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## INTEREST RATE AND CURRENCY DERIVATIVES

### DAILY MTM REPORT

DAILY SUMMARY FOR: 18/01/2019

Contract Details	Strike	Call / Put	MTM Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest	
<b>Derivatives</b>														
\$ / R	On 18/01/2019	Any day expiry	13.80080	13.80080		13.79570	13.79570		9.21	0.00	0.00	0	0.00	
\$ / R	On 21/01/2019	Any day expiry	13.80390	13.80390		13.79570	13.79570		9.27	0.00	0.00	0	1,901.00	
\$ / R	On 25/01/2019	Any day expiry	13.80400	13.80400		13.79410	13.79410		14.16	0.00	0.00	0	51.00	
\$ / R	On 30/01/2019	Any day expiry	13.81210	13.81210		13.80230	13.80230		14.64	0.00	0.00	0	1,018.00	
\$ / R	On 31/01/2019	Any day expiry	13.81360	13.81360		13.80390	13.80390		14.84	0.00	2,191,755.00	159	1,922.00	
\$ / R	On 31/01/2019	Any day expiry	13.00	Put	4.22580	0.00423	4.76920	0.00477	4.226	16.61	0.03	0.00	0	500.00
\$ / R	On 31/01/2019	Any day expiry	13.80	Put	147.51750	0.14752	157.82420	0.15782	147.518	14.84	0.48	0.00	0	600.00
\$ / R	On 31/01/2019	Any day expiry	13.95	Put	237.60810	0.23761	249.15210	0.24915	237.608	15.33	0.63	0.00	0	731.00
\$ / R	On 31/01/2019	Any day expiry	14.00	Call	85.82670	0.08583	87.89070	0.08789	85.827	15.50	0.33	0.00	0	731.00
\$ / R	On 31/01/2019	Any day expiry	14.20	Call	42.55520	0.04256	44.77350	0.04477	42.555	16.16	0.19	0.00	0	600.00
\$ / R	On 31/01/2019	Any day expiry	14.20	Put	428.95520	0.42896	440.87350	0.44087	428.955	16.16	0.81	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	14.25	Put	471.78580	0.47179	483.61860	0.48362	471.786	16.33	0.84	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	14.38	Call	21.60300	0.02160	23.40520	0.02341	21.603	16.76	0.10	0.00	0	500.00
\$ / R	On 31/01/2019	Any day expiry	14.55	Call	11.46000	0.01146	12.69150	0.01269	11.460	17.45	0.06	0.00	0	600.00
\$ / R	On 31/01/2019	Any day expiry	15.13	Call	2.01600	0.00202	2.14440	0.00214	2.016	20.87	0.01	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	15.47	Call	0.74760	0.00075	0.80880	0.00081	0.748	22.55	0.00	0.00	0	250.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest	
\$ / R		On 13/02/2019	Any day expiry		13.83320	13.83320	13.82490	13.82490		15.33	0.00	0.00	0	70.00	
\$ / R		On 15/02/2019	Any day expiry		13.83620	13.83620	13.82810	13.82810		15.45	0.00	83,096.40	6	6.00	
\$ / R		On 15/02/2019	Any day expiry	13.87	Put	254.66370	0.25466	262.53450	0.26253	254.664	15.51	0.51	0.00	0	22,000.00
\$ / R		On 25/02/2019	Any day expiry		13.85130	13.85130	13.84440	13.84440		15.36	0.00	0.00	0	15.00	
\$ / R		On 28/02/2019	Any day expiry		13.85620	13.85620	13.84930	13.84930		15.50	0.00	1,595,119.00	115	5,899.00	
\$ / R		On 28/02/2019	Any day expiry	13.00	Put	31.47420	0.03147	33.70510	0.03371	31.474	14.83	0.10	0.00	0	500.00
\$ / R		On 28/02/2019	Any day expiry	13.70	Put	210.40010	0.21040	217.41410	0.21741	210.400	15.29	0.40	0.00	0	600.00
\$ / R		On 28/02/2019	Any day expiry	14.20	Put	510.80250	0.51080	519.39320	0.51939	510.803	16.47	0.66	0.00	0	250.00
\$ / R		On 28/02/2019	Any day expiry	14.25	Call	153.93720	0.15394	155.67950	0.15568	153.937	16.61	0.32	0.00	0	600.00
\$ / R		On 28/02/2019	Any day expiry	14.25	Put	547.73720	0.54774	556.37950	0.55638	547.737	16.61	0.68	0.00	0	250.00
\$ / R		On 28/02/2019	Any day expiry	14.52	Call	98.53020	0.09853	100.31180	0.10031	98.530	17.37	0.22	0.00	0	500.00
\$ / R		On 28/02/2019	Any day expiry	14.75	Call	66.34170	0.06634	68.00340	0.06800	66.342	17.94	0.16	0.00	0	600.00
\$ / R		On 28/02/2019	Any day expiry	15.27	Call	26.74350	0.02674	27.87860	0.02788	26.743	19.19	0.07	0.00	0	250.00
\$ / R		On 28/02/2019	Any day expiry	15.63	Call	12.96980	0.01297	13.59160	0.01359	12.970	19.68	0.04	0.00	0	250.00
\$ / R		On 04/03/2019	Any day expiry		13.86280	13.86280	13.85580	13.85580		15.45	0.00	0.00	0	74.00	
\$ / R		On 05/03/2019	Any day expiry		13.86440	13.86440	13.85750	13.85750		15.49	0.00	0.00	0	80.00	
\$ / R		On 11/03/2019	Any day expiry		13.87430	13.87430	13.86730	13.86730		15.52	0.00	0.00	0	0.00	
\$ / R		On 11/03/2019	Any day expiry	13.94	Put	363.67330	0.36367	372.57700	0.37258	363.673	15.75	0.52	0.00	0	27,500.00
\$ / R		On 11/03/2019	Any day expiry	15.15	Call	52.44980	0.05245	54.24090	0.05424	52.450	18.73	0.11	0.00	0	27,500.00
\$ / R		On 18/03/2019	Foreign Exchange Future		13.88580	13.88580	13.87870	13.87870		15.68	0.00	297,614,351.40	21,433	530,065.00	
\$ / R		On 18/03/2019	Foreign Exchange Future	10.33	Put	0.13420	0.00013	0.16300	0.00016	0.134	22.27	0.00	0.00	0	1,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	11.74	Put	2.62580	0.00263	3.04130	0.00304	2.626	17.56	0.01	0.00	0	1,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	12.47	Put	8.14540	0.00815	8.84080	0.00884	8.145	14.05	0.03	0.00	0	721.00
\$ / R		On 18/03/2019	Foreign Exchange Future	12.51	Put	8.93410	0.00893	9.67030	0.00967	8.934	13.92	0.03	0.00	0	720.00
\$ / R		On 18/03/2019	Foreign Exchange Future	12.80	Put	26.72970	0.02673	28.75030	0.02875	26.730	14.25	0.07	0.00	0	7,520.00
\$ / R		On 18/03/2019	Foreign Exchange Future	12.90	Put	37.09980	0.03710	39.77570	0.03978	37.100	14.37	0.10	0.00	0	16,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	12.92	Put	39.50290	0.03950	42.32280	0.04232	39.503	14.39	0.10	0.00	0	139,342.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.00	Put	50.32800	0.05033	53.76710	0.05377	50.328	14.48	0.12	0.00	0	15,434.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.05	Put	58.14740	0.05815	62.00510	0.06201	58.147	14.54	0.14	0.00	0	1,155.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.12	Put	70.56630	0.07057	75.04860	0.07505	70.566	14.62	0.16	0.00	0	138,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.15	Put	76.44430	0.07644	81.20700	0.08121	76.444	14.65	0.17	0.00	0	10,125.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.25	Put	98.78590	0.09879	104.38960	0.10439	98.786	14.78	0.21	0.00	0	225,407.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.33	Put	119.84490	0.11984	126.02390	0.12602	119.845	14.89	0.24	0.00	0	135,043.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.36	Put	128.47270	0.12847	134.86540	0.13487	128.473	14.93	0.25	0.00	0	134,750.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.46	Put	160.21700	0.16022	167.28920	0.16729	160.217	15.07	0.29	0.00	0	20,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.50	Put	174.22420	0.17422	181.55700	0.18156	174.224	15.12	0.31	0.00	0	17,050.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.55	Put	192.80430	0.19280	200.45100	0.20045	192.804	15.19	0.33	0.00	0	10,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.60	Put	212.58500	0.21259	220.52610	0.22053	212.585	15.26	0.36	0.00	0	6,570.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.62	Put	220.83210	0.22083	228.88870	0.22889	220.832	15.29	0.37	0.00	0	6,432.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.68	Put	246.73360	0.24673	255.11560	0.25512	246.734	15.37	0.39	0.00	0	14,200.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.70	Put	255.75300	0.25575	264.23700	0.26424	255.753	15.40	0.40	0.00	0	2,500.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.72	Put	264.96440	0.26496	273.54720	0.27355	264.964	15.43	0.41	0.00	0	10,000.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.75	Put	279.13800	0.27914	287.86660	0.28787	279.138	15.47	0.43	0.00	0	17,981.00
\$ / R		On 18/03/2019	Foreign Exchange Future	13.79	Put	298.70560	0.29871	307.61320	0.30761	298.706	15.52	0.44	0.00	0	262,812.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 18/03/2019	Foreign Exchange Future	13.82	Put	313.87540	0.31388	322.90990	0.32291	313.875	15.56	0.46	1,908,683.31	300	2,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.85	Put	329.46940	0.32947	338.62360	0.33862	329.469	15.61	0.47	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.86	Put	334.76060	0.33476	343.95140	0.34395	334.761	15.62	0.48	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.90	Put	356.38270	0.35638	365.71860	0.36572	356.383	15.68	0.49	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.95	Call	321.45730	0.32146	323.83980	0.32384	321.457	15.80	0.48	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.00	Call	301.83950	0.30184	304.35010	0.30435	301.840	15.92	0.46	0.00	0	100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.00	Put	416.03950	0.41604	425.65010	0.42565	416.039	15.92	0.54	0.00	0	35,606.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.04	Put	441.11710	0.44112	450.81490	0.45081	441.117	16.02	0.56	0.00	0	7,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.20	Call	233.67130	0.23367	236.50150	0.23650	233.671	16.42	0.38	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.25	Call	219.00470	0.21900	221.87230	0.22187	219.005	16.54	0.36	0.00	0	750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.28	Put	604.82330	0.60482	614.80800	0.61481	604.823	16.62	0.65	0.00	0	7,028.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.30	Put	619.40420	0.61940	629.39690	0.62940	619.404	16.67	0.66	0.00	0	3,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.30	Call	205.20420	0.20520	208.09690	0.20810	205.204	16.67	0.34	0.00	0	250.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.35	Put	656.43290	0.65643	666.43770	0.66644	656.433	16.79	0.67	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.44	Put	725.04020	0.72504	735.03460	0.73503	725.040	17.01	0.70	0.00	0	7,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.45	Put	732.81100	0.73281	742.80120	0.74280	732.811	17.04	0.71	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.46	Call	166.41010	0.16641	169.29780	0.16930	166.410	17.06	0.29	0.00	0	6,332.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.48	Call	162.09010	0.16209	164.96970	0.16497	162.090	17.11	0.28	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.50	Call	157.88170	0.15788	160.75170	0.16075	157.882	17.16	0.28	0.00	0	225,780.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.50	Put	772.08170	0.77208	782.05170	0.78205	772.082	17.16	0.72	0.00	0	50.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.53	Put	795.96750	0.79597	805.91970	0.80592	795.968	17.24	0.73	0.00	0	108.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.56	Put	820.08670	0.82009	830.01990	0.83002	820.087	17.31	0.74	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.65	Put	893.57990	0.89358	903.44100	0.90344	893.580	17.52	0.77	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.74	Put	968.77650	0.96878	978.54620	0.97855	968.776	17.73	0.79	0.00	0	24,325.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.80	Call	105.65040	0.10565	108.25180	0.10825	105.650	17.86	0.20	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.81	Put	1,028.43070	1.02843	1,038.12170	1.03812	1,028.431	17.88	0.81	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.82	Put	1,037.03150	1.03703	1,046.70890	1.04671	1,037.031	17.91	0.81	0.00	0	4,145.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.83	Put	1,045.64960	1.04565	1,055.31630	1.05532	1,045.650	17.93	0.81	0.00	0	10,010.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.84	Put	1,054.28770	1.05429	1,063.94060	1.06394	1,054.288	17.95	0.81	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.00	Call	80.62790	0.08063	82.96980	0.08297	80.628	18.31	0.16	0.00	0	1,260.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.04	Put	1,230.59310	1.23059	1,239.97950	1.23998	1,230.593	18.40	0.85	0.00	0	63,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.10	Put	1,284.66270	1.28466	1,293.96490	1.29396	1,284.663	18.54	0.86	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.12	Put	1,302.79250	1.30279	1,312.06650	1.31207	1,302.793	18.58	0.86	0.00	0	99,824.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.13	Put	1,311.87610	1.31188	1,321.13710	1.32114	1,311.876	18.60	0.87	0.00	0	7,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.17	Call	64.13700	0.06414	66.24140	0.06624	64.137	18.69	0.13	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.19	Put	1,366.63970	1.36664	1,375.81580	1.37582	1,366.640	18.74	0.88	0.00	0	41,300.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.20	Put	1,375.80910	1.37581	1,384.96990	1.38497	1,375.809	18.76	0.88	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.22	Call	59.98100	0.05998	62.01350	0.06201	59.981	18.81	0.12	0.00	0	2,785.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.25	Call	57.62260	0.05762	59.61300	0.05961	57.623	18.88	0.12	0.00	0	1,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.32	Put	1,486.49060	1.48649	1,495.47790	1.49548	1,486.491	19.01	0.89	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.40	Call	46.30010	0.04630	48.05560	0.04806	46.300	19.12	0.10	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.45	Call	42.89550	0.04290	44.57130	0.04457	42.896	19.18	0.09	0.00	0	20,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.46	Call	42.24390	0.04224	43.90460	0.04390	42.244	19.20	0.09	0.00	0	108.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.50	Call	39.73320	0.03973	41.33130	0.04133	39.733	19.25	0.08	0.00	0	224,757.00

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\$ / R	On 18/03/2019	Foreign Exchange Future	15.54	Call	37.36600	0.03737	38.90280	0.03890	37.366	19.30	0.08	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.66	Call	31.05580	0.03106	32.41950	0.03242	31.056	19.46	0.07	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.81	Call	24.61590	0.02462	25.78020	0.02578	24.616	19.66	0.05	0.00	0	10.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.83	Call	23.86310	0.02386	25.00210	0.02500	23.863	19.68	0.05	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.89	Call	21.73710	0.02174	22.80420	0.02280	21.737	19.76	0.05	0.00	0	4,145.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.00	Call	18.31490	0.01831	19.25810	0.01926	18.315	19.91	0.04	0.00	0	1,906.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.13	Call	14.95340	0.01495	15.76610	0.01577	14.953	20.08	0.03	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.18	Call	13.83080	0.01383	14.59730	0.01460	13.831	20.14	0.03	0.00	0	1,800.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.30	Call	11.46900	0.01147	12.13370	0.01213	11.469	20.30	0.03	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.38	Call	10.12370	0.01012	10.72760	0.01073	10.124	20.41	0.02	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.58	Call	7.41570	0.00742	7.88790	0.00789	7.416	20.67	0.02	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.60	Call	7.18900	0.00719	7.64940	0.00765	7.189	20.69	0.02	0.00	0	50.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.96	Call	4.81140	0.00481	5.18870	0.00519	4.811	21.59	0.01	0.00	0	12,600.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.97	Call	4.76770	0.00477	5.14400	0.00514	4.768	21.62	0.01	0.00	0	63,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.02	Call	4.55710	0.00456	4.92770	0.00493	4.557	21.76	0.01	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.08	Call	4.32070	0.00432	4.68430	0.00468	4.321	21.94	0.01	0.00	0	7,028.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.09	Call	4.28280	0.00428	4.64540	0.00465	4.283	21.97	0.01	0.00	0	99,824.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.10	Call	4.24540	0.00425	4.60700	0.00461	4.245	22.00	0.01	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.23	Call	3.79770	0.00380	4.14470	0.00414	3.798	22.38	0.01	0.00	0	41,300.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.30	Call	3.58290	0.00358	3.92250	0.00392	3.583	22.58	0.01	0.00	0	10,125.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.50	Call	3.05520	0.00306	3.37400	0.00337	3.055	23.16	0.01	0.00	0	16,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	18.00	Call	2.13990	0.00214	2.41420	0.00241	2.140	24.63	0.01	0.00	0	14,200.00
\$ / R	On 18/03/2019	Foreign Exchange Future	18.40	Call	1.10830	0.00111	1.27200	0.00127	1.108	24.77	0.00	0.00	0	7,100.00
\$ / R	On 27/03/2019	Any day expiry			13.90100	13.90100	13.89390	13.89390		15.85	0.00	0.00	0	3,731.00
\$ / R	On 27/03/2019	Any day expiry	13.88	Put	368.00860	0.36801	376.61370	0.37661	368.009	15.82	0.48	0.00	0	32,000.00
\$ / R	On 27/03/2019	Any day expiry	14.00	Put	437.87790	0.43788	446.81090	0.44681	437.878	16.09	0.53	0.00	0	65,000.00
\$ / R	On 29/03/2019	Any day expiry			13.90470	13.90470	13.89740	13.89740		15.92	0.00	0.00	0	4,228.00
\$ / R	On 29/03/2019	Any day expiry	13.00	Put	67.31040	0.06731	71.18000	0.07118	67.310	14.79	0.14	0.00	0	500.00
\$ / R	On 29/03/2019	Any day expiry	13.45	Put	182.37960	0.18238	188.88350	0.18888	182.380	15.31	0.30	0.00	0	600.00
\$ / R	On 29/03/2019	Any day expiry	13.87	Call	402.85080	0.40285	404.00530	0.40401	402.851	15.88	0.53	0.00	0	600.00
\$ / R	On 29/03/2019	Any day expiry	14.20	Put	572.48100	0.57248	581.66230	0.58166	572.481	16.62	0.60	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	14.25	Put	607.00780	0.60701	616.24990	0.61625	607.008	16.74	0.62	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	14.40	Call	220.05520	0.22006	222.10610	0.22211	220.055	17.09	0.33	0.00	0	600.00
\$ / R	On 29/03/2019	Any day expiry	14.67	Call	160.57360	0.16057	162.64580	0.16265	160.574	17.70	0.26	0.00	0	500.00
\$ / R	On 29/03/2019	Any day expiry	15.43	Call	65.20380	0.06520	66.77380	0.06677	65.204	19.31	0.12	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	15.79	Call	41.67700	0.04168	42.90390	0.04290	41.677	19.92	0.08	0.00	0	250.00
\$ / R	On 02/04/2019	Any day expiry			13.91210	13.91210	13.90430	13.90430		15.92	0.00	0.00	0	55.00
\$ / R	On 05/04/2019	Any day expiry			13.91760	13.91760	13.90950	13.90950		16.02	0.00	0.00	0	0.00
\$ / R	On 05/04/2019	Any day expiry	13.76	Put	327.38150	0.32738	335.27800	0.33528	327.382	15.83	0.42	0.00	0	100.00
\$ / R	On 05/04/2019	Any day expiry	14.35	Call	257.87420	0.25787	259.13970	0.25914	257.874	17.02	0.36	0.00	0	100.00
\$ / R	On 15/04/2019	Any day expiry			13.93610	13.93610	13.92680	13.92680		16.15	0.00	0.00	0	260.00
\$ / R	On 26/04/2019	Any day expiry			13.95600	13.95600	13.94570	13.94570		16.27	0.00	0.00	0	349.00
\$ / R	On 30/04/2019	Any day expiry			13.96280	13.96280	13.95250	13.95250		16.27	0.00	0.00	0	345.00
\$ / R	On 30/04/2019	Any day expiry	13.00	Put	109.34210	0.10934	113.60640	0.11361	109.342	15.12	0.18	0.00	0	3,000.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 30/04/2019	Any day expiry	13.49	Call	727.28170	0.72728	723.75550	0.72376	727.282	15.62	0.68	0.00	0	2,500.00
\$ / R	On 30/04/2019	Any day expiry	14.20	Put	625.51960	0.62552	635.08580	0.63509	625.520	16.77	0.56	0.00	0	250.00
\$ / R	On 30/04/2019	Any day expiry	14.25	Put	658.46460	0.65846	668.15390	0.66815	658.465	16.88	0.57	0.00	0	250.00
\$ / R	On 30/04/2019	Any day expiry	14.84	Call	217.88350	0.21788	218.18410	0.21818	217.883	18.07	0.28	0.00	0	500.00
\$ / R	On 30/04/2019	Any day expiry	15.61	Call	108.95060	0.10895	109.56350	0.10956	108.951	19.55	0.15	0.00	0	250.00
\$ / R	On 30/04/2019	Any day expiry	15.96	Call	79.31600	0.07932	79.91850	0.07992	79.316	20.14	0.11	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry			14.01580	14.01580	14.00540	14.00540		16.54	0.00	0.00	0	238.00
\$ / R	On 31/05/2019	Any day expiry	13.00	Put	146.14630	0.14615	150.98840	0.15099	146.146	15.31	0.19	0.00	0	500.00
\$ / R	On 31/05/2019	Any day expiry	14.20	Put	670.90950	0.67091	680.49160	0.68049	670.909	16.91	0.53	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry	14.25	Put	702.85050	0.70285	712.55470	0.71255	702.851	17.00	0.54	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry	15.01	Call	264.07650	0.26408	264.54170	0.26454	264.077	18.40	0.29	0.00	0	500.00
\$ / R	On 31/05/2019	Any day expiry	15.79	Call	147.12780	0.14713	147.93610	0.14794	147.128	19.73	0.17	0.00	0	250.00
\$ / R	On 31/05/2019	Any day expiry	16.15	Call	112.27760	0.11228	113.09720	0.11310	112.278	20.27	0.14	0.00	0	250.00
\$ / R	On 03/06/2019	Any day expiry			14.02090	14.02090	14.01060	14.01060		16.52	0.00	0.00	0	0.00
\$ / R	On 04/06/2019	Any day expiry			14.02260	14.02260	14.01230	14.01230		16.53	0.00	0.00	0	74.00
\$ / R	On 14/06/2019	Foreign Exchange Future			14.03970	14.03970	14.02930	14.02930		16.68	0.00	2,470,987.20	176	109,867.00
\$ / R	On 14/06/2019	Foreign Exchange Future	10.69	Put	4.83380	0.00483	4.94900	0.00495	4.834	18.45	0.01	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	12.28	Put	52.18040	0.05218	54.07370	0.05407	52.180	15.55	0.08	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	12.75	Put	107.64100	0.10764	111.61490	0.11161	107.641	15.20	0.15	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	12.98	Put	156.93790	0.15694	161.87880	0.16188	156.938	15.37	0.20	0.00	0	911.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.00	Put	161.86170	0.16186	166.88670	0.16689	161.862	15.39	0.20	0.00	0	165,703.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.24	Put	229.39860	0.22940	235.43980	0.23544	229.399	15.57	0.26	0.00	0	30,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.25	Put	232.56100	0.23256	238.64630	0.23865	232.561	15.57	0.26	0.00	0	1,282.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.83	Put	477.96300	0.47796	486.38640	0.48639	477.963	16.36	0.42	0.00	0	25,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.88	Put	504.03710	0.50404	512.62940	0.51263	504.037	16.43	0.44	0.00	0	5,035.00
\$ / R	On 14/06/2019	Foreign Exchange Future	13.98	Call	618.02310	0.61802	616.54600	0.61655	618.023	16.58	0.54	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.00	Put	569.51590	0.56952	578.49900	0.57850	569.516	16.61	0.47	0.00	0	143,900.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.07	Put	609.75950	0.60976	618.94830	0.61895	609.759	16.71	0.49	0.00	0	39,589.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.20	Put	688.89070	0.68889	698.42340	0.69842	688.891	16.94	0.52	0.00	0	13,600.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.25	Put	720.48340	0.72048	730.13750	0.73014	720.483	17.03	0.53	0.00	0	1,282.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.42	Call	452.13590	0.45214	451.75610	0.45176	452.136	17.33	0.43	0.00	0	30.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.58	Call	403.49470	0.40349	403.40210	0.40340	403.495	17.61	0.39	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.63	Put	979.70280	0.97970	990.08960	0.99009	979.703	17.70	0.62	0.00	0	8,203.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.65	Put	994.20780	0.99421	1,004.62230	1.00462	994.208	17.73	0.63	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	14.82	Call	340.44060	0.34044	340.69110	0.34069	340.441	18.03	0.34	0.00	0	30,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.10	Call	280.08240	0.28008	280.63440	0.28063	280.082	18.54	0.29	0.00	0	1,500.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.32	Call	240.80140	0.24080	241.51560	0.24152	240.801	18.94	0.25	0.00	0	1,980.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.50	Call	212.66990	0.21267	213.47310	0.21347	212.670	19.25	0.23	0.00	0	145,182.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.62	Call	195.08980	0.19509	195.93930	0.19594	195.090	19.43	0.21	0.00	0	5,035.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.64	Call	192.31220	0.19231	193.16650	0.19317	192.312	19.45	0.21	0.00	0	39,589.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.80	Call	171.54310	0.17154	172.43550	0.17244	171.543	19.68	0.19	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.89	Call	160.92540	0.16093	161.83220	0.16183	160.925	19.81	0.18	0.00	0	6,800.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.92	Call	157.54260	0.15754	158.45470	0.15845	157.543	19.86	0.18	0.00	0	911.00
\$ / R	On 14/06/2019	Foreign Exchange Future	16.00	Call	148.89690	0.14890	149.81370	0.14981	148.897	19.97	0.17	0.00	0	20.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 14/06/2019	Foreign Exchange Future	16.09	Call	139.78060	0.13978	140.70200	0.14070	139.781	20.10	0.16	0.00	0	6,800.00
\$ / R	On 14/06/2019	Foreign Exchange Future	17.96	Call	48.39420	0.04839	49.57020	0.04957	48.394	23.48	0.06	0.00	0	8,203.00
\$ / R	On 20/06/2019	Any day expiry			14.05000	14.05000	14.03960	14.03960		16.68	0.00	0.00	0	0.00
\$ / R	On 28/06/2019	Any day expiry			14.06370	14.06370	14.05320	14.05320		16.71	0.00	0.00	0	333.00
\$ / R	On 28/06/2019	Any day expiry	13.00	Put	176.52380	0.17652	181.74990	0.18175	176.524	15.44	0.21	0.00	0	500.00
\$ / R	On 28/06/2019	Any day expiry	14.20	Put	705.31530	0.70532	714.90980	0.71491	705.315	16.96	0.51	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	14.25	Put	736.55750	0.73656	746.27480	0.74627	736.558	17.05	0.52	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	15.17	Call	298.68650	0.29869	299.31490	0.29931	298.687	18.63	0.29	0.00	0	500.00
\$ / R	On 28/06/2019	Any day expiry	15.96	Call	177.06950	0.17707	178.06450	0.17806	177.070	19.84	0.19	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	16.32	Call	139.70210	0.13970	140.72120	0.14072	139.702	20.33	0.15	0.00	0	250.00
\$ / R	On 01/07/2019	Any day expiry			14.06880	14.06880	14.05830	14.05830		16.69	0.00	0.00	0	55.00
\$ / R	On 03/07/2019	Any day expiry			14.07220	14.07220	14.06180	14.06180		16.71	0.00	0.00	0	0.00
\$ / R	On 03/07/2019	Any day expiry	13.45	Put	327.26290	0.32726	334.32710	0.33433	327.263	15.85	0.32	0.00	0	39,250.00
\$ / R	On 03/07/2019	Any day expiry	16.44	Call	136.14180	0.13614	137.19600	0.13720	136.142	20.46	0.14	0.00	0	39,250.00
\$ / R	On 31/07/2019	Any day expiry			14.12060	14.12060	14.11010	14.11010		16.84	0.00	0.00	0	0.00
\$ / R	On 31/07/2019	Any day expiry	13.00	Put	207.70630	0.20771	213.45540	0.21346	207.706	15.52	0.22	0.00	0	500.00
\$ / R	On 31/07/2019	Any day expiry	14.20	Put	739.95400	0.73995	749.80110	0.74980	739.954	17.00	0.49	0.00	0	250.00
\$ / R	On 31/07/2019	Any day expiry	14.25	Put	770.57570	0.77058	780.53860	0.78054	770.576	17.07	0.50	0.00	0	250.00
\$ / R	On 31/07/2019	Any day expiry	15.34	Call	338.94070	0.33894	339.84500	0.33984	338.941	18.84	0.30	0.00	0	500.00
\$ / R	On 31/07/2019	Any day expiry	16.14	Call	212.35130	0.21235	213.59660	0.21360	212.351	19.94	0.20	0.00	0	250.00
\$ / R	On 31/07/2019	Any day expiry	16.50	Call	172.69560	0.17270	173.97830	0.17398	172.696	20.41	0.17	0.00	0	250.00
\$ / R	On 01/08/2019	Any day expiry			14.12240	14.12240	14.11190	14.11190		16.85	0.00	0.00	0	55.00
\$ / R	On 13/08/2019	Any day expiry			14.14380	14.14380	14.13310	14.13310		16.92	0.00	0.00	0	0.00
\$ / R	On 13/08/2019	Any day expiry	14.48	Put	928.75830	0.92876	939.45310	0.93945	928.758	17.43	0.55	0.00	0	3,147.00
\$ / R	On 13/08/2019	Any day expiry	16.35	Call	209.32830	0.20933	210.71100	0.21071	209.328	20.17	0.19	0.00	0	3,147.00
\$ / R	On 30/08/2019	Any day expiry			14.17400	14.17400	14.16320	14.16320		16.95	0.00	0.00	0	0.00
\$ / R	On 30/08/2019	Any day expiry	13.00	Put	232.31530	0.23232	238.61700	0.23862	232.315	15.56	0.22	0.00	0	500.00
\$ / R	On 30/08/2019	Any day expiry	14.20	Put	767.32780	0.76733	777.68660	0.77769	767.328	17.02	0.48	0.00	0	250.00
\$ / R	On 30/08/2019	Any day expiry	14.25	Put	797.49530	0.79750	807.96400	0.80796	797.495	17.10	0.49	0.00	0	250.00
\$ / R	On 30/08/2019	Any day expiry	15.52	Call	368.72970	0.36873	370.00840	0.37001	368.730	19.07	0.30	0.00	0	500.00
\$ / R	On 30/08/2019	Any day expiry	16.33	Call	240.56660	0.24057	242.12100	0.24212	240.567	20.10	0.21	0.00	0	250.00
\$ / R	On 30/08/2019	Any day expiry	16.70	Call	199.29400	0.19929	200.86050	0.20086	199.294	20.57	0.17	0.00	0	250.00
\$ / R	On 02/09/2019	Any day expiry			14.17940	14.17940	14.16850	14.16850		16.99	0.00	0.00	0	55.00
\$ / R	On 04/09/2019	Any day expiry	14.18290		14.18290	14.18290	14.17200	14.17200		17.01	0.00	0.00	0	74.00
\$ / R	On 05/09/2019	Any day expiry	14.18470		14.18470	14.18470	14.17380	14.17380		17.01	0.00	0.00	0	0.00
\$ / R	On 05/09/2019	Any day expiry	19.00	Call	78.10920	0.07811	79.09400	0.07909	78.109	23.59	0.07	0.00	0	20,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future			14.20430	14.20430	14.19330	14.19330		17.00	0.00	0.00	0	14,290.00
\$ / R	On 16/09/2019	Foreign Exchange Future	10.75	Put	8.66080	0.00866	8.67190	0.00867	8.661	15.86	0.01	0.00	0	1,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	12.50	Put	126.11060	0.12611	129.73770	0.12974	126.111	15.12	0.14	0.00	0	1,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	13.25	Put	324.51470	0.32451	332.13690	0.33214	324.515	15.76	0.27	0.00	0	3,900.00
\$ / R	On 16/09/2019	Foreign Exchange Future	13.91	Put	616.71120	0.61671	626.64380	0.62664	616.711	16.58	0.41	0.00	0	81,930.00
\$ / R	On 16/09/2019	Foreign Exchange Future	13.97	Put	648.99320	0.64899	659.10310	0.65910	648.993	16.66	0.42	0.00	0	800.00
\$ / R	On 16/09/2019	Foreign Exchange Future	14.09	Put	715.95940	0.71596	726.40740	0.72641	715.959	16.84	0.45	0.00	0	33,715.00
\$ / R	On 16/09/2019	Foreign Exchange Future	14.21	Put	786.02700	0.78603	796.78040	0.79678	786.027	17.02	0.47	0.00	0	2,700.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 16/09/2019	Foreign Exchange Future	14.33	Put	859.00860	0.85901	870.02630	0.87003	859.009	17.19	0.50	0.00	0	33,151.00
\$ / R	On 16/09/2019	Foreign Exchange Future	15.38	Put	1,606.51620	1.60652	1,618.89690	1.61890	1,606.516	18.78	0.67	0.00	0	5,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	15.56	Put	1,750.56480	1.75056	1,763.05200	1.76305	1,750.565	19.06	0.70	0.00	0	2,571.00
\$ / R	On 16/09/2019	Foreign Exchange Future	15.87	Call	337.67250	0.33767	339.31030	0.33931	337.673	19.45	0.27	0.00	0	1,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.23	Call	178.32130	0.17832	180.06390	0.18006	178.321	21.25	0.15	0.00	0	800.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.64	Call	154.81190	0.15481	156.56500	0.15656	154.812	22.01	0.13	0.00	0	5,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.85	Call	144.64180	0.14464	146.39050	0.14639	144.642	22.40	0.12	0.00	0	2,700.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.93	Call	141.05560	0.14106	142.80380	0.14280	141.056	22.55	0.12	0.00	0	2,571.00
\$ / R	On 16/09/2019	Foreign Exchange Future	18.29	Call	126.64790	0.12665	128.37660	0.12838	126.648	23.22	0.11	0.00	0	81,930.00
\$ / R	On 16/09/2019	Foreign Exchange Future	18.47	Call	119.62690	0.11963	121.33780	0.12134	119.627	23.51	0.10	0.00	0	1,200.00
\$ / R	On 16/09/2019	Foreign Exchange Future	18.63	Call	108.78100	0.10878	110.41650	0.11042	108.781	23.51	0.09	0.00	0	33,715.00
\$ / R	On 16/09/2019	Foreign Exchange Future	19.32	Call	71.61280	0.07161	72.92710	0.07293	71.613	23.51	0.07	0.00	0	33,151.00
\$ / R	On 30/09/2019	Any day expiry			14.22920	14.22920	14.21800	14.21800		17.07	0.00	0.00	0	0.00
\$ / R	On 30/09/2019	Any day expiry	13.00	Put	255.22080	0.25522	261.86500	0.26186	255.221	15.57	0.22	0.00	0	500.00
\$ / R	On 30/09/2019	Any day expiry	14.20	Put	790.58530	0.79059	801.91660	0.80192	790.585	17.00	0.47	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	14.25	Put	820.46920	0.82047	831.78840	0.83179	820.469	17.07	0.48	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	15.68	Call	400.16640	0.40017	400.83950	0.40084	400.166	19.20	0.30	0.00	0	500.00
\$ / R	On 30/09/2019	Any day expiry	16.50	Call	270.12420	0.27012	271.72530	0.27173	270.124	20.19	0.21	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	16.89	Call	225.72510	0.22573	227.67610	0.22768	225.725	20.66	0.18	0.00	0	250.00
\$ / R	On 02/10/2019	Any day expiry			14.23280	14.23280	14.22160	14.22160		17.09	0.00	0.00	0	55.00
\$ / R	On 31/10/2019	Any day expiry			14.28470	14.28470	14.27330	14.27330		17.16	0.00	0.00	0	55.00
\$ / R	On 31/10/2019	Any day expiry	13.00	Put	277.60560	0.27761	284.83780	0.28484	277.606	15.63	0.23	0.00	0	500.00
\$ / R	On 31/10/2019	Any day expiry	14.20	Put	813.41510	0.81342	825.36550	0.82537	813.415	17.02	0.45	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	14.25	Put	843.03990	0.84304	855.10120	0.85510	843.040	17.09	0.46	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	15.87	Call	424.55310	0.42455	426.02390	0.42602	424.553	19.36	0.30	0.00	0	500.00
\$ / R	On 31/10/2019	Any day expiry	16.70	Call	295.70230	0.29570	297.96080	0.29796	295.702	20.35	0.22	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	17.09	Call	251.43800	0.25144	253.90420	0.25390	251.438	20.81	0.19	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry			14.33750	14.33750	14.32580	14.32580		17.23	0.00	0.00	0	0.00
\$ / R	On 29/11/2019	Any day expiry	13.00	Put	296.72650	0.29673	304.65010	0.30465	296.727	15.67	0.23	0.00	0	500.00
\$ / R	On 29/11/2019	Any day expiry	14.20	Put	831.67820	0.83168	843.67310	0.84367	831.678	17.01	0.44	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	14.25	Put	861.07080	0.86107	873.18690	0.87319	861.071	17.09	0.45	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	16.03	Call	449.04080	0.44904	451.43650	0.45144	449.041	19.47	0.30	0.00	0	500.00
\$ / R	On 29/11/2019	Any day expiry	16.87	Call	320.41890	0.32042	322.93890	0.32294	320.419	20.45	0.22	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	17.26	Call	277.20680	0.27721	279.69550	0.27970	277.207	20.93	0.20	0.00	0	250.00
\$ / R	On 02/12/2019	Any day expiry			14.34300	14.34300	14.33130	14.33130		17.21	0.00	0.00	0	55.00
\$ / R	On 04/12/2019	Any day expiry			14.34670	14.34670	14.33490	14.33490		17.22	0.00	0.00	0	321.00
\$ / R	On 13/12/2019	Foreign Exchange Future			14.36310	14.36310	14.35120	14.35120		17.22	0.00	0.00	0	10,100.00
\$ / R	On 13/12/2019	Foreign Exchange Future	11.89	Put	47.52020	0.04752	48.64630	0.04865	47.520	13.23	0.06	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	13.66	Put	554.39950	0.55440	565.02330	0.56502	554.399	16.24	0.34	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	14.07	Put	765.88740	0.76589	777.79180	0.77779	765.887	16.82	0.42	0.00	0	1,351.00
\$ / R	On 13/12/2019	Foreign Exchange Future	16.85	Call	344.92430	0.34492	347.54640	0.34755	344.924	20.38	0.23	0.00	0	1,351.00
\$ / R	On 13/12/2019	Foreign Exchange Future	17.38	Call	287.23610	0.28724	289.81860	0.28982	287.236	21.08	0.20	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	20.00	Call	107.69280	0.10769	109.49060	0.10949	107.693	23.18	0.08	0.00	0	2,000.00
\$ / R	On 31/12/2019	Any day expiry			14.39590	14.39590	14.38380	14.38380		17.27	0.00	0.00	0	0.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
\$ / R	On 31/12/2019	Any day expiry	13.00	Put	315.87260	0.31587	324.19500	0.32419	315.873	15.69	0.23	0.00	0	500.00
\$ / R	On 31/12/2019	Any day expiry	14.20	Put	848.85130	0.84885	861.38210	0.86138	848.851	16.99	0.43	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	14.25	Put	877.99450	0.87799	890.65460	0.89065	877.994	17.06	0.44	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	16.21	Call	473.10460	0.47310	475.75590	0.47576	473.105	19.57	0.30	0.00	0	500.00
\$ / R	On 31/12/2019	Any day expiry	17.05	Call	346.49250	0.34649	349.23680	0.34924	346.493	20.52	0.23	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	17.44	Call	304.67420	0.30467	307.38240	0.30738	304.674	21.03	0.20	0.00	0	250.00
\$ / R	On 02/01/2020	Any day expiry	14.39950		14.39950	14.39950	14.38750	14.38750		17.28	0.00	0.00	0	55.00
\$ / R	On 31/01/2020	Any day expiry	14.45320		14.45320	14.45320	14.44100	14.44100		17.36	0.00	0.00	0	55.00
\$ / R	On 02/03/2020	Any day expiry	14.51300		14.51300	14.51300	14.50050	14.50050		17.48	0.00	0.00	0	55.00
\$ / R	On 16/03/2020	Foreign Exchange Future			14.53990	14.53990	14.52730	14.52730		17.57	0.00	0.00	0	4,566.00
\$ / R	On 16/03/2020	Foreign Exchange Future	11.91	Put	77.02610	0.07703	80.45860	0.08046	77.026	13.62	0.08	0.00	0	1,000.00
\$ / R	On 16/03/2020	Foreign Exchange Future	14.01	Put	786.71100	0.78671	797.36430	0.79736	786.711	16.83	0.38	0.00	0	1,000.00
\$ / R	On 16/03/2020	Foreign Exchange Future	17.73	Call	393.81160	0.39381	396.48360	0.39648	393.812	21.33	0.23	0.00	0	1,000.00
\$ / R	On 02/04/2020	Any day expiry	14.57270		14.57270	14.57270	14.56000	14.56000		17.61	0.00	0.00	0	55.00
\$ / R	On 29/04/2020	Any day expiry	14.62480		14.62480	14.62480	14.61180	14.61180		17.69	0.00	0.00	0	55.00
\$ / R	On 02/06/2020	Any day expiry	14.69030		14.69030	14.69030	14.67700	14.67700		17.84	0.00	0.00	0	1,055.00
\$ / R	On 12/06/2020	Foreign Exchange Future	14.70960		14.70960	14.70960	14.69620	14.69620		17.85	0.00	0.00	0	0.00
\$ / R	On 28/07/2020	Any day expiry	14.79830		14.79830	14.79830	14.78450	14.78450		17.97	0.00	0.00	0	84,000.00
\$ / R	On 14/09/2020	Foreign Exchange Future	14.89080		14.89080	14.89080	14.87660	14.87660		18.08	0.00	0.00	0	0.00
\$ / R MAXI	On 18/03/2019	Foreign Exchange Future			13.88580	13.88580	13.87870	13.87870		15.68	0.00	0.00	0	422.00
\$ / R MAXI	On 14/06/2019	Foreign Exchange Future			14.03970	14.03970	14.02930	14.02930		16.68	0.00	0.00	0	0.00
\$ / R MAXI	On 16/09/2019	Foreign Exchange Future			14.20430	14.20430	14.19330	14.19330		17.00	0.00	0.00	0	0.00
\$ / R MAXI	On 13/12/2019	Foreign Exchange Future			14.36310	14.36310	14.35120	14.35120		17.22	0.00	0.00	0	0.00
\$ / R MAXI	On 16/03/2020	Foreign Exchange Future			14.53990	14.53990	14.52730	14.52730		17.57	0.00	0.00	0	0.00
£ / R	On 18/01/2019	Any day expiry			17.81860	17.81860	17.97180	17.97180		12.10	0.00	179,718.00	10	0.00
£ / R	On 21/01/2019	Any day expiry			17.82360	17.82360	17.82020	17.82020		12.29	0.00	0.00	0	4,112.00
£ / R	On 31/01/2019	Any day expiry			17.84240	17.84240	17.83530	17.83530		14.17	0.00	482,959.80	27	27.00
£ / R	On 28/02/2019	Any day expiry			17.92080	17.92080	17.91890	17.91890		14.90	0.00	89,859.00	5	47.00
£ / R	On 18/03/2019	Foreign Exchange Future			17.97510	17.97510	17.97290	17.97290		15.10	0.00	233,676.30	13	394,778.00
£ / R	On 18/03/2019	Foreign Exchange Future	18.00	Put	448.16320	0.44816	453.91640	0.45392	448.163	15.10	0.50	0.00	0	500.00
£ / R	On 18/03/2019	Foreign Exchange Future	19.00	Call	136.28070	0.13628	138.99140	0.13899	136.281	16.41	0.21	0.00	0	2,500.00
£ / R	On 18/03/2019	Foreign Exchange Future	19.19	Put	1,322.83070	1.32283	1,327.69900	1.32770	1,322.831	16.64	0.83	0.00	0	1,000.00
£ / R	On 18/03/2019	Foreign Exchange Future	20.00	Call	39.61250	0.03961	41.26600	0.04127	39.613	17.71	0.07	0.00	0	500.00
£ / R	On 18/03/2019	Foreign Exchange Future	20.18	Call	32.15860	0.03216	33.33670	0.03334	32.159	18.01	0.06	0.00	0	1,500.00
£ / R	On 18/03/2019	Foreign Exchange Future	21.44	Call	8.12490	0.00812	7.93810	0.00794	8.125	20.08	0.02	0.00	0	500.00
£ / R	On 29/03/2019	Any day expiry			18.00980	18.00980	18.00710	18.00710		15.21	0.00	0.00	0	80.00
£ / R	On 15/04/2019	Any day expiry			18.06760	18.06760	18.06070	18.06070		15.23	0.00	0.00	0	43.00
£ / R	On 26/04/2019	Any day expiry			18.10400	18.10400	18.09520	18.09520		15.35	0.00	0.00	0	120.00
£ / R	On 14/06/2019	Foreign Exchange Future			18.25490	18.25490	18.24610	18.24610		15.60	0.00	0.00	0	5,764.00
£ / R	On 16/09/2019	Foreign Exchange Future			18.55190	18.55190	18.54180	18.54180		15.79	0.00	13,821,165.50	745	15,609.00
£ / R	On 13/12/2019	Foreign Exchange Future			18.83320	18.83320	18.82220	18.82220		15.94	0.00	0.00	0	247.00
£ / R	On 16/03/2020	Foreign Exchange Future			19.14670	19.14670	19.13150	19.13150		16.54	0.00	0.00	0	0.00



Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
¥ / R	On 18/03/2019	Foreign Exchange Future			0.12733		0.12733		0.12796	0.12796		21.21	0.00	100,972.69	793	10,779.00
¥ / R	On 14/06/2019	Foreign Exchange Future			0.12972		0.12972		0.13030	0.13030		21.29	0.00	0.00	0	0.00
¥ / R	On 16/09/2019	Foreign Exchange Future			0.13229		0.13229		0.13287	0.13287		21.34	0.00	0.00	0	0.00
¥ / R	On 13/12/2019	Foreign Exchange Future			0.13475		0.13475		0.13534	0.13534		21.43	0.00	0.00	0	0.00
¥ / R	On 16/03/2020	Foreign Exchange Future			0.13761		0.13761		0.13820	0.13820		21.51	0.00	0.00	0	0.00
€ / R	On 21/01/2019	Any day expiry			15.70760		15.70760		15.71560	15.71560		8.66	0.00	0.00	0	4,830.00
€ / R	On 20/02/2019	Any day expiry			15.78700		15.78700		15.80290	15.80290		13.85	0.00	0.00	0	0.00
€ / R	On 20/02/2019	Any day expiry	15.80	Put	268.99050		0.26899		0.00000	0.00000	268.990	13.85	0.50	394,756,442.00	50,000	25,000.00
€ / R	On 28/02/2019	Any day expiry			15.81070		15.81070		15.82030	15.82030		14.00	0.00	0.00	0	29.00
€ / R	On 18/03/2019	Foreign Exchange Future			15.86850		15.86850		15.87790	15.87790		14.16	0.00	480,069,730.50	30,253	130,964.00
€ / R	On 18/03/2019	Foreign Exchange Future	16.00	Call	307.95990		0.30796		314.53030	0.31453	307.960	14.48	0.46	0.00	0	650.00
€ / R	On 29/03/2019	Any day expiry			15.85950		15.85950		15.86880	15.86880		14.33	0.00	0.00	0	53.00
€ / R	On 15/04/2019	Any day expiry			15.96790		15.96790		15.97200	15.97200		14.58	0.00	0.00	0	4.00
€ / R	On 26/04/2019	Any day expiry			16.00700		16.00700		16.00900	16.00900		14.76	0.00	0.00	0	1.00
€ / R	On 14/06/2019	Foreign Exchange Future			16.16890		16.16890		16.17150	16.17150		15.17	0.00	2,845,726.40	176	24,570.00
€ / R	On 14/08/2019	Any day expiry			16.37640		16.37640		16.37990	16.37990		15.56	0.00	0.00	0	0.00
€ / R	On 14/08/2019	Any day expiry	17.01	Put	1,178.84990		1.17885		1,177.78360	1.17778	1,178.850	16.39	0.60	0.00	0	16,200.00
€ / R	On 14/08/2019	Any day expiry	19.65	Call	143.33390		0.14333		144.58940	0.14459	143.334	19.76	0.13	0.00	0	62,400.00
€ / R	On 16/09/2019	Foreign Exchange Future			16.49180		16.49180		16.49390	16.49390		15.68	0.00	0.00	0	22,079.00
€ / R	On 16/09/2019	Foreign Exchange Future	18.60	Call	312.50320		0.31250		313.96310	0.31396	312.503	18.42	0.23	0.00	0	55,000.00
€ / R	On 13/12/2019	Foreign Exchange Future			16.80100		16.80100		16.80390	16.80390		15.97	0.00	0.00	0	12,777.00
€ / R	On 13/12/2019	Foreign Exchange Future	13.73	Put	61.48950		0.06149		61.46300	0.06146	61.489	14.26	0.06	0.00	0	17,150.00
€ / R	On 13/12/2019	Foreign Exchange Future	16.15	Put	656.51470		0.65651		657.43390	0.65743	656.515	15.18	0.36	0.00	0	17,150.00
€ / R	On 13/12/2019	Foreign Exchange Future	20.62	Call	285.10160		0.28510		286.68000	0.28668	285.102	20.82	0.17	0.00	0	17,150.00
€ / R	On 16/03/2020	Foreign Exchange Future			17.11350		17.11350		17.11300	17.11300		16.30	0.00	0.00	0	0.00
5Y STND	On 21/12/2021	Interest Rate Swap			96.92000		96.92000		96.80000	96.80000			0.00	0.00	0	51.00
AL37	On 07/02/2019	Index Future			613.18100		613.18100		614.68800	614.68800			0.00	0.00	0	0.00
AL37	On 02/05/2019	Index Future			623.86900		623.86900		625.40300	625.40300			0.00	0.00	0	0.00
AL37	On 01/08/2019	Index Future			636.02000		636.02000		637.58500	637.58500			0.00	0.00	0	0.00
AL7T	On 07/02/2019	Index Future			705.99200		705.99200		709.86200	709.86200			0.00	0.00	0	0.00
AL7T	On 02/05/2019	Index Future			718.29800		718.29800		722.23600	722.23600			0.00	0.00	0	0.00
AL7T	On 01/08/2019	Index Future			732.28800		732.28800		736.30400	736.30400			0.00	0.00	0	0.00
ALBI	On 07/02/2019	Index Future			638.49500		638.49500		643.22500	643.22500			0.00	4,795,097,450.00	751	396.00
ALBI	On 02/05/2019	Index Future			649.62400		649.62400		654.43800	654.43800			0.00	4,878,676,240.00	751	751.00
ALBI	On 01/08/2019	Index Future			662.27700		662.27700		667.18500	667.18500			0.00	0.00	0	0.00
AU\$ / R	On 18/03/2019	Foreign Exchange Future			9.98440		9.98440		9.95110	9.95110		12.42	0.00	928,549.20	93	7,452.00
AU\$ / R	On 14/06/2019	Foreign Exchange Future			10.10740		10.10740		10.07130	10.07130		12.93	0.00	0.00	0	15,741.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
AU\$ / R	On 16/09/2019	Foreign Exchange Future			10.24010		10.24010		10.20360	10.20360		13.01	0.00	0.00	0	813.00
AU\$ / R	On 13/12/2019	Foreign Exchange Future			10.36930		10.36930		10.33110	10.33110		12.99	0.00	0.00	0	400.00
AU\$ / R	On 13/12/2019	Foreign Exchange Future	11.00	Call	304.76400		0.30476		297.75010	0.29775	304.764	13.98	0.35	0.00	0	1,000.00
AU\$ / R	On 16/03/2020	Foreign Exchange Future			10.51270		10.51270		10.47340	10.47340		13.51	0.00	0.00	0	0.00
CAD/ R	On 18/03/2019	Foreign Exchange Future			10.48000		10.48000		10.44960	10.44960		13.23	0.00	0.00	0	500.00
CAD/ R	On 14/06/2019	Foreign Exchange Future			10.61770		10.61770		10.58370	10.58370		13.75	0.00	2,654,425.00	250	400.00
CAD/ R	On 16/09/2019	Foreign Exchange Future			10.76230		10.76230		10.72760	10.72760		13.97	0.00	0.00	0	250.00
CAD/ R	On 13/12/2019	Foreign Exchange Future			10.77860		10.77860		10.74330	10.74330		13.99	0.00	0.00	0	0.00
CAD/ R	On 16/03/2020	Foreign Exchange Future			10.91600		10.91600		10.87990	10.87990		14.41	0.00	0.00	0	0.00
CF CANDO CAHF	On 18/03/2019	Can-Do Future			18.37000		18.37000		19.45000	19.45000			0.00	0.00	0	0.00
CHF / R	On 18/03/2019	Foreign Exchange Future			14.02830		14.02830		14.03680	14.03680		14.42	0.00	0.00	0	1,143.00
CHF / R	On 14/06/2019	Foreign Exchange Future			14.30780		14.30780		14.31000	14.31000		15.64	0.00	0.00	0	150.00
CHF / R	On 16/09/2019	Foreign Exchange Future			14.61030		14.61030		14.61150	14.61150		16.46	0.00	0.00	0	0.00
CHF / R	On 13/12/2019	Foreign Exchange Future			14.89910		14.89910		14.90020	14.90020		17.00	0.00	0.00	0	0.00
CHF / R	On 16/03/2020	Foreign Exchange Future			15.18580		15.18580		15.18490	15.18490		17.30	0.00	0.00	0	0.00
CNH / R	On 18/03/2019	Foreign Exchange Future			2.04390		2.04390		2.04430	2.04430		13.98	0.00	0.00	0	0.00
CNH / R	On 14/06/2019	Foreign Exchange Future			2.06560		2.06560		2.06550	2.06550		14.41	0.00	0.00	0	0.00
DKK / R	On 18/03/2019	Foreign Exchange Future			2.12650		2.12650		2.14430	2.14430		13.91	0.00	0.00	0	0.00
DKK / R	On 14/06/2019	Foreign Exchange Future			2.16780		2.16780		2.18500	2.18500		14.06	0.00	0.00	0	0.00
DKK / R	On 16/09/2019	Foreign Exchange Future			2.21210		2.21210		2.22900	2.22900		14.47	0.00	0.00	0	0.00
DKK / R	On 13/12/2019	Foreign Exchange Future			2.25460		2.25460		2.26770	2.26770		14.73	0.00	0.00	0	0.00
DKK / R	On 16/03/2020	Foreign Exchange Future			2.37990		2.37990		2.39730	2.39730		15.91	0.00	0.00	0	0.00
E170	On 01/08/2021	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES23	On 25/01/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES23A	On 25/01/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES26	On 25/01/2023	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES26A	On 02/04/2026	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES33	On 07/02/2019	Bond Future			11.03544		77.74307		10.92580	78.38283			0.00	38,405,076.58	494	0.00
ES33	On 02/05/2019	Bond Future			11.13457		75.30699		11.02129	75.95810			0.00	26,357,446.50	350	350.00
ES33	On 01/08/2019	Bond Future			11.23683		76.77400		11.11949	77.43789			0.00	0.00	0	0.00
ES33	On 15/09/2033	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
ES33A	On 15/09/2033	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
ES42	On 07/02/2019	Bond Future		11.28419	79.80065		11.17451	80.52806			0.00	412,489,559.85	5,169	0.00
ES42	On 02/05/2019	Bond Future		11.38384	76.93100		11.27048	77.67125			0.00	378,423,589.00	4,919	4,919.00
ES42	On 01/08/2019	Bond Future		11.48473	78.42995		11.36739	79.18475			0.00	0.00	0	0.00
ES42	On 25/04/2042	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
GOVI	On 07/02/2019	GOVI		632.02400	632.02400		636.81400	636.81400			0.00	0.00	0	450.00
GOVI	On 02/05/2019	GOVI		643.04100	643.04100		647.91500	647.91500			0.00	0.00	0	0.00
GOVI	On 01/08/2019	GOVI		655.56500	655.56500		660.53500	660.53500			0.00	0.00	0	0.00
HK\$/R	On 18/03/2019	Foreign Exchange Future		1.77350	1.77350		1.77280	1.77280		15.52	0.00	0.00	0	0.00
HK\$/R	On 14/06/2019	Foreign Exchange Future		1.79640	1.79640		1.79530	1.79530		16.66	0.00	0.00	0	0.00
I2025	On 07/02/2019	Bond Future		133.74788	133.74788		133.40721	133.40721			0.00	2,808,705.48	21	355.00
I2025	On 02/05/2019	Bond Future		136.10964	136.10964		135.76324	135.76324			0.00	2,858,302.44	21	171.00
I2025	On 01/08/2019	Bond Future		138.74650	138.74650		138.39341	138.39341			0.00	0.00	0	0.00
I2025	On 31/01/2025	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2029	On 07/02/2019	Bond Future		101.76735	101.76735		101.67231	101.67231			0.00	159,571,204.80	1,568	80.00
I2029	On 02/05/2019	Bond Future		102.49143	102.49143		102.39499	102.39499			0.00	160,706,562.24	1,568	2,954.00
I2029	On 01/08/2019	Bond Future		104.51226	104.51226		104.41398	104.41398			0.00	0.00	0	0.00
I2033	On 14/08/2015	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2033	On 07/02/2019	Bond Future		104.49651	104.49651		104.11797	104.11797			0.00	956,770,045.56	9,156	120.00
I2033	On 02/05/2019	Bond Future		105.19647	105.19647		104.81133	104.81133			0.00	963,178,879.32	9,156	5,970.00
I2033	On 01/08/2019	Bond Future		107.27050	107.27050		106.87800	106.87800			0.00	0.00	0	0.00
I2033	On 28/02/2033	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2038	On 07/02/2019	Bond Future		122.04642	122.04642		121.67655	121.67655			0.00	491,725,026.18	4,029	2,995.00
I2038	On 02/05/2019	Bond Future		124.20150	124.20150		123.82532	123.82532			0.00	500,407,843.50	4,029	7,481.00
I2038	On 01/08/2019	Bond Future		126.59780	126.59780		126.21433	126.21433			0.00	0.00	0	0.00
I2038	On 31/01/2038	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2046	On 07/02/2019	Bond Future		116.30013	116.30013		115.21143	115.21143			0.00	70,943,079.30	610	7,984.00
I2046	On 02/05/2019	Bond Future		116.66773	116.66773		115.56010	115.56010			0.00	71,167,315.30	610	4,474.00
I2046	On 01/08/2019	Bond Future		118.96814	118.96814		117.83877	117.83877			0.00	0.00	0	0.00
I2046	On 31/03/2046	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
I2050	On 07/02/2019	Bond Future		120.46426	120.46426		119.21170	119.21170			0.00	267,671,585.72	2,222	5,794.00
I2050	On 02/05/2019	Bond Future		122.59146	122.59146		121.31690	121.31690			0.00	272,398,224.12	2,222	4,852.00
I2050	On 01/08/2019	Bond Future		123.19017	123.19017		121.89077	121.89077			0.00	0.00	0	0.00
I2050	On 31/12/2050	Price Contribution		100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00
IGOV	On 07/02/2019	Index Future		256.89500	256.89500		256.04000	256.04000			0.00	0.00	0	518.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
IGOV	On 02/05/2019	Index Future			261.43100		261.43100		260.56200	260.56200			0.00	0.00	0	215.00
IGOV	On 01/08/2019	Index Future			266.58500		266.58500		265.69900	265.69900			0.00	0.00	0	0.00
JIBAR FUTURE	On 20/03/2019	Jibar Tradeable Future			7.01000		92.99000		7.01000	92.99000			0.00	0.00	0	0.00
JIBAR FUTURE	On 19/06/2019	Jibar Tradeable Future			7.03000		92.97000		7.03000	92.97000			0.00	0.00	0	0.00
KES / R	On 18/03/2019	Foreign Exchange Future			0.13530		0.13530		0.13540	0.13540			0.00	0.00	0	0.00
KES / R	On 14/06/2019	Foreign Exchange Future			0.13480		0.13480		0.13490	0.13490			0.00	0.00	0	2,166.00
KES / R	On 16/09/2019	Foreign Exchange Future			0.13450		0.13450		0.13430	0.13430			0.00	0.00	0	0.00
KES / R	On 13/12/2019	Foreign Exchange Future			0.13300		0.13300		0.13280	0.13280			0.00	0.00	0	0.00
KES / R	On 16/03/2020	Foreign Exchange Future			0.13060		0.13060		0.13070	0.13070			0.00	0.00	0	0.00
NOK/R	On 18/03/2019	Foreign Exchange Future			1.62800		1.62800		1.63260	1.63260		13.31	0.00	0.00	0	0.00
NOK/R	On 14/06/2019	Foreign Exchange Future			1.65210		1.65210		1.65620	1.65620		13.53	0.00	0.00	0	0.00
NZ\$ / R	On 18/03/2019	Foreign Exchange Future			9.40220		9.40220		9.36090	9.36090		12.61	0.00	0.00	0	0.00
NZ\$ / R	On 14/06/2019	Foreign Exchange Future			9.52030		9.52030		9.47740	9.47740		13.15	0.00	0.00	0	0.00
NZ\$ / R	On 16/09/2019	Foreign Exchange Future			9.64900		9.64900		9.60440	9.60440		13.49	0.00	0.00	0	213.00
NZ\$ / R	On 13/12/2019	Foreign Exchange Future			9.77140		9.77140		9.72570	9.72570		13.69	0.00	0.00	0	0.00
NZ\$ / R	On 16/03/2020	Foreign Exchange Future			10.26550		10.26550		10.21880	10.21880		14.76	0.00	0.00	0	0.00
PULA / R	On 18/03/2019	Foreign Exchange Future			1.31890		1.31890		1.31820	1.31820			0.00	0.00	0	0.00
PULA / R	On 14/06/2019	Foreign Exchange Future			1.32330		1.32330		1.32470	1.32470			0.00	0.00	0	0.00
QUANTO £ / \$	On 18/03/2019	Foreign Exchange Future			1.29450		1.29450		1.29500	1.29500			0.00	258,900.00	200	5.00
QUANTO £ / \$	On 14/06/2019	Foreign Exchange Future			1.30020		1.30020		1.30060	1.30060			0.00	0.00	0	0.00
QUANTO £ / \$	On 16/09/2019	Foreign Exchange Future			1.30610		1.30610		1.30640	1.30640			0.00	0.00	0	0.00
QUANTO £ / \$	On 13/12/2019	Foreign Exchange Future			1.31120		1.31120		1.31150	1.31150			0.00	0.00	0	0.00
QUANTO £ / \$	On 16/03/2020	Foreign Exchange Future			1.31680		1.31680		1.31690	1.31690			0.00	0.00	0	0.00
QUANTO € / \$	On 18/03/2019	Foreign Exchange Future			1.14280		1.14280		1.14400	1.14400			0.00	0.00	0	5.00
QUANTO € / \$	On 14/06/2019	Foreign Exchange Future			1.15170		1.15170		1.15270	1.15270			0.00	0.00	0	582.00
QUANTO € / \$	On 16/09/2019	Foreign Exchange Future			1.16100		1.16100		1.16210	1.16210			0.00	0.00	0	0.00
QUANTO € / \$	On 13/12/2019	Foreign Exchange Future			1.16970		1.16970		1.17090	1.17090			0.00	0.00	0	0.00
QUANTO € / \$	On 16/03/2020	Foreign Exchange Future			1.17700		1.17700		1.17800	1.17800			0.00	0.00	0	0.00
R186	On 07/02/2019	Bond Future			8.89408		110.44576		8.79879	111.00885		6.83	0.00	41,527,605.76	376	86,148.00
R186	On 07/02/2019	Bond Future	8.30	Call	10.76000		0.01076		29.77000	0.02977	10.760	6.46	0.02	0.00	0	210.00
R186	On 07/02/2019	Bond Future	8.50	Call	69.95000		0.06995		147.19000	0.14719	69.950	6.64	0.09	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	8.77	Call	401.21000		0.40121		645.63000	0.64563	401.210	6.85	0.34	0.00	0	1,170.00
R186	On 07/02/2019	Bond Future	9.00	Put	455.35000		0.45535		296.81000	0.29681	455.350	7.04	0.36	0.00	0	7,500.00
R186	On 07/02/2019	Bond Future	9.10	Put	284.47000		0.28447		178.55000	0.17855	284.470	7.16	0.25	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	9.20	Call	1,952.35000		1.95235		2,448.54000	2.44854	1,952.350	7.29	0.83	0.00	0	3,000.00
R186	On 07/02/2019	Bond Future	9.23	Call	2,099.58000		2.09958		2,604.97000	2.60497	2,099.580	7.33	0.85	0.00	0	3,000.00

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R186	On 07/02/2019	Bond Future	9.27	Call	2,300.46000		2.30046	2,816.53000	2.81653	2,300.460	7.38	0.88	0.00	0	1,170.00	
R186	On 07/02/2019	Bond Future	9.38	Call	2,874.08000		2.87408	3,411.40000	3.41140	2,874.080	7.52	0.93	0.00	0	6,000.00	
R186	On 07/02/2019	Bond Future	9.50	Put	28.55000		0.02855	15.98000	0.01598	28.550	7.67	0.04	0.00	0	5,000.00	
R186	On 07/02/2019	Bond Future	9.90	Put	1.25000		0.00125	0.64000	0.00064	1.250	7.95	0.00	0.00	0	1,000.00	
R186	On 07/02/2019	Bond Future	9.92	Put	1.03000		0.00103	0.53000	0.00053	1.030	7.95	0.00	0.00	0	1,170.00	
R186	On 02/05/2019	Bond Future			8.94892	112.37082		8.84938	112.94396		6.77	0.00	21,238,084.98	189	4,739.00	
R186	On 02/05/2019	Bond Future	8.50	Call	622.68000		0.62268	794.16000	0.79416	622.680	6.62	0.26	0.00	0	7,000.00	
R186	On 02/05/2019	Bond Future	8.62	Call	836.69000		0.83669	1,045.32000	1.04532	836.690	6.69	0.33	0.00	0	90.00	
R186	On 02/05/2019	Bond Future	8.65	Call	896.93000		0.89693	1,115.12000	1.11512	896.930	6.71	0.34	0.00	0	3,250.00	
R186	On 02/05/2019	Bond Future	8.70	Call	1,003.45000		1.00345	1,237.74000	1.23774	1,003.450	6.74	0.37	0.00	0	200.00	
R186	On 02/05/2019	Bond Future	8.80	Call	1,241.08000		1.24108	1,507.84000	1.50784	1,241.080	6.81	0.42	0.00	0	7,500.00	
R186	On 02/05/2019	Bond Future	9.00	Call	1,811.24000		1.81124	2,141.45000	2.14145	1,811.240	6.95	0.54	0.00	0	7,000.00	
R186	On 02/05/2019	Bond Future	9.20	Call	2,512.38000		2.51238	2,899.55000	2.89955	2,512.380	7.17	0.64	0.00	0	90.00	
R186	On 02/05/2019	Bond Future	9.25	Call	2,703.34000		2.70334	3,103.34000	3.10334	2,703.340	7.22	0.66	0.00	0	3,250.00	
R186	On 02/05/2019	Bond Future	9.30	Call	2,901.19000		2.90119	3,313.35000	3.31335	2,901.190	7.28	0.68	0.00	0	200.00	
R186	On 02/05/2019	Bond Future	9.75	Put	404.42000		0.40442	325.51000	0.32551	404.420	7.83	0.16	0.00	0	7,000.00	
R186	On 02/05/2019	Bond Future	9.96	Put	244.29000		0.24429	192.88000	0.19288	244.290	7.83	0.11	0.00	0	90.00	
R186	On 02/05/2019	Bond Future	10.02	Put	209.77000		0.20977	164.72000	0.16472	209.770	7.83	0.09	0.00	0	3,250.00	
R186	On 02/05/2019	Bond Future	10.07	Put	184.23000		0.18423	144.00000	0.14400	184.230	7.83	0.08	0.00	0	200.00	
R186	On 01/08/2019	Bond Future			8.99976	109.25819		8.89535	109.84265		6.88	0.00	0.00	0	0.00	
R186	On 01/08/2019	Bond Future	8.30	Call	632.21000		0.63221	777.57000	0.77757	632.210	6.28	0.22	0.00	0	6,000.00	
R186	On 01/08/2019	Bond Future	9.05	Call	2,344.95000		2.34495	2,672.68000	2.67268	2,344.950	6.92	0.53	0.00	0	6,000.00	
R186	On 01/08/2019	Bond Future	10.08	Put	597.07000		0.59707	508.53000	0.50853	597.070	8.06	0.17	0.00	0	6,000.00	
R186	On 21/12/2026	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00	
R186/R207	On 21/12/2026	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00	
R186/R208	On 21/12/2026	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00	
R197	On 07/02/2019	Bond Future			300.54760	300.54760		300.34781	300.34781			0.00	466,149,327.60	1,551	43.00	
R197	On 02/05/2019	Bond Future			305.85475	305.85475		305.65212	305.65212			0.00	474,380,717.25	1,551	2,350.00	
R197	On 01/08/2019	Bond Future			304.32623	304.32623		304.11996	304.11996			0.00	0.00	0	0.00	
R197	On 07/12/2023	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00	
R202	On 07/02/2019	Bond Future			235.14490	235.14490		234.45745	234.45745			0.00	403,273,503.50	1,715	6,585.00	
R202	On 02/05/2019	Bond Future			239.29711	239.29711		238.59806	238.59806			0.00	410,394,543.65	1,715	2,220.00	
R202	On 01/08/2019	Bond Future			240.00023	240.00023		239.28762	239.28762			0.00	0.00	0	0.00	
R202	On 07/12/2033	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00	
R2023	On 07/02/2019	Bond Future			8.07042	102.43906		7.99468	102.69479		2.99	0.00	15,775,615.24	154	62,388.00	
R2023	On 02/05/2019	Bond Future			8.09682	100.29506		8.01575	100.55546		3.16	0.00	22,666,683.56	226	226.00	
R2023	On 01/08/2019	Bond Future			8.10815	102.24874		8.02052	102.51434		3.27	0.00	0.00	0	0.00	
R2023	On 28/02/2023	Price Contribution			100.00000	100.00000		100.00000	100.00000			0.00	0.00	0	0.00	

Contract Details			Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2030	On 07/02/2019	Bond Future			9.39449		90.83945		9.29940	91.44322		9.46	0.00	13,353,399.15	147	53,475.00
R2030	On 07/02/2019	Bond Future	8.90	Call	41.48000		0.04148		92.87000	0.09287	41.480	9.03	0.05	0.00	0	1,320.00
R2030	On 07/02/2019	Bond Future	9.18	Call	296.33000		0.29633		497.44000	0.49744	296.330	9.38	0.25	0.00	0	3,960.00
R2030	On 07/02/2019	Bond Future	9.60	Call	1,634.24000		1.63424		2,117.66000	2.11766	1,634.240	9.96	0.73	0.00	0	1,320.00
R2030	On 07/02/2019	Bond Future	9.68	Call	2,019.77000		2.01977		2,537.20000	2.53720	2,019.770	10.10	0.80	0.00	0	3,960.00
R2030	On 07/02/2019	Bond Future	10.20	Put	12.25000		0.01225		7.05000	0.00705	12.250	10.96	0.01	0.00	0	3,960.00
R2030	On 02/05/2019	Bond Future			9.45425		92.42279		9.35586	93.03729		9.43	0.00	8,595,319.47	93	93.00
R2030	On 02/05/2019	Bond Future	8.90	Call	570.34000		0.57034		729.42000	0.72942	570.340	9.06	0.23	0.00	0	3,000.00
R2030	On 02/05/2019	Bond Future	9.40	Call	1,726.84000		1.72684		2,047.85000	2.04785	1,726.840	9.59	0.48	0.00	0	3,000.00
R2030	On 02/05/2019	Bond Future	10.20	Put	566.23000		0.56623		466.36000	0.46636	566.230	10.85	0.19	0.00	0	3,000.00
R2030	On 01/08/2019	Bond Future			9.51436		90.21782		9.41218	90.84439		9.56	0.00	0.00	0	0.00
R2030	On 31/01/2030	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2032	On 07/02/2019	Bond Future			9.61534		92.97953		9.51531	93.66772		10.30	0.00	0.00	0	42,475.00
R2032	On 02/05/2019	Bond Future			9.67500		90.44360		9.57174	91.14394		10.70	0.00	0.00	0	0.00
R2032	On 01/08/2019	Bond Future			9.73318		92.20558		9.62633	92.91966		10.33	0.00	0.00	0	0.00
R2032	On 31/03/2032	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2035	On 07/02/2019	Bond Future			9.78089		96.77612		9.67083	97.61593		10.99	0.00	0.00	0	74,160.00
R2035	On 02/05/2019	Bond Future			9.83893		93.96299		9.72556	94.81756		11.45	0.00	0.00	0	0.00
R2035	On 01/08/2019	Bond Future			9.89666		95.79335		9.77955	96.66471		11.08	0.00	0.00	0	0.00
R2035	On 28/02/2035	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2037	On 07/02/2019	Bond Future			9.84452		89.04747		9.73445	89.89309		12.09	0.00	3,561,898.80	40	64,697.00
R2037	On 02/05/2019	Bond Future			9.90476		90.59958		9.79144	91.46015		12.03	0.00	13,499,337.42	149	149.00
R2037	On 01/08/2019	Bond Future			9.96637		88.10878		9.84936	88.98625		12.21	0.00	0.00	0	0.00
R2037	On 31/01/2037	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2040	On 06/10/2015	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2040	On 07/02/2019	Bond Future			9.91945		92.24002		9.80938	93.14854		12.50	0.00	2,306,000.50	25	30,578.00
R2040	On 02/05/2019	Bond Future			9.97944		93.84779		9.86618	94.77232		12.46	0.00	2,346,194.75	25	25.00
R2040	On 02/05/2019	Bond Future	9.60	Call	1,220.09000		1.22009		1,550.49000	1.55049	1,220.090	12.24	0.32	0.00	0	1,150.00
R2040	On 02/05/2019	Bond Future	10.20	Call	3,592.35000		3.59235		4,200.43000	4.20043	3,592.350	13.24	0.62	0.00	0	1,150.00
R2040	On 01/08/2019	Bond Future			10.04093		91.16993		9.92405	92.11259		12.65	0.00	0.00	0	0.00
R2040	On 31/01/2040	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2044	On 07/02/2019	Bond Future			9.94392		89.34151		9.83385	90.26509		13.12	0.00	0.00	0	37,872.00
R2044	On 02/05/2019	Bond Future			10.00167		90.89872		9.88848	91.83869		13.08	0.00	0.00	0	0.00
R2044	On 01/08/2019	Bond Future			10.06079		88.28865		9.94410	89.24693		13.32	0.00	0.00	0	0.00
R2044	On 31/01/2044	Price Contribution			100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R2048	On 07/02/2019	Bond Future			9.92434		92.85686		9.81428	93.80647		12.94	0.00	742,854.88	8	107,235.00
R2048	On 02/05/2019	Bond Future			9.97686		90.03876		9.86379	91.00511		13.55	0.00	3,061,317.84	34	40.00
R2048	On 01/08/2019	Bond Future			10.02914		91.79270		9.91272	92.77798		13.16	0.00	0.00	0	0.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R2048	On 28/02/2048	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R207	On 07/02/2019	Bond Future	6.24803		101.43847		6.14900	101.52671		0.27	0.00	11,158,231.70	110	15,739.00
R207	On 02/05/2019	Bond Future	5.78843		103.20657		5.65530	103.29654		0.25	0.00	0.00	0	0.00
R207	On 01/08/2019	Bond Future	4.54766		101.57480		4.33995	101.66668		0.19	0.00	0.00	0	0.00
R207	On 15/01/2020	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R207/R203	On 15/01/2020	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R208	On 07/02/2019	Bond Future	7.15172		101.71152		7.08443	101.84182		0.99	0.00	0.00	0	17,335.00
R208	On 02/05/2019	Bond Future	7.08721		100.08352		7.01108	100.21629		1.12	0.00	0.00	0	0.00
R208	On 01/08/2019	Bond Future	6.95555		102.03317		6.86721	102.16868		1.19	0.00	0.00	0	0.00
R208	On 31/03/2021	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R208/R204	On 31/03/2021	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R208/R207	On 31/03/2021	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R209	On 07/02/2019	Bond Future	9.71345		73.67084		9.60338	74.38804		12.38	0.00	12,597,713.64	171	117,685.00
R209	On 07/02/2019	Bond Future	9.04	Call	9.42000	0.00942	28.79000	0.02879	9.420	11.54	0.01	0.00	0	4,000.00
R209	On 07/02/2019	Bond Future	9.54	Call	411.53000	0.41153	695.16000	0.69516	411.530	12.45	0.31	0.00	0	4,000.00
R209	On 07/02/2019	Bond Future	10.20	Put	105.61000	0.10561	60.88000	0.06088	105.610	13.85	0.09	0.00	0	4,000.00
R209	On 02/05/2019	Bond Future			9.76575	71.80597	9.65263	72.53586		12.92	0.00	0.00	0	0.00
R209	On 02/05/2019	Bond Future	9.35	Call	846.54000	0.84654	1,090.40000	1.09040	846.540	12.27	0.30	0.00	0	760.00
R209	On 02/05/2019	Bond Future	9.95	Call	2,641.82000	2.64182	3,112.53000	3.11253	2,641.820	13.22	0.61	0.00	0	760.00
R209	On 02/05/2019	Bond Future	10.50	Put	601.72000	0.60172	481.65000	0.48165	601.720	14.42	0.19	0.00	0	11,560.00
R209	On 02/05/2019	Bond Future	10.71	Put	425.86000	0.42586	338.32000	0.33832	425.860	14.92	0.14	0.00	0	760.00
R209	On 01/08/2019	Bond Future			9.81663	73.20487	9.70017	73.94903		12.58	0.00	0.00	0	0.00
R209	On 31/03/2036	Price Contribution	6.25000		6.25000		6.25000	6.25000			0.00	0.00	0	0.00
R209/R186	On 31/03/2036	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R209/R204	On 31/03/2036	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R209/R208	On 31/03/2036	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R210	On 07/02/2019	Bond Future	188.02767		188.02767		188.02228	188.02228			0.00	98,902,554.42	526	2,020.00
R210	On 02/05/2019	Bond Future	188.79221		188.79221		188.78703	188.78703			0.00	99,304,702.46	526	1,238.00
R210	On 01/08/2019	Bond Future	192.51459		192.51459		192.50958	192.50958			0.00	0.00	0	0.00
R210	On 31/03/2028	Price Contribution	100.00000		100.00000		100.00000	100.00000			0.00	0.00	0	0.00
R212	On 07/02/2019	Bond Future	156.21187		156.21187		156.05113	156.05113			0.00	0.00	0	3,450.00
R212	On 02/05/2019	Bond Future	158.97031		158.97031		158.80705	158.80705			0.00	0.00	0	1,526.00
R212	On 01/08/2019	Bond Future	162.03347		162.03347		161.86717	161.86717			0.00	0.00	0	0.00

Contract Details	Strike	Call / Put	MTM	Yield	Mark Price	Spot Rate	Previous MTM	Previous Price	Premium On Option	Volatility	Delta	Delta Value	Contracts Traded	Open Interest
R212		On 31/01/2022	Price Contribution		100.00000	100.00000	100.00000	100.00000			0.00	0.00	0	0.00
R213		On 07/02/2019	Bond Future	9.50010	85.47235		9.40005	86.09686		9.98	0.00	0.00	0	31,062.00
R213		On 02/05/2019	Bond Future	9.55462	83.41290		9.45140	84.04844		10.41	0.00	0.00	0	1,200.00
R213		On 01/08/2019	Bond Future	9.60796	85.03771		9.50114	85.68577		10.14	0.00	0.00	0	0.00
R213		On 28/02/2031	Price Contribution		100.00000	100.00000	100.00000	100.00000			0.00	0.00	0	0.00
R213/R186		On 28/02/2031	Price Contribution		100.00000	100.00000	100.00000	100.00000			0.00	0.00	0	0.00
R214		On 07/02/2019	Bond Future	9.90421	72.66565		9.79417	73.40893		13.32	0.00	0.00	0	29,281.00
R214		On 02/05/2019	Bond Future	9.95628	70.63646		9.84331	71.39287		13.91	0.00	0.00	0	1,200.00
R214		On 01/08/2019	Bond Future	10.00804	72.01243		9.89181	72.78366		13.49	0.00	0.00	0	0.00
R214		On 28/02/2041	Price Contribution		100.00000	100.00000	100.00000	100.00000			0.00	0.00	0	0.00
R214/R209		On 28/02/2041	Price Contribution		100.00000	100.00000	100.00000	100.00000			0.00	0.00	0	0.00
SGD / R		On 18/03/2019	Foreign Exchange Future	10.24610	10.24610		10.24520	10.24520		13.35	0.00	0.00	0	0.00
SGD / R		On 14/06/2019	Foreign Exchange Future	10.38320	10.38320		10.37920	10.37920		13.94	0.00	0.00	0	0.00
TRY / R		On 18/03/2019	Foreign Exchange Future	2.52240	2.52240		2.50430	2.50430		18.91	0.00	0.00	0	25,000.00
TRY / R		On 14/06/2019	Foreign Exchange Future	2.43140	2.43140		2.41890	2.41890		19.48	0.00	0.00	0	0.00
<b>Total for Derivatives :</b>												<b>17,776,777,859.16</b>	<b>161,731</b>	<b>7 942 952.00</b>
<b>Grand Total:</b>												<b>17,776,777,859.16</b>	<b>161,731</b>	<b>7 942 952.00</b>