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INTEREST RATE AND CURRENCY DERIVATIVES

DAILY MTM REPORT

DAILY SUMMARY FOR: 09/01/2019

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
Derivatives													
\$ / R	On 10/01/2019	Any day expiry	13.88160	13.88160		13.91760	13.91760		20.02	0.00	0.00	0	125.00
\$ / R	On 15/01/2019	Any day expiry	13.88560	13.88560		13.92420	13.92420		16.83	0.00	0.00	0	174.00
\$ / R	On 15/01/2019	Any day expiry	13.86	Put	108.79320	0.10879	105.32910	0.10533	108.793	17.08	0.46	0	174.00
\$ / R	On 15/01/2019	Any day expiry	14.00	Call	75.72690	0.07573	99.31090	0.09931	75.727	17.48	0.36	0	174.00
\$ / R	On 15/01/2019	Any day expiry	14.29	Put	425.82370	0.42582	394.69100	0.39469	425.824	19.36	0.87	0	218.00
\$ / R	On 15/01/2019	Any day expiry	14.36	Call	15.56250	0.01556	20.72870	0.02073	15.563	19.81	0.10	0	218.00
\$ / R	On 16/01/2019	Any day expiry	13.88780	13.88780		13.92580	13.92580		17.02	0.00	0.00	0	20.00
\$ / R	On 17/01/2019	Any day expiry	13.89010	13.89010		13.92750	13.92750		17.25	0.00	0.00	0	0.00
\$ / R	On 18/01/2019	Any day expiry	13.89230	13.89230		13.92910	13.92910		17.44	0.00	0.00	0	0.00
\$ / R	On 18/01/2019	Any day expiry	12.66	Put	0.44130	0.00044	0.73820	0.00074	0.441	21.71	0.00	0	263.00
\$ / R	On 18/01/2019	Any day expiry	13.80	Put	111.38280	0.11138	107.71330	0.10771	111.383	17.65	0.40	0	25,000.00
\$ / R	On 21/01/2019	Any day expiry	13.89730	13.89730		13.93390	13.93390		16.76	0.00	0.00	0	1,901.00
\$ / R	On 25/01/2019	Any day expiry	13.90380	13.90380		13.94030	13.94030		17.34	0.00	0.00	0	51.00
\$ / R	On 30/01/2019	Any day expiry	13.91200	13.91200		13.94840	13.94840		17.27	0.00	0.00	0	1,018.00
\$ / R	On 31/01/2019	Any day expiry	13.91360	13.91360		13.95000	13.95000		17.35	0.00	0.00	0	2,002.00
\$ / R	On 31/01/2019	Any day expiry	13.00	Put	13.79330	0.01379	14.98060	0.01498	13.793	17.43	0.05	0	500.00

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 31/01/2019	Any day expiry	13.80	Put	180.87280	0.18087	172.78610	0.17279	180.873	17.19	0.41	0.00	0	600.00
\$ / R	On 31/01/2019	Any day expiry	13.95	Put	257.63860	0.25764	0.00000	0.00000	257.639	17.52	0.52	5,273,677.85	731	731.00
\$ / R	On 31/01/2019	Any day expiry	14.00	Call	200.93940	0.20094	0.00000	0.00000	200.939	17.68	0.45	4,620,978.74	731	731.00
\$ / R	On 31/01/2019	Any day expiry	14.20	Call	134.73500	0.13473	152.39570	0.15240	134.735	18.34	0.33	0.00	0	600.00
\$ / R	On 31/01/2019	Any day expiry	14.20	Put	421.13500	0.42114	402.39570	0.40240	421.135	18.34	0.67	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	14.25	Put	457.93500	0.45794	438.05550	0.43806	457.935	18.51	0.69	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	14.38	Call	92.51280	0.09251	106.25270	0.10625	92.513	18.94	0.25	0.00	0	500.00
\$ / R	On 31/01/2019	Any day expiry	14.55	Call	64.22620	0.06423	74.80180	0.07480	64.226	19.50	0.18	0.00	0	600.00
\$ / R	On 31/01/2019	Any day expiry	15.13	Call	16.36950	0.01637	20.40770	0.02041	16.370	21.00	0.05	0.00	0	250.00
\$ / R	On 31/01/2019	Any day expiry	15.47	Call	7.41790	0.00742	9.40580	0.00941	7.418	22.00	0.03	0.00	0	250.00
\$ / R	On 13/02/2019	Any day expiry			13.93510	13.93510	13.97100	13.97100		17.52	0.00	0.00	0	70.00
\$ / R	On 15/02/2019	Any day expiry			13.93840	13.93840	13.97440	13.97440		17.60	0.00	0.00	0	6.00
\$ / R	On 25/02/2019	Any day expiry			13.95540	13.95540	13.99150	13.99150		17.41	0.00	0.00	0	15.00
\$ / R	On 28/02/2019	Any day expiry			13.96040	13.96040	13.99660	13.99660		17.50	0.00	0.00	0	6,102.00
\$ / R	On 28/02/2019	Any day expiry	13.00	Put	47.43430	0.04743	45.29490	0.04529	47.434	16.31	0.11	0.00	0	500.00
\$ / R	On 28/02/2019	Any day expiry	13.70	Put	235.64200	0.23564	225.96600	0.22597	235.642	17.17	0.37	0.00	0	600.00
\$ / R	On 28/02/2019	Any day expiry	14.20	Put	508.77970	0.50878	490.12850	0.49013	508.780	18.13	0.59	0.00	0	250.00
\$ / R	On 28/02/2019	Any day expiry	14.25	Call	252.82970	0.25283	269.61480	0.26961	252.830	18.26	0.39	0.00	0	600.00
\$ / R	On 28/02/2019	Any day expiry	14.25	Put	542.42970	0.54243	523.01480	0.52301	542.430	18.26	0.61	0.00	0	250.00
\$ / R	On 28/02/2019	Any day expiry	14.52	Call	179.30060	0.17930	192.28840	0.19229	179.301	18.94	0.30	0.00	0	500.00
\$ / R	On 28/02/2019	Any day expiry	14.75	Call	132.98770	0.13299	143.36810	0.14337	132.988	19.50	0.23	0.00	0	600.00
\$ / R	On 28/02/2019	Any day expiry	15.27	Call	67.03790	0.06704	73.00160	0.07300	67.038	20.74	0.13	0.00	0	250.00
\$ / R	On 28/02/2019	Any day expiry	15.63	Call	40.52610	0.04053	44.77170	0.04477	40.526	21.41	0.08	0.00	0	250.00
\$ / R	On 04/03/2019	Any day expiry			13.96720	13.96720	14.00350	14.00350		17.42	0.00	0.00	0	74.00
\$ / R	On 05/03/2019	Any day expiry			13.96890	13.96890	14.00520	14.00520		17.45	0.00	0.00	0	80.00
\$ / R	On 11/03/2019	Any day expiry			13.97900	13.97900	14.01540	14.01540		17.55	0.00	0.00	0	0.00
\$ / R	On 11/03/2019	Any day expiry	13.94	Put	378.40770	0.37841	364.55930	0.36456	378.408	17.47	0.47	0.00	0	27,500.00
\$ / R	On 11/03/2019	Any day expiry	15.15	Call	105.10610	0.10511	112.63190	0.11263	105.106	20.20	0.18	0.00	0	27,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future			13.99120	13.99120	14.02780	14.02780		17.58	0.00	1,180,297,632.00	84,360	505,311.00
\$ / R	On 18/03/2019	Foreign Exchange Future	10.33	Put	0.35940	0.00036	0.37330	0.00037	0.359	22.93	0.00	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	11.74	Put	7.02170	0.00702	7.23250	0.00723	7.022	19.40	0.02	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.47	Put	22.41110	0.02241	22.74130	0.02274	22.411	16.72	0.05	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.51	Put	23.90670	0.02391	24.23500	0.02424	23.907	16.57	0.05	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.80	Put	46.68160	0.04668	44.64350	0.04464	46.682	16.35	0.10	0.00	0	8,132.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.90	Put	59.42530	0.05943	56.87160	0.05687	59.425	16.40	0.12	0.00	0	16,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	12.92	Put	62.26800	0.06227	59.60040	0.05960	62.268	16.41	0.12	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.00	Put	74.69220	0.07469	71.53600	0.07154	74.692	16.46	0.14	0.00	0	15,434.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.05	Put	83.35750	0.08336	79.86650	0.07987	83.358	16.48	0.16	0.00	0	1,155.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.12	Put	96.72240	0.09672	92.72540	0.09273	96.722	16.52	0.17	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.15	Put	102.91130	0.10291	98.68230	0.09868	102.911	16.54	0.18	0.00	0	10,125.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.25	Put	125.63460	0.12563	120.57560	0.12058	125.635	16.59	0.21	0.00	0	225,407.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.33	Put	146.71350	0.14671	140.45760	0.14046	146.714	16.66	0.24	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.36	Put	155.51530	0.15552	148.62630	0.14863	155.515	16.70	0.25	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.46	Put	187.35740	0.18736	179.32670	0.17933	187.357	16.84	0.28	0.00	0	20,000.00

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 18/03/2019	Foreign Exchange Future	13.50	Put	201.19280	0.20119	192.68270	0.19268	201.193	16.89	0.30	21,038,098.40	5,000	17,050.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.55	Put	219.37990	0.21938	210.25740	0.21026	219.380	16.96	0.32	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.60	Put	238.56400	0.23856	228.81400	0.22881	238.564	17.03	0.34	0.00	0	6,570.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.62	Put	246.52050	0.24652	236.51620	0.23652	246.520	17.06	0.34	0.00	0	6,432.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.68	Put	271.34780	0.27135	260.56880	0.26057	271.348	17.14	0.37	0.00	0	14,200.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.70	Put	279.94720	0.27995	268.90410	0.26890	279.947	17.17	0.37	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.72	Put	288.70480	0.28870	277.39840	0.27740	288.705	17.19	0.38	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.75	Put	302.14170	0.30214	290.43870	0.29044	302.142	17.24	0.39	0.00	0	17,981.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.79	Put	320.61890	0.32062	308.37880	0.30838	320.619	17.29	0.41	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.82	Put	334.89270	0.33489	322.24750	0.32225	334.893	17.33	0.42	0.00	0	1,800.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.85	Put	349.52490	0.34952	336.47260	0.33647	349.525	17.37	0.43	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.86	Put	354.48030	0.35448	341.29340	0.34129	354.480	17.39	0.44	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.90	Put	374.69590	0.37470	360.96220	0.36096	374.696	17.44	0.45	0.00	0	720.00
\$ / R	On 18/03/2019	Foreign Exchange Future	13.95	Call	442.03670	0.44204	464.22110	0.46422	442.037	17.51	0.53	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.00	Call	419.13720	0.41914	440.63520	0.44064	419.137	17.58	0.51	0.00	0	100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.00	Put	427.93720	0.42794	412.83520	0.41284	427.937	17.58	0.49	0.00	0	35,606.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.04	Put	451.12940	0.45113	434.64630	0.43465	451.129	17.67	0.50	0.00	0	7,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.20	Call	340.89750	0.34090	358.58730	0.35859	340.898	18.03	0.44	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.25	Call	323.51410	0.32351	340.53130	0.34053	323.514	18.14	0.42	0.00	0	750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.28	Put	602.27650	0.60228	582.29590	0.58230	602.277	18.20	0.59	0.00	0	7,028.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.30	Put	615.74430	0.61574	595.50190	0.59550	615.744	18.25	0.59	0.00	0	3,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.30	Call	306.94430	0.30694	323.30190	0.32330	306.944	18.25	0.41	0.00	0	250.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.35	Put	649.96490	0.64996	629.07700	0.62908	649.965	18.36	0.61	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.44	Put	713.45540	0.71346	691.44450	0.69144	713.455	18.56	0.64	0.00	0	7,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.45	Put	720.65550	0.72066	698.52190	0.69852	720.656	18.58	0.64	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.46	Call	259.08380	0.25908	273.42820	0.27343	259.084	18.61	0.36	0.00	0	6,332.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.48	Call	253.62170	0.25362	267.72620	0.26773	253.622	18.65	0.35	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.50	Call	248.27170	0.24827	262.13910	0.26214	248.272	18.70	0.34	0.00	0	225,780.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.50	Put	757.07170	0.75707	734.33910	0.73434	757.072	18.70	0.66	92,289,562.30	10,000	50.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.53	Put	779.24670	0.77925	756.16220	0.75616	779.247	18.76	0.67	0.00	0	108.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.56	Put	801.65900	0.80166	778.22870	0.77823	801.659	18.83	0.67	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.65	Put	870.26120	0.87026	845.83490	0.84583	870.261	19.03	0.70	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.74	Put	940.75750	0.94076	915.42180	0.91542	940.758	19.23	0.72	0.00	0	24,326.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.80	Call	179.92170	0.17992	190.62650	0.19063	179.922	19.36	0.26	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.81	Put	996.79090	0.99679	970.80350	0.97080	996.791	19.39	0.74	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.82	Put	1,004.87880	1.00488	978.79970	0.97880	1,004.879	19.41	0.74	0.00	0	4,145.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.83	Put	1,012.98910	1.01299	986.81890	0.98682	1,012.989	19.43	0.74	0.00	0	10,010.00
\$ / R	On 18/03/2019	Foreign Exchange Future	14.84	Put	1,021.11760	1.02112	994.85900	0.99486	1,021.118	19.45	0.75	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.00	Call	144.98350	0.14498	153.97650	0.15398	144.984	19.80	0.22	0.00	0	1,260.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.04	Put	1,187.66320	1.18766	1,159.74310	1.15974	1,187.663	19.89	0.79	0.00	0	63,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.10	Put	1,238.97070	1.23897	1,210.60150	1.21060	1,238.971	20.02	0.80	0.00	0	1,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.12	Put	1,256.19920	1.25620	1,227.68330	1.22768	1,256.199	20.07	0.80	0.00	0	99,824.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.13	Put	1,264.83530	1.26484	1,236.24870	1.23625	1,264.835	20.09	0.80	0.00	0	7,100.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.17	Call	120.73160	0.12073	128.46260	0.12846	120.732	20.18	0.19	0.00	0	720.00

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\$ / R	On 18/03/2019	Foreign Exchange Future	15.19	Put	1,316.96660	1.31697	1,287.96060	1.28796	1,316.967	20.22	0.82	0.00	0	41,300.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.20	Put	1,325.70440	1.32570	1,296.63160	1.29663	1,325.704	20.24	0.82	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.22	Call	114.42330	0.11442	121.81530	0.12182	114.423	20.29	0.18	0.00	0	2,785.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.25	Call	110.80440	0.11080	117.99940	0.11800	110.804	20.35	0.17	0.00	0	1,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.32	Put	1,431.61320	1.43161	1,401.76680	1.40177	1,431.613	20.50	0.84	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.40	Call	94.41240	0.09441	100.69540	0.10070	94.412	20.68	0.15	0.00	0	2,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.45	Call	89.28280	0.08928	95.53120	0.09553	89.283	20.77	0.14	0.00	0	20,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.46	Call	88.29220	0.08829	94.48210	0.09448	88.292	20.79	0.14	0.00	0	108.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.50	Call	84.43630	0.08444	90.40080	0.09040	84.436	20.86	0.14	0.00	0	224,757.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.52	Call	82.57220	0.08257	88.42900	0.08843	82.572	20.90	0.13	0.00	0	1.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.54	Call	80.75130	0.08075	86.49940	0.08650	80.751	20.94	0.13	0.00	0	721.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.66	Call	70.65050	0.07065	75.78890	0.07579	70.651	21.16	0.12	0.00	0	139,342.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.81	Call	59.82280	0.05982	64.28580	0.06429	59.823	21.43	0.10	0.00	0	10.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.83	Call	58.51520	0.05852	62.89550	0.06290	58.515	21.47	0.10	0.00	0	135,043.00
\$ / R	On 18/03/2019	Foreign Exchange Future	15.89	Call	54.76590	0.05477	58.90530	0.05891	54.766	21.58	0.09	0.00	0	4,145.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.00	Call	48.52970	0.04853	52.25970	0.05226	48.530	21.78	0.08	0.00	0	1,906.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.13	Call	42.10710	0.04211	45.40590	0.04541	42.107	22.02	0.07	0.00	0	138,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.18	Call	39.88210	0.03988	43.02760	0.04303	39.882	22.11	0.07	0.00	0	1,800.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.30	Call	35.03410	0.03503	37.84190	0.03784	35.034	22.33	0.06	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.38	Call	32.15360	0.03215	34.75690	0.03476	32.154	22.48	0.06	0.00	0	134,750.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.58	Call	26.00650	0.02601	28.16340	0.02816	26.007	22.84	0.05	0.00	0	10,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.60	Call	25.46510	0.02547	27.58220	0.02758	25.465	22.88	0.05	0.00	0	50.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.96	Call	16.67200	0.01667	18.38020	0.01838	16.672	23.34	0.03	0.00	0	12,600.00
\$ / R	On 18/03/2019	Foreign Exchange Future	16.97	Call	16.44790	0.01645	18.13290	0.01813	16.448	23.34	0.03	0.00	0	63,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.02	Call	15.37030	0.01537	16.94270	0.01694	15.370	23.37	0.03	0.00	0	262,812.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.08	Call	14.16580	0.01417	15.61220	0.01561	14.166	23.40	0.03	0.00	0	7,028.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.09	Call	13.97410	0.01397	15.40040	0.01540	13.974	23.41	0.03	0.00	0	99,824.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.10	Call	13.78480	0.01378	15.19120	0.01519	13.785	23.41	0.03	0.00	0	2,500.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.23	Call	11.53830	0.01154	12.70710	0.01271	11.538	23.49	0.02	0.00	0	41,300.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.30	Call	10.47920	0.01048	11.53530	0.01154	10.479	23.53	0.02	0.00	0	10,125.00
\$ / R	On 18/03/2019	Foreign Exchange Future	17.50	Call	7.94480	0.00794	8.73020	0.00873	7.945	23.64	0.02	0.00	0	16,000.00
\$ / R	On 18/03/2019	Foreign Exchange Future	18.00	Call	3.93860	0.00394	4.29580	0.00430	3.939	23.92	0.01	0.00	0	14,200.00
\$ / R	On 18/03/2019	Foreign Exchange Future	18.40	Call	2.13410	0.00213	2.34500	0.00235	2.134	24.03	0.00	0.00	0	7,100.00
\$ / R	On 27/03/2019	Any day expiry			14.00690	14.00690	14.04370	14.04370		17.62	0.00	0.00	0	3,731.00
\$ / R	On 27/03/2019	Any day expiry	13.88	Put	385.25870	0.38526	371.37710	0.37138	385.259	17.45	0.44	0.00	0	32,000.00
\$ / R	On 27/03/2019	Any day expiry	14.00	Put	448.45030	0.44845	432.99170	0.43299	448.450	17.62	0.48	0.00	0	65,000.00
\$ / R	On 29/03/2019	Any day expiry			14.01040	14.01040	14.04720	14.04720		17.65	0.00	0.00	0	5,111.00
\$ / R	On 29/03/2019	Any day expiry	13.00	Put	91.56410	0.09156	87.78920	0.08779	91.564	16.57	0.16	0.00	0	500.00
\$ / R	On 29/03/2019	Any day expiry	14.20	Put	573.77030	0.57377	554.66390	0.55466	573.770	18.07	0.55	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	14.25	Put	605.85410	0.60585	586.13460	0.58613	605.854	18.18	0.56	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	14.67	Call	243.80420	0.24380	256.23490	0.25623	243.804	19.05	0.32	0.00	0	500.00
\$ / R	On 29/03/2019	Any day expiry	15.43	Call	116.68060	0.11668	123.55210	0.12355	116.681	20.66	0.17	0.00	0	250.00
\$ / R	On 29/03/2019	Any day expiry	15.79	Call	81.61260	0.08161	86.75960	0.08676	81.613	21.31	0.12	0.00	0	250.00
\$ / R	On 02/04/2019	Any day expiry			14.01740	14.01740	14.05430	14.05430		17.61	0.00	0.00	0	55.00

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 05/04/2019	Any day expiry			14.02260	14.02260	14.05960	14.05960	17.66	0.00	0.00	0	0.00
\$ / R	13.76	Put	On 05/04/2019	Any day expiry	346.92100	0.34692	334.14100	0.33414	346.921	17.35	0.39	0.00	0	100.00	
\$ / R	14.35	Call	On 05/04/2019	Any day expiry	357.36390	0.35736	373.39030	0.37339	357.364	18.36	0.42	0.00	0	100.00	
\$ / R			On 15/04/2019	Any day expiry	14.04010	14.04010	14.07730	14.07730		17.72	0.00	0.00	0	260.00	
\$ / R			On 26/04/2019	Any day expiry	14.05970	14.05970	14.09690	14.09690		17.77	0.00	0.00	0	0.00	
\$ / R			On 30/04/2019	Any day expiry	14.06680	14.06680	14.10400	14.10400		17.75	0.00	0.00	0	1,180.00	
\$ / R	13.00	Put	On 30/04/2019	Any day expiry	132.35410	0.13235	127.73820	0.12774	132.354	16.56	0.18	0.00	0	3,000.00	
\$ / R	13.49	Call	On 30/04/2019	Any day expiry	853.00320	0.85300	880.29680	0.88030	853.003	16.96	0.69	0.00	0	2,500.00	
\$ / R	14.20	Put	On 30/04/2019	Any day expiry	629.29660	0.62930	610.89000	0.61089	629.297	18.02	0.52	0.00	0	250.00	
\$ / R	14.25	Put	On 30/04/2019	Any day expiry	660.36470	0.66036	641.42710	0.64143	660.365	18.12	0.53	0.00	0	250.00	
\$ / R	14.84	Call	On 30/04/2019	Any day expiry	300.24520	0.30025	312.79010	0.31279	300.245	19.21	0.33	0.00	0	500.00	
\$ / R	15.61	Call	On 30/04/2019	Any day expiry	165.25750	0.16526	173.23950	0.17324	165.258	20.66	0.20	0.00	0	250.00	
\$ / R	15.96	Call	On 30/04/2019	Any day expiry	125.43590	0.12544	131.78160	0.13178	125.436	21.23	0.15	0.00	0	250.00	
\$ / R			On 31/05/2019	Any day expiry	14.12190	14.12190	14.15920	14.15920		17.88	0.00	0.00	0	475.00	
\$ / R	13.00	Put	On 31/05/2019	Any day expiry	168.64490	0.16864	163.81990	0.16382	168.645	16.60	0.20	0.00	0	500.00	
\$ / R	14.20	Put	On 31/05/2019	Any day expiry	675.57710	0.67558	657.97540	0.65798	675.577	18.05	0.50	0.00	0	250.00	
\$ / R	14.25	Put	On 31/05/2019	Any day expiry	705.93240	0.70593	687.84690	0.68785	705.932	18.14	0.51	0.00	0	250.00	
\$ / R	15.01	Call	On 31/05/2019	Any day expiry	347.25200	0.34725	359.90190	0.35990	347.252	19.44	0.33	0.00	0	500.00	
\$ / R	15.79	Call	On 31/05/2019	Any day expiry	207.51090	0.20751	216.42770	0.21643	207.511	20.75	0.21	0.00	0	250.00	
\$ / R	16.15	Call	On 31/05/2019	Any day expiry	163.18100	0.16318	170.49420	0.17049	163.181	21.27	0.17	0.00	0	250.00	
\$ / R			On 03/06/2019	Any day expiry	14.12720	14.12720	14.16450	14.16450		17.92	0.00	0.00	0	0.00	
\$ / R			On 04/06/2019	Any day expiry	14.12900	14.12900	14.16630	14.16630		17.94	0.00	0.00	0	74.00	
\$ / R			On 14/06/2019	Foreign Exchange Future	14.14670	14.14670	14.18410	14.18410		17.98	0.00	452,694.40	32	112,532.00	
\$ / R	10.69	Put	On 14/06/2019	Foreign Exchange Future	5.84890	0.00585	6.02220	0.00602	5.849	18.79	0.01	0.00	0	1,000.00	
\$ / R	12.28	Put	On 14/06/2019	Foreign Exchange Future	64.12150	0.06412	62.64290	0.06264	64.121	16.57	0.09	0.00	0	1,000.00	
\$ / R	12.75	Put	On 14/06/2019	Foreign Exchange Future	128.09660	0.12810	125.72200	0.12572	128.097	16.45	0.15	0.00	0	1,000.00	
\$ / R	12.98	Put	On 14/06/2019	Foreign Exchange Future	179.25130	0.17925	174.47860	0.17448	179.251	16.62	0.20	0.00	0	911.00	
\$ / R	13.00	Put	On 14/06/2019	Foreign Exchange Future	184.28130	0.18428	179.36770	0.17937	184.281	16.63	0.20	0.00	0	165,703.00	
\$ / R	13.24	Put	On 14/06/2019	Foreign Exchange Future	252.30180	0.25230	245.53710	0.24554	252.302	16.81	0.26	0.00	0	30,000.00	
\$ / R	13.25	Put	On 14/06/2019	Foreign Exchange Future	255.45050	0.25545	248.60240	0.24860	255.450	16.82	0.26	0.00	0	1,282.00	
\$ / R	13.83	Put	On 14/06/2019	Foreign Exchange Future	492.63610	0.49264	479.18620	0.47919	492.636	17.51	0.40	0.00	0	25,000.00	
\$ / R	13.88	Put	On 14/06/2019	Foreign Exchange Future	517.76330	0.51776	503.81940	0.50382	517.763	17.58	0.41	0.00	0	5,035.00	
\$ / R	13.98	Call	On 14/06/2019	Foreign Exchange Future	736.68080	0.73668	759.16040	0.75916	736.681	17.73	0.56	0.00	0	1,000.00	
\$ / R	14.00	Put	On 14/06/2019	Foreign Exchange Future	580.73520	0.58074	565.61620	0.56562	580.735	17.76	0.44	0.00	0	143,900.00	
\$ / R	14.07	Put	On 14/06/2019	Foreign Exchange Future	619.17160	0.61917	603.37450	0.60337	619.172	17.86	0.46	0.00	0	39,589.00	
\$ / R	14.20	Put	On 14/06/2019	Foreign Exchange Future	694.09120	0.69409	676.72720	0.67673	694.091	18.06	0.49	0.00	0	13,600.00	
\$ / R	14.25	Put	On 14/06/2019	Foreign Exchange Future	724.18100	0.72418	706.36880	0.70637	724.181	18.14	0.50	0.00	0	1,282.00	
\$ / R	14.42	Call	On 14/06/2019	Foreign Exchange Future	557.50870	0.55751	575.59750	0.57560	557.509	18.41	0.46	0.00	0	30.00	
\$ / R	14.58	Call	On 14/06/2019	Foreign Exchange Future	503.61850	0.50362	520.35560	0.52036	503.618	18.67	0.43	0.00	0	1,000.00	
\$ / R	14.63	Put	On 14/06/2019	Foreign Exchange Future	971.15390	0.97115	950.08510	0.95009	971.154	18.75	0.58	0.00	0	8,203.00	
\$ / R	14.65	Put	On 14/06/2019	Foreign Exchange Future	984.98800	0.98499	963.76010	0.96376	984.988	18.79	0.59	0.00	0	1,000.00	
\$ / R	14.82	Call	On 14/06/2019	Foreign Exchange Future	432.33910	0.43234	447.18120	0.44718	432.339	19.06	0.38	0.00	0	30,000.00	
\$ / R	15.10	Call	On 14/06/2019	Foreign Exchange Future	363.26220	0.36326	375.95460	0.37595	363.262	19.55	0.33	0.00	0	1,500.00	
\$ / R	15.32	Call	On 14/06/2019	Foreign Exchange Future	317.43630	0.31744	328.82690	0.32883	317.436	19.94	0.29	0.00	0	1,980.00	

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	15.50	Call	284.67250	0.28467	295.09140	0.29509	284.673	20.26	0.27	0.00	0	145,182.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.62	Call	264.14710	0.26415	274.53470	0.27453	264.147	20.44	0.25	0.00	0	5,035.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.64	Call	260.79360	0.26079	271.08060	0.27108	260.794	20.47	0.25	0.00	0	39,589.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.80	Call	235.52230	0.23552	245.03050	0.24503	235.522	20.69	0.23	0.00	0	1,000.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.89	Call	222.45870	0.22246	231.55560	0.23156	222.459	20.82	0.22	0.00	0	6,800.00
\$ / R	On 14/06/2019	Foreign Exchange Future	15.92	Call	218.28040	0.21828	227.24330	0.22724	218.280	20.86	0.21	0.00	0	911.00
\$ / R	On 14/06/2019	Foreign Exchange Future	16.00	Call	207.53830	0.20754	216.15380	0.21615	207.538	20.97	0.20	0.00	0	20.00
\$ / R	On 14/06/2019	Foreign Exchange Future	16.09	Call	196.12850	0.19613	204.37070	0.20437	196.128	21.09	0.19	0.00	0	6,800.00
\$ / R	On 14/06/2019	Foreign Exchange Future	17.96	Call	75.89170	0.07589	79.35950	0.07936	75.892	24.47	0.08	0.00	0	8,203.00
\$ / R	On 20/06/2019	Any day expiry			14.15740	14.15740	14.19480	14.19480		17.96	0.00	0.00	0	0.00
\$ / R	On 20/06/2019	Any day expiry	14.72	Put	1,039.32310	1.03932	1,017.80180	1.01780	1,039.323	18.87	0.60	0.00	0	20,000.00
\$ / R	On 20/06/2019	Any day expiry	17.22	Call	109.34090	0.10934	113.76630	0.11377	109.341	22.75	0.11	0.00	0	20,000.00
\$ / R	On 28/06/2019	Any day expiry			14.17160	14.17160	14.20900	14.20900		17.98	0.00	0.00	0	105.00
\$ / R	On 28/06/2019	Any day expiry	13.00	Put	198.87110	0.19887	193.98510	0.19399	198.871	16.65	0.21	0.00	0	500.00
\$ / R	On 28/06/2019	Any day expiry	14.20	Put	711.20770	0.71121	694.26410	0.69426	711.208	18.06	0.48	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	14.25	Put	741.03590	0.74104	723.66050	0.72366	741.036	18.13	0.49	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	15.17	Call	382.46700	0.38247	395.26620	0.39527	382.467	19.61	0.33	0.00	0	500.00
\$ / R	On 28/06/2019	Any day expiry	15.96	Call	240.12360	0.24012	249.45200	0.24945	240.124	20.81	0.22	0.00	0	250.00
\$ / R	On 28/06/2019	Any day expiry	16.32	Call	194.07720	0.19408	202.03370	0.20203	194.077	21.29	0.18	0.00	0	250.00
\$ / R	On 01/07/2019	Any day expiry			14.17690	14.17690	14.21440	14.21440		18.02	0.00	0.00	0	55.00
\$ / R	On 03/07/2019	Any day expiry			14.18050	14.18050	14.21790	14.21790		18.04	0.00	0.00	0	0.00
\$ / R	On 03/07/2019	Any day expiry	13.45	Put	347.00790	0.34701	338.52670	0.33853	347.008	16.99	0.31	0.00	0	39,250.00
\$ / R	On 03/07/2019	Any day expiry	16.44	Call	189.12120	0.18912	197.16230	0.19716	189.121	21.41	0.18	0.00	0	39,250.00
\$ / R	On 31/07/2019	Any day expiry			14.23140	14.23140	14.26910	14.26910		18.13	0.00	0.00	0	0.00
\$ / R	On 31/07/2019	Any day expiry	13.00	Put	229.80600	0.22981	223.86900	0.22387	229.806	16.66	0.21	0.00	0	500.00
\$ / R	On 31/07/2019	Any day expiry	14.20	Put	747.54520	0.74755	730.29950	0.73030	747.545	18.06	0.47	0.00	0	250.00
\$ / R	On 31/07/2019	Any day expiry	14.25	Put	776.93600	0.77694	759.26920	0.75927	776.936	18.13	0.48	0.00	0	250.00
\$ / R	On 31/07/2019	Any day expiry	15.34	Call	425.42030	0.42542	437.94310	0.43794	425.420	19.80	0.33	0.00	0	500.00
\$ / R	On 31/07/2019	Any day expiry	16.14	Call	280.68340	0.28068	290.37920	0.29038	280.683	20.93	0.23	0.00	0	250.00
\$ / R	On 31/07/2019	Any day expiry	16.50	Call	232.88900	0.23289	241.35660	0.24136	232.889	21.39	0.20	0.00	0	250.00
\$ / R	On 01/08/2019	Any day expiry			14.23330	14.23330	14.27090	14.27090		18.14	0.00	0.00	0	55.00
\$ / R	On 13/08/2019	Any day expiry			14.25530	14.25530	14.29300	14.29300		18.12	0.00	0.00	0	0.00
\$ / R	On 13/08/2019	Any day expiry	14.48	Put	930.53170	0.93053	910.93840	0.91094	930.532	18.46	0.52	0.00	0	3,147.00
\$ / R	On 13/08/2019	Any day expiry	16.35	Call	275.82310	0.27582	284.95970	0.28496	275.823	21.14	0.22	0.00	0	3,147.00
\$ / R	On 30/08/2019	Any day expiry			14.28650	14.28650	14.32430	14.32430		18.21	0.00	0.00	0	0.00
\$ / R	On 30/08/2019	Any day expiry	13.00	Put	255.18750	0.25519	248.11870	0.24812	255.188	16.67	0.22	0.00	0	500.00
\$ / R	On 30/08/2019	Any day expiry	14.20	Put	776.63850	0.77664	759.20520	0.75921	776.639	18.06	0.45	0.00	0	250.00
\$ / R	On 30/08/2019	Any day expiry	14.25	Put	805.83280	0.80583	787.99360	0.78799	805.833	18.13	0.46	0.00	0	250.00
\$ / R	On 30/08/2019	Any day expiry	15.52	Call	456.51870	0.45652	468.38050	0.46838	456.519	20.00	0.33	0.00	0	500.00
\$ / R	On 30/08/2019	Any day expiry	16.33	Call	311.63350	0.31163	320.84710	0.32085	311.633	21.07	0.24	0.00	0	250.00
\$ / R	On 30/08/2019	Any day expiry	16.70	Call	262.63590	0.26264	270.99250	0.27099	262.636	21.53	0.21	0.00	0	250.00
\$ / R	On 02/09/2019	Any day expiry			14.29200	14.29200	14.32980	14.32980		18.18	0.00	0.00	0	55.00
\$ / R	On 04/09/2019	Any day expiry			14.29570	14.29570	14.33350	14.33350		18.19	0.00	0.00	0	74.00
\$ / R	On 05/09/2019	Any day expiry			14.29750	14.29750	14.33530	14.33530		18.19	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 05/09/2019	Any day expiry	19.00	Call	116.38930	0.11639	122.25450	0.12225	116.389	24.80	0.09	0.00	0	20,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future			14.31770	14.31770	14.35560	14.35560		18.18	0.00	0.00	0	14,250.00
\$ / R	On 16/09/2019	Foreign Exchange Future	10.75	Put	10.07310	0.01007	10.40180	0.01040	10.073	16.29	0.01	0.00	0	1,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	12.50	Put	137.18410	0.13718	131.20820	0.13121	137.184	15.88	0.14	0.00	0	1,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	13.25	Put	347.78990	0.34779	338.50540	0.33851	347.790	16.86	0.27	0.00	0	3,900.00
\$ / R	On 16/09/2019	Foreign Exchange Future	13.91	Put	631.94210	0.63194	615.89440	0.61589	631.942	17.61	0.39	0.00	0	81,930.00
\$ / R	On 16/09/2019	Foreign Exchange Future	13.97	Put	663.35420	0.66335	646.84210	0.64684	663.354	17.70	0.40	0.00	0	800.00
\$ / R	On 16/09/2019	Foreign Exchange Future	14.09	Put	728.43240	0.72843	711.00840	0.71101	728.432	17.87	0.43	0.00	0	33,715.00
\$ / R	On 16/09/2019	Foreign Exchange Future	14.21	Put	796.43460	0.79643	778.12270	0.77812	796.435	18.05	0.45	0.00	0	2,700.00
\$ / R	On 16/09/2019	Foreign Exchange Future	14.33	Put	867.13980	0.86714	848.07570	0.84808	867.140	18.22	0.47	0.00	0	33,151.00
\$ / R	On 16/09/2019	Foreign Exchange Future	15.38	Put	1,587.79680	1.58780	1,562.53350	1.56253	1,587.797	19.71	0.64	0.00	0	5,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	15.56	Put	1,727.30880	1.72731	1,701.24690	1.70125	1,727.309	19.98	0.66	0.00	0	2,571.00
\$ / R	On 16/09/2019	Foreign Exchange Future	15.87	Call	422.28260	0.42228	433.39620	0.43340	422.283	20.41	0.30	0.00	0	1,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.23	Call	234.59730	0.23460	240.89040	0.24089	234.597	22.15	0.18	0.00	0	800.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.64	Call	206.01610	0.20602	211.76560	0.21177	206.016	22.91	0.16	0.00	0	5,000.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.85	Call	193.52180	0.19352	199.03030	0.19903	193.522	23.31	0.15	0.00	0	2,700.00
\$ / R	On 16/09/2019	Foreign Exchange Future	17.93	Call	189.09230	0.18909	194.51980	0.19452	189.092	23.46	0.14	0.00	0	2,571.00
\$ / R	On 16/09/2019	Foreign Exchange Future	18.29	Call	171.18140	0.17118	176.26450	0.17626	171.181	24.13	0.13	0.00	0	81,930.00
\$ / R	On 16/09/2019	Foreign Exchange Future	18.47	Call	163.32540	0.16333	168.25840	0.16826	163.325	24.46	0.12	0.00	0	1,200.00
\$ / R	On 16/09/2019	Foreign Exchange Future	18.63	Call	155.56920	0.15557	161.69400	0.16169	155.569	24.71	0.12	0.00	0	33,715.00
\$ / R	On 16/09/2019	Foreign Exchange Future	19.32	Call	107.40710	0.10741	112.75510	0.11276	107.407	24.71	0.09	0.00	0	33,151.00
\$ / R	On 30/09/2019	Any day expiry			14.34340	14.34340	14.38140	14.38140		18.23	0.00	0.00	0	0.00
\$ / R	On 30/09/2019	Any day expiry	13.00	Put	278.30840	0.27831	271.28800	0.27129	278.308	16.65	0.22	0.00	0	500.00
\$ / R	On 30/09/2019	Any day expiry	14.20	Put	801.30510	0.80131	783.80070	0.78380	801.305	18.01	0.44	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	14.25	Put	830.30030	0.83030	812.45720	0.81246	830.300	18.08	0.45	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	15.68	Call	489.72640	0.48973	501.96090	0.50196	489.726	20.10	0.33	0.00	0	500.00
\$ / R	On 30/09/2019	Any day expiry	16.50	Call	343.65360	0.34365	353.47260	0.35347	343.654	21.13	0.25	0.00	0	250.00
\$ / R	On 30/09/2019	Any day expiry	16.89	Call	291.97000	0.29197	300.68680	0.30069	291.970	21.60	0.21	0.00	0	250.00
\$ / R	On 02/10/2019	Any day expiry			14.34710	14.34710	14.38500	14.38500		18.24	0.00	0.00	0	55.00
\$ / R	On 31/10/2019	Any day expiry			14.39970	14.39970	14.43810	14.43810		18.30	0.00	0.00	0	55.00
\$ / R	On 31/10/2019	Any day expiry	13.00	Put	302.04750	0.30205	294.10010	0.29410	302.048	16.69	0.22	0.00	0	500.00
\$ / R	On 31/10/2019	Any day expiry	14.20	Put	826.34260	0.82634	808.15570	0.80816	826.343	18.01	0.43	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	14.25	Put	855.17510	0.85518	836.66060	0.83666	855.175	18.08	0.44	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	15.87	Call	516.57420	0.51657	528.68090	0.52868	516.574	20.29	0.33	0.00	0	500.00
\$ / R	On 31/10/2019	Any day expiry	16.70	Call	371.51730	0.37152	381.38330	0.38138	371.517	21.27	0.25	0.00	0	250.00
\$ / R	On 31/10/2019	Any day expiry	17.09	Call	320.39260	0.32039	329.31290	0.32931	320.393	21.74	0.22	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry			14.45200	14.45200	14.49090	14.49090		18.36	0.00	0.00	0	0.00
\$ / R	On 29/11/2019	Any day expiry	13.00	Put	322.58380	0.32258	311.68180	0.31168	322.584	16.72	0.23	0.00	0	500.00
\$ / R	On 29/11/2019	Any day expiry	14.20	Put	847.30130	0.84730	828.56220	0.82856	847.301	18.00	0.43	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	14.25	Put	875.97190	0.87597	856.91260	0.85691	875.972	18.07	0.43	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	16.03	Call	542.62690	0.54263	554.53720	0.55454	542.627	20.40	0.33	0.00	0	500.00
\$ / R	On 29/11/2019	Any day expiry	16.87	Call	398.59650	0.39860	408.29970	0.40830	398.597	21.38	0.25	0.00	0	250.00
\$ / R	On 29/11/2019	Any day expiry	17.26	Call	347.78260	0.34778	356.66630	0.35667	347.783	21.83	0.22	0.00	0	250.00
\$ / R	On 02/12/2019	Any day expiry			14.45740	14.45740	14.49640	14.49640		18.34	0.00	0.00	0	55.00

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 04/12/2019	Any day expiry		14.46100	14.46100		14.50010	14.50010		18.35	0.00	0.00	0	321.00
\$ / R	On 13/12/2019	Foreign Exchange Future		14.47720	14.47720		14.51650	14.51650		18.41	0.00	0.00	0	9,900.00
\$ / R	On 13/12/2019	Foreign Exchange Future	11.89	Put	66.10310	0.06610	62.02610	0.06203	66.103	14.54	0.07	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	13.66	Put	580.56210	0.58056	565.68510	0.56569	580.562	17.30	0.33	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	14.07	Put	784.03890	0.78404	765.84660	0.76585	784.039	17.80	0.40	0.00	0	1,351.00
\$ / R	On 13/12/2019	Foreign Exchange Future	16.85	Call	425.62360	0.42562	435.52440	0.43552	425.624	21.30	0.26	0.00	0	1,351.00
\$ / R	On 13/12/2019	Foreign Exchange Future	17.38	Call	355.73170	0.35573	364.57900	0.36458	355.732	21.91	0.22	0.00	0	1,000.00
\$ / R	On 13/12/2019	Foreign Exchange Future	20.00	Call	151.39300	0.15139	157.79720	0.15780	151.393	24.31	0.10	0.00	0	2,000.00
\$ / R	On 31/12/2019	Any day expiry		14.50970	14.50970		14.54930	14.54930		18.39	0.00	0.00	0	0.00
\$ / R	On 31/12/2019	Any day expiry	13.00	Put	340.32940	0.34033	328.60750	0.32861	340.329	16.66	0.23	0.00	0	500.00
\$ / R	On 31/12/2019	Any day expiry	14.20	Put	867.42940	0.86743	848.16850	0.84817	867.429	17.97	0.42	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	14.25	Put	895.91300	0.89591	876.32630	0.87633	895.913	18.04	0.42	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	16.21	Call	568.27000	0.56827	580.00210	0.58000	568.270	20.50	0.33	0.00	0	500.00
\$ / R	On 31/12/2019	Any day expiry	17.05	Call	427.47150	0.42747	437.20190	0.43720	427.472	21.46	0.26	0.00	0	250.00
\$ / R	On 31/12/2019	Any day expiry	17.44	Call	377.88570	0.37789	386.07510	0.38608	377.886	21.93	0.23	0.00	0	250.00
\$ / R	On 02/01/2020	Any day expiry		14.51330	14.51330		14.55290	14.55290		18.39	0.00	0.00	0	55.00
\$ / R	On 31/01/2020	Any day expiry		14.56870	14.56870		14.60890	14.60890		18.50	0.00	0.00	0	55.00
\$ / R	On 02/03/2020	Any day expiry		14.62990	14.62990		14.67000	14.67000		18.64	0.00	0.00	0	55.00
\$ / R	On 16/03/2020	Foreign Exchange Future		14.65760	14.65760		14.69760	14.69760		18.66	0.00	0.00	0	4,566.00
\$ / R	On 16/03/2020	Foreign Exchange Future	11.91	Put	99.48190	0.09948	94.37100	0.09437	99.482	14.82	0.09	0.00	0	1,000.00
\$ / R	On 16/03/2020	Foreign Exchange Future	14.01	Put	810.96850	0.81097	792.26410	0.79226	810.969	17.79	0.37	0.00	0	1,000.00
\$ / R	On 16/03/2020	Foreign Exchange Future	17.73	Call	475.69000	0.47569	483.69280	0.48369	475.690	22.19	0.25	0.00	0	1,000.00
\$ / R	On 02/04/2020	Any day expiry		14.69110	14.69110		14.73110	14.73110		18.74	0.00	0.00	0	55.00
\$ / R	On 29/04/2020	Any day expiry		14.74450	14.74450		14.78440	14.78440		18.81	0.00	0.00	0	55.00
\$ / R	On 02/06/2020	Any day expiry		14.81160	14.81160		14.85140	14.85140		18.88	0.00	0.00	0	1,055.00
\$ / R	On 12/06/2020	Foreign Exchange Future		14.83140	14.83140		14.87110	14.87110		18.94	0.00	0.00	0	0.00
\$ / R	On 28/07/2020	Any day expiry		14.92220	14.92220		14.96180	14.96180		19.00	0.00	0.00	0	84,000.00
\$ / R	On 14/09/2020	Foreign Exchange Future		15.01700	15.01700		15.05640	15.05640		19.08	0.00	0.00	0	0.00
\$ / R MAXI	On 18/03/2019	Foreign Exchange Future		13.99120	13.99120		14.02780	14.02780		17.58	0.00	0.00	0	422.00
\$ / R MAXI	On 14/06/2019	Foreign Exchange Future		14.14670	14.14670		14.18410	14.18410		17.98	0.00	0.00	0	0.00
\$ / R MAXI	On 16/09/2019	Foreign Exchange Future		14.31770	14.31770		14.35560	14.35560		18.18	0.00	0.00	0	0.00
\$ / R MAXI	On 13/12/2019	Foreign Exchange Future		14.47720	14.47720		14.51650	14.51650		18.41	0.00	0.00	0	0.00
\$ / R MAXI	On 16/03/2020	Foreign Exchange Future		14.65760	14.65760		14.69760	14.69760		18.66	0.00	0.00	0	0.00
£ / R	On 21/01/2019	Any day expiry		17.77200	17.77200		17.75520	17.75520		15.99	0.00	0.00	0	4,112.00
£ / R	On 31/01/2019	Any day expiry		17.79970	17.79970		17.78400	17.78400		16.47	0.00	0.00	0	27.00
£ / R	On 28/02/2019	Any day expiry		17.88680	17.88680		17.86900	17.86900		16.61	0.00	0.00	0	47.00
£ / R	On 18/03/2019	Foreign Exchange Future		17.94230	17.94230		17.92470	17.92470		16.61	0.00	9,096,746.10	507	396,573.00
£ / R	On 18/03/2019	Foreign Exchange Future	18.00	Put	544.95560	0.54496	561.66290	0.56166	544.956	16.67	0.50	0.00	0	500.00
£ / R	On 18/03/2019	Foreign Exchange Future	19.00	Call	188.22330	0.18822	188.58630	0.18859	188.223	17.83	0.24	0.00	0	2,500.00
£ / R	On 18/03/2019	Foreign Exchange Future	19.19	Put	1,403.45850	1.40346	1,421.57290	1.42157	1,403.459	18.07	0.79	0.00	0	1,000.00
£ / R	On 18/03/2019	Foreign Exchange Future	20.00	Call	66.69170	0.06669	67.62540	0.06763	66.692	18.96	0.10	0.00	0	500.00
£ / R	On 18/03/2019	Foreign Exchange Future	20.18	Call	54.27990	0.05428	55.49180	0.05549	54.280	19.10	0.08	0.00	0	1,500.00

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	21.44	Call	12.20250	0.01220	13.53920	0.01354	12.203	20.02	0.02	0.00	0	500.00
£ / R	On 29/03/2019	Any day expiry			17.97690	17.97690	17.95930	17.95930		16.70	0.00	0.00	0	80.00
£ / R	On 15/04/2019	Any day expiry			18.03040	18.03040	18.01290	18.01290		16.68	0.00	0.00	0	43.00
£ / R	On 14/06/2019	Foreign Exchange Future			18.21950	18.21950	18.20140	18.20140		16.78	0.00	9,109,750.00	500	5,764.00
£ / R	On 16/09/2019	Foreign Exchange Future			18.52100	18.52100	18.50280	18.50280		16.88	0.00	277,815.00	15	16,660.00
£ / R	On 13/12/2019	Foreign Exchange Future			18.80110	18.80110	18.78470	18.78470		17.00	0.00	0.00	0	247.00
£ / R	On 16/03/2020	Foreign Exchange Future			19.11460	19.11460	19.09680	19.09680		17.67	0.00	0.00	0	0.00
¥ / R	On 18/03/2019	Foreign Exchange Future			0.12966	0.12966	0.12955	0.12955		23.38	0.00	0.00	0	0.00
¥ / R	On 14/06/2019	Foreign Exchange Future			0.13205	0.13205	0.13196	0.13196		23.02	0.00	0.00	0	0.00
¥ / R	On 16/09/2019	Foreign Exchange Future			0.13470	0.13470	0.13461	0.13461		22.74	0.00	0.00	0	0.00
¥ / R	On 13/12/2019	Foreign Exchange Future			0.13720	0.13720	0.13713	0.13713		22.64	0.00	0.00	0	0.00
¥ / R	On 16/03/2020	Foreign Exchange Future			0.14011	0.14011	0.14004	0.14004		22.56	0.00	0.00	0	0.00
€ / R	On 21/01/2019	Any day expiry			16.02560	16.02560	15.95380	15.95380		14.99	0.00	0.00	0	4,830.00
€ / R	On 28/02/2019	Any day expiry			16.15060	16.15060	16.07710	16.07710		15.97	0.00	0.00	0	29.00
€ / R	On 18/03/2019	Foreign Exchange Future			16.21110	16.21110	16.13780	16.13780		16.03	0.00	244,576,865.70	15,087	135,066.00
€ / R	On 18/03/2019	Foreign Exchange Future	16.00	Call	552.01630	0.55202	516.19250	0.51619	552.016	15.81	0.59	0.00	0	650.00
€ / R	On 29/03/2019	Any day expiry			16.20100	16.20100	16.12750	16.12750		16.06	0.00	0.00	0	53.00
€ / R	On 15/04/2019	Any day expiry			16.30770	16.30770	16.23470	16.23470		16.20	0.00	0.00	0	4.00
€ / R	On 14/06/2019	Foreign Exchange Future			16.51550	16.51550	16.44130	16.44130		16.55	0.00	0.00	0	24,300.00
€ / R	On 14/08/2019	Any day expiry			16.73320	16.73320	16.65780	16.65780		16.83	0.00	0.00	0	0.00
€ / R	On 14/08/2019	Any day expiry	17.01	Put	1,035.21710	1.03522	1,081.57070	1.08157	1,035.217	17.16	0.52	0.00	0	16,200.00
€ / R	On 14/08/2019	Any day expiry	19.65	Call	230.10810	0.23011	221.39110	0.22139	230.108	20.48	0.17	0.00	0	62,400.00
€ / R	On 16/09/2019	Foreign Exchange Future			16.85160	16.85160	16.77580	16.77580		16.89	0.00	0.00	0	10,175.00
€ / R	On 16/09/2019	Foreign Exchange Future	18.60	Call	451.99810	0.45200	435.11510	0.43512	451.998	19.08	0.29	0.00	0	55,000.00
€ / R	On 13/12/2019	Foreign Exchange Future			17.16660	17.16660	17.09220	17.09220		17.08	0.00	0.00	0	277.00
€ / R	On 13/12/2019	Foreign Exchange Future	13.73	Put	66.82420	0.06682	72.79940	0.07280	66.824	15.47	0.06	0.00	0	17,150.00
€ / R	On 13/12/2019	Foreign Exchange Future	16.15	Put	590.37880	0.59038	618.72100	0.61872	590.379	15.95	0.32	0.00	0	17,150.00
€ / R	On 13/12/2019	Foreign Exchange Future	20.62	Call	371.68350	0.37168	364.94060	0.36494	371.683	20.91	0.21	0.00	0	17,150.00
€ / R	On 16/03/2020	Foreign Exchange Future			17.47670	17.47670	17.39930	17.39930		17.42	0.00	0.00	0	0.00
5Y STND	On 21/12/2021	Interest Rate Swap			96.90000	96.90000	96.91000	96.91000			0.00	0.00	0	51.00
AL37	On 07/02/2019	Index Future			613.88000	613.88000	613.44600	613.44600			0.00	0.00	0	0.00
AL37	On 02/05/2019	Index Future			624.59100	624.59100	624.15000	624.15000			0.00	0.00	0	0.00
AL37	On 01/08/2019	Index Future			636.76400	636.76400	636.31600	636.31600			0.00	0.00	0	0.00
AL7T	On 07/02/2019	Index Future			709.49600	709.49600	708.71400	708.71400			0.00	0.00	0	0.00
AL7T	On 02/05/2019	Index Future			721.87500	721.87500	721.08100	721.08100			0.00	0.00	0	0.00
AL7T	On 01/08/2019	Index Future			735.94400	735.94400	735.13600	735.13600			0.00	0.00	0	0.00
ALBI	On 07/02/2019	Index Future			643.53600	643.53600	642.43800	642.43800			0.00	0.00	0	905.00
ALBI	On 02/05/2019	Index Future			654.76500	654.76500	653.64800	653.64800			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
ALBI	On 01/08/2019	Index Future			667.52600		667.52600		666.38900	666.38900			0.00	0.00	0	0.00
AU\$ / R	On 18/03/2019	Foreign Exchange Future			10.05970		10.05970		10.02850	10.02850		13.57	0.00	0.00	0	7,365.00
AU\$ / R	On 14/06/2019	Foreign Exchange Future			10.18510		10.18510		10.15370	10.15370		13.84	0.00	0.00	0	15,741.00
AU\$ / R	On 16/09/2019	Foreign Exchange Future			10.32390		10.32390		10.29130	10.29130		13.85	0.00	0.00	0	650.00
AU\$ / R	On 13/12/2019	Foreign Exchange Future			10.45340		10.45340		10.42130	10.42130		13.94	0.00	0.00	0	400.00
AU\$ / R	On 13/12/2019	Foreign Exchange Future	11.00	Call	372.38470		0.37238		363.13030	0.36313	372.385	14.75	0.39	0.00	0	1,000.00
AU\$ / R	On 16/03/2020	Foreign Exchange Future			10.59920		10.59920		10.56700	10.56700		14.51	0.00	0.00	0	0.00
CAD/ R	On 18/03/2019	Foreign Exchange Future			10.59800		10.59800		10.57540	10.57540		14.65	0.00	0.00	0	500.00
CAD/ R	On 14/06/2019	Foreign Exchange Future			10.73530		10.73530		10.71230	10.71230		14.94	0.00	0.00	0	650.00
CAD/ R	On 16/09/2019	Foreign Exchange Future			10.88400		10.88400		10.86040	10.86040		15.08	0.00	0.00	0	250.00
CAD/ R	On 13/12/2019	Foreign Exchange Future			10.89900		10.89900		10.87530	10.87530		15.02	0.00	0.00	0	0.00
CAD/ R	On 16/03/2020	Foreign Exchange Future			11.03590		11.03590		11.01390	11.01390		15.52	0.00	0.00	0	0.00
CF CANDO CAHF	On 18/03/2019	Can-Do Future			52.24000		52.24000		58.48000	58.48000			0.00	0.00	0	0.00
CHF / R	On 18/03/2019	Foreign Exchange Future			14.43990		14.43990		14.38430	14.38430		16.40	0.00	0.00	0	1,043.00
CHF / R	On 14/06/2019	Foreign Exchange Future			14.72500		14.72500		14.67040	14.67040		17.21	0.00	0.00	0	150.00
CHF / R	On 16/09/2019	Foreign Exchange Future			15.04050		15.04050		14.98430	14.98430		17.86	0.00	0.00	0	0.00
CHF / R	On 13/12/2019	Foreign Exchange Future			15.33730		15.33730		15.28090	15.28090		18.29	0.00	0.00	0	0.00
CHF / R	On 16/03/2020	Foreign Exchange Future			15.62470		15.62470		15.56570	15.56570		18.48	0.00	0.00	0	0.00
CNH / R	On 18/03/2019	Foreign Exchange Future			2.05140		2.05140		2.04520	2.04520		15.47	0.00	0.00	0	0.00
CNH / R	On 14/06/2019	Foreign Exchange Future			2.07350		2.07350		2.06760	2.06760		15.57	0.00	0.00	0	0.00
DKK / R	On 18/03/2019	Foreign Exchange Future			2.18630		2.18630		2.17610	2.17610		15.48	0.00	0.00	0	0.00
DKK / R	On 14/06/2019	Foreign Exchange Future			2.22850		2.22850		2.21810	2.21810		15.72	0.00	0.00	0	0.00
DKK / R	On 16/09/2019	Foreign Exchange Future			2.27410		2.27410		2.26360	2.26360		15.64	0.00	0.00	0	0.00
DKK / R	On 13/12/2019	Foreign Exchange Future			2.31380		2.31380		2.30290	2.30290		15.88	0.00	0.00	0	0.00
DKK / R	On 16/03/2020	Foreign Exchange Future			2.44780		2.44780		2.43620	2.43620		17.03	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			10.92052		78.41384		10.94954	78.24363			0.00	0.00	0	494.00
ES33	On 02/05/2019	Bond Future			11.01563		75.99085		11.04552	75.81813			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
ES33	On 01/08/2019	Bond Future		11.11347	77.47219		11.14437	77.29640			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
ES42	On 07/02/2019	Bond Future		11.15863	80.63434		11.18745	80.44164			0.00	0.00	0	5,169.00
ES42	On 02/05/2019	Bond Future		11.25388	77.78067		11.28358	77.58508			0.00	0.00	0	0.00
ES42	On 01/08/2019	Bond Future		11.35008	79.29718		11.38076	79.09810			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		637.05200	637.05200		635.94900	635.94900			0.00	0.00	0	451.00
GOVI	On 02/05/2019	GOVI		648.16700	648.16700		647.04600	647.04600			0.00	0.00	0	0.00
GOVI	On 01/08/2019	GOVI		660.79900	660.79900		659.65800	659.65800			0.00	0.00	0	0.00
HK\$/R	On 18/03/2019	Foreign Exchange Future		1.78890	1.78890		1.79350	1.79350		17.74	0.00	0.00	0	0.00
HK\$/R	On 14/06/2019	Foreign Exchange Future		1.81250	1.81250		1.81720	1.81720		17.78	0.00	0.00	0	0.00
I2025	On 07/02/2019	Bond Future		132.77943	132.77943		132.73056	132.73056			0.00	0.00	0	355.00
I2025	On 02/05/2019	Bond Future		135.12634	135.12634		135.07745	135.07745			0.00	0.00	0	0.00
I2025	On 01/08/2019	Bond Future		137.74538	137.74538		137.69599	137.69599			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		100.82206	100.82206		100.72096	100.72096			0.00	0.00	0	2,954.00
I2029	On 02/05/2019	Bond Future		101.53110	101.53110		101.42884	101.42884			0.00	0.00	0	0.00
I2029	On 01/08/2019	Bond Future		103.53416	103.53416		103.43023	103.43023			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		102.97358	102.97358		102.83965	102.83965			0.00	0.00	0	5,890.00
I2033	On 02/05/2019	Bond Future		103.64836	103.64836		103.51269	103.51269			0.00	0.00	0	0.00
I2033	On 01/08/2019	Bond Future		105.69311	105.69311		105.55518	105.55518			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		120.37211	120.37211		120.35971	120.35971			0.00	0.00	0	9,955.00
I2038	On 02/05/2019	Bond Future		122.49981	122.49981		122.48793	122.48793			0.00	0.00	0	0.00
I2038	On 01/08/2019	Bond Future		124.86388	124.86388		124.85222	124.85222			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		114.29906	114.29906		114.28671	114.28671			0.00	0.00	0	12,458.00
I2046	On 02/05/2019	Bond Future		114.63329	114.63329		114.62132	114.62132			0.00	0.00	0	0.00
I2046	On 01/08/2019	Bond Future		116.89485	116.89485		116.88317	116.88317			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		118.68326	118.68326		117.81051	117.81051			0.00	0.00	0	10,568.00
I2050	On 02/05/2019	Bond Future		120.78123	120.78123		119.89366	119.89366			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
I2050	On 01/08/2019	Bond Future			121.34554		121.34554		120.44093	120.44093			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			254.28100		254.28100		253.91400	253.91400			0.00	0.00	0	518.00
IGOV	On 02/05/2019	Index Future			258.77500		258.77500		258.40300	258.40300			0.00	0.00	0	215.00
IGOV	On 01/08/2019	Index Future			263.88000		263.88000		263.50100	263.50100			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			0.13610		0.13610		0.13610	0.13610			0.00	0.00	0	0.00
KES / R	On 14/06/2019	Foreign Exchange Future			0.13560		0.13560		0.13620	0.13620			0.00	0.00	0	2,166.00
KES / R	On 16/09/2019	Foreign Exchange Future			0.13550		0.13550		0.13610	0.13610			0.00	0.00	0	0.00
KES / R	On 13/12/2019	Foreign Exchange Future			0.13500		0.13500		0.13500	0.13500			0.00	0.00	0	0.00
KES / R	On 16/03/2020	Foreign Exchange Future			0.13440		0.13440		0.13360	0.13360			0.00	0.00	0	0.00
NOK/R	On 18/03/2019	Foreign Exchange Future			1.66010		1.66010		1.65090	1.65090		14.11	0.00	0.00	0	0.00
NOK/R	On 14/06/2019	Foreign Exchange Future			1.68470		1.68470		1.67550	1.67550		14.65	0.00	0.00	0	0.00
NZ\$ / R	On 18/03/2019	Foreign Exchange Future			9.52100		9.52100		9.43870	9.43870		13.78	0.00	0.00	0	0.00
NZ\$ / R	On 14/06/2019	Foreign Exchange Future			9.64080		9.64080		9.55840	9.55840		14.06	0.00	0.00	0	0.00
NZ\$ / R	On 16/09/2019	Foreign Exchange Future			9.77200		9.77200		9.68870	9.68870		14.36	0.00	0.00	0	213.00
NZ\$ / R	On 13/12/2019	Foreign Exchange Future			9.89430		9.89430		9.81170	9.81170		14.65	0.00	0.00	0	0.00
NZ\$ / R	On 16/03/2020	Foreign Exchange Future			10.40050		10.40050		10.31350	10.31350		15.77	0.00	0.00	0	0.00
PULA / R	On 18/03/2019	Foreign Exchange Future			1.31910		1.31910		1.31790	1.31790			0.00	0.00	0	0.00
PULA / R	On 14/06/2019	Foreign Exchange Future			1.32580		1.32580		1.32180	1.32180			0.00	0.00	0	0.00
QUANTO £ / \$	On 18/03/2019	Foreign Exchange Future			1.28240		1.28240		1.27780	1.27780			0.00	0.00	0	400.00
QUANTO £ / \$	On 14/06/2019	Foreign Exchange Future			1.28790		1.28790		1.28320	1.28320			0.00	0.00	0	0.00
QUANTO £ / \$	On 16/09/2019	Foreign Exchange Future			1.29360		1.29360		1.28890	1.28890			0.00	0.00	0	0.00
QUANTO £ / \$	On 13/12/2019	Foreign Exchange Future			1.29870		1.29870		1.29400	1.29400			0.00	0.00	0	0.00
QUANTO £ / \$	On 16/03/2020	Foreign Exchange Future			1.30410		1.30410		1.29930	1.29930			0.00	0.00	0	0.00
QUANTO € / \$	On 18/03/2019	Foreign Exchange Future			1.15870		1.15870		1.15040	1.15040			0.00	23,174.00	20	5.00
QUANTO € / \$	On 14/06/2019	Foreign Exchange Future			1.16740		1.16740		1.15910	1.15910			0.00	0.00	0	582.00
QUANTO € / \$	On 16/09/2019	Foreign Exchange Future			1.17700		1.17700		1.16860	1.16860			0.00	0.00	0	0.00
QUANTO € / \$	On 13/12/2019	Foreign Exchange Future			1.18580		1.18580		1.17740	1.17740			0.00	0.00	0	0.00
QUANTO € / \$	On 16/03/2020	Foreign Exchange Future			1.19230		1.19230		1.18380	1.18380			0.00	0.00	0	0.00
R186	On 07/02/2019	Bond Future			8.80920		110.94715		8.83155	110.81484		6.94	0.00	174,852,708.40	1,576	86,420.00
R186	On 07/02/2019	Bond Future	8.30	Call	60.04000		0.06004		55.77000	0.05577	60.040	6.46	0.07	0.00	0	210.00
R186	On 07/02/2019	Bond Future	8.50	Call	207.84000		0.20784		193.13000	0.19313	207.840	6.54	0.19	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	8.77	Call	734.92000		0.73492		689.92000	0.68992	734.920	6.78	0.46	0.00	0	1,170.00

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	9.00	Put	413.92000		0.41392		468.05000	0.46805	413.920	6.94	0.30	0.00	0	7,500.00
R186	On 07/02/2019	Bond Future	9.10	Put	270.59000		0.27059		311.62000	0.31162	270.590	7.03	0.21	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	9.20	Call	2,454.75000		2.45475	2,352.27000	2.35227	2,454.750		7.12	0.85	0.00	0	3,000.00
R186	On 07/02/2019	Bond Future	9.23	Call	2,604.48000		2.60448	2,499.07000	2.49907	2,604.480		7.14	0.87	0.00	0	3,000.00
R186	On 07/02/2019	Bond Future	9.27	Call	2,808.17000		2.80817	2,699.20000	2.69920	2,808.170		7.18	0.89	0.00	0	1,170.00
R186	On 07/02/2019	Bond Future	9.38	Call	3,385.35000		3.38535	3,268.48000	3.26848	3,385.350		7.32	0.93	0.00	0	6,000.00
R186	On 07/02/2019	Bond Future	9.50	Put	37.60000		0.03760	47.04000	0.04704	37.600		7.46	0.04	0.00	0	5,000.00
R186	On 07/02/2019	Bond Future	9.90	Put	3.77000		0.00377	5.17000	0.00517	3.770		7.94	0.00	0.00	0	1,000.00
R186	On 07/02/2019	Bond Future	9.92	Put	3.34000		0.00334	4.60000	0.00460	3.340		7.96	0.00	0.00	0	1,170.00
R186	On 02/05/2019	Bond Future			8.85995		112.88291		8.88317	112.74896		6.88	0.00	0.00	0	3,050.00
R186	On 02/05/2019	Bond Future	8.50	Call	810.36000		0.81036	775.61000	0.77561	810.360		6.54	0.31	0.00	0	7,000.00
R186	On 02/05/2019	Bond Future	8.62	Call	1,065.30000		1.06530	1,022.60000	1.02260	1,065.300		6.63	0.38	0.00	0	90.00
R186	On 02/05/2019	Bond Future	8.65	Call	1,136.00000		1.13600	1,091.24000	1.09124	1,136.000		6.65	0.39	0.00	0	3,250.00
R186	On 02/05/2019	Bond Future	8.70	Call	1,259.91000		1.25991	1,211.66000	1.21166	1,259.910		6.69	0.42	0.00	0	200.00
R186	On 02/05/2019	Bond Future	8.80	Call	1,528.58000		1.52858	1,473.23000	1.47323	1,528.580		6.76	0.48	0.00	0	7,500.00
R186	On 02/05/2019	Bond Future	9.00	Call	2,149.93000		2.14993	2,080.32000	2.08032	2,149.930		6.88	0.58	0.00	0	7,000.00
R186	On 02/05/2019	Bond Future	9.20	Call	2,883.96000		2.88396	2,800.89000	2.80089	2,883.960		7.02	0.68	0.00	0	90.00
R186	On 02/05/2019	Bond Future	9.25	Call	3,082.12000		3.08212	2,995.90000	2.99590	3,082.120		7.06	0.70	0.00	0	3,250.00
R186	On 02/05/2019	Bond Future	9.30	Call	3,288.91000		3.28891	3,199.72000	3.19972	3,288.910		7.11	0.72	0.00	0	200.00
R186	On 02/05/2019	Bond Future	9.75	Put	343.73000		0.34373	367.54000	0.36754	343.730		7.62	0.14	0.00	0	7,000.00
R186	On 02/05/2019	Bond Future	9.96	Put	232.23000		0.23223	249.57000	0.24957	232.230		7.87	0.10	0.00	0	90.00
R186	On 02/05/2019	Bond Future	10.02	Put	205.10000		0.20510	220.79000	0.22079	205.100		7.92	0.09	0.00	0	3,250.00
R186	On 02/05/2019	Bond Future	10.07	Put	181.06000		0.18106	195.29000	0.19529	181.060		7.92	0.08	0.00	0	200.00
R186	On 01/08/2019	Bond Future			8.90622		109.78161		8.93048	109.64555		6.98	0.00	0.00	0	0.00
R186	On 01/08/2019	Bond Future	8.30	Call	821.57000		0.82157	790.28000	0.79028	821.570		6.38	0.26	0.00	0	6,000.00
R186	On 01/08/2019	Bond Future	9.05	Call	2,713.80000		2.71380	2,642.99000	2.64299	2,713.800		7.02	0.57	0.00	0	6,000.00
R186	On 01/08/2019	Bond Future	10.08	Put	564.18000		0.56418	589.86000	0.58986	564.180		8.14	0.16	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			299.64858		299.64858		299.62741	299.62741			0.00	0.00	0	2,355.00
R197	On 02/05/2019	Bond Future			304.94500		304.94500		304.92498	304.92498			0.00	0.00	0	0.00
R197	On 01/08/2019	Bond Future			303.40196		303.40196		303.38275	303.38275			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			231.29523		231.29523		230.60275	230.60275			0.00	0.00	0	8,805.00
R202	On 02/05/2019	Bond Future			235.38354		235.38354		234.68007	234.68007			0.00	0.00	0	0.00
R202	On 01/08/2019	Bond Future			236.01211		236.01211		235.29579	235.29579			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			8.03432		102.56085		8.05639	102.48637		3.07	0.00	0.00	0	62,388.00

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
R2023	On 02/05/2019	Bond Future			8.05765		100.42077		8.08106	100.34562		3.23	0.00	0.00	0	0.00
R2023	On 01/08/2019	Bond Future			8.06542		102.37814		8.09057	102.30196		3.33	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
R2030	On 07/02/2019	Bond Future			9.30518		91.40637		9.32246	91.29631		9.63	0.00	142,593,937.20	1,560	55,192.00
R2030	On 07/02/2019	Bond Future	8.90	Call	150.45000		0.15045		144.52000	0.14452	150.450	8.91	0.13	0.00	0	1,320.00
R2030	On 07/02/2019	Bond Future	9.18	Call	606.39000		0.60639		581.42000	0.58142	606.390	9.25	0.37	0.00	0	3,960.00
R2030	On 07/02/2019	Bond Future	9.60	Call	2,182.56000		2.18256		2,111.19000	2.11119	2,182.560	9.75	0.78	0.00	0	1,320.00
R2030	On 07/02/2019	Bond Future	9.68	Call	2,582.83000		2.58283		2,503.72000	2.50372	2,582.830	9.85	0.83	0.00	0	3,960.00
R2030	On 07/02/2019	Bond Future	10.20	Put	20.29000		0.02029		25.13000	0.02513	20.290	10.72	0.02	0.00	0	3,960.00
R2030	On 02/05/2019	Bond Future			9.36159		93.00135		9.37937	92.88995		9.59	0.00	0.00	0	0.00
R2030	On 02/05/2019	Bond Future	8.90	Call	744.97000		0.74497		721.81000	0.72181	744.970	8.88	0.27	0.00	0	3,000.00
R2030	On 02/05/2019	Bond Future	9.40	Call	2,079.74000		2.07974		2,029.83000	2.02983	2,079.740	9.49	0.53	0.00	0	3,000.00
R2030	On 02/05/2019	Bond Future	10.20	Put	485.37000		0.48537		509.92000	0.50992	485.370	10.57	0.16	0.00	0	3,000.00
R2030	On 01/08/2019	Bond Future			9.41794		90.80892		9.43634	90.69572		9.71	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			9.52121		93.62692		9.53862	93.50669		10.49	0.00	121,714,996.00	1,300	42,475.00
R2032	On 02/05/2019	Bond Future			9.57761		91.10392		9.59549	90.98218		10.88	0.00	0.00	0	0.00
R2032	On 01/08/2019	Bond Future			9.63225		92.87989		9.65069	92.75616		10.49	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			9.65671		97.72449		9.68428	97.51270		11.20	0.00	91,861,020.60	940	74,160.00
R2035	On 02/05/2019	Bond Future			9.71082		94.92953		9.73913	94.71465		11.66	0.00	0.00	0	0.00
R2035	On 01/08/2019	Bond Future			9.76418		96.77997		9.79337	96.56125		11.26	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			9.72516		89.96503		9.74747	89.79242		12.32	0.00	0.00	0	64,737.00
R2037	On 02/05/2019	Bond Future			9.78168		91.53487		9.80457	91.35979		12.24	0.00	0.00	0	0.00
R2037	On 01/08/2019	Bond Future			9.83914		89.06353		9.86272	88.88539		12.41	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			9.80010		93.22580		9.82745	92.99841		12.73	0.00	713,177,370.00	7,650	30,578.00
R2040	On 02/05/2019	Bond Future			9.85643		94.85261		9.88450	94.62177		12.66	0.00	0.00	0	0.00
R2040	On 02/05/2019	Bond Future	9.60	Call	1,619.10000		1.61910		1,543.26000	1.54326	1,619.100	11.99	0.38	0.00	0	1,150.00
R2040	On 02/05/2019	Bond Future	10.20	Call	4,291.92000		4.29192		4,149.19000	4.14919	4,291.920	12.96	0.67	0.00	0	1,150.00
R2040	On 01/08/2019	Bond Future			9.91385		92.19560		9.94276	91.96065		12.85	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			9.81425		90.43124		9.84656	90.15762		13.35	0.00	0.00	0	37,882.00
R2044	On 02/05/2019	Bond Future			9.86816		92.00921		9.90130	91.73139		13.29	0.00	0.00	0	0.00
R2044	On 01/08/2019	Bond Future			9.92302		89.42191		9.95713	89.13906		13.50	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

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 07/02/2019	Bond Future			9.79453		93.97876		9.82690	93.69669		13.14	0.00	15,976,389.20	170	107,413.00
R2048	On 02/05/2019	Bond Future			9.84334		91.18186		9.87651	90.89548		13.73	0.00	0.00	0	3.00
R2048	On 01/08/2019	Bond Future			9.89155		92.95922		9.92565	92.66760		13.31	0.00	0.00	0	0.00
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			5.93533		101.71751		5.93325	101.71937		0.25	0.00	0.00	0	15,739.00
R207	On 02/05/2019	Bond Future			5.36639		103.49226		5.36272	103.49475		0.23	0.00	0.00	0	0.00
R207	On 01/08/2019	Bond Future			3.88759		101.86733		3.88095	101.87028		0.16	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			6.95581		102.09150		6.96959	102.06471		1.01	0.00	0.00	0	17,335.00
R208	On 02/05/2019	Bond Future			6.86487		100.47193		6.88010	100.44526		1.12	0.00	0.00	0	0.00
R208	On 01/08/2019	Bond Future			6.69703		102.43042		6.71440	102.40366		1.18	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			9.59339		74.45365		9.62057	74.27534		12.58	0.00	0.00	0	117,717.00
R209	On 07/02/2019	Bond Future	9.04	Call	68.22000		0.06822		62.14000	0.06214	68.220	11.50	0.07	0.00	0	4,000.00
R209	On 07/02/2019	Bond Future	9.54	Call	862.32000		0.86232		801.27000	0.80127	862.320	12.26	0.45	0.00	0	4,000.00
R209	On 07/02/2019	Bond Future	10.20	Put	102.20000		0.10220		124.96000	0.12496	102.200	13.45	0.08	0.00	0	4,000.00
R209	On 02/05/2019	Bond Future			9.64219		72.60378		9.67005	72.42275		13.13	0.00	0.00	0	0.00
R209	On 02/05/2019	Bond Future	9.35	Call	1,214.93000		1.21493		1,158.28000	1.15828	1,214.930	12.49	0.37	0.00	0	760.00
R209	On 02/05/2019	Bond Future	9.95	Call	3,256.68000		3.25668		3,147.73000	3.14773	3,256.680	13.42	0.66	0.00	0	760.00
R209	On 02/05/2019	Bond Future	10.50	Put	539.96000		0.53996		577.39000	0.57739	539.960	14.60	0.17	0.00	0	11,560.00
R209	On 02/05/2019	Bond Future	10.71	Put	388.04000		0.38804		416.71000	0.41671	388.040	15.10	0.12	0.00	0	760.00
R209	On 01/08/2019	Bond Future			9.68929		74.01914		9.71792	73.83488		12.77	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			186.32531		186.32531		186.30724	186.30724			0.00	0.00	0	2,448.00
R210	On 02/05/2019	Bond Future			187.06296		187.06296		187.04554	187.04554			0.00	0.00	0	0.00
R210	On 01/08/2019	Bond Future			190.75341		190.75341		190.73642	190.73642			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

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 07/02/2019	Bond Future	156.02370		156.02370		156.01338	156.01338			0.00	0.00	0	4,976.00
R212	On 02/05/2019	Bond Future	158.78152		158.78152		158.77187	158.77187			0.00	0.00	0	0.00
R212	On 01/08/2019	Bond Future	161.84276		161.84276		161.83355	161.83355			0.00	0.00	0	0.00
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	9.40585		86.06048		9.42322	85.95167		10.15	0.00	0.00	0	31,062.00
R213	On 02/05/2019	Bond Future	9.45716		84.01280		9.47499	83.90261		10.57	0.00	0.00	0	0.00
R213	On 01/08/2019	Bond Future	9.50694		85.65040		9.52534	85.53835		10.29	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	9.77439		73.54388		9.80168	73.35780		13.49	0.00	0.00	0	29,292.00
R214	On 02/05/2019	Bond Future	9.82284		71.53134		9.85078	71.34245		14.09	0.00	0.00	0	0.00
R214	On 01/08/2019	Bond Future	9.87063		72.92567		9.89933	72.73335		13.67	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	10.34670		10.34670		10.34540	10.34540		14.94	0.00	0.00	0	0.00
SGD / R	On 14/06/2019	Foreign Exchange Future	10.48550		10.48550		10.48470	10.48470		15.13	0.00	0.00	0	0.00
TRY / R	On 18/03/2019	Foreign Exchange Future	2.46510		2.46510		2.46670	2.46670		21.46	0.00	0.00	0	19,000.00
TRY / R	On 14/06/2019	Foreign Exchange Future	2.38290		2.38290		2.38490	2.38490		21.41	0.00	0.00	0	0.00
Total for Derivatives :												2,827,233,415.88	130,179	7 901 729.00
Grand Total:												2,827,233,415.88	130,179	7 901 729.00