOT										0.00	0	0
Total For LHL03										0.00	0	0
LHL13 On 10/09/2016 Spot Bond				100.00000	0.00000	99.75825				0.00	0	0
Total LHL13 SPOT										0.00	0	0
Total For LHL13										0.00	0	0
LHL17 On 14/11/2018 Spot Bond				100.00000	0.00000	100.52619				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			13.89000	99.48102	13.89000	99.44472				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total LHL18 SPOT										0.00	0	0
Total For LHL18										0.00	0	0
LHL19 On 14/11/2019 Spot Bond			14.90500	99.08947	14.90500	99.05076				0.00	0	0
Total LHL19 SPOT										0.00	0	0
Total For LHL19										0.00	0	0
LOM01 On 25/11/2019 Spot Bond				100.00000	0.00000	100.19567				0.00	0	0
Total LOM01 SPOT										0.00	0	0
Total For LOM01										0.00	0	0
LRFA1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.26806				0.00	0	0
Total LRFA1 SPOT										0.00	0	0
Total For LRFA1										0.00	0	0
LRFB1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.28275				0.00	0	0
Total LRFB1 SPOT										0.00	0	0
Total For LRFB1										0.00	0	0
LRFC1 On 17/11/2025 Spot Bond				100.00000	0.00000	100.30035				0.00	0	0
Total LRFC1 SPOT										0.00	0	0
Total For LRFC1										0.00	0	0
MAQ07 On 11/11/2016 Spot Bond				100.00000	0.00000	100.42511				0.00	0	0
Total MAQ077 SPOT										0.00	0	0
Total For MAQ077										0.00	0	0
MAQ07 On 12/12/2016 Spot Bond				100.00000	0.00000	101.68063				0.00	0	0
Total MAQ078 SPOT										0.00	0	0
Total For MAQ078										0.00	0	0
MAQ08 On 02/02/2017 Spot Bond				100.00000	0.00000	100.61883				0.00	0	0
Total MAQ081 SPOT										0.00	0	0
Total For MAQ081										0.00	0	0
MAQ08 On 28/07/2016 Spot Bond				100.00000	0.00000	98.80781				0.00	0	0
Total MAQ082 SPOT										0.00	0	0
Total For MAQ082										0.00	0	0
MAQ08 On 20/01/2017 Spot Bond				100.00000	0.00000	94.92753				0.00	0	0
Total MAQ083 SPOT										0.00	0	0
Total For MAQ083										0.00	0	0
MAQ08 On 25/08/2016 Spot Bond				100.00000	0.00000	98.20154				0.00	0	0
Total MAQ084 SPOT										0.00	0	0
Total For MAQ084										0.00	0	0
MAQ0A On 28/02/2018 Spot Bond				100.00000	0.00000	101.89761				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.90973				0.00	0	0
Total MAQ0A2 SPOT										0.00	0	0
Total For MAQ0A2										0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	101.03685				0.00	0	0
Total MAQ0A3 SPOT										0.00	0	0
Total For MAQ0A3										0.00	0	0
MAQ0A On 31/08/2018 Spot Bond				100.00000	0.00000	101.11948				0.00	0	0
Total MAQ0A4 SPOT										0.00	0	0
Total For MAQ0A4										0.00	0	0
MAQNC On 28/03/2017 Spot Bond				100.00000	0.00000	101.88005				0.00	0	0
Total MAQN01 SPOT										0.00	0	0
Total For MAQN01										0.00	0	0
MBF03 On 01/10/2017 Spot Bond				100.00000	0.00000	101.69260				0.00	0	0
Total MBF030 SPOT										0.00	0	0
Total For MBF030										0.00	0	0
MBF03 On 10/12/2016 Spot Bond				100.00000	0.00000	101.85516				0.00	0	0
Total MBF035 SPOT										0.00	0	0
Total For MBF035										0.00	0	0
MBF03 On 11/11/2016 Spot Bond				100.00000	0.00000	100.43025				0.00	0	0
Total MBF037 SPOT										0.00	0	0
Total For MBF037										0.00	0	0
MBF03 On 17/04/2017 Spot Bond				100.00000	0.00000	100.89244				0.00	0	0
Total MBF039 SPOT										0.00	0	0
Total For MBF039										0.00	0	0
MBF04 On 07/08/2016 Spot Bond				100.00000	0.00000	100.50109				0.00	0	0
Total MBF041 SPOT										0.00	0	0
Total For MBF041										0.00	0	0
MBF04 On 07/08/2017 Spot Bond				100.00000	0.00000	100.45482				0.00	1,400,000,000	1,700,000,000
Total MBF042 SPOT										0.00	1,400,000,000	1,700,000,000
Total For MBF042										0.00	1,400,000,000	1,700,000,000
MBF04 On 13/04/2018 Spot Bond				100.00000	0.00000	101.14202				0.00	3,200,000,000	800,000,000
Total MBF045 SPOT										0.00	3,200,000,000	800,000,000
Total For MBF045										0.00	3,200,000,000	800,000,000
MBF04 On 17/08/2018 Spot Bond				100.00000	0.00000	100.29404				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	99.84327				0.00	0	0
Total MBF047 SPOT										0.00	0	0
Total For MBF047										0.00	0	0
MBF04 On 13/03/2017 Spot Bond				100.00000	0.00000	101.71038				0.00	0	0
Total MBF048 SPOT										0.00	0	0
Total For MBF048										0.00	0	0
MBF04 On 14/03/2019 Spot Bond				100.00000	0.00000	101.81936				0.00	0	0
Total MBF049 SPOT										0.00	0	0
Total For MBF049										0.00	0	0
MBF05 On 17/05/2017 Spot Bond				100.00000	0.00000	100.32296				0.00	0	0
Total MBF050 SPOT										0.00	0	0
Total For MBF050										0.00	0	0
MBF05 On 16/05/2019 Spot Bond				100.00000	0.00000	100.34099				0.00	0	0
Total MBF051 SPOT										0.00	0	0
Total For MBF051										0.00	0	0
MBLSA On 30/09/2016 Spot Bond				100.00000	0.00000	101.39926				0.00	0	0
Total MBLSA1 SPOT										0.00	0	0
Total For MBLSA1										0.00	0	0
MBLSA On 30/10/2017 Spot Bond			2.30000	97.27908	2.30000	103.67127				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	98.31583				0.00	0	0
Total MBLSA3 SPOT										0.00	0	0
Total For MBLSA3										0.00	0	0
MBLSA On 22/12/2016 Spot Bond				100.00000	0.00000	101.37678				0.00	0	0
Total MBLSA4 SPOT										0.00	0	0
Total For MBLSA4										0.00	0	0
MBP29 On 23/09/2017 Spot Bond			100.00000	42.53944	100.00000	42.43526				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	41.26313	100.00000	41.16207				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	41.32955	100.00000	41.22832				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total MBP31U SPOT										0.00	0	0
Total For MBP31U										0.00	0	0
MBP32 On 10/11/2017 Spot Bond			100.00000	39.71612	100.00000	39.61991				0.00	0	0
Total MBP32U SPOT										0.00	0	0
Total For MBP32U										0.00	0	0
MBP33 On 17/02/2017 Spot Bond			100.00000	53.09706	100.00000	52.96843				0.00	0	0
Total MBP33U SPOT										0.00	0	0
Total For MBP33U										0.00	0	0
MBP34 On 29/04/2018 Spot Bond				100.00000	0.00000	100.75565				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			9.79000	99.26276	9.79000	99.23683				0.00	0	0
Total MBSA01 SPOT										0.00	0	0
Total For MBSA01										0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			9.84000	98.83265	9.84000	98.80671				0.00	0	0
Total MBSA02 SPOT										0.00	0	0
Total For MBSA02										0.00	0	0
MBSA0 On 15/04/2019 Spot Bond			8.91000	101.11266	8.91000	101.08857				0.00	0	0
Total MBSA02/R204 SPOT										0.00	0	0
Total For MBSA02/R204										0.00	0	0
MEFSA On 05/10/2016 Spot Bond				100.00000	0.00000	101.28197				0.00	0	0
Total MEFSA3 SPOT										0.00	0	0
Total For MEFSA3										0.00	0	0
MEFSA On 05/01/2019 Spot Bond			100.00000		0.00000	103.26325				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	103.40187				0.00	0	0
Total MEFSA6 SPOT										0.00	0	0
Total For MEFSA6										0.00	0	0
MEFSB On 05/10/2016 Spot Bond			8.91000	101.18284	8.91000	101.15888				0.00	0	0
Total MEFSB3 SPOT										0.00	0	0
Total For MEFSB3										0.00	0	0
MEFSB On 05/01/2019 Spot Bond			9.81000	102.72683	9.81000	102.69980				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			10.67500	101.30256	10.67500	101.27362				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	101.63500				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			10.70500	100.85642	10.70500	100.74724				0.00	0	0
Total MFS1B SPOT										0.00	0	0
Total For MFS1B										0.00	0	0
MIIL02 On 31/05/2017 Spot Bond			9.83500	99.04865	9.83500	99.02267				0.00	0	0
Total MIIL02 SPOT										0.00	0	0
Total For MIIL02										0.00	0	0
MMIG0 On 17/03/2024 Spot Bond				100.00000	0.00000	101.74600				0.00	0	0
Total MMIG01 SPOT										0.00	0	0
Total For MMIG01										0.00	0	0
MMIG0 On 17/03/2026 Spot Bond			10.55000	99.12978	10.55000	100.23056				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 01/06/2025 Spot Bond			100.00000		0.00000	99.32925				0.00	0	0
Total MMIG03 SPOT										0.00	0	0
Total For MMIG03										0.00	0	0
MMIG0 On 12/08/2030 Spot Bond			12.41000	96.04833	12.41000	97.35276				0.00	0	0
Total MMIG04 SPOT										0.00	0	0
Total For MMIG04										0.00	0	0
MMIG0 On 12/08/2017 Spot Bond			11.84000	102.17913	11.84000	98.99363				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
MMS01 On 10/12/2016 Spot Bond			100.00000	62.61807	100.00000	62.46637				0.00	0	0
Total MMS01U SPOT										0.00	0	0
Total For MMS01U										0.00	0	0
MQB02 On 31/05/2017 Spot Bond			9.53500	99.04579	9.53500	99.02058				0.00	0	0
Total MQB02 SPOT										0.00	0	0
Total For MQB02										0.00	0	0
MTN04 On 13/07/2017 Spot Bond			9.52500	104.50133	9.52500	104.47462				0.00	0	137,900,000
Total MTN04 SPOT										0.00	0	137,900,000
Total For MTN04										0.00	0	137,900,000
MTN05 On 28/09/2016 Spot Bond			100.00000	78.56927	100.00000	78.40727				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total MTN05U SPOT										0.00	0	0
Total For MTN05U										0.00	0	0
MTN06 On 22/03/2017 Spot Bond			100.00000	62.45256	100.00000	62.33407				0.00	0	0
Total MTN06U SPOT										0.00	0	0
Total For MTN06U										0.00	0	0
MTN07 On 22/03/2017 Spot Bond			100.00000	65.76843	100.00000	65.60912				0.00	0	0
Total MTN07U SPOT										0.00	0	0
Total For MTN07U										0.00	0	0
MTN08 On 19/04/2019 Spot Bond			100.00000	21.08226	100.00000	21.01497				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	19.72714	100.00000	19.68348				0.00	0	0
Total MTN09U SPOT										0.00	0	0
Total For MTN09U										0.00	0	0
N4A211 On 14/08/2020 Spot Bond			100.89771	7.95059	100.89771	7.93117				0.00	0	0
Total N4A211 SPOT										0.00	0	0
Total For N4A211										0.00	0	0
N4A302 On 14/08/2020 Spot Bond			100.61875	8.04688	100.61875	8.02727				0.00	0	0
Total N4A302 SPOT										0.00	0	0
Total For N4A302										0.00	0	0
N4A305 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A305 SPOT										0.00	0	0
Total For N4A305										0.00	0	0
N4A308 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A308 SPOT										0.00	0	0
Total For N4A308										0.00	0	0
N4A311 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A311 SPOT										0.00	0	0
Total For N4A311										0.00	0	0
N4A405 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A405 SPOT										0.00	0	0
Total For N4A405										0.00	0	0
N4A408 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total N4A408 SPOT										0.00	0	0
Total For N4A408										0.00	0	0
N4A411 On 14/08/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total N4A411 SPOT									0.00	0	0
Total For N4A411									0.00	0	0
N5A16 On 20/06/2016 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total N5A16 SPOT									0.00	0	0
Total For N5A16									0.00	0	0
N5B23 On 20/06/2023 Spot Bond				100.00000	0.00000	101.66363			0.00	0	0
Total N5B23 SPOT									0.00	0	0
Total For N5B23									0.00	0	0
N5C23 On 20/06/2023 Spot Bond				100.00000	0.00000	101.68271			0.00	0	0
Total N5C23 SPOT									0.00	0	0
Total For N5C23									0.00	0	0
N5D23 On 20/06/2023 Spot Bond				100.00000	0.00000	101.89065			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	112.11725			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	12.72541	100.00000	12.69458			0.00	0	0
Total N5F23U SPOT									0.00	0	0
Total For N5F23U									0.00	0	0
N5G23L On 20/06/2023 Spot Bond			100.00000	13.61931	100.00000	13.58632			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			10.89000	88.30199	10.89000	88.27655		1,470,934,080,000.00	135,072,000	67,536,000	
Total NAM01 SPOT								1,470,934,080,000.00	135,072,000	67,536,000	
Total For NAM01								1,470,934,080,000.00	135,072,000	67,536,000	
NAM02 On 29/06/2020 Spot Bond			10.45000	101.26721	10.45000	101.23903		3,569,966,620,000.00	341,623,600	250,811,800	
Total NAM02 SPOT								3,569,966,620,000.00	341,623,600	250,811,800	
Total For NAM02								3,569,966,620,000.00	341,623,600	250,811,800	
NBK10A On 25/07/2016 Spot Bond			8.46500	102.17540	8.46500	102.15200		0.00	0	0	
Total NBK10A SPOT								0.00	0	0	
Total For NBK10A								0.00	0	0	
NBK11A On 28/11/2020 Spot Bond			10.23000	95.47160	10.23000	95.44573		0.00	0	300,000,000	
Total NBK11A SPOT								0.00	0	300,000,000	
Total For NBK11A								0.00	0	300,000,000	
NBK12A On 19/03/2021 Spot Bond			10.00000	99.54042	10.00000	99.51403		12,000,000,000,000.00	1,200,000,000	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
Total NBK12A SPOT									12,000,000,000,000.00	1,200,000,000	600,000,000
Total For NBK12A									12,000,000,000,000.00	1,200,000,000	600,000,000
NBK13/On 19/03/2024 Spot Bond			10.51000	97.84369	10.51000	97.81646			0.00	0	0
Total NBK13A SPOT									0.00	0	0
Total For NBK13A									0.00	0	0
NBK13I/On 21/02/2017 Spot Bond				100.00000	0.00000	100.57380			0.00	60,000,000	60,000,000
Total NBK13B SPOT									0.00	60,000,000	60,000,000
Total For NBK13B									0.00	60,000,000	60,000,000
NBK14/On 26/06/2021 Spot Bond			10.36000	99.86216	10.36000	99.85840			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			10.60000	95.06018	10.60000	95.03322			0.00	0	0
Total NBK15A SPOT									0.00	0	0
Total For NBK15A									0.00	0	0
NBK15I/On 27/08/2017 Spot Bond				100.00000	0.00000	100.68435			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			11.37000	92.33438	11.37000	92.30634			2,274,000,000,000.00	200,000,000	960,000,000
Total NBK16A SPOT									2,274,000,000,000.00	200,000,000	960,000,000
Total For NBK16A									2,274,000,000,000.00	200,000,000	960,000,000
NBK16I/On 25/07/2016 Spot Bond				100.00000	0.00000	100.79103			0.00	0	0
Total NBK16B SPOT									0.00	0	0
Total For NBK16B									0.00	0	0
NBK17/On 22/04/2026 Spot Bond			11.54000	91.82776	11.54000	91.79962			18,067,354,044,000.00	1,565,628,600	2,002,814,300
Total NBK17A SPOT									18,067,354,044,000.00	1,565,628,600	2,002,814,300
Total For NBK17A									18,067,354,044,000.00	1,565,628,600	2,002,814,300
NBK17I/On 28/11/2016 Spot Bond				100.00000	0.00000	100.05666			0.00	0	0
Total NBK17B SPOT									0.00	0	0
Total For NBK17B									0.00	0	0
NBK18/On 01/06/2020 Spot Bond			10.33500	96.54942	10.33500	96.52285			0.00	0	60,000,000
Total NBK18A SPOT									0.00	0	60,000,000
Total For NBK18A									0.00	0	60,000,000
NBK18I/On 20/03/2017 Spot Bond				100.00000	0.00000	101.50101			0.00	125,000,000	125,000,000
Total NBK18B SPOT									0.00	125,000,000	125,000,000
Total For NBK18B									0.00	125,000,000	125,000,000
NBK19/On 01/06/2022 Spot Bond			10.75000	95.18330	10.75000	95.15607			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total NBK19A SPOT									0.00	0	0
Total For NBK19A									0.00	0	0
NBK19I On 26/06/2017 Spot Bond				100.00000	0.00000	101.18788			0.00	140,000,000	140,000,000
Total NBK19B SPOT									0.00	140,000,000	140,000,000
Total For NBK19B									0.00	140,000,000	140,000,000
NBK20J On 01/06/2026 Spot Bond			11.61000	92.71642	11.61000	92.68784		27,735,356,556,000.00	2,388,919,600	1,259,459,800	
Total NBK20A SPOT								27,735,356,556,000.00	2,388,919,600	1,259,459,800	
Total For NBK20A								27,735,356,556,000.00	2,388,919,600	1,259,459,800	
NBK20I On 25/06/2021 Spot Bond				100.00000	0.00000	101.47940			0.00	730,000,000	730,000,000
Total NBK20B SPOT									0.00	730,000,000	730,000,000
Total For NBK20B									0.00	730,000,000	730,000,000
NBK21J On 21/07/2027 Spot Bond			11.81000	96.61650	11.81000	96.58606		5,187,490,536,000.00	439,245,600	359,622,800	
Total NBK21A SPOT								5,187,490,536,000.00	439,245,600	359,622,800	
Total For NBK21A								5,187,490,536,000.00	439,245,600	359,622,800	
NBK21I On 10/11/2017 Spot Bond				100.00000	0.00000	100.38481			0.00	0	0
Total NBK21B SPOT									0.00	0	0
Total For NBK21B									0.00	0	0
NBK22J On 19/11/2022 Spot Bond			9.71500	102.02308	9.71500	101.99679		0.00	0	0	
Total NBK22A SPOT								0.00	0	0	
Total For NBK22A								0.00	0	0	
NBK22I On 12/02/2018 Spot Bond				100.00000	0.00000	100.33460			0.00	0	0
Total NBK22B SPOT									0.00	0	0
Total For NBK22B									0.00	0	0
NBK23J On 19/11/2025 Spot Bond			11.46000	95.96049	11.46000	95.93144		0.00	0	0	
Total NBK23A SPOT								0.00	0	0	
Total For NBK23A								0.00	0	0	
NBK23I On 12/02/2020 Spot Bond				100.00000	0.00000	100.30765			0.00	0	0
Total NBK23B SPOT									0.00	0	0
Total For NBK23B									0.00	0	0
NBK24J On 19/11/2027 Spot Bond			11.71000	95.55316	11.71000	95.52361		0.00	0	1,000,000,000	
Total NBK24A SPOT								0.00	0	1,000,000,000	
Total For NBK24A								0.00	0	1,000,000,000	
NBK24I On 11/02/2022 Spot Bond				100.00000	0.00000	100.49182			0.00	0	0
Total NBK24B SPOT									0.00	0	0
Total For NBK24B									0.00	0	0
NBK25J On 17/02/2023 Spot Bond			10.75000	102.60573	10.75000	102.57605		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NBK25A SPOT										0.00	0	0
Total For NBK25A										0.00	0	0
NBK25I On 12/02/2025 Spot Bond				100.00000	0.00000	100.49001				0.00	1,069,446,600	534,723,300
Total NBK25B SPOT										0.00	1,069,446,600	534,723,300
Total For NBK25B										0.00	1,069,446,600	534,723,300
NBK26I On 10/05/2023 Spot Bond			100.00000	11.53168	100.00000	11.50630				0.00	0	0
Total NBK26A SPOT										0.00	0	0
Total For NBK26A										0.00	0	0
NBK26I On 22/04/2026 Spot Bond				100.00000	0.00000	101.01297				0.00	196,523,200	98,261,600
Total NBK26B SPOT										0.00	196,523,200	98,261,600
Total For NBK26B										0.00	196,523,200	98,261,600
NBK27I On 10/05/2026 Spot Bond			11.35000	99.47648	11.35000	99.44665				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	99.99606				0.00	0	0
Total NBK27B SPOT										0.00	0	0
Total For NBK27B										0.00	0	0
NBK28I On 19/11/2020 Spot Bond				100.00000	0.00000	100.29387				0.00	0	0
Total NBK28B SPOT										0.00	0	0
Total For NBK28B										0.00	0	0
NBK29I On 18/02/2019 Spot Bond				100.00000	0.00000	100.31518				0.00	0	0
Total NBK29B SPOT										0.00	0	0
Total For NBK29B										0.00	0	0
NBK30I On 18/02/2021 Spot Bond				100.00000	0.00000	100.32728				0.00	0	0
Total NBK30B SPOT										0.00	0	0
Total For NBK30B										0.00	0	0
NBK31I On 17/02/2023 Spot Bond				100.00000	0.00000	100.34801				0.00	0	0
Total NBK31B SPOT										0.00	0	0
Total For NBK31B										0.00	0	0
NBK32I On 26/02/2019 Spot Bond				100.00000	0.00000	100.01964				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	100.50910				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	100.52877				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NBK34B SPOT										0.00	0	0
Total For NBK34B										0.00	0	0
NBK35I On 10/05/2023 Spot Bond				100.00000	0.00000	100.54004				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	100.55395				0.00	0	0
Total NBK36B SPOT										0.00	0	0
Total For NBK36B										0.00	0	0
NBK3A On 09/09/2019 Spot Bond			9.72000	107.15269	9.72000	107.12506			7,484,400,000,000.00	770,000,000	1,320,000,000	
Total NBK3A SPOT									7,484,400,000,000.00	770,000,000	1,320,000,000	
Total For NBK3A									7,484,400,000,000.00	770,000,000	1,320,000,000	
NBK4 On 28/10/2024 Spot Bond			11.93500	38.75597	11.93500	38.74403			0.00	0	0	
Total NBK4 SPOT									0.00	0	0	
Total For NBK4									0.00	0	0	
NBK7B On 19/04/2020 Spot Bond				100.00000	0.00000	101.09210			0.00	0	0	
Total NBK7B SPOT									0.00	0	0	
Total For NBK7B									0.00	0	0	
NCLN6 On 27/05/2016 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0	
Total NCLN69 SPOT									0.00	0	0	
Total For NCLN69									0.00	0	0	
NCLN7 On 15/08/2017 Spot Bond				100.00000	0.00000	100.38066			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	101.69700			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	101.62802			0.00	0	0	
Total NCLN77 SPOT									0.00	0	0	
Total For NCLN77									0.00	0	0	
NCLN8 On 20/06/2016 Spot Bond				100.00000	0.00000	101.57298			0.00	0	0	
Total NCLN80 SPOT									0.00	0	0	
Total For NCLN80									0.00	0	0	
NCLN8 On 31/01/2017 Spot Bond				100.00000	0.00000	100.75206			0.00	0	0	
Total NCLN81 SPOT									0.00	0	0	
Total For NCLN81									0.00	0	0	
NCLN8 On 20/03/2024 Spot Bond				100.00000	0.00000	101.77804			0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NCLN82 SPOT										0.00	0	0
Total For NCLN82										0.00	0	0
NCLN8 On 20/03/2024 Spot Bond			11.10500	99.79749	11.10500	99.76818				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	101.76850				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			11.14000	98.71660	11.14000	98.68752				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	101.77804				0.00	0	0
Total NCLN87 SPOT										0.00	0	0
Total For NCLN87										0.00	0	0
NCLN8 On 20/12/2016 Spot Bond				100.00000	0.00000	101.62164				0.00	0	0
Total NCLN88 SPOT										0.00	0	0
Total For NCLN88										0.00	0	0
NCLN8 On 20/03/2017 Spot Bond				100.00000	0.00000	101.62171				0.00	0	0
Total NCLN89 SPOT										0.00	0	0
Total For NCLN89										0.00	0	0
NCLN9 On 20/09/2024 Spot Bond				100.00000	0.00000	101.79321				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	101.81228				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	99.95426				0.00	0	0
Total NCLN92 SPOT										0.00	0	0
Total For NCLN92										0.00	0	0
NCLN9 On 09/04/2018 Spot Bond				100.00000	0.00000	101.22131				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	101.66845				0.00	0	0
Total NCLN94 SPOT										0.00	0	0
Total For NCLN94										0.00	0	0
NCLN9 On 08/10/2018 Spot Bond				100.00000	0.00000	101.29219				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NCLN95 SPOT										0.00	0	0
Total For NCLN95										0.00	0	0
NED13 On 25/07/2023 Spot Bond				100.00000	0.00000	100.99860				0.00	0	0
Total NED13 SPOT										0.00	0	0
Total For NED13										0.00	0	0
NED14 On 29/11/2023 Spot Bond				100.00000	0.00000	98.94456				0.00	0	0
Total NED14 SPOT										0.00	0	0
Total For NED14										0.00	0	0
NED15 On 08/04/2024 Spot Bond			11.36000	97.07538	11.36000	99.41732				0.00	0	0
Total NED15 SPOT										0.00	0	0
Total For NED15										0.00	0	0
NED16 On 08/04/2024 Spot Bond				100.00000	0.00000	99.14134				0.00	4,600,000,000	2,300,000,000
Total NED16 SPOT										0.00	4,600,000,000	2,300,000,000
Total For NED16										0.00	4,600,000,000	2,300,000,000
NED17 On 14/10/2024 Spot Bond				100.00000	0.00000	101.29640				0.00	0	0
Total NED17 SPOT										0.00	0	0
Total For NED17										0.00	0	0
NED18 On 16/01/2025 Spot Bond				100.00000	0.00000	101.18628				0.00	0	0
Total NED18 SPOT										0.00	0	0
Total For NED18										0.00	0	0
NED19 On 01/07/2025 Spot Bond				100.00000	0.00000	101.76755				0.00	0	0
Total NED19 SPOT										0.00	0	0
Total For NED19										0.00	0	0
NED20 On 01/07/2020 Spot Bond			12.25500	100.09652	12.25500	101.62914				0.00	0	1,990,000,000
Total NED20 SPOT										0.00	0	1,990,000,000
Total For NED20										0.00	0	1,990,000,000
NED9 On 06/07/2017 Spot Bond				100.00000	0.00000	101.16781				0.00	0	0
Total NED9 SPOT										0.00	0	0
Total For NED9										0.00	0	0
NEDH1 On 20/11/2018 Spot Bond			9.44500	112.56524	9.44500	112.53701				0.00	0	0
Total NEDH1A SPOT										0.00	0	0
Total For NEDH1A										0.00	0	0
NEDH1 On 20/11/2018 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total NEDH1B SPOT										0.00	0	0
Total For NEDH1B										0.00	0	0
NEDT1 On 21/05/2021 Spot Bond				100.00000	0.00000	100.41555				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NEDT1A SPOT										0.00	0	0
Total For NEDT1A										0.00	0	0
NHM00 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				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	100.68049	13.50000	100.64455				0.00	0	0
Total NHM002 SPOT										0.00	0	0
Total For NHM002										0.00	0	0
NILB10 On 08/12/2016 Spot Bond			2.17000	178.48257	2.17000	178.39482				0.00	0	0
Total NILB10 SPOT										0.00	0	0
Total For NILB10										0.00	0	0
NILB11 On 31/01/2025 Spot Bond			2.65000	103.43562	2.65000	117.84019				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	197.81004	3.45000	197.71213				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			3.04000	114.36585	3.04000	114.30690				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			3.30000	157.60852	3.30000	148.39050				0.00	0	0
Total NILB14 SPOT										0.00	0	0
Total For NILB14										0.00	0	0
NILB15 On 31/03/2028 Spot Bond			3.21000	159.81423	3.21000	159.87056				0.00	0	0
Total NILB15 SPOT										0.00	0	0
Total For NILB15										0.00	0	0
NMP20 On 24/07/2020 Spot Bond			9.75500	101.93618	9.75500	101.90950				0.00	0	0
Total NMP20N SPOT										0.00	0	0
Total For NMP20N										0.00	0	0
NPL10L On 03/04/2017 Spot Bond			100.00000	63.23705	100.00000	63.11047				0.00	0	0
Total NPL10U SPOT										0.00	0	0
Total For NPL10U										0.00	0	0
NQ1A1 On 22/05/2020 Spot Bond			10.38500	100.43309	10.38500	100.41343				0.00	0	0
Total NQ1A10 SPOT										0.00	0	0
Total For NQ1A10										0.00	0	0
NQ1A1 On 22/05/2048 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NQ1A16 SPOT										0.00	0	0
Total For NQ1A16										0.00	0	0
NQ1A1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.18414				0.00	0	0
Total NQ1A17 SPOT										0.00	0	0
Total For NQ1A17										0.00	0	0
NQ1A1 On 22/05/2049 Spot Bond				100.00000	0.00000	100.18092				0.00	0	0
Total NQ1A18 SPOT										0.00	0	0
Total For NQ1A18										0.00	0	0
NQ1A1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.35152				0.00	0	0
Total NQ1A19 SPOT										0.00	0	0
Total For NQ1A19										0.00	0	0
NQ1A2 On 22/05/2019 Spot Bond				100.00000	0.00000	100.18871				0.00	0	0
Total NQ1A21 SPOT										0.00	0	0
Total For NQ1A21										0.00	0	0
NQ1A2 On 22/05/2017 Spot Bond				100.00000	0.00000	100.17753				0.00	0	0
Total NQ1A22 SPOT										0.00	0	0
Total For NQ1A22										0.00	0	0
NQ1B1 On 22/05/2020 Spot Bond			10.58500	100.43785	10.58500	100.41759				0.00	0	0
Total NQ1B10 SPOT										0.00	0	0
Total For NQ1B10										0.00	0	0
NQ1B1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.18737				0.00	0	0
Total NQ1B15 SPOT										0.00	0	0
Total For NQ1B15										0.00	0	0
NQ1B1 On 22/05/2049 Spot Bond				100.00000	0.00000	100.18523				0.00	0	0
Total NQ1B16 SPOT										0.00	0	0
Total For NQ1B16										0.00	0	0
NQ1B1 On 22/05/2052 Spot Bond				100.00000	0.00000	100.19953				0.00	0	0
Total NQ1B17 SPOT										0.00	0	0
Total For NQ1B17										0.00	0	0
NQ1C1 On 22/05/2020 Spot Bond			10.78500	100.44261	10.78500	100.42175				0.00	0	0
Total NQ1C10 SPOT										0.00	0	0
Total For NQ1C10										0.00	0	0
NQ1C1 On 22/05/2050 Spot Bond				100.00000	0.00000	100.18953				0.00	0	0
Total NQ1C15 SPOT										0.00	0	0
Total For NQ1C15										0.00	0	0
NQ1C1 On 22/05/2049 Spot Bond				100.00000	0.00000	100.19062				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total NQ1C16 SPOT										0.00	0	0
Total For NQ1C16										0.00	0	0
NQ1C1 On 22/05/2052 Spot Bond				100.00000	0.00000	100.20875				0.00	0	0
Total NQ1C17 SPOT										0.00	0	0
Total For NQ1C17										0.00	0	0
NQF1D On 22/05/2020 Spot Bond				100.00000	0.00000	100.23015				0.00	0	0
Total NQF1D5 SPOT										0.00	0	0
Total For NQF1D5										0.00	0	0
NQF1D On 22/05/2050 Spot Bond				100.00000	0.00000	100.19383				0.00	0	0
Total NQF1D7 SPOT										0.00	0	0
Total For NQF1D7										0.00	0	0
NQF1D On 22/05/2019 Spot Bond				100.00000	0.00000	100.21560				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			9.61000	105.77297	9.61000	105.74585				0.00	0	600,000,000
Total NRA018 SPOT										0.00	0	600,000,000
Total For NRA018										0.00	0	600,000,000
NRA02: On 31/10/2022 Spot Bond			10.48000	109.15978	10.48000	109.12948				0.00	0	600,000,000
Total NRA022 SPOT										0.00	0	600,000,000
Total For NRA022										0.00	0	600,000,000
NRA02: On 31/05/2023 Spot Bond			2.06500	180.16485	2.06500	180.07680				0.00	0	8,900,000,000
Total NRA023 SPOT										0.00	0	8,900,000,000
Total For NRA023										0.00	0	8,900,000,000
NRA02: On 30/11/2028 Spot Bond			12.01000	101.56563	12.01000	101.53327				0.00	0	2,510,000,000
Total NRA028 SPOT										0.00	0	2,510,000,000
Total For NRA028										0.00	0	2,510,000,000
NTC12 On 25/08/2016 Spot Bond				100.00000	0.00000	100.32059				0.00	0	80,000,000
Total NTC12 SPOT										0.00	0	80,000,000
Total For NTC12										0.00	0	80,000,000
NTC16 On 22/03/2018 Spot Bond				100.00000	0.00000	101.80219				0.00	100,000,000	100,000,000
Total NTC16 SPOT										0.00	100,000,000	100,000,000
Total For NTC16										0.00	100,000,000	100,000,000
NTC17 On 27/02/2017 Spot Bond				100.00000	0.00000	100.01571				0.00	0	0
Total NTC17 SPOT										0.00	0	0
Total For NTC17										0.00	0	0
NTC18 On 27/02/2019 Spot Bond				100.00000	0.00000	99.97009				0.00	0	102,040,800

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 NTC18 SPOT										0.00	0	102,040,800
Total For NTC18										0.00	0	102,040,800
NTC19 On 27/07/2020 Spot Bond				100.00000	0.00000	100.83766				0.00	0	0
Total NTC19 SPOT										0.00	0	0
Total For NTC19										0.00	0	0
NYT10 On 28/05/2020 Spot Bond				100.00000	0.00000	100.02590				0.00	0	0
Total NYT101 SPOT										0.00	0	0
Total For NYT101										0.00	0	0
NYT102 On 28/05/2020 Spot Bond				100.00000	0.00000	100.03217				0.00	0	0
Total NYT102 SPOT										0.00	0	0
Total For NYT102										0.00	0	0
NYT13U On 28/05/2020 Spot Bond			100.00000	18.28784	100.00000	18.24354				0.00	0	0
Total NYT13U SPOT										0.00	0	0
Total For NYT13U										0.00	0	0
OML02 On 21/11/2024 Spot Bond				100.00000	0.00000	100.46135				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			10.90500	95.44114	10.90500	95.41360				0.00	0	0
Total OML03 SPOT										0.00	0	0
Total For OML03										0.00	0	0
OML04 On 19/03/2025 Spot Bond				100.00000	0.00000	101.99116				0.00	0	0
Total OML04 SPOT										0.00	0	0
Total For OML04										0.00	0	0
OML05 On 19/03/2025 Spot Bond			11.08000	94.63026	11.08000	97.89787				0.00	0	1,657,000,000
Total OML05 SPOT										0.00	0	1,657,000,000
Total For OML05										0.00	0	1,657,000,000
OML06 On 19/03/2022 Spot Bond			11.69000	96.38497	11.69000	96.35522				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 19/03/2030 Spot Bond			12.36000	92.96856	12.36000	94.72228				0.00	0	930,000,000
Total OML07 SPOT										0.00	0	930,000,000
Total For OML07										0.00	0	930,000,000
OML08 On 14/09/2025 Spot Bond				100.00000	0.00000	101.94857				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			11.68000	98.89583	11.68000	98.86533				0.00	0	1,000,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total OML09 SPOT										0.00	0	1,000,000,000
Total For OML09										0.00	0	1,000,000,000
OML10 On 14/09/2025 Spot Bond			12.26000	97.43152	12.26000	97.40002				0.00	0	940,000,000
Total OML10 SPOT										0.00	0	940,000,000
Total For OML10										0.00	0	940,000,000
OTCA2 On 31/07/2016 Spot Bond			100.00000	85.88235	100.00000	85.68075				0.00	0	0
Total OTCA2U SPOT										0.00	0	0
Total For OTCA2U										0.00	0	0
PMM12 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total PMM12/JIBAR SPOT										0.00	0	0
Total For PMM12/JIBAR										0.00	0	0
PMM21 On 02/09/2016 Spot Bond				100.00000	0.00000	99.95578				0.00	0	0
Total PMM21 SPOT										0.00	0	0
Total For PMM21										0.00	0	0
PMM23 On 02/09/2016 Spot Bond				100.00000	0.00000	99.95449				0.00	0	0
Total PMM23 SPOT										0.00	0	0
Total For PMM23										0.00	0	0
PMM24 On 07/09/2016 Spot Bond				100.00000	0.00000	99.84092				0.00	0	0
Total PMM24 SPOT										0.00	0	0
Total For PMM24										0.00	0	0
PMM25 On 07/03/2017 Spot Bond				100.00000	0.00000	99.84371				0.00	0	0
Total PMM25 SPOT										0.00	0	0
Total For PMM25										0.00	0	0
PMM26 On 04/11/2016 Spot Bond				100.00000	0.00000	100.61074				0.00	0	0
Total PMM26 SPOT										0.00	0	0
Total For PMM26										0.00	0	0
PMM27 On 25/11/2016 Spot Bond				100.00000	0.00000	100.13553				0.00	0	0
Total PMM27 SPOT										0.00	0	0
Total For PMM27										0.00	0	0
PPC00: On 31/12/2018 Spot Bond				100.00000	0.00000	101.12520				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	100.48112				0.00	0	0
Total PPC003 SPOT										0.00	0	0
Total For PPC003										0.00	0	0
PPC00: On 30/06/2021 Spot Bond			10.65000	99.70873	10.65000	101.05954				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total PPC004 SPOT									0.00	0	0
Total For PPC004									0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total PRE1A1 SPOT									0.00	0	0
Total For PRE1A1									0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.78405			0.00	0	0
Total PRE1A2 SPOT									0.00	0	0
Total For PRE1A2									0.00	0	0
PRE1A On 27/01/2028 Spot Bond				100.00000	0.00000	100.79207			0.00	0	0
Total PRE1A3 SPOT									0.00	0	0
Total For PRE1A3									0.00	0	0
PRE1B On 27/01/2028 Spot Bond				100.00000	0.00000	100.80987			0.00	0	0
Total PRE1B1 SPOT									0.00	0	0
Total For PRE1B1									0.00	0	0
PRE1C On 27/01/2028 Spot Bond				100.00000	0.00000	100.88636			0.00	0	0
Total PRE1C1 SPOT									0.00	0	0
Total For PRE1C1									0.00	0	0
PRE1D On 27/01/2028 Spot Bond				100.00000	0.00000	100.90413			0.00	0	0
Total PRE1D1 SPOT									0.00	0	0
Total For PRE1D1									0.00	0	0
R010P On 21/12/2025 Spot Bond			9.18000	42.41865	9.18000	42.40825			0.00	0	0
Total R010P SPOT									0.00	0	0
Total For R010P									0.00	0	0
R159 On 15/09/2016 Spot Bond			7.44000	104.49228	7.44000	104.47144		11,567,712,000,000.00	1,554,800,000	203,738,500,000	
Total R159 SPOT								11,567,712,000,000.00	1,554,800,000	203,738,500,000	
Total For R159								11,567,712,000,000.00	1,554,800,000	203,738,500,000	
R159P On 15/09/2016 Spot Bond			7.27000	97.93237	7.27000	97.91327		0.00	0	0	
Total R159P SPOT								0.00	0	0	
Total For R159P								0.00	0	0	
R186 On 21/12/2026 Spot Bond			9.37500	112.10182	9.36000	112.17803		108,941,470,937,500.00	1,504,953,756,900	1,983,664,038,000	
Total R186 SPOT								108,941,470,937,500.00	1,504,953,756,900	1,983,664,038,000	
Total For R186								108,941,470,937,500.00	1,504,953,756,900	1,983,664,038,000	
R187P On 21/12/2026 Spot Bond			9.10000	39.09159	9.10000	39.08208		0.00	0	0	
Total R187P SPOT								0.00	0	0	
Total For R187P								0.00	0	0	
R188P On 21/12/2027 Spot Bond			9.02000	36.08077	9.02000	36.07207		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R188P SPOT									0.00	0	0
Total For R188P									0.00	0	0
R197 On 07/12/2023 Spot Bond			1.66000	294.96156	1.66000	294.82064			1,660,000,000,000.00	1,000,000,000	24,181,500,000
Total R197 SPOT									1,660,000,000,000.00	1,000,000,000	24,181,500,000
Total For R197									1,660,000,000,000.00	1,000,000,000	24,181,500,000
R202 On 07/12/2033 Spot Bond			1.84000	243.89542	1.85000	243.44462			47,448,165,008,000.00	25,787,046,200	244,080,105,000
Total R202 SPOT									17,448,165,008,000.00	25,787,046,200	244,080,105,000
Total For R202									17,448,165,008,000.00	25,787,046,200	244,080,105,000
R2023 On 28/02/2023 Spot Bond			9.12500	95.13257	9.11000	95.18085			140,329,512,500,000.00	344,145,700,000	626,872,125,900
Total R2023 SPOT									10,329,512,500,000.00	344,145,700,000	626,872,125,900
Total For R2023									10,329,512,500,000.00	344,145,700,000	626,872,125,900
R203 On 15/09/2017 Spot Bond			7.99500	102.03525	7.97500	102.03769			673,307,439,675,000.00	84,216,065,000	807,100,190,100
Total R203 SPOT									7,307,439,675,000.00	84,216,065,000	307,100,190,100
Total For R203									7,307,439,675,000.00	84,216,065,000	307,100,190,100
R2030 On 31/01/2030 Spot Bond			9.74000	89.66654	9.74000	89.64311			121,056,380,000,000.00	320,437,000,000	843,133,589,000
Total R2030 SPOT									1,056,380,000,000.00	320,437,000,000	343,133,589,000
Total For R2030									1,056,380,000,000.00	320,437,000,000	343,133,589,000
R2032 On 31/03/2032 Spot Bond			9.85000	88.67685	9.85000	88.65356			951,268,400,000,000.00	401,144,000,000	494,024,800,000
Total R2032 SPOT									1,268,400,000,000.00	401,144,000,000	494,024,800,000
Total For R2032									1,268,400,000,000.00	401,144,000,000	494,024,800,000
R2035 On 28/02/2035 Spot Bond			9.89000	93.64532	9.89000	93.62089			083,946,625,000,000.00	210,712,500,000	613,701,634,800
Total R2035 SPOT									3,946,625,000,000.00	210,712,500,000	613,701,634,800
Total For R2035									3,946,625,000,000.00	210,712,500,000	613,701,634,800
R2037 On 31/01/2037 Spot Bond			9.96000	90.13421	9.96000	90.11014			452,867,000,000,000.00	447,075,000,000	843,279,000,000
Total R2037 SPOT									2,867,000,000,000.00	447,075,000,000	343,279,000,000
Total For R2037									2,867,000,000,000.00	447,075,000,000	343,279,000,000
R204 On 21/12/2018 Spot Bond			8.41000	102.62956	8.39000	102.65141			572,490,122,559,000.00	424,790,739,900	659,344,931,500
Total R204 SPOT									2,490,122,559,000.00	424,790,739,900	659,344,931,500
Total For R204									2,490,122,559,000.00	424,790,739,900	659,344,931,500
R2040 On 31/01/2040 Spot Bond			10.01500	93.86070	10.01500	93.83550			262,265,562,500,000.00	126,037,500,000	472,109,845,400
Total R2040 SPOT									2,265,562,500,000.00	126,037,500,000	472,109,845,400
Total For R2040									2,265,562,500,000.00	126,037,500,000	472,109,845,400
R2044 On 31/01/2044 Spot Bond			10.02500	91.04029	10.02500	91.01582			133,051,862,500,000.00	412,274,500,000	573,503,250,800
Total R2044 SPOT									3,051,862,500,000.00	412,274,500,000	573,503,250,800
Total For R2044									3,051,862,500,000.00	412,274,500,000	573,503,250,800
R2048 On 28/02/2048 Spot Bond			10.02500	90.04792	10.02500	90.02412			030,242,542,500,000.00	801,021,700,000	771,550,942,400

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total R2048 SPOT									10,242,542,500,000.00	801,021,700,000	771,550,942,400
Total For R2048									10,242,542,500,000.00	801,021,700,000	771,550,942,400
R207 On 15/01/2020 Spot Bond			8.72500	98.23781	8.70500	98.27412			686,559,055,000,000.00	766,367,800,000	898,613,595,200
Total R207 SPOT									16,559,055,000,000.00	766,367,800,000	398,613,595,200
Total For R207									16,559,055,000,000.00	766,367,800,000	398,613,595,200
R208 On 31/03/2021 Spot Bond			8.86500	92.96043	8.85000	92.99345			720,422,586,570,500.00	194,069,101,700	653,183,612,100
Total R208 SPOT									10,422,586,570,500.00	194,069,101,700	653,183,612,100
Total For R208									10,422,586,570,500.00	194,069,101,700	653,183,612,100
R209 On 31/03/2036 Spot Bond			9.84000	69.98867	9.83500	70.00293			562,591,104,560,000.00	158,799,909,000	1,034,107,154,100
Total R209 SPOT									12,591,104,560,000.00	158,799,909,000	1,034,107,154,100
Total For R209									12,591,104,560,000.00	158,799,909,000	1,034,107,154,100
R210 On 31/03/2028 Spot Bond			1.80500	184.33647	1.81000	184.15368			19,096,900,000,000.00	10,580,000,000	116,641,470,000
Total R210 SPOT									19,096,900,000,000.00	10,580,000,000	116,641,470,000
Total For R210									19,096,900,000,000.00	10,580,000,000	116,641,470,000
R211 On 31/01/2017 Spot Bond			0.75000	139.59599	0.75000	139.53273			0.00	0	158,579,000,000
Total R211 SPOT									0.00	0	158,579,000,000
Total For R211									0.00	0	158,579,000,000
R212 On 31/01/2022 Spot Bond			1.70000	145.53775	1.70000	145.46802			1,394,000,000,000.00	820,000,000	172,286,267,000
Total R212 SPOT									1,394,000,000,000.00	820,000,000	172,286,267,000
Total For R212									1,394,000,000,000.00	820,000,000	172,286,267,000
R213 On 28/02/2031 Spot Bond			9.78000	80.28588	9.77000	80.33028			726,926,260,530,000.00	74,327,838,500	670,524,102,400
Total R213 SPOT									16,926,260,530,000.00	74,327,838,500	670,524,102,400
Total For R213									16,926,260,530,000.00	74,327,838,500	670,524,102,400
R214 On 28/02/2041 Spot Bond			9.95000	70.09455	9.95000	70.07615			685,881,031,765,000.00	370,440,304,700	760,328,972,000
Total R214 SPOT									15,881,031,765,000.00	370,440,304,700	760,328,972,000
Total For R214									15,881,031,765,000.00	370,440,304,700	760,328,972,000
R230C On 15/09/2016 Spot Bond			7.27000	97.93237	7.27000	97.91327			0.00	0	0
Total R230C SPOT									0.00	0	0
Total For R230C									0.00	0	0
R329C On 21/06/2016 Spot Bond			7.26000	99.60377	7.26000	99.58404			0.00	0	0
Total R329C SPOT									0.00	0	0
Total For R329C									0.00	0	0
R330C On 21/12/2016 Spot Bond			7.32000	96.09099	7.32000	96.07211			0.00	0	0
Total R330C SPOT									0.00	0	0
Total For R330C									0.00	0	0
R331C On 21/06/2017 Spot Bond			7.95000	92.10686	7.95000	92.08724			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total R331C SPOT										0.00	0	0
Total For R331C										0.00	0	0
R332C On 21/12/2017 Spot Bond			8.00000	88.51939	8.00000	88.50042				0.00	0	0
Total R332C SPOT										0.00	0	0
Total For R332C										0.00	0	0
R333C On 21/06/2018 Spot Bond			8.39500	84.45380	8.39500	84.43482				0.00	0	0
Total R333C SPOT										0.00	0	0
Total For R333C										0.00	0	0
R334C On 21/12/2018 Spot Bond			8.37500	81.09141	8.37500	81.07323				0.00	0	0
Total R334C SPOT										0.00	0	0
Total For R334C										0.00	0	0
R335C On 21/06/2019 Spot Bond			8.35500	77.87784	8.35500	77.86043				0.00	0	0
Total R335C SPOT										0.00	0	0
Total For R335C										0.00	0	0
R336C On 21/12/2019 Spot Bond			8.34500	74.78047	8.34500	74.76376				0.00	0	0
Total R336C SPOT										0.00	0	0
Total For R336C										0.00	0	0
R337C On 21/06/2020 Spot Bond			8.66500	70.89735	8.66500	70.88092				0.00	0	0
Total R337C SPOT										0.00	0	0
Total For R337C										0.00	0	0
R338C On 21/12/2020 Spot Bond			8.64500	68.01264	8.64500	67.99691				0.00	0	0
Total R338C SPOT										0.00	0	0
Total For R338C										0.00	0	0
R339C On 21/06/2021 Spot Bond			8.77000	64.80106	8.77000	64.78586				0.00	0	0
Total R339C SPOT										0.00	0	0
Total For R339C										0.00	0	0
R340C On 21/12/2021 Spot Bond			8.74000	62.17809	8.74000	62.16356				0.00	0	0
Total R340C SPOT										0.00	0	0
Total For R340C										0.00	0	0
R341C On 21/06/2022 Spot Bond			8.71000	59.67845	8.71000	59.66455				0.00	0	0
Total R341C SPOT										0.00	0	0
Total For R341C										0.00	0	0
R342C On 21/12/2022 Spot Bond			8.68000	57.29579	8.68000	57.28249				0.00	0	0
Total R342C SPOT										0.00	0	0
Total For R342C										0.00	0	0
R343C On 21/06/2023 Spot Bond			8.64000	55.06131	8.64000	55.04858				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total R343C SPOT										0.00	0	0
Total For R343C										0.00	0	0
R344C On 21/12/2023 Spot Bond			8.60000	52.93429	8.60000	52.92211				0.00	0	0
Total R344C SPOT										0.00	0	0
Total For R344C										0.00	0	0
R345C On 21/06/2024 Spot Bond			9.30000	48.08559	9.30000	48.07365				0.00	0	0
Total R345C SPOT										0.00	0	0
Total For R345C										0.00	0	0
R346C On 21/12/2024 Spot Bond			9.26000	46.09947	9.26000	46.08807				0.00	0	0
Total R346C SPOT										0.00	0	0
Total For R346C										0.00	0	0
R347C On 21/06/2025 Spot Bond			9.22000	44.21231	9.22000	44.20142				0.00	0	0
Total R347C SPOT										0.00	0	0
Total For R347C										0.00	0	0
R348C On 21/12/2025 Spot Bond			9.18000	42.41865	9.18000	42.40825				0.00	0	0
Total R348C SPOT										0.00	0	0
Total For R348C										0.00	0	0
R349C On 21/06/2026 Spot Bond			9.14000	40.71335	9.14000	40.70341				0.00	0	0
Total R349C SPOT										0.00	0	0
Total For R349C										0.00	0	0
R350C On 21/12/2026 Spot Bond			9.10000	39.09159	9.10000	39.08208				0.00	0	0
Total R350C SPOT										0.00	0	0
Total For R350C										0.00	0	0
R351C On 21/06/2027 Spot Bond			9.06000	37.54882	9.06000	37.53973				0.00	0	0
Total R351C SPOT										0.00	0	0
Total For R351C										0.00	0	0
R352C On 21/12/2027 Spot Bond			9.02000	36.08077	9.02000	36.07207				0.00	0	0
Total R352C SPOT										0.00	0	0
Total For R352C										0.00	0	0
RCSB0 On 15/07/2016 Spot Bond				100.00000	0.00000	101.56414				0.00	0	0
Total RCSB03 SPOT										0.00	0	0
Total For RCSB03										0.00	0	0
RCSB0 On 12/04/2018 Spot Bond				100.00000	0.00000	102.88873				0.00	0	0
Total RCSB05 SPOT										0.00	0	0
Total For RCSB05										0.00	0	0
RCSB0 On 17/01/2017 Spot Bond				100.00000	0.00000	102.38665				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total RCSB06 SPOT									0.00	0	0
Total For RCSB06									0.00	0	0
RCSB0 On 10/12/2017 Spot Bond				100.00000	0.00000	102.16004			0.00	800,000,000	200,000,000
Total RCSB07 SPOT									0.00	800,000,000	200,000,000
Total For RCSB07									0.00	800,000,000	200,000,000
RCSB1 On 30/04/2017 Spot Bond			100.00000	59.07662	100.00000	58.93349			0.00	0	0
Total RCSB1U SPOT									0.00	0	0
Total For RCSB1U									0.00	0	0
RCSB2 On 24/07/2017 Spot Bond			100.00000	35.96813	100.00000	35.88004			0.00	0	0
Total RCSB2U SPOT									0.00	0	0
Total For RCSB2U									0.00	0	0
RCSB3 On 17/03/2017 Spot Bond			100.00000	66.97694	100.00000	66.81469			0.00	0	0
Total RCSB3U SPOT									0.00	0	0
Total For RCSB3U									0.00	0	0
RCSB5 On 10/12/2016 Spot Bond			100.00000	67.50191	100.00000	67.33838			0.00	0	0
Total RCSB5U SPOT									0.00	0	0
Total For RCSB5U									0.00	0	0
RCSB6 On 31/03/2018 Spot Bond			100.00000	32.42676	100.00000	32.34734		200,000,000,000,000.00	2,000,000,000	500,000,000	
Total RCSB6U SPOT								10,000,000,000,000.00	2,000,000,000	500,000,000	
Total For RCSB6U								10,000,000,000,000.00	2,000,000,000	500,000,000	
RDF011 On 04/09/2017 Spot Bond			100.00000	42.83366	100.00000	42.72320			0.00	0	0
Total RDF01U SPOT									0.00	0	0
Total For RDF01U									0.00	0	0
RDF021 On 04/12/2020 Spot Bond			100.00000	8.62120	100.00000	8.59704			0.00	0	0
Total RDF02U SPOT									0.00	0	0
Total For RDF02U									0.00	0	0
RDF031 On 04/04/2018 Spot Bond			100.00000	29.38646	100.00000	29.31069			0.00	0	0
Total RDF03U SPOT									0.00	0	0
Total For RDF03U									0.00	0	0
RDF041 On 04/10/2018 Spot Bond			100.00000	21.12454	100.00000	21.07007			0.00	0	0
Total RDF04U SPOT									0.00	0	0
Total For RDF04U									0.00	0	0
RDF051 On 04/12/2019 Spot Bond			100.00000	10.94361	100.00000	10.91539			0.00	0	0
Total RDF05U SPOT									0.00	0	0
Total For RDF05U									0.00	0	0
RDFB0 On 11/03/2018 Spot Bond			100.00000		0.00000	101.91591			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total RDFB02 SPOT										0.00	0	0
Total For RDFB02										0.00	0	0
RDFB0 On 27/11/2017 Spot Bond				100.00000	0.00000	100.40195				0.00	1,600,000,000	400,000,000
Total RDFB04 SPOT										0.00	1,600,000,000	400,000,000
Total For RDFB04										0.00	1,600,000,000	400,000,000
RDFB0 On 27/11/2019 Spot Bond				100.00000	0.00000	100.09514				0.00	50,000,000	50,000,000
Total RDFB05 SPOT										0.00	50,000,000	50,000,000
Total For RDFB05										0.00	50,000,000	50,000,000
RDFB0 On 22/03/2019 Spot Bond				100.00000	0.00000	101.76815				0.00	600,000,000	200,000,000
Total RDFB06 SPOT										0.00	600,000,000	200,000,000
Total For RDFB06										0.00	600,000,000	200,000,000
RDFC2 On 27/07/2016 Spot Bond				100.00000	0.00000	100.76644				0.00	0	0
Total RDFC25 SPOT										0.00	0	0
Total For RDFC25										0.00	0	0
RDFC2 On 05/10/2016 Spot Bond				100.00000	0.00000	101.26966				0.00	0	0
Total RDFC26 SPOT										0.00	0	0
Total For RDFC26										0.00	0	0
RDFC2 On 02/06/2016 Spot Bond				100.00000	0.00000	99.95543				0.00	0	0
Total RDFC27 SPOT										0.00	0	0
Total For RDFC27										0.00	0	0
RDFC2 On 02/12/2016 Spot Bond				100.00000	0.00000	99.95741				0.00	0	0
Total RDFC28 SPOT										0.00	0	0
Total For RDFC28										0.00	0	0
RDFC3 On 23/03/2017 Spot Bond				100.00000	0.00000	101.60181				0.00	0	0
Total RDFC30 SPOT										0.00	0	0
Total For RDFC30										0.00	0	0
REB01 On 21/05/2018 Spot Bond				100.00000	0.00000	100.20040				0.00	0	0
Total REB01 SPOT										0.00	0	0
Total For REB01										0.00	0	0
REBC0 On 20/07/2016 Spot Bond				100.00000	0.00000	100.98734				0.00	0	0
Total REBC02 SPOT										0.00	0	0
Total For REBC02										0.00	0	0
REBC0 On 21/11/2016 Spot Bond				100.00000	0.00000	100.18735				0.00	0	0
Total REBC03 SPOT										0.00	0	0
Total For REBC03										0.00	0	0
RED10 On 13/06/2017 Spot Bond				100.00000	0.00000	102.35612				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total RED101 SPOT										0.00	0	0
Total For RED101										0.00	0	0
RED20 On 05/07/2018 Spot Bond				100.00000	0.00000	101.80158				0.00	0	0
Total RED201 SPOT										0.00	0	0
Total For RED201										0.00	0	0
RES011 On 02/03/2018 Spot Bond			100.00000	31.74502	100.00000	31.66812				0.00	0	0
Total RES01U SPOT										0.00	0	0
Total For RES01U										0.00	0	0
RES021 On 02/03/2019 Spot Bond			100.00000	17.52345	100.00000	17.48100				0.00	0	0
Total RES02U SPOT										0.00	0	0
Total For RES02U										0.00	0	0
RES031 On 02/03/2020 Spot Bond			100.00000	11.73091	100.00000	11.70249				0.00	0	0
Total RES03U SPOT										0.00	0	0
Total For RES03U										0.00	0	0
RES041 On 02/03/2021 Spot Bond			100.00000	9.43801	100.00000	9.41514				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	100.91351				0.00	100,000,000	100,000,000
Total RES15 SPOT										0.00	100,000,000	100,000,000
Total For RES15										0.00	100,000,000	100,000,000
RES18 On 05/02/2018 Spot Bond			100.00000		0.00000	100.64832				0.00	0	0
Total RES18 SPOT										0.00	0	0
Total For RES18										0.00	0	0
RES24 On 09/09/2016 Spot Bond			100.00000		0.00000	102.01852				0.00	0	0
Total RES24 SPOT										0.00	0	0
Total For RES24										0.00	0	0
RES27 On 21/10/2016 Spot Bond			100.00000		0.00000	101.24190				0.00	0	0
Total RES27 SPOT										0.00	0	0
Total For RES27										0.00	0	0
RES29 On 28/11/2016 Spot Bond			100.00000		0.00000	100.14258				0.00	0	0
Total RES29 SPOT										0.00	0	0
Total For RES29										0.00	0	0
RES30 On 07/03/2021 Spot Bond			100.00000		0.00000	102.04217				0.00	0	0
Total RES30 SPOT										0.00	0	0
Total For RES30										0.00	0	0
RES32 On 20/10/2017 Spot Bond			100.00000		0.00000	101.23018				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total RES32 SPOT										0.00	0	0
Total For RES32										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
RP005 On 31/03/2017 Spot Bond				100.00000	0.00000	92.31181				0.00	0	0
Total RP005 SPOT										0.00	0	0
Total For RP005										0.00	0	0
RP013 On 27/09/2016 Spot Bond				100.00000	0.00000	102.11299				0.00	0	0
Total RP013 SPOT										0.00	0	0
Total For RP013										0.00	0	0
RP014 On 27/09/2019 Spot Bond				100.00000	0.00000	87.51000				0.00	0	0
Total RP014 SPOT										0.00	0	0
Total For RP014										0.00	0	0
RP018 On 12/02/2020 Spot Bond			12.35000	105.60615	12.35000	105.57139				0.00	0	0
Total RP018 SPOT										0.00	0	0
Total For RP018										0.00	0	0
RP020 On 12/02/2020 Spot Bond			100.00000	16.40361	100.00000	16.36388				0.00	0	0
Total RP020 SPOT										0.00	0	0
Total For RP020										0.00	0	0
RP026 On 13/06/2016 Spot Bond				100.00000	0.00000	102.78220				0.00	0	0
Total RP026 SPOT										0.00	0	0
Total For RP026										0.00	0	0
RPP01U On 31/08/2018 Spot Bond			100.00000	13.48634	100.00000	13.45402				0.00	0	0
Total RPP01U SPOT										0.00	0	0
Total For RPP01U										0.00	0	0
RPP04U On 07/10/2016 Spot Bond			100.00000	91.00000	100.00000	90.77307				0.00	0	0
Total RPP04U SPOT										0.00	0	0
Total For RPP04U										0.00	0	0
RPP08U On 30/04/2020 Spot Bond			100.00000	16.29306	100.00000	16.23358				0.00	0	0
Total RPP08U SPOT										0.00	0	0
Total For RPP08U										0.00	0	0
RPP09U On 21/11/2016 Spot Bond			100.00000	83.99702	100.00000	83.81036				0.00	0	0
Total RPP09U SPOT										0.00	0	0
Total For RPP09U										0.00	0	0
RPS00U On 16/11/2022 Spot Bond				100.00000	0.00000	100.68670				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total RPS001 SPOT									0.00	0	0
Total For RPS001									0.00	0	0
RPS001 On 30/04/2025 Spot Bond				100.00000	0.00000	60.98419			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			10.35000	99.66556	10.35000	99.63808			0.00	0	0
Total RW21 SPOT									0.00	0	0
Total For RW21									0.00	0	0
RW23 On 10/12/2023 Spot Bond			10.84000	93.04753	10.84000	93.02069			0.00	0	0
Total RW23 SPOT									0.00	0	0
Total For RW23									0.00	0	0
RW28 On 10/12/2028 Spot Bond			11.32000	92.65003	11.32000	92.62217			0.00	0	0
Total RW28 SPOT									0.00	0	0
Total For RW28									0.00	0	0
SBK12 On 24/11/2016 Spot Bond			8.64000	101.19411	8.64000	101.17113		864,000,000,000.00	100,000,000	50,000,000	
Total SBK12 SPOT								864,000,000,000.00	100,000,000	50,000,000	
Total For SBK12								864,000,000,000.00	100,000,000	50,000,000	
SBK12/ On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900		0.00	0	0	
Total SBK12/R157 SPOT								0.00	0	0	
Total For SBK12/R157								0.00	0	0	
SBK13 On 24/11/2016 Spot Bond				100.00000	0.00000	100.51078		0.00	60,000,000	20,000,000	
Total SBK13 SPOT								0.00	60,000,000	20,000,000	
Total For SBK13								0.00	60,000,000	20,000,000	
SBK14 On 01/12/2017 Spot Bond			10.07500	99.43532	10.07500	99.40862		0.00	0	80,000,000	
Total SBK14 SPOT								0.00	0	80,000,000	
Total For SBK14								0.00	0	80,000,000	
SBK15 On 23/01/2022 Spot Bond				100.00000	0.00000	101.23821		0.00	0	0	
Total SBK15 SPOT								0.00	0	0	
Total For SBK15								0.00	0	0	
SBK16 On 15/03/2023 Spot Bond				100.00000	0.00000	101.44032		0.00	0	96,881,500	
Total SBK16 SPOT								0.00	0	96,881,500	
Total For SBK16								0.00	0	96,881,500	
SBK17 On 30/07/2024 Spot Bond				100.00000	0.00000	99.80602		0.00	0	625,169,000	
Total SBK17 SPOT								0.00	0	625,169,000	
Total For SBK17								0.00	0	625,169,000	
SBK18 On 24/10/2020 Spot Bond				100.00000	0.00000	98.88990		0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SBK18 SPOT										0.00	0	0
Total For SBK18										0.00	0	0
SBK19 On 24/10/2019 Spot Bond				100.00000	0.00000	100.94519				0.00	0	0
Total SBK19 SPOT										0.00	0	0
Total For SBK19										0.00	0	0
SBK20 On 02/12/2024 Spot Bond				100.00000	0.00000	101.09220				0.00	0	56,127,900
Total SBK20 SPOT										0.00	0	56,127,900
Total For SBK20										0.00	0	56,127,900
SBK21 On 28/01/2025 Spot Bond				100.00000	0.00000	100.67008				0.00	0	0
Total SBK21 SPOT										0.00	0	0
Total For SBK21										0.00	0	0
SBK22 On 28/05/2025 Spot Bond				100.00000	0.00000	100.18628				0.00	0	0
Total SBK22 SPOT										0.00	0	0
Total For SBK22										0.00	0	0
SBK23 On 28/05/2022 Spot Bond			12.71000	95.39943	12.71000	95.36749				0.00	0	2,205,000,000
Total SBK23 SPOT										0.00	0	2,205,000,000
Total For SBK23										0.00	0	2,205,000,000
SBK24 On 19/10/2025 Spot Bond				100.00000	0.00000	100.63572				0.00	0	40,000,000
Total SBK24 SPOT										0.00	0	40,000,000
Total For SBK24										0.00	0	40,000,000
SBK25 On 25/04/2026 Spot Bond				100.00000	0.00000	101.11944				0.00	0	0
Total SBK25 SPOT										0.00	0	0
Total For SBK25										0.00	0	0
SBK26 On 25/04/2021 Spot Bond			12.59000	99.99272	12.59000	99.95937				0.00	0	0
Total SBK26 SPOT										0.00	0	0
Total For SBK26										0.00	0	0
SBK9 On 10/04/2018 Spot Bond			10.14000	98.29169	10.14000	98.26513				0.00	0	2,460,000,000
Total SBK9 SPOT										0.00	0	2,460,000,000
Total For SBK9										0.00	0	2,460,000,000
SBN33 On 15/09/2017 Spot Bond			9.37500	100.38984	9.37500	100.36486				0.00	0	128,000,000
Total SBN33 SPOT										0.00	0	128,000,000
Total For SBN33										0.00	0	128,000,000
SBN45 On 15/09/2017 Spot Bond				100.00000	0.00000	102.10719				0.00	0	0
Total SBN45 SPOT										0.00	0	0
Total For SBN45										0.00	0	0
SBN51 On 03/10/2016 Spot Bond				100.00000	0.00000	101.41629				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total SBN51 SPOT									0.00	0	0
Total For SBN51									0.00	0	0
SBS13 On 22/09/2017 Spot Bond			8.89500	101.70026	8.89500	101.67621			1,779,000,000,000.00	200,000,000	100,000,000
Total SBS13 SPOT									1,779,000,000,000.00	200,000,000	100,000,000
Total For SBS13									1,779,000,000,000.00	200,000,000	100,000,000
SBS16 On 22/09/2018 Spot Bond				100.00000	0.00000	102.09613			0.00	0	0
Total SBS16 SPOT									0.00	0	0
Total For SBS16									0.00	0	0
SBS18 On 23/06/2018 Spot Bond				100.00000	0.00000	102.49630			0.00	90,000,000	90,000,000
Total SBS18 SPOT									0.00	90,000,000	90,000,000
Total For SBS18									0.00	90,000,000	90,000,000
SBS19 On 23/06/2021 Spot Bond			10.59000	102.88930	10.59000	102.86030			6,883,500,000,000.00	650,000,000	730,000,000
Total SBS19 SPOT									6,883,500,000,000.00	650,000,000	730,000,000
Total For SBS19									6,883,500,000,000.00	650,000,000	730,000,000
SBS20 On 15/05/2026 Spot Bond			11.26000	93.31840	11.26000	93.29063			6,981,200,000,000.00	620,000,000	310,000,000
Total SBS20 SPOT									6,981,200,000,000.00	620,000,000	310,000,000
Total For SBS20									6,981,200,000,000.00	620,000,000	310,000,000
SBS21 On 15/05/2026 Spot Bond				100.00000	0.00000	100.39334			0.00	0	0
Total SBS21 SPOT									0.00	0	0
Total For SBS21									0.00	0	0
SBS23 On 23/05/2017 Spot Bond				100.00000	0.00000	100.64724			0.00	606,300,000	202,100,000
Total SBS23 SPOT									0.00	606,300,000	202,100,000
Total For SBS23									0.00	606,300,000	202,100,000
SBS24 On 24/05/2019 Spot Bond				100.00000	0.00000	100.73757			0.00	0	0
Total SBS24 SPOT									0.00	0	0
Total For SBS24									0.00	0	0
SBS25 On 24/05/2019 Spot Bond			9.55000	98.46126	9.55000	98.43630			0.00	0	410,000,000
Total SBS25 SPOT									0.00	0	410,000,000
Total For SBS25									0.00	0	410,000,000
SBS26 On 28/02/2017 Spot Bond			100.00000	54.79813	100.00000	54.67618			0.00	0	0
Total SBS26U SPOT									0.00	0	0
Total For SBS26U									0.00	0	0
SBS27 On 20/02/2024 Spot Bond			11.01000	98.30680	11.01000	98.27787			0.00	0	620,000,000
Total SBS27 SPOT									0.00	0	620,000,000
Total For SBS27									0.00	0	620,000,000
SBS28 On 23/04/2017 Spot Bond				100.00000	0.00000	100.73479			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total SBS28 SPOT									0.00	0	0
Total For SBS28									0.00	0	0
SBS29 On 12/06/2019 Spot Bond			9.69000	101.50544	9.69000	101.47920			0.00	0	170,000,000
Total SBS29 SPOT									0.00	0	170,000,000
Total For SBS29									0.00	0	170,000,000
SBS3 On 25/05/2026 Spot Bond			11.27000	82.03078	11.27000	82.00634			0.00	0	0
Total SBS3 SPOT									0.00	0	0
Total For SBS3									0.00	0	0
SBS30 On 12/06/2019 Spot Bond				100.00000	0.00000	100.83885			0.00	0	0
Total SBS30 SPOT									0.00	0	0
Total For SBS30									0.00	0	0
SBS31 On 27/06/2027 Spot Bond			11.46000	94.25036	11.46000	94.22168			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	101.42349			0.00	0	0
Total SBS32 SPOT									0.00	0	0
Total For SBS32									0.00	0	0
SBS33 On 19/09/2019 Spot Bond				100.00000	0.00000	101.64460			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			11.16000	96.35676	11.16000	96.32833			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	100.97056			0.00	1,426,560,600	1,426,560,600
Total SBS35 SPOT									0.00	1,426,560,600	1,426,560,600
Total For SBS35									0.00	1,426,560,600	1,426,560,600
SBS36 On 29/01/2020 Spot Bond				100.00000	0.00000	100.69625			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			9.98000	96.67268	9.98000	96.64682			0.00	0	2,223,383,000
Total SBS37 SPOT									0.00	0	2,223,383,000
Total For SBS37									0.00	0	2,223,383,000
SBS38 On 29/01/2025 Spot Bond			11.19000	91.61289	11.19000	91.58550		7,609,200,000,000.00	680,000,000	340,000,000	
Total SBS38 SPOT								7,609,200,000,000.00	680,000,000	340,000,000	
Total For SBS38								7,609,200,000,000.00	680,000,000	340,000,000	
SBS39 On 29/01/2030 Spot Bond			12.02000	87.96077	12.02000	87.93257		3,606,000,000,000.00	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 SBS39 SPOT									3,606,000,000,000.00	300,000,000	150,000,000
Total For SBS39									3,606,000,000,000.00	300,000,000	150,000,000
SBS4 On 16/11/2021 Spot Bond			10.62000	92.15915	10.62000	92.13323			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	100.25256			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			10.75000	97.01428	10.75000	96.98668			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			11.44000	96.01616	11.44000	95.98714			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			11.61000	95.63878	11.61000	95.60945			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	100.36118			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	100.37117			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			10.63000	103.19138	10.63000	103.16203			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	100.37882			0.00	0	0
Total SBS47 SPOT									0.00	0	0
Total For SBS47									0.00	0	0
SBS9 On 07/07/2016 Spot Bond			7.79000	104.90399	7.79000	104.88178			0.00	0	332,400,000
Total SBS9 SPOT									0.00	0	332,400,000
Total For SBS9									0.00	0	332,400,000
SBS11 On 07/12/2023 Spot Bond			2.96000	116.91539	2.96000	271.52882			0.00	0	405,253,800
Total SBS11 SPOT									0.00	0	405,253,800
Total For SBS11									0.00	0	405,253,800
SBS12 On 31/01/2017 Spot Bond			1.72000	137.39364	1.72000	138.64580		155,563,336,000.00		90,443,800	215,221,900

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total SBSI12 SPOT									155,563,336,000.00	90,443,800	215,221,900
Total For SBSI12									155,563,336,000.00	90,443,800	215,221,900
SBSI14 On 07/12/2033 Spot Bond			3.40000	196.80433	3.40000	197.83234			0.00	0	0
Total SBSI14 SPOT									0.00	0	0
Total For SBSI14									0.00	0	0
SCM10 On 15/09/2017 Spot Bond			100.00000	47.10908	100.00000	46.99496			0.00	0	0
Total SCM10U SPOT									0.00	0	0
Total For SCM10U									0.00	0	0
SF2A2L On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total SF2A2U SPOT									0.00	0	0
Total For SF2A2U									0.00	0	0
SF2BU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total SF2BU SPOT									0.00	0	0
Total For SF2BU									0.00	0	0
SF2CU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total SF2CU SPOT									0.00	0	0
Total For SF2CU									0.00	0	0
SF2DU On 11/02/2045 Spot Bond			100.00000		100.00000	0.00000			0.00	0	0
Total SF2DU SPOT									0.00	0	0
Total For SF2DU									0.00	0	0
SGI004 On 20/01/2021 Spot Bond				100.00000	0.00000	101.74842			0.00	0	0
Total SGI004 SPOT									0.00	0	0
Total For SGI004									0.00	0	0
SHF01 On 15/12/2016 Spot Bond			100.00000	61.86326	100.00000	61.71339			0.00	0	0
Total SHF01 SPOT									0.00	0	0
Total For SHF01									0.00	0	0
SHI02 On 01/10/2021 Spot Bond				177.41058	0.00000	82.63494			0.00	0	0
Total SHI02 SPOT									0.00	0	0
Total For SHI02									0.00	0	0
SHI05 On 31/01/2017 Spot Bond			2.40000	123.10906	2.40000	138.02995			0.00	0	0
Total SHI05 SPOT									0.00	0	0
Total For SHI05									0.00	0	0
SHPCB On 03/04/2017 Spot Bond			6.50000	101.03648	6.50000	101.01883			0.00	0	0
Total SHPCBU SPOT									0.00	0	0
Total For SHPCBU									0.00	0	0
SHS01 On 15/12/2016 Spot Bond				100.00000	0.00000	102.43982			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total SHS01 SPOT									0.00	0	0
Total For SHS01									0.00	0	0
SHS04 On 29/06/2017 Spot Bond				100.00000	0.00000	102.59826			0.00	540,000,000	180,000,000
Total SHS04 SPOT									0.00	540,000,000	180,000,000
Total For SHS04									0.00	540,000,000	180,000,000
SHS05 On 29/06/2017 Spot Bond			9.47500	102.96663	9.47500	102.94059			0.00	0	10,000,000,000
Total SHS05 SPOT									0.00	0	10,000,000,000
Total For SHS05									0.00	0	10,000,000,000
SHS05/On 29/06/2017 Spot Bond			8.75000	103.69340	8.75000	103.66914			0.00	0	0
Total SHS05/R203 SPOT									0.00	0	0
Total For SHS05/R203									0.00	0	0
SHS06 On 12/12/2017 Spot Bond				100.00000	0.00000	103.03582			0.00	0	56,800,000
Total SHS06 SPOT									0.00	0	56,800,000
Total For SHS06									0.00	0	56,800,000
SHS11L On 19/11/2016 Spot Bond			100.00000	82.32662	100.00000	82.14286			0.00	0	0
Total SHS11U SPOT									0.00	0	0
Total For SHS11U									0.00	0	0
SHS11L On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900			0.00	0	0
Total SHS11U/JIBAR SPOT									0.00	0	0
Total For SHS11U/JIBAR									0.00	0	0
SHS12 On 12/12/2016 Spot Bond				100.00000	0.00000	101.84506			0.00	0	0
Total SHS12 SPOT									0.00	0	0
Total For SHS12									0.00	0	0
SHS14 On 17/06/2017 Spot Bond				100.00000	0.00000	101.77451			0.00	0	0
Total SHS14 SPOT									0.00	0	0
Total For SHS14									0.00	0	0
SHS16L On 29/06/2016 Spot Bond			100.00000	92.87532	100.00000	92.63959			0.00	0	0
Total SHS16U SPOT									0.00	0	0
Total For SHS16U									0.00	0	0
SHS17L On 30/09/2016 Spot Bond			100.00000	95.14584	100.00000	94.90678			0.00	0	0
Total SHS17U SPOT									0.00	0	0
Total For SHS17U									0.00	0	0
SHS18L On 30/11/2016 Spot Bond			100.00000	82.00153	100.00000	81.82287			0.00	0	0
Total SHS18U SPOT									0.00	0	0
Total For SHS18U									0.00	0	0
SHS19 On 10/09/2017 Spot Bond			9.57500	102.94867	9.57500	102.92250			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
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	100.66577				0.00	0	0
Total SHS22 SPOT										0.00	0	0
Total For SHS22										0.00	0	0
SHS23 On 29/06/2018 Spot Bond				100.00000	0.00000	101.53909				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	101.59037				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			10.75000	101.17276	10.75000	101.14382				0.00	0	156,000,000
Total SHS25 SPOT										0.00	0	156,000,000
Total For SHS25										0.00	0	156,000,000
SHS26 On 29/06/2020 Spot Bond				100.00000	0.00000	101.59037				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	101.86918				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	17.94026	100.00000	17.89679				0.00	0	0
Total SHS29U SPOT										0.00	0	0
Total For SHS29U										0.00	0	0
SLI2 On 15/08/2016 Spot Bond			8.69000	102.98115	8.69000	102.95707			3,823,600,000,000.00		440,000,000	1,140,000,000
Total SLI2 SPOT									3,823,600,000,000.00		440,000,000	1,140,000,000
Total For SLI2									3,823,600,000,000.00		440,000,000	1,140,000,000
SLI3 On 15/08/2018 Spot Bond			10.19000	99.65232	10.19000	99.62511				0.00	0	0
Total SLI3 SPOT										0.00	0	0
Total For SLI3										0.00	0	0
SNT01 On 15/09/2017 Spot Bond			9.37500	100.38984	9.37500	100.36486				0.00	0	3,770,000,000
Total SNT01 SPOT										0.00	0	3,770,000,000
Total For SNT01										0.00	0	3,770,000,000
SNT02 On 12/04/2021 Spot Bond				100.00000	0.00000	101.30553				0.00	0	0
Total SNT02 SPOT										0.00	0	0
Total For SNT02										0.00	0	0
SNT03 On 12/04/2023 Spot Bond			11.81000	45.49643	11.81000	101.35816				0.00	0	1,500,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SNT03 SPOT										0.00	0	1,500,000,000
Total For SNT03										0.00	0	1,500,000,000
SPDA2 On 21/08/2016 Spot Bond				100.00000	0.00000	100.19056				0.00	0	0
Total SPDA2 SPOT										0.00	0	0
Total For SPDA2										0.00	0	0
SPDA4 On 21/08/2017 Spot Bond				100.00000	0.00000	100.42152				0.00	0	0
Total SPDA4 SPOT										0.00	0	0
Total For SPDA4										0.00	0	0
SPDA5 On 21/08/2024 Spot Bond				100.00000	0.00000	100.18740				0.00	0	0
Total SPDA5 SPOT										0.00	0	0
Total For SPDA5										0.00	0	0
SPDA6 On 21/08/2024 Spot Bond				100.00000	0.00000	100.19171				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	5.67052	100.00000	5.65090			040,000,000,000,000.00	20,400,000,000	31,000,000,000	
Total SPDA7 SPOT									10,000,000,000,000.00	20,400,000,000	31,000,000,000	
Total For SPDA7									10,000,000,000,000.00	20,400,000,000	31,000,000,000	
SPDA8 On 21/08/2021 Spot Bond			100.00000	1.00923	100.00000	1.00574			800,000,000,000,000.00	88,000,000,000	91,000,000,000	
Total SPDA8 SPOT									10,000,000,000,000.00	88,000,000,000	91,000,000,000	
Total For SPDA8									10,000,000,000,000.00	88,000,000,000	91,000,000,000	
SPG00 On 31/10/2016 Spot Bond				100.00000	0.00000	100.62423			0.00	0	0	
Total SPG001 SPOT									0.00	0	0	
Total For SPG001									0.00	0	0	
SSA01 On 28/06/2016 Spot Bond			8.67500	104.14668	8.67500	104.12209			0.00	0	0	
Total SSA01 SPOT									0.00	0	0	
Total For SSA01									0.00	0	0	
SSA05 On 16/04/2018 Spot Bond				100.00000	0.00000	101.08351			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			10.52500	93.31320	10.52500	93.28705			0.00	0	4,000,000,000	
Total SSA06 SPOT									0.00	0	4,000,000,000	
Total For SSA06									0.00	0	4,000,000,000	
SSN00 On 01/03/2017 Spot Bond				100.00000	0.00000	99.97614			0.00	0	0	
Total SSN001 SPOT									0.00	0	0	
Total For SSN001									0.00	0	0	
SSN00 On 26/03/2017 Spot Bond				100.00000	0.00000	101.62522			0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SSN002 SPOT										0.00	0	0
Total For SSN002										0.00	0	0
SSN002 On 25/04/2017 Spot Bond				100.00000	0.00000	100.91596				0.00	0	0
Total SSN003 SPOT										0.00	0	0
Total For SSN003										0.00	0	0
SSN003 On 31/03/2021 Spot Bond			10.42000	87.46617	10.42000	87.44189				0.00	0	0
Total SSN004 SPOT										0.00	0	0
Total For SSN004										0.00	0	0
SSN004 On 31/03/2021 Spot Bond			10.42000	87.46617	10.42000	87.44189				0.00	0	0
Total SSN005 SPOT										0.00	0	0
Total For SSN005										0.00	0	0
SSN005 On 15/01/2020 Spot Bond			10.12500	94.19454	10.12500	94.16898				0.00	0	0
Total SSN007 SPOT										0.00	0	0
Total For SSN007										0.00	0	0
SSN007 On 18/06/2017 Spot Bond				100.00000	0.00000	101.85881				0.00	3,200,000,000	800,000,000
Total SSN008 SPOT										0.00	3,200,000,000	800,000,000
Total For SSN008										0.00	3,200,000,000	800,000,000
SSN008 On 15/09/2017 Spot Bond			8.85500	101.00534	8.85500	100.98157				0.00	0	0
Total SSN009 SPOT										0.00	0	0
Total For SSN009										0.00	0	0
SSN009 On 31/01/2025 Spot Bond			2.67000	117.26832	2.67000	117.65604				0.00	0	0
Total SSN011 SPOT										0.00	0	0
Total For SSN011										0.00	0	0
SSN011 On 21/12/2018 Spot Bond			9.61500	99.97092	9.61500	99.94527				0.00	0	0
Total SSN012 SPOT										0.00	0	0
Total For SSN012										0.00	0	0
SSN012 On 26/08/2018 Spot Bond			8.50000	100.12097	8.50000	100.11435				0.00	0	0
Total SSN015 SPOT										0.00	0	0
Total For SSN015										0.00	0	0
SSN015 On 21/12/2026 Spot Bond			11.38000	99.33349	11.38000	99.30346				0.00	0	0
Total SSN017 SPOT										0.00	0	0
Total For SSN017										0.00	0	0
SSN017 On 02/09/2016 Spot Bond				100.00000	0.00000	99.95680				0.00	0	0
Total SSN018 SPOT										0.00	0	0
Total For SSN018										0.00	0	0
SSN018 On 28/02/2031 Spot Bond			11.64000	69.40759	11.64000	69.38636				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SSN021 SPOT										0.00	0	0
Total For SSN021										0.00	0	0
SSN021 On 21/01/2019 Spot Bond				100.00000	0.00000	101.00000				0.00	0	0
Total SSN024 SPOT										0.00	0	0
Total For SSN024										0.00	0	0
SSN024 On 16/01/2019 Spot Bond				100.00000	0.00000	101.02329				0.00	0	0
Total SSN026 SPOT										0.00	0	0
Total For SSN026										0.00	0	0
SSN026 On 25/09/2019 Spot Bond				100.00000	0.00000	101.59953				0.00	0	0
Total SSN027 SPOT										0.00	0	0
Total For SSN027										0.00	0	0
SSN027 On 16/10/2019 Spot Bond				100.00000	0.00000	94.56381				0.00	0	0
Total SSN028 SPOT										0.00	0	0
Total For SSN028										0.00	0	0
SSN028 On 07/12/2023 Spot Bond				100.00000	0.00000	99.80783				0.00	0	0
Total SSN029 SPOT										0.00	0	0
Total For SSN029										0.00	0	0
SSN029 On 24/05/2017 Spot Bond				100.00000	0.00000	100.17381				0.00	0	0
Total SSN030 SPOT										0.00	0	0
Total For SSN030										0.00	0	0
SSN030 On 17/03/2020 Spot Bond				100.00000	0.00000	101.83749				0.00	0	0
Total SSN033 SPOT										0.00	0	0
Total For SSN033										0.00	0	0
SSN033 On 02/06/2020 Spot Bond				100.00000	0.00000	99.95193				0.00	0	0
Total SSN034 SPOT										0.00	0	0
Total For SSN034										0.00	0	0
SSN034 On 17/11/2020 Spot Bond				100.00000	0.00000	100.35830				0.00	0	0
Total SSN035 SPOT										0.00	0	0
Total For SSN035										0.00	0	0
SSN035 On 18/12/2020 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total SSN036 SPOT										0.00	0	0
Total For SSN036										0.00	0	0
SSN036 On 01/06/2021 Spot Bond			100.00000	1.54308	100.00000	100.00000				0.00	0	0
Total SSN037 SPOT										0.00	0	0
Total For SSN037										0.00	0	0
SY128 On 18/08/2016 Spot Bond				100.00000	0.00000	100.30170				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total SY1286 SPOT										0.00	0	0
Total For SY1286										0.00	0	0
SY1287 On 26/08/2016 Spot Bond				100.00000	0.00000	100.10831				0.00	0	0
Total SY1287 SPOT										0.00	0	0
Total For SY1287										0.00	0	0
SY129C On 10/06/2016 Spot Bond				100.00000	0.00000	99.79791				0.00	0	0
Total SY1290 SPOT										0.00	0	0
Total For SY1290										0.00	0	0
SY1291 On 17/06/2016 Spot Bond				100.00000	0.00000	99.65576				0.00	0	0
Total SY1291 SPOT										0.00	0	0
Total For SY1291										0.00	0	0
SY1297 On 19/07/2016 Spot Bond				100.00000	0.00000	98.98034				0.00	0	0
Total SY1297 SPOT										0.00	0	0
Total For SY1297										0.00	0	0
SY129E On 28/07/2016 Spot Bond				100.00000	0.00000	98.78394				0.00	0	0
Total SY1299 SPOT										0.00	0	0
Total For SY1299										0.00	0	0
SY130C On 03/06/2016 Spot Bond				100.00000	0.00000	99.93815				0.00	0	0
Total SY1300 SPOT										0.00	0	0
Total For SY1300										0.00	0	0
SY130E On 20/06/2016 Spot Bond				100.00000	0.00000	99.58907				0.00	0	0
Total SY1303 SPOT										0.00	0	0
Total For SY1303										0.00	0	0
SY1304 On 27/06/2016 Spot Bond				100.00000	0.00000	98.20154				0.00	1,000,000,000	1,000,000,000
Total SY1304 SPOT										0.00	1,000,000,000	1,000,000,000
Total For SY1304										0.00	1,000,000,000	1,000,000,000
SZ25 On 30/09/2025 Spot Bond			10.01000	95.46600	10.01000	95.44052				0.00	0	0
Total SZ25 SPOT										0.00	0	0
Total For SZ25										0.00	0	0
T12A1C On 21/02/2048 Spot Bond				100.00000	0.00000	100.19063				0.00	0	0
Total T12A10 SPOT										0.00	0	0
Total For T12A10										0.00	0	0
T12A11 On 21/02/2048 Spot Bond				100.00000	0.00000	100.19817				0.00	0	0
Total T12A11 SPOT										0.00	0	0
Total For T12A11										0.00	0	0
T12A12 On 21/02/2048 Spot Bond			10.35500	87.97086	10.35500	98.89635				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total T12A12 SPOT										0.00	0	0
Total For T12A12										0.00	0	0
T13A10 On 21/08/2018 Spot Bond				100.00000	0.00000	100.18934				0.00	0	0
Total T13A10 SPOT										0.00	0	0
Total For T13A10										0.00	0	0
T13A11 On 21/08/2020 Spot Bond				100.00000	0.00000	100.19713				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			10.25500	100.76324	10.25500	103.16578				0.00	0	0
Total T13A12 SPOT										0.00	0	0
Total For T13A12										0.00	0	0
T13A13 On 21/08/2018 Spot Bond				100.00000	0.00000	100.18196				0.00	0	0
Total T13A13 SPOT										0.00	0	0
Total For T13A13										0.00	0	0
T13A14 On 21/08/2018 Spot Bond				100.00000	0.00000	100.18934				0.00	0	0
Total T13A14 SPOT										0.00	0	0
Total For T13A14										0.00	0	0
T13A15 On 21/08/2020 Spot Bond				100.00000	0.00000	100.19670				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			10.35500	100.34660	10.35500	100.02659				0.00	0	0
Total T13A16 SPOT										0.00	0	0
Total For T13A16										0.00	0	0
TFS117 On 02/09/2018 Spot Bond				100.00000	0.00000	99.81484				0.00	0	0
Total TFS117 SPOT										0.00	0	0
Total For TFS117										0.00	0	0
TFS122 On 20/03/2017 Spot Bond				100.00000	0.00000	101.55499				0.00	0	0
Total TFS122 SPOT										0.00	0	0
Total For TFS122										0.00	0	0
TFS123 On 20/03/2019 Spot Bond				100.00000	0.00000	101.11727				0.00	0	0
Total TFS123 SPOT										0.00	0	0
Total For TFS123										0.00	0	0
TFS133 On 28/07/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TFS133 SPOT										0.00	0	0
Total For TFS133										0.00	0	0
TFS135 On 06/07/2018 Spot Bond				100.00000	0.00000	101.29336				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TFS135 SPOT										0.00	0	0
Total For TFS135										0.00	0	0
TFS13€ On 06/07/2020 Spot Bond				100.00000	0.00000	101.32166				0.00	0	0
Total TFS136 SPOT										0.00	0	0
Total For TFS136										0.00	0	0
TFS137 On 16/11/2016 Spot Bond				100.00000	0.00000	100.33526				0.00	0	0
Total TFS137 SPOT										0.00	0	0
Total For TFS137										0.00	0	0
TFS13€ On 28/04/2017 Spot Bond				100.00000	0.00000	100.75945				0.00	0	400,000,000
Total TFS138 SPOT										0.00	0	400,000,000
Total For TFS138										0.00	0	400,000,000
TFS13€ On 27/05/2019 Spot Bond			100.00000	18.30759	100.00000	18.25043				0.00	0	35,000,000,000
Total TFS139 SPOT										0.00	0	35,000,000,000
Total For TFS139										0.00	0	35,000,000,000
TFS84 On 28/07/2016 Spot Bond			7.89000	103.07991	7.89000	103.05791				0.00	0	0
Total TFS84 SPOT										0.00	0	0
Total For TFS84										0.00	0	0
TH10A On 18/10/2038 Spot Bond				100.00000	0.00000	101.02325				0.00	0	0
Total TH10A1 SPOT										0.00	0	0
Total For TH10A1										0.00	0	0
TH10A On 18/10/2038 Spot Bond				100.00000	0.00000	101.25973				0.00	1,115,600,000	557,800,000
Total TH10A2 SPOT										0.00	1,115,600,000	557,800,000
Total For TH10A2										0.00	1,115,600,000	557,800,000
TH10A On 18/07/2017 Spot Bond			7.83000	102.88954	7.83000	102.86784				0.00	0	0
Total TH10A3 SPOT										0.00	0	0
Total For TH10A3										0.00	0	0
TH10A On 18/07/2017 Spot Bond				100.00000	0.00000	101.01044				0.00	0	0
Total TH10A4 SPOT										0.00	0	0
Total For TH10A4										0.00	0	0
TH10A On 18/07/2017 Spot Bond				100.00000	0.00000	101.03956				0.00	0	0
Total TH10A5 SPOT										0.00	0	0
Total For TH10A5										0.00	0	0
TH10A On 18/07/2017 Spot Bond			7.39000	92.13296	7.39000	102.70744				0.00	0	0
Total TH10A6 SPOT										0.00	0	0
Total For TH10A6										0.00	0	0
TH10A On 18/10/2038 Spot Bond				100.00000	0.00000	101.01044				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
Total TH10A7 SPOT									0.00	0	0
Total For TH10A7									0.00	0	0
TH10A7 On 18/10/2038 Spot Bond				100.00000	0.00000	101.03956			0.00	0	0
Total TH10A8 SPOT									0.00	0	0
Total For TH10A8									0.00	0	0
TH10A8 On 18/07/2017 Spot Bond			7.16000	92.36412	7.16000	102.62356			0.00	0	0
Total TH10A9 SPOT									0.00	0	0
Total For TH10A9									0.00	0	0
TH10A9 On 18/10/2038 Spot Bond				100.00000	0.00000	101.09661			0.00	0	0
Total TH10B1 SPOT									0.00	0	0
Total For TH10B1									0.00	0	0
TH10B1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.09195			0.00	0	0
Total TH10B2 SPOT									0.00	0	0
Total For TH10B2									0.00	0	0
TH10B2 On 18/10/2038 Spot Bond				100.00000	0.00000	101.20362			0.00	0	0
Total TH10C1 SPOT									0.00	0	0
Total For TH10C1									0.00	0	0
TH10C1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.18851			0.00	0	0
Total TH10C2 SPOT									0.00	0	0
Total For TH10C2									0.00	0	0
TH10C2 On 18/10/2038 Spot Bond				100.00000	0.00000	101.64430			0.00	0	0
Total TH10D1 SPOT									0.00	0	0
Total For TH10D1									0.00	0	0
TH10D1 On 18/07/2017 Spot Bond				100.00000	0.00000	101.59222			0.00	0	0
Total TH10D2 SPOT									0.00	0	0
Total For TH10D2									0.00	0	0
TH10D2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.00927			0.00	0	0
Total TH11A1 SPOT									0.00	0	0
Total For TH11A1									0.00	0	0
TH11A1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.04654			0.00	0	0
Total TH11A2 SPOT									0.00	0	0
Total For TH11A2									0.00	0	0
TH11A2 On 18/07/2018 Spot Bond			8.73000	103.21985	8.73000	103.19563			0.00	0	0
Total TH11A3 SPOT									0.00	0	0
Total For TH11A3									0.00	0	0
TH11A3 On 18/07/2041 Spot Bond				100.00000	0.00000	100.81391			0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH11A4 SPOT										0.00	0	0
Total For TH11A4										0.00	0	0
TH11A€ On 18/07/2041 Spot Bond				100.00000	0.00000	101.03955				0.00	0	0
Total TH11A5 SPOT										0.00	0	0
Total For TH11A5										0.00	0	0
TH11A€ On 18/07/2041 Spot Bond			9.86000	85.60545	9.86000	99.87637				0.00	0	0
Total TH11A6 SPOT										0.00	0	0
Total For TH11A6										0.00	0	0
TH11A7 On 18/07/2041 Spot Bond				100.00000	0.00000	100.69180				0.00	0	0
Total TH11A7 SPOT										0.00	0	0
Total For TH11A7										0.00	0	0
TH11A€ On 18/07/2041 Spot Bond				100.00000	0.00000	101.03955				0.00	0	0
Total TH11A8 SPOT										0.00	0	0
Total For TH11A8										0.00	0	0
TH11B1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.09893				0.00	0	0
Total TH11B1 SPOT										0.00	0	0
Total For TH11B1										0.00	0	0
TH11B2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.08612				0.00	0	0
Total TH11B2 SPOT										0.00	0	0
Total For TH11B2										0.00	0	0
TH11B3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.08147				0.00	0	0
Total TH11B3 SPOT										0.00	0	0
Total For TH11B3										0.00	0	0
TH11C1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.20128				0.00	0	0
Total TH11C1 SPOT										0.00	0	0
Total For TH11C1										0.00	0	0
TH11C2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.19663				0.00	0	0
Total TH11C2 SPOT										0.00	0	0
Total For TH11C2										0.00	0	0
TH11C3 On 18/07/2041 Spot Bond				100.00000	0.00000	101.15594				0.00	0	0
Total TH11C3 SPOT										0.00	0	0
Total For TH11C3										0.00	0	0
TH11D1 On 18/07/2041 Spot Bond				100.00000	0.00000	101.56325				0.00	0	0
Total TH11D1 SPOT										0.00	0	0
Total For TH11D1										0.00	0	0
TH11D2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.56788				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH11D2 SPOT										0.00	0	0
Total For TH11D2										0.00	0	0
TH11D2 On 18/07/2041 Spot Bond				100.00000	0.00000	101.54472				0.00	0	0
Total TH11D3 SPOT										0.00	0	0
Total For TH11D3										0.00	0	0
TH12A1 On 21/08/2048 Spot Bond				100.00000	0.00000	100.18847				0.00	0	0
Total TH12A1 SPOT										0.00	0	0
Total For TH12A1										0.00	0	0
TH12A2 On 21/08/2019 Spot Bond				100.00000	0.00000	100.19386				0.00	0	0
Total TH12A2 SPOT										0.00	0	0
Total For TH12A2										0.00	0	0
TH12A3 On 21/08/2019 Spot Bond			10.30500	98.67539	10.30500	99.44188				0.00	0	0
Total TH12A3 SPOT										0.00	0	0
Total For TH12A3										0.00	0	0
TH12A4 On 21/02/2048 Spot Bond				100.00000	0.00000	100.19063				0.00	0	0
Total TH12A4 SPOT										0.00	0	0
Total For TH12A4										0.00	0	0
TH12A5 On 21/02/2048 Spot Bond				100.00000	0.00000	100.19817				0.00	0	0
Total TH12A5 SPOT										0.00	0	0
Total For TH12A5										0.00	0	0
TH12A6 On 21/08/2019 Spot Bond			10.21500	97.84036	10.21500	97.81360				0.00	0	0
Total TH12A6 SPOT										0.00	0	0
Total For TH12A6										0.00	0	0
TH12A7 On 21/08/2019 Spot Bond				100.00000	0.00000	100.18955				0.00	0	0
Total TH12A7 SPOT										0.00	0	0
Total For TH12A7										0.00	0	0
TH12A8 On 21/08/2019 Spot Bond				100.00000	0.00000	100.19817				0.00	0	0
Total TH12A8 SPOT										0.00	0	0
Total For TH12A8										0.00	0	0
TH12A9 On 21/02/2048 Spot Bond			10.32500	81.41949	10.32500	96.84622				0.00	0	0
Total TH12A9 SPOT										0.00	0	0
Total For TH12A9										0.00	0	0
TH12B1 On 21/08/2019 Spot Bond				100.00000	0.00000	100.20785				0.00	0	0
Total TH12B1 SPOT										0.00	0	0
Total For TH12B1										0.00	0	0
TH12B2 On 21/02/2048 Spot Bond				100.00000	0.00000	100.20785				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH12B2 SPOT										0.00	0	0
Total For TH12B2										0.00	0	0
TH12B: On 21/08/2019 Spot Bond				100.00000	0.00000	100.20785				0.00	0	0
Total TH12B3 SPOT										0.00	0	0
Total For TH12B3										0.00	0	0
TH12B: On 21/02/2048 Spot Bond				100.00000	0.00000	100.20785				0.00	0	0
Total TH12B4 SPOT										0.00	0	0
Total For TH12B4										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.22505				0.00	0	0
Total TH12C1 SPOT										0.00	0	0
Total For TH12C1										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.22505				0.00	0	0
Total TH12C2 SPOT										0.00	0	0
Total For TH12C2										0.00	0	0
TH12C: On 21/08/2019 Spot Bond				100.00000	0.00000	100.22505				0.00	0	0
Total TH12C3 SPOT										0.00	0	0
Total For TH12C3										0.00	0	0
TH12C: On 21/02/2048 Spot Bond				100.00000	0.00000	100.22484				0.00	0	0
Total TH12C4 SPOT										0.00	0	0
Total For TH12C4										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	100.29464				0.00	0	0
Total TH12D1 SPOT										0.00	0	0
Total For TH12D1										0.00	0	0
TH12D: On 21/02/2048 Spot Bond				100.00000	0.00000	100.29464				0.00	0	0
Total TH12D2 SPOT										0.00	0	0
Total For TH12D2										0.00	0	0
TH12D: On 21/08/2019 Spot Bond				100.00000	0.00000	100.44783				0.00	0	0
Total TH12D3 SPOT										0.00	0	0
Total For TH12D3										0.00	0	0
TH12D: On 21/02/2048 Spot Bond				100.00000	0.00000	100.29336				0.00	0	0
Total TH12D4 SPOT										0.00	0	0
Total For TH12D4										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.18567				0.00	0	0
Total TH13A1 SPOT										0.00	0	0
Total For TH13A1										0.00	0	0
TH13A: On 21/08/2018 Spot Bond				100.00000	0.00000	100.19041				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH13A2 SPOT										0.00	0	0
Total For TH13A2										0.00	0	0
TH13A2 On 21/08/2050 Spot Bond				100.00000	0.00000	100.19809				0.00	0	0
Total TH13A3 SPOT										0.00	0	0
Total For TH13A3										0.00	0	0
TH13A3 On 21/08/2020 Spot Bond			10.45500	96.44230	10.45500	98.73274				0.00	0	0
Total TH13A4 SPOT										0.00	0	0
Total For TH13A4										0.00	0	0
TH13A4 On 21/08/2018 Spot Bond				100.00000	0.00000	100.18589				0.00	0	0
Total TH13A5 SPOT										0.00	0	0
Total For TH13A5										0.00	0	0
TH13A5 On 21/08/2018 Spot Bond				100.00000	0.00000	100.19063				0.00	0	0
Total TH13A6 SPOT										0.00	0	0
Total For TH13A6										0.00	0	0
TH13A6 On 21/08/2020 Spot Bond				100.00000	0.00000	100.19916				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			10.34500	99.38891	10.34500	100.21723				0.00	0	0
Total TH13A8 SPOT										0.00	0	0
Total For TH13A8										0.00	0	0
TH13A8 On 21/08/2018 Spot Bond				100.00000	0.00000	100.18196				0.00	0	0
Total TH13A9 SPOT										0.00	0	0
Total For TH13A9										0.00	0	0
TH13A9 On 21/08/2020 Spot Bond				100.00000	0.00000	100.20775				0.00	0	0
Total TH13B1 SPOT										0.00	0	0
Total For TH13B1										0.00	0	0
TH13B1 On 21/08/2020 Spot Bond				100.00000	0.00000	100.20797				0.00	0	0
Total TH13B2 SPOT										0.00	0	0
Total For TH13B2										0.00	0	0
TH13B2 On 21/08/2020 Spot Bond				100.00000	0.00000	100.20825				0.00	0	0
Total TH13B3 SPOT										0.00	0	0
Total For TH13B3										0.00	0	0
TH13B3 On 21/08/2020 Spot Bond				100.00000	0.00000	100.20406				0.00	0	0
Total TH13B4 SPOT										0.00	0	0
Total For TH13B4										0.00	0	0
TH13B4 On 21/08/2020 Spot Bond				100.00000	0.00000	100.22277				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total TH13C1 SPOT										0.00	0	0
Total For TH13C1										0.00	0	0
TH13C:On 21/08/2020 Spot Bond				100.00000	0.00000	100.22448				0.00	0	0
Total TH13C2 SPOT										0.00	0	0
Total For TH13C2										0.00	0	0
TH13C:On 21/08/2020 Spot Bond				100.00000	0.00000	100.21873				0.00	0	0
Total TH13C3 SPOT										0.00	0	0
Total For TH13C3										0.00	0	0
TH13C:On 21/08/2020 Spot Bond				100.00000	0.00000	100.22292				0.00	0	0
Total TH13C4 SPOT										0.00	0	0
Total For TH13C4										0.00	0	0
TH13D:On 21/08/2020 Spot Bond				100.00000	0.00000	100.29327				0.00	0	0
Total TH13D1 SPOT										0.00	0	0
Total For TH13D1										0.00	0	0
TH13D:On 21/08/2020 Spot Bond				100.00000	0.00000	100.29327				0.00	0	0
Total TH13D2 SPOT										0.00	0	0
Total For TH13D2										0.00	0	0
TH13D:On 21/08/2020 Spot Bond				100.00000	0.00000	100.29143				0.00	0	0
Total TH13D3 SPOT										0.00	0	0
Total For TH13D3										0.00	0	0
TH13D:On 21/08/2020 Spot Bond				100.00000	0.00000	100.28833				0.00	0	0
Total TH13D4 SPOT										0.00	0	0
Total For TH13D4										0.00	0	0
TH9A1:On 18/07/2016 Spot Bond				100.00000	0.00000	101.04072				0.00	0	0
Total TH9A10 SPOT										0.00	0	0
Total For TH9A10										0.00	0	0
THE8A:On 18/04/2036 Spot Bond			101.06155	6.43370	101.06155	6.41778				0.00	0	0
Total THE8A1 SPOT										0.00	0	0
Total For THE8A1										0.00	0	0
THE8A:On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total THE8A2 SPOT										0.00	0	0
Total For THE8A2										0.00	0	0
THE8A:On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total THE8A3 SPOT										0.00	0	0
Total For THE8A3										0.00	0	0
THE8B:On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total THE8B1 SPOT										0.00	0	0
Total For THE8B1										0.00	0	0
THE8C On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total THE8C1 SPOT										0.00	0	0
Total For THE8C1										0.00	0	0
THE8D On 18/04/2036 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total THE8D1 SPOT										0.00	0	0
Total For THE8D1										0.00	0	0
THE9A On 18/07/2016 Spot Bond			100.00000	90.36585	100.00000	90.14705				0.00	0	0
Total THE9A2 SPOT										0.00	0	0
Total For THE9A2										0.00	0	0
THE9A On 18/07/2016 Spot Bond				100.00000	0.00000	101.08045				0.00	0	0
Total THE9A3 SPOT										0.00	0	0
Total For THE9A3										0.00	0	0
THE9A On 18/07/2039 Spot Bond				100.00000	0.00000	101.03490				0.00	0	0
Total THE9A6 SPOT										0.00	0	0
Total For THE9A6										0.00	0	0
THE9A On 18/07/2039 Spot Bond				100.00000	0.00000	101.04072				0.00	0	0
Total THE9A7 SPOT										0.00	0	0
Total For THE9A7										0.00	0	0
THE9A On 18/07/2016 Spot Bond				100.00000	0.00000	101.03490				0.00	0	0
Total THE9A9 SPOT										0.00	0	0
Total For THE9A9										0.00	0	0
THE9B On 18/07/2016 Spot Bond				100.00000	0.00000	101.09894				0.00	0	0
Total THE9B1 SPOT										0.00	0	0
Total For THE9B1										0.00	0	0
THE9B On 18/07/2039 Spot Bond				100.00000	0.00000	101.09894				0.00	0	0
Total THE9B2 SPOT										0.00	0	0
Total For THE9B2										0.00	0	0
THE9B On 18/07/2016 Spot Bond				100.00000	0.00000	101.09894				0.00	0	0
Total THE9B3 SPOT										0.00	0	0
Total For THE9B3										0.00	0	0
THE9C On 18/07/2016 Spot Bond				100.00000	0.00000	101.19200				0.00	0	0
Total THE9C1 SPOT										0.00	0	0
Total For THE9C1										0.00	0	0
THE9C On 18/07/2039 Spot Bond				100.00000	0.00000	101.21525				0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
Total THE9C2 SPOT										0.00	0	0
Total For THE9C2										0.00	0	0
THE9C: On 18/07/2016 Spot Bond				100.00000	0.00000	101.18619				0.00	0	0
Total THE9C3 SPOT										0.00	0	0
Total For THE9C3										0.00	0	0
THE9D On 18/07/2016 Spot Bond				100.00000	0.00000	101.65011				0.00	0	0
Total THE9D1 SPOT										0.00	0	0
Total For THE9D1										0.00	0	0
THE9D: On 18/07/2039 Spot Bond				100.00000	0.00000	101.67903				0.00	0	0
Total THE9D2 SPOT										0.00	0	0
Total For THE9D2										0.00	0	0
THE9D: On 18/07/2016 Spot Bond				100.00000	0.00000	101.66746				0.00	0	0
Total THE9D3 SPOT										0.00	0	0
Total For THE9D3										0.00	0	0
TL20 On 22/02/2020 Spot Bond			10.52500	88.19667	10.52500	88.08663				0.00	0	15,000,000,000
Total TL20 SPOT										0.00	0	15,000,000,000
Total For TL20										0.00	0	15,000,000,000
TL20/R: On 22/02/2020 Spot Bond			100.00000	14.35101	100.00000	14.32385				0.00	0	0
TL20/R: On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total TL20/R207 SPOT										0.00	0	0
Total For TL20/R207										0.00	0	0
TN17 On 14/11/2017 Spot Bond			8.85500	100.97068	8.85500	100.94691				0.00	0	38,201,224,600
Total TN17 SPOT										0.00	0	38,201,224,600
Total For TN17										0.00	0	38,201,224,600
TN20 On 17/09/2020 Spot Bond			10.35000	102.64599	10.35000	102.61785		474,030,000,000.00			45,800,000	34,396,624,304
Total TN20 SPOT								474,030,000,000.00			45,800,000	34,396,624,304
Total For TN20								474,030,000,000.00			45,800,000	34,396,624,304
TN20U On 14/04/2020 Spot Bond			100.00000	3.95792	100.00000	3.94823				0.00	0	0
Total TN20U SPOT										0.00	0	0
Total For TN20U										0.00	0	0
TN23 On 06/11/2023 Spot Bond			10.86000	100.44518	10.86000	100.41631		299,736,000,000.00			27,600,000	20,861,600,000
Total TN23 SPOT								299,736,000,000.00			27,600,000	20,861,600,000
Total For TN23								299,736,000,000.00			27,600,000	20,861,600,000
TN25 On 19/08/2025 Spot Bond			11.37000	92.14405	11.37000	92.11606				0.00	0	24,100,000,000
Total TN25 SPOT										0.00	0	24,100,000,000
Total For TN25										0.00	0	24,100,000,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TN27 On 14/11/2027 Spot Bond			11.38500	84.73985	11.38500	84.71436			0.00	0	8,200,000,000
Total TN27 SPOT									0.00	0	8,200,000,000
Total For TN27									0.00	0	8,200,000,000
TN30 On 09/10/2030 Spot Bond			11.86000	92.21596	11.86000	92.18693			0.00	0	1,750,000,000
Total TN30 SPOT									0.00	0	1,750,000,000
Total For TN30									0.00	0	1,750,000,000
TN40 On 09/10/2040 Spot Bond			12.07000	91.21806	12.07000	91.18885			0.00	0	500,000,000
Total TN40 SPOT									0.00	0	500,000,000
Total For TN40									0.00	0	500,000,000
TNF16 On 10/06/2016 Spot Bond				100.00000	0.00000	99.78949			0.00	0	0
Total TNF16 SPOT									0.00	0	0
Total For TNF16									0.00	0	0
TNF18 On 22/08/2018 Spot Bond				100.00000	0.00000	100.02890			0.00	0	0
Total TNF18 SPOT									0.00	0	0
Total For TNF18									0.00	0	0
TORQ1 On 15/08/2026 Spot Bond				100.00000	0.00000	100.42575			0.00	0	0
Total TORQ10 SPOT									0.00	0	0
Total For TORQ10									0.00	0	0
TORQ2 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ2 SPOT									0.00	0	0
Total For TORQ2									0.00	0	0
TORQ3 On 15/04/2022 Spot Bond				100.00000	0.00000	100.36896			0.00	0	0
Total TORQ3 SPOT									0.00	0	0
Total For TORQ3									0.00	0	0
TORQ4 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ4 SPOT									0.00	0	0
Total For TORQ4									0.00	0	0
TORQ5 On 15/04/2022 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TORQ5 SPOT									0.00	0	0
Total For TORQ5									0.00	0	0
TORQ6 On 15/04/2022 Spot Bond				100.00000	0.00000	100.48602			0.00	0	0
Total TORQ6 SPOT									0.00	0	0
Total For TORQ6									0.00	0	0
TORQ7 On 15/08/2025 Spot Bond				100.00000	0.00000	100.36936			0.00	0	0
Total TORQ7 SPOT									0.00	0	0
Total For TORQ7									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TORQ8 On 15/08/2026 Spot Bond				100.00000	0.00000	100.37742				0.00	0	0
Total TORQ8 SPOT										0.00	0	0
Total For TORQ8										0.00	0	0
TORQ9 On 15/08/2026 Spot Bond				100.00000	0.00000	100.38952				0.00	0	0
Total TORQ9 SPOT										0.00	0	0
Total For TORQ9										0.00	0	0
TPDA0 On 25/11/2020 Spot Bond			10.00000	109.02700	10.00000	108.99900				0.00	0	0
Total TPDA01/JIBAR SPOT										0.00	0	0
Total For TPDA01/JIBAR										0.00	0	0
TPDA0 On 05/04/2017 Spot Bond				100.00000	0.00000	101.34056				0.00	0	0
Total TPDA02 SPOT										0.00	0	0
Total For TPDA02										0.00	0	0
TPDA0 On 05/04/2018 Spot Bond				100.00000	0.00000	101.32294				0.00	0	0
Total TPDA03 SPOT										0.00	0	0
Total For TPDA03										0.00	0	0
TPDA0 On 10/04/2019 Spot Bond				100.00000	0.00000	101.04925				0.00	0	210,000,000
Total TPDA05 SPOT										0.00	0	210,000,000
Total For TPDA05										0.00	0	210,000,000
TPDA0 On 30/11/2020 Spot Bond				100.00000	0.00000	100.02220				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			10.35000	97.07343	10.35000	97.04682				0.00	0	158,000,000
Total TPDA08 SPOT										0.00	0	158,000,000
Total For TPDA08										0.00	0	158,000,000
TR30 On 31/12/2099 Spot Bond			10.00000	100.02767	10.00000	100.00000				0.00	0	0
Total TR30 SPOT										0.00	0	0
Total For TR30										0.00	0	0
TR31 On 31/12/2099 Spot Bond			9.75000	100.02698	9.75000	100.00000				0.00	0	0
Total TR31 SPOT										0.00	0	0
Total For TR31										0.00	0	0
TR32 On 31/12/2099 Spot Bond			100.00000	10.02672	100.00000	10.00000				0.00	0	0
Total TR32 SPOT										0.00	0	0
Total For TR32										0.00	0	0
TRA2A On 14/12/2025 Spot Bond				100.00000	0.00000	101.81051				0.00	0	0
Total TRA2A1 SPOT										0.00	0	0
Total For TRA2A1										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TRA2A: On 14/12/2025 Spot Bond				100.00000	0.00000	101.89772			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			10.60500	101.18434	10.60500	101.21371			0.00	0	0
Total TRA2A3 SPOT									0.00	0	0
Total For TRA2A3									0.00	0	0
TRA2B: On 14/12/2025 Spot Bond				100.00000	0.00000	102.03608			0.00	0	0
Total TRA2B1 SPOT									0.00	0	0
Total For TRA2B1									0.00	0	0
TRA2C: On 14/12/2025 Spot Bond				100.00000	0.00000	102.31268			0.00	0	0
Total TRA2C1 SPOT									0.00	0	0
Total For TRA2C1									0.00	0	0
TRA2D: On 14/12/2025 Spot Bond				100.00000	0.00000	102.95046			0.00	0	0
Total TRA2D1 SPOT									0.00	0	0
Total For TRA2D1									0.00	0	0
TRAA1: On 14/06/2024 Spot Bond				100.00000	0.00000	101.77008			0.00	0	0
Total TRAA1 SPOT									0.00	0	0
Total For TRAA1									0.00	0	0
TRAA2: On 14/06/2024 Spot Bond				100.00000	0.00000	101.86592			0.00	0	0
Total TRAA2 SPOT									0.00	0	0
Total For TRAA2									0.00	0	0
TRAA3: On 14/06/2024 Spot Bond			100.00000	9.28574	100.00000	9.26325			0.00	0	0
Total TRAA3U SPOT									0.00	0	0
Total For TRAA3U									0.00	0	0
TRAA4: On 14/06/2024 Spot Bond			100.00000	9.89096	100.00000	9.86700			0.00	0	0
Total TRAA4U SPOT									0.00	0	0
Total For TRAA4U									0.00	0	0
TRAB1: On 14/06/2024 Spot Bond				100.00000	0.00000	101.91917			0.00	0	0
Total TRAB1 SPOT									0.00	0	0
Total For TRAB1									0.00	0	0
TRAB2: On 14/06/2024 Spot Bond			100.00000	10.25409	100.00000	10.22925			0.00	0	0
Total TRAB2U SPOT									0.00	0	0
Total For TRAB2U									0.00	0	0
TRAC1: On 14/06/2024 Spot Bond				100.00000	0.00000	101.92981			0.00	0	0
Total TRAC1 SPOT									0.00	0	0
Total For TRAC1									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TRAC2 On 14/06/2024 Spot Bond			100.00000	10.55670	100.00000	10.53112				0.00	0	0
Total TRAC2U SPOT										0.00	0	0
Total For TRAC2U										0.00	0	0
TRAD1 On 14/06/2024 Spot Bond				100.00000	0.00000	102.22787				0.00	0	0
Total TRAD1 SPOT										0.00	0	0
Total For TRAD1										0.00	0	0
TRAD2 On 14/06/2024 Spot Bond			100.00000	14.24852	100.00000	14.21400				0.00	0	0
Total TRAD2U SPOT										0.00	0	0
Total For TRAD2U										0.00	0	0
TRAE1 On 14/06/2024 Spot Bond				100.00000	0.00000	102.88729				0.00	0	0
Total TRAE1 SPOT										0.00	0	0
Total For TRAE1										0.00	0	0
TRAE2 On 14/06/2024 Spot Bond			100.00000	18.30347	100.00000	18.25913				0.00	0	0
Total TRAE2U SPOT										0.00	0	0
Total For TRAE2U										0.00	0	0
TSE01L On 31/07/2019 Spot Bond			100.00000	15.49852	100.00000	15.46097				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	2.43354	100.00000	2.42764				0.00	0	0
Total TSE03U SPOT										0.00	0	0
Total For TSE03U										0.00	0	0
TSP192 On 09/06/2016 Spot Bond				100.00000	0.00000	99.82480				0.00	0	0
Total TSP192 SPOT										0.00	0	0
Total For TSP192										0.00	0	0
TSP193 On 23/06/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TSP193 SPOT										0.00	0	0
Total For TSP193										0.00	0	0
TSP195 On 18/08/2016 Spot Bond				100.00000	0.00000	98.47360				0.00	0	0
Total TSP195 SPOT										0.00	0	0
Total For TSP195										0.00	0	0
TSP196 On 15/09/2016 Spot Bond				100.00000	0.00000	97.89360				0.00	0	0
Total TSP196 SPOT										0.00	0	0
Total For TSP196										0.00	0	0
TSP197 On 13/10/2016 Spot Bond				100.00000	0.00000	97.39763				0.00	0	0
Total TSP197 SPOT										0.00	0	0
Total For TSP197										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TSP19ϵ On 27/10/2016 Spot Bond				100.00000	0.00000	97.11011				0.00	0	0
Total TSP198 SPOT										0.00	0	0
Total For TSP198										0.00	0	0
TSP19ϵ On 24/11/2016 Spot Bond				100.00000	0.00000	96.41282				0.00	0	0
Total TSP199 SPOT										0.00	0	0
Total For TSP199										0.00	0	0
TSP20ϵ On 08/12/2016 Spot Bond				100.00000	0.00000	96.08937				0.00	0	0
Total TSP200 SPOT										0.00	0	0
Total For TSP200										0.00	0	0
TSP201 On 04/08/2016 Spot Bond				100.00000	0.00000	98.64515				0.00	0	0
Total TSP201 SPOT										0.00	0	0
Total For TSP201										0.00	0	0
TSP202 On 02/02/2017 Spot Bond				100.00000	0.00000	94.55399				0.00	0	0
Total TSP202 SPOT										0.00	0	0
Total For TSP202										0.00	0	0
TSP203 On 16/02/2017 Spot Bond				100.00000	0.00000	100.67207				0.00	0	0
Total TSP203 SPOT										0.00	0	0
Total For TSP203										0.00	0	0
TSP204 On 01/09/2016 Spot Bond				100.00000	0.00000	98.01158				0.00	0	0
Total TSP204 SPOT										0.00	0	0
Total For TSP204										0.00	0	0
TSP205 On 02/03/2017 Spot Bond				100.00000	0.00000	93.75345				0.00	0	0
Total TSP205 SPOT										0.00	0	0
Total For TSP205										0.00	0	0
TSP206 On 16/03/2017 Spot Bond				100.00000	0.00000	93.61538				0.00	0	0
Total TSP206 SPOT										0.00	0	0
Total For TSP206										0.00	0	0
TSP207 On 28/04/2017 Spot Bond				100.00000	0.00000	92.55232				0.00	0	0
Total TSP207 SPOT										0.00	0	0
Total For TSP207										0.00	0	0
TSP208 On 10/11/2016 Spot Bond				100.00000	0.00000	96.46544				0.00	0	0
Total TSP208 SPOT										0.00	0	0
Total For TSP208										0.00	0	0
TSP209 On 11/05/2017 Spot Bond				100.00000	0.00000	92.24808				0.00	0	0
Total TSP209 SPOT										0.00	0	0
Total For TSP209										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
TSP210 On 25/05/2017 Spot Bond				100.00000	0.00000	98.20154				0.00	0	0
Total TSP210 SPOT										0.00	0	0
Total For TSP210										0.00	0	0
TTO01U On 28/08/2019 Spot Bond			100.00000	16.21476	100.00000	16.17548				0.00	0	0
Total TTO01U SPOT										0.00	0	0
Total For TTO01U										0.00	0	0
TWC13 On 07/06/2016 Spot Bond				100.00000	0.00000	101.60744				0.00	0	0
Total TWC138 SPOT										0.00	0	0
Total For TWC138										0.00	0	0
TWC14 On 28/07/2016 Spot Bond				100.00000	0.00000	100.65178				0.00	0	0
Total TWC148 SPOT										0.00	0	0
Total For TWC148										0.00	0	0
TWC16 On 03/06/2016 Spot Bond				100.00000	0.00000	101.60979				0.00	0	0
Total TWC160 SPOT										0.00	0	0
Total For TWC160										0.00	0	0
TWC16 On 31/05/2016 Spot Bond				100.00000	0.00000	101.48608				0.00	4,000,000,000	1,000,000,000
Total TWC161 SPOT										0.00	4,000,000,000	1,000,000,000
Total For TWC161										0.00	4,000,000,000	1,000,000,000
TWC16 On 31/08/2016 Spot Bond				100.00000	0.00000	100.00000				0.00	0	0
Total TWC162 SPOT										0.00	0	0
Total For TWC162										0.00	0	0
TWC16 On 24/08/2016 Spot Bond				100.00000	0.00000	100.15077				0.00	0	0
Total TWC164 SPOT										0.00	0	0
Total For TWC164										0.00	0	0
TWC16 On 20/06/2016 Spot Bond				100.00000	0.00000	101.48304				0.00	0	0
Total TWC165 SPOT										0.00	0	0
Total For TWC165										0.00	0	0
TWC16 On 12/07/2016 Spot Bond				100.00000	0.00000	101.06164				0.00	0	0
Total TWC167 SPOT										0.00	0	0
Total For TWC167										0.00	0	0
TWC16 On 25/07/2016 Spot Bond				100.00000	0.00000	101.02707				0.00	0	0
Total TWC169 SPOT										0.00	0	0
Total For TWC169										0.00	0	0
TWC17 On 10/10/2016 Spot Bond				100.00000	0.00000	101.04016				0.00	0	0
Total TWC170 SPOT										0.00	0	0
Total For TWC170										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TWC17 On 25/07/2016 Spot Bond				100.00000	0.00000	100.87336			0.00	0	0
Total TWC171 SPOT									0.00	0	0
Total For TWC171									0.00	0	0
TWC17 On 28/10/2016 Spot Bond				100.00000	0.00000	100.58664			0.00	0	0
Total TWC172 SPOT									0.00	0	0
Total For TWC172									0.00	0	0
TWC17 On 15/08/2016 Spot Bond				100.00000	0.00000	100.44877			0.00	0	0
Total TWC173 SPOT									0.00	0	0
Total For TWC173									0.00	0	0
TWC17 On 17/08/2016 Spot Bond				100.00000	0.00000	100.40644			0.00	0	0
Total TWC174 SPOT									0.00	0	0
Total For TWC174									0.00	0	0
TWC17 On 19/08/2016 Spot Bond				100.00000	0.00000	100.17096			0.00	0	0
Total TWC175 SPOT									0.00	0	0
Total For TWC175									0.00	0	0
TWC17 On 23/06/2016 Spot Bond				100.00000	0.00000	100.16511			0.00	0	0
Total TWC176 SPOT									0.00	0	0
Total For TWC176									0.00	0	0
TWC17 On 22/08/2016 Spot Bond				100.00000	0.00000	100.14959			0.00	0	0
Total TWC177 SPOT									0.00	0	0
Total For TWC177									0.00	0	0
TWC17 On 24/08/2016 Spot Bond				100.00000	0.00000	0.00000			0.00	0	0
Total TWC179 SPOT									0.00	0	0
Total For TWC179									0.00	0	0
TWCJ2 On 27/05/2016 Spot Bond				100.00000	0.00000	100.00000			0.00	0	0
Total TWCJ25 SPOT									0.00	0	0
Total For TWCJ25									0.00	0	0
TWCJ2 On 25/07/2016 Spot Bond				100.00000	0.00000	100.99159			0.00	0	0
Total TWCJ26 SPOT									0.00	0	0
Total For TWCJ26									0.00	0	0
TWCJ2 On 26/08/2016 Spot Bond			100.00000	80.93126	100.00000	80.75221		80,000,000,000,000.00	0.00	800,000,000	800,000,000
Total TWCJ27 SPOT								80,000,000,000,000.00	0.00	800,000,000	800,000,000
Total For TWCJ27								80,000,000,000,000.00	0.00	800,000,000	800,000,000
TWCM2 On 27/05/2016 Spot Bond				102.41556	0.00000	102.37125			0.00	0	0
Total TWCM25 SPOT									0.00	0	0
Total For TWCM25									0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility	Value	Contracts Traded	Open Interest
TWCM2 On 25/07/2016 Spot Bond				100.00000	0.00000	100.92091			0.00	0	0
Total TWCM26 SPOT									0.00	0	0
Total For TWCM26									0.00	0	0
TWCM27 On 26/08/2016 Spot Bond			100.00000	80.93126	100.00000	100.00000		100,000,000,000,000.00	1,000,000,000	1,000,000,000	
Total TWCM27 SPOT								10,000,000,000,000.00	1,000,000,000	1,000,000,000	
Total For TWCM27								10,000,000,000,000.00	1,000,000,000	1,000,000,000	
UG21 On 02/03/2021 Spot Bond			10.25000	104.27275	10.25000	104.24443		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			11.31000	102.54307	11.31000	102.51242		0.00	0	0	
Total UG26 SPOT								0.00	0	0	
Total For UG26								0.00	0	0	
VJA01L On 20/01/2023 Spot Bond			100.00000	8.88396	100.00000	8.86617		0.00	0	0	
Total VJA01U SPOT								0.00	0	0	
Total For VJA01U								0.00	0	0	
VJA02L On 20/04/2023 Spot Bond			100.00000	8.21218	100.00000	8.19207		0.00	0	0	
Total VJA02U SPOT								0.00	0	0	
Total For VJA02U								0.00	0	0	
VJA03L On 20/10/2023 Spot Bond			100.00000	8.51499	100.00000	8.49413		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	8.84924	100.00000	8.82756		0.00	0	0	
Total VJA04U SPOT								0.00	0	0	
Total For VJA04U								0.00	0	0	
VJA05L On 20/04/2024 Spot Bond			100.00000	10.85856	100.00000	10.81465		0.00	0	0	
Total VJA05U SPOT								0.00	0	0	
Total For VJA05U								0.00	0	0	
VJB01L On 20/01/2023 Spot Bond			100.00000	8.68179	100.00000	8.66442		0.00	0	0	
Total VJB01U SPOT								0.00	0	0	
Total For VJB01U								0.00	0	0	
VJB02L On 20/04/2023 Spot Bond			100.00000	8.12029	100.00000	8.10041		0.00	0	0	
Total VJB02U SPOT								0.00	0	0	
Total For VJB02U								0.00	0	0	
VJB03L On 20/10/2023 Spot Bond			100.00000	8.30182	100.00000	8.28149		0.00	0	0	
Total VJB03U SPOT								0.00	0	0	
Total For VJB03U								0.00	0	0	

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
VJB04L On 20/01/2024 Spot Bond			100.00000	8.61779	100.00000	8.59668				0.00	0	0
Total VJB04U SPOT										0.00	0	0
Total For VJB04U										0.00	0	0
VJB05L On 20/04/2024 Spot Bond			100.00000	10.58238	100.00000	10.53959				0.00	0	0
Total VJB05U SPOT										0.00	0	0
Total For VJB05U										0.00	0	0
VKC14 On 02/08/2016 Spot Bond				100.00000	0.00000	100.61585				0.00	0	0
Total VKC14 SPOT										0.00	0	0
Total For VKC14										0.00	0	0
VKC15 On 05/09/2016 Spot Bond				100.00000	0.00000	99.86574				0.00	0	0
Total VKC15 SPOT										0.00	0	0
Total For VKC15										0.00	0	0
VKC16 On 29/09/2016 Spot Bond				100.00000	0.00000	101.38200				0.00	0	0
Total VKC16 SPOT										0.00	0	0
Total For VKC16										0.00	0	0
VKE01L On 01/04/2018 Spot Bond			100.00000	32.50796	100.00000	32.42834				0.00	0	0
Total VKE01U SPOT										0.00	0	0
Total For VKE01U										0.00	0	0
VKE03 On 08/05/2017 Spot Bond				100.00000	0.00000	100.54029				0.00	0	0
Total VKE03 SPOT										0.00	0	0
Total For VKE03										0.00	0	0
VKE05 On 28/03/2018 Spot Bond				100.00000	0.00000	101.51360				0.00	100,000,000	50,000,000
Total VKE05 SPOT										0.00	100,000,000	50,000,000
Total For VKE05										0.00	100,000,000	50,000,000
VKE06 On 08/05/2018 Spot Bond				100.00000	0.00000	100.53257				0.00	3,000,000,000	1,500,000,000
Total VKE06 SPOT										0.00	3,000,000,000	1,500,000,000
Total For VKE06										0.00	3,000,000,000	1,500,000,000
VKE07 On 08/06/2020 Spot Bond				100.00000	0.00000	99.81459				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	101.56484				0.00	0	0
Total VKE08 SPOT										0.00	0	0
Total For VKE08										0.00	0	0
VPA01L On 20/01/2023 Spot Bond			100.00000	8.34882	100.00000	8.33212				0.00	0	0
Total VPA01U SPOT										0.00	0	0
Total For VPA01U										0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
VPA02L On 20/04/2023 Spot Bond			100.00000	7.87050	100.00000	7.85122				0.00	0	0
Total VPA02U SPOT										0.00	0	0
Total For VPA02U										0.00	0	0
VPA03L On 20/10/2023 Spot Bond			100.00000	9.66447	100.00000	9.64080				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	4.99776	100.00000	4.98552				0.00	0	0
Total VPA04U SPOT										0.00	0	0
Total For VPA04U										0.00	0	0
VPA05L On 20/04/2024 Spot Bond			100.00000	10.63912	100.00000	10.59611				0.00	0	0
Total VPA05U SPOT										0.00	0	0
Total For VPA05U										0.00	0	0
VPB01L On 20/01/2023 Spot Bond			100.00000	8.14666	100.00000	8.13035				0.00	0	0
Total VPB01U SPOT										0.00	0	0
Total For VPB01U										0.00	0	0
VPB02L On 20/04/2023 Spot Bond			100.00000	7.77861	100.00000	7.75956				0.00	0	0
Total VPB02U SPOT										0.00	0	0
Total For VPB02U										0.00	0	0
VPB03L On 20/10/2023 Spot Bond			100.00000	9.87785	100.00000	9.85366				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	4.76632	100.00000	4.75464				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	10.29989	100.00000	10.25825				0.00	0	0
Total VPB05U SPOT										0.00	0	0
Total For VPB05U										0.00	0	0
WRS1L On 25/11/2029 Spot Bond			100.00000	0.00074	100.00000	0.00074				0.00	0	0
Total WRS1U SPOT										0.00	0	0
Total For WRS1U										0.00	0	0
WS04 On 30/05/2016 Spot Bond			7.84500	99.95704	7.84500	99.97851				0.00	0	0
Total WS04 SPOT										0.00	0	0
Total For WS04										0.00	0	0
WS05 On 01/08/2018 Spot Bond			1.29000	250.04280	1.29000	249.92582				0.00	0	450,300,000
Total WS05 SPOT										0.00	0	450,300,000
Total For WS05										0.00	0	450,300,000

Contract Details	Strike	Call / Put	MTM Yield	MTM Price	Previous MTM Yield	Previous MTM Price	Premium On Option	Volatility		Value	Contracts Traded	Open Interest
WSP2 On 28/05/2017 Spot Bond			8.44500	100.61215	8.44500	100.58953				0.00	0	2,000,000,000
Total WSP2 SPOT										0.00	0	2,000,000,000
Total For WSP2										0.00	0	2,000,000,000
WSP3 On 28/05/2019 Spot Bond			8.94000	100.25014	8.94000	100.22632				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			9.33000	99.01707	9.33000	98.99254				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			9.56500	97.89475	9.56500	97.86990				0.00	0	0
Total WSP5 SPOT										0.00	0	0
Total For WSP5										0.00	0	0
Z083 On 30/09/2019 Spot Bond			8.33500	76.19837	8.33500	76.18146				0.00	0	0
Total Z083 SPOT										0.00	0	0
Total For Z083										0.00	0	0
ZA029 On 20/09/2016 Spot Bond			100.00000	76.68067	100.00000	76.51992				0.00	0	0
Total ZA029 SPOT										0.00	0	0
Total For ZA029										0.00	0	0
Total for SPOT												92,844,694,596,367,200.007,206,421,304,492 389,531,894,514
Total for SPOT :												92,844,694,596,367,200.00 206,421,304,492 389,531,894,514
Total Futures												92 844 694 999 396 000.00 206,421,306,431 389,532,648,844
Total Options										0.00	0	60,015
Grand Total:												92,844,694,999,396,000.00 206,421,306,431 389,532,708,859