



Johannesburg
Stock Exchange

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

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

www.jse.co.za

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

CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 30/10/2018

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 30/10/2018 Foreign Exchange Future			14.57680		14.53750			0.0000	39,503,128.00	2,710	0
\$ / R On 31/10/2018 Foreign Exchange Future			14.60830		14.53750			0.0000	5,668,020.40	388	2,038
\$ / R On 01/11/2018 Foreign Exchange Future			14.60840		14.53750			0.0000	0.00	0	55
\$ / R On 02/11/2018 Foreign Exchange Future			14.60840		14.53930			0.0000	0.00	0	0
\$ / R On 05/11/2018 Foreign Exchange Future			14.61360		14.54470			0.0000	0.00	0	0
\$ / R On 09/11/2018 Foreign Exchange Future			14.62070		14.69130			0.0000	0.00	0	0
\$ / R On 13/11/2018 Foreign Exchange Future			14.62800		14.55920			0.0000	0.00	0	70
\$ / R On 15/11/2018 Foreign Exchange Future			14.63170		14.56280			0.0000	0.00	0	24
\$ / R On 16/11/2018 Foreign Exchange Future			14.63350		14.56460			0.0000	0.00	0	308
\$ / R On 19/11/2018 Foreign Exchange Future			14.63910		14.57010			0.0000	0.00	0	0
\$ / R On 20/11/2018 Foreign Exchange Future			14.64090		14.57190			0.0000	0.00	0	0
\$ / R On 22/11/2018 Foreign Exchange Future			14.64460		14.57550			0.0000	0.00	0	179
\$ / R On 23/11/2018 Foreign Exchange Future			14.64640		14.57730			0.0000	0.00	0	0
\$ / R On 28/11/2018 Foreign Exchange Future			14.65560		14.58640			0.0000	2,960,431.20	202	368
\$ / R On 29/11/2018 Foreign Exchange Future			14.65740		14.58820			0.0000	0.00	0	461
\$ / R On 30/11/2018 Foreign Exchange Future			14.65930		14.59000			0.0000	21,988,950.00	1,500	7,446
\$ / R On 05/12/2018 Foreign Exchange Future			14.66850		14.59950			0.0000	0.00	0	0
\$ / R On 06/12/2018 Foreign Exchange Future			14.67040		14.60140			0.0000	0.00	0	0
\$ / R On 07/12/2018 Foreign Exchange Future			14.67230		14.60330			0.0000	0.00	0	500
\$ / R On 11/12/2018 Foreign Exchange Future			14.67980		14.61090			0.0000	0.00	0	0
\$ / R On 12/12/2018 Foreign Exchange Future			14.68170		14.61280			0.0000	0.00	0	3,672

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Future			14.68540		14.61670			0.0000	954,741,910.20	65,013	824,878
\$ / R	On	20/12/2018	Foreign Exchange Future			14.69660		14.62810			0.0000	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Future			14.69850		14.63000			0.0000	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Future			14.71720		14.64900			0.0000	0.00	0	2,710
\$ / R	On	02/01/2019	Foreign Exchange Future			14.72100		14.65290			0.0000	0.00	0	55
\$ / R	On	18/01/2019	Foreign Exchange Future			14.75160		14.68370			0.0000	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Future			14.77460		14.70690			0.0000	0.00	0	55
\$ / R	On	31/01/2019	Foreign Exchange Future			14.77650		14.70880			0.0000	0.00	0	920
\$ / R	On	13/02/2019	Foreign Exchange Future			14.80090		14.73280			0.0000	0.00	0	70
\$ / R	On	28/02/2019	Foreign Exchange Future			14.82900		14.76040			0.0000	0.00	0	5,787
\$ / R	On	18/03/2019	Foreign Exchange Future			14.86280		14.79360			0.0000	6,316,690.00	425	53,049
\$ / R	On	27/03/2019	Foreign Exchange Future			14.87960		14.81010			0.0000	0.00	0	3,731
\$ / R	On	29/03/2019	Foreign Exchange Future			14.88340		14.81380			0.0000	0.00	0	3,029
\$ / R	On	02/04/2019	Foreign Exchange Future			14.89090		14.82120			0.0000	0.00	0	55
\$ / R	On	26/04/2019	Foreign Exchange Future			14.93590		14.86540			0.0000	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Future			14.94340		14.87280			0.0000	0.00	0	1,280
\$ / R	On	31/05/2019	Foreign Exchange Future			15.00110		14.93040			0.0000	0.00	0	55
\$ / R	On	03/06/2019	Foreign Exchange Future			15.00670		14.93600			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			15.02710		14.95640			0.0000	31,556,910.00	2,100	19,476
\$ / R	On	20/06/2019	Foreign Exchange Future			15.03830		14.96760			0.0000	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Future			15.05320		14.98240			0.0000	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Future			15.05880		14.98800			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			15.06250		14.99170			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			15.11460		15.04370			0.0000	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Future			15.11650		15.04560			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			15.14000		15.06830			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			15.17320		15.10050			0.0000	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Future			15.17910		15.10610			0.0000	0.00	0	55
\$ / R	On	05/09/2019	Foreign Exchange Future			15.18500		15.11180			0.0000	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Future			15.20650		15.13260			0.0000	0.00	0	18,444
\$ / R	On	30/09/2019	Foreign Exchange Future			15.23400		15.15910			0.0000	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Future			15.23790		15.16290			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			15.29470		15.21780			0.0000	0.00	0	55
\$ / R	On	29/11/2019	Foreign Exchange Future			15.35510		15.27830			0.0000	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Future			15.36140		15.28460			0.0000	0.00	0	55
\$ / R	On	13/12/2019	Foreign Exchange Future			15.38440		15.30760			0.0000	92,306,400.00	6,000	5,200
\$ / R	On	31/12/2019	Foreign Exchange Future			15.42200		15.34520			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			15.42620		15.34940			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			15.48680		15.41000			0.0000	0.00	0	55
\$ / R	On	02/03/2020	Foreign Exchange Future			15.55160		15.47470			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			15.58090		15.50400			0.0000	0.00	0	3,966
\$ / R	On	02/04/2020	Foreign Exchange Future			15.61640		15.53950			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			15.67280		15.59590			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			15.74390		15.66690			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			15.76480		15.68780			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			15.86100		15.78390			0.0000	0.00	0	84,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/09/2020	Foreign Exchange Future			15.96130		15.88420			0.0000	0.00	0	0
Total \$ / R Future												1,155,042,439.80	78,338	1,043,541
\$ / R	On	30/10/2018	Foreign Exchange Option	14.57	Put			84.95520	0.000	19.80	0.0000	0.00	0	0
\$ / R	On	30/10/2018	Foreign Exchange Option	14.57	Call			52.45520	6.800	19.80	1.0000	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Put			1.25300	0.091	30.41	0.0014	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.93	Call			608.75300	678.391	30.41	0.9986	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Call			302.46880	360.590	25.37	0.9697	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.25	Put			14.96880	2.290	25.37	0.0303	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	14.82	Call			20.91390	12.363	24.48	0.1321	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Call			737.91730	808.337	33.36	0.9995	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Put			2,482.52360	2,411.713	77.72	0.9999	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	17.02	Call			0.02360	0.013	77.72	0.0001	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Put			1,932.52590	1,861.716	62.65	0.9999	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	16.47	Call			0.02590	0.016	62.65	0.0001	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	14.34	Put			27.65160	5.587	23.96	0.0688	0.00	0	171
\$ / R	On	31/10/2018	Foreign Exchange Option	14.44	Put			51.66840	14.472	22.38	0.1599	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.44	Call			149.16840	182.772	22.38	0.8401	0.00	0	171
\$ / R	On	31/10/2018	Foreign Exchange Option	13.97	Call			569.24310	638.435	29.78	0.9980	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.97	Put			1.74310	0.135	29.78	0.0020	0.00	0	600
\$ / R	On	31/10/2018	Foreign Exchange Option	13.80	Put			0.41730	0.037	33.36	0.0005	0.00	0	1,000
\$ / R	On	31/10/2018	Foreign Exchange Option	14.45	Call			142.30440	174.165	22.22	0.8270	0.00	0	600
\$ / R	On	31/10/2018	Foreign Exchange Option	14.90	Put			376.48050	298.419	26.16	0.9247	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.90	Call			13.98050	6.719	26.16	0.0753	0.00	0	600
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Put			177.59830	100.651	21.33	0.6450	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.67	Call			45.09830	38.951	21.33	0.3550	0.00	0	250
\$ / R	On	31/10/2018	Foreign Exchange Option	14.34	Call			225.15160	273.887	23.96	0.9312	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	14.82	Put			303.41390	224.063	24.48	0.8679	0.00	0	114
\$ / R	On	31/10/2018	Foreign Exchange Option	15.01	Put			480.67440	404.691	28.47	0.9651	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	15.01	Call			8.17440	2.991	28.47	0.0349	0.00	0	114
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Call			1,537.50380	1,608.301	52.14	1.0000	0.00	0	0
\$ / R	On	31/10/2018	Foreign Exchange Option	13.00	Put			0.00380	0.001	52.14	0.0000	0.00	0	500
\$ / R	On	31/10/2018	Foreign Exchange Option	14.45	Put			54.80440	15.865	22.22	0.1730	0.00	0	0
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Put			0.00030	0.000	36.43	0.0000	0.00	0	0
\$ / R	On	01/11/2018	Foreign Exchange Option	12.81	Call			1,727.50030	1,798.400	36.43	1.0000	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.85	Put			347.52360	278.033	22.65	0.7848	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.85	Call			36.82360	36.433	22.65	0.2152	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	15.50	Put			964.15560	893.876	30.29	0.9840	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	15.50	Call			3.45560	2.276	30.29	0.0160	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.00	Call			549.58710	613.337	26.18	0.9644	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.00	Put			10.28710	4.937	26.18	0.0356	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.40	Call			208.82130	247.732	21.85	0.7689	0.00	0	0
\$ / R	On	02/11/2018	Foreign Exchange Option	14.40	Put			69.52130	39.332	21.85	0.2311	0.00	0	20,000
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Put			2,265.40360	2,196.509	33.73	0.9993	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	16.81	Call			0.10360	0.109	33.73	0.0007	0.00	0	1,880
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Put			0.01800	0.000	20.95	0.0000	0.00	0	1,880

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	05/11/2018	Foreign Exchange Option	11.90	Call			2,644.71800	2,713.600	20.95	1.0000	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Call			691.67550	758.297	21.99	0.9708	0.00	0	0
\$ / R	On	05/11/2018	Foreign Exchange Option	13.86	Put			6.97550	4.697	21.99	0.0292	0.00	0	1,880
\$ / R	On	09/11/2018	Foreign Exchange Option	14.40	Put			0.00000	93.594	19.12	0.3098	1,871,876.00	20,000	20,000
\$ / R	On	09/11/2018	Foreign Exchange Option	14.40	Call			0.00000	314.294	19.12	0.6902	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Put			419.76810	362.806	19.82	0.6502	0.00	0	0
\$ / R	On	13/11/2018	Foreign Exchange Option	14.86	Call			118.96810	130.805	19.82	0.3498	0.00	0	0
\$ / R	On	15/11/2018	Foreign Exchange Option	15.44	Put			916.04610	850.404	22.09	0.8727	0.00	0	0
\$ / R	On	15/11/2018	Foreign Exchange Option	15.44	Call			38.84610	42.104	22.09	0.1273	0.00	0	0
\$ / R	On	15/11/2018	Foreign Exchange Option	14.34	Call			357.75810	396.328	18.22	0.7078	0.00	0	0
\$ / R	On	15/11/2018	Foreign Exchange Option	14.34	Put			134.95810	104.628	18.22	0.2922	0.00	0	171
\$ / R	On	15/11/2018	Foreign Exchange Option	14.50	Put			206.09890	167.241	18.66	0.4009	0.00	0	0
\$ / R	On	15/11/2018	Foreign Exchange Option	14.50	Call			268.89890	298.941	18.66	0.5991	0.00	0	171
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Put			341.10100	290.653	19.39	0.5477	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.72	Call			185.70100	204.153	19.39	0.4523	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Call			134.50320	146.761	20.04	0.3520	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.89	Put			459.90320	403.261	20.04	0.6480	0.00	0	15,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.78	Put			381.32640	328.502	19.62	0.5848	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.78	Call			165.92640	182.002	19.62	0.4152	0.00	0	30,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.32	Put			133.66200	104.390	18.26	0.2846	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.32	Call			378.26200	417.890	18.26	0.7154	0.00	0	15,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Put			354.28990	303.027	19.47	0.5603	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.74	Call			178.88990	196.527	19.47	0.4397	0.00	0	5,000
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Call			3,734.61940	3,803.500	23.23	1.0000	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	10.83	Put			0.01940	0.000	23.23	0.0000	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Put			4.59300	3.867	22.03	0.0154	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	13.22	Call			1,349.19300	1,417.367	22.03	0.9846	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	14.00	Call			610.13500	665.221	17.44	0.8839	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	14.00	Put			45.53500	31.722	17.44	0.1161	0.00	0	0
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Put			0.03710	0.024	28.62	0.0001	0.00	0	51,000
\$ / R	On	16/11/2018	Foreign Exchange Option	11.67	Call			2,894.63710	2,963.524	28.62	0.9999	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.67	Put			320.36510	272.524	18.76	0.5104	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.67	Call			220.46510	241.624	18.76	0.4896	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Put			433.64510	379.335	19.40	0.6093	0.00	0	0
\$ / R	On	19/11/2018	Foreign Exchange Option	14.84	Call			163.74510	178.435	19.40	0.3907	0.00	0	0
\$ / R	On	20/11/2018	Foreign Exchange Option	14.91	Put			489.54460	433.344	19.69	0.6413	0.00	0	0
\$ / R	On	20/11/2018	Foreign Exchange Option	14.91	Call			151.44460	164.244	19.69	0.3587	0.00	0	0
\$ / R	On	22/11/2018	Foreign Exchange Option	14.21	Put			121.02970	96.360	17.82	0.2432	0.00	0	0
\$ / R	On	22/11/2018	Foreign Exchange Option	14.21	Call			486.52970	530.960	17.82	0.7568	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Put			311.19830	267.052	18.71	0.4754	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	14.62	Call			268.49830	293.452	18.71	0.5246	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	15.31	Put			821.55560	757.798	21.10	0.7858	0.00	0	0
\$ / R	On	23/11/2018	Foreign Exchange Option	15.31	Call			88.85560	94.198	21.10	0.2142	0.00	0	0
\$ / R	On	28/11/2018	Foreign Exchange Option	14.76	Put			417.54130	368.180	18.94	0.5423	0.00	0	0
\$ / R	On	28/11/2018	Foreign Exchange Option	14.76	Call			243.94130	263.780	18.94	0.4577	0.00	0	4,000
\$ / R	On	28/11/2018	Foreign Exchange Option	14.32	Put			185.05630	154.980	17.97	0.3146	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	28/11/2018	Foreign Exchange Option	14.32	Call		451.45630	490.581	17.97	0.6854	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Put		17.34240	14.191	17.82	0.0452	0.00	0	0
\$ / R	On	29/11/2018	Foreign Exchange Option	13.46	Call		1,145.54240	1,211.591	17.82	0.9548	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Call		1,594.30600	1,663.116	18.83	0.9867	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.00	Put		4.30600	3.816	18.83	0.0133	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Put		111.10060	90.855	17.61	0.2086	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.08	Call		621.10060	670.155	17.61	0.7914	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Call		506.85020	548.924	17.92	0.7151	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.80	Call		243.11350	262.086	19.13	0.4430	0.00	0	600
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Put		50.57760	41.049	17.38	0.1117	0.00	0	1,000
\$ / R	On	30/11/2018	Foreign Exchange Option	13.80	Call		840.57760	900.349	17.38	0.8883	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.30	Call		476.08500	516.025	18.01	0.6911	0.00	0	600
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Put		2,723.70740	2,654.571	24.53	0.9890	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	17.31	Call		3.70740	3.871	24.53	0.0110	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Put		2,122.29390	2,053.418	23.82	0.9673	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	16.70	Call		12.29390	12.718	23.82	0.0327	0.00	0	500
\$ / R	On	30/11/2018	Foreign Exchange Option	14.80	Put		453.11350	402.786	19.13	0.5570	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.25	Put		166.85020	139.625	17.92	0.2849	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Put		466.51890	415.562	19.20	0.5663	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	14.82	Call		236.51890	254.862	19.20	0.4337	0.00	0	250
\$ / R	On	30/11/2018	Foreign Exchange Option	13.85	Call		797.92600	856.349	17.33	0.8748	0.00	0	0
\$ / R	On	30/11/2018	Foreign Exchange Option	13.85	Put		57.92600	47.049	17.33	0.1252	0.00	0	600
\$ / R	On	30/11/2018	Foreign Exchange Option	14.30	Put		186.08500	156.725	18.01	0.3089	0.00	0	0
\$ / R	On	05/12/2018	Foreign Exchange Option	15.45	Put		966.27260	903.607	21.00	0.7746	0.00	0	23,000
\$ / R	On	05/12/2018	Foreign Exchange Option	15.45	Call		115.77260	122.107	21.00	0.2254	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.90	Call		242.30700	259.432	19.32	0.4123	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.90	Put		540.90700	489.032	19.32	0.5877	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	14.30	Call		507.96700	547.237	17.91	0.6833	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	14.30	Put		206.56700	176.837	17.91	0.3167	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	13.90	Call		783.32690	837.261	17.19	0.8445	0.00	0	0
\$ / R	On	06/12/2018	Foreign Exchange Option	13.90	Put		81.92690	66.861	17.19	0.1555	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	15.30	Put		844.46450	783.996	20.56	0.7288	0.00	0	30,000
\$ / R	On	06/12/2018	Foreign Exchange Option	15.30	Call		145.86450	154.396	20.56	0.2712	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.65	Put		383.63220	339.492	18.58	0.4779	0.00	0	0
\$ / R	On	07/12/2018	Foreign Exchange Option	14.65	Call		336.93220	361.792	18.58	0.5221	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Call		834.99060	888.735	17.00	0.8474	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	13.86	Put		84.09060	68.935	17.00	0.1526	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Put		684.04010	628.611	19.71	0.6439	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.08	Call		214.94010	228.411	19.71	0.3561	0.00	0	7,500
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Put		47.30660	37.360	16.65	0.0941	0.00	0	20,000
\$ / R	On	11/12/2018	Foreign Exchange Option	13.65	Call		1,008.20660	1,067.160	16.65	0.9059	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Put		1,182.05260	1,118.143	21.45	0.8101	0.00	0	0
\$ / R	On	11/12/2018	Foreign Exchange Option	15.69	Call		102.95260	107.943	21.45	0.1899	0.00	0	20,000
\$ / R	On	12/12/2018	Foreign Exchange Option	14.89	Put		551.82040	501.020	19.17	0.5719	0.00	0	0
\$ / R	On	12/12/2018	Foreign Exchange Option	14.89	Call		274.62040	292.720	19.17	0.4281	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Put		918.81530	859.181	20.61	0.7236	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	15.37	Call			165.51530	174.582	20.61	0.2764	0.00	0	4,372
\$ / R	On	14/12/2018	Foreign Exchange Option	16.24	Put			1,682.53180	1,616.288	22.81	0.8881	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.24	Call			59.23180	61.688	22.81	0.1119	0.00	0	750
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Put			1,563.03150	1,497.263	22.55	0.8707	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.11	Call			69.73150	72.663	22.55	0.1293	0.00	0	38,250
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Put			2,406.24280	2,337.530	24.14	0.9539	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.00	Call			22.94280	22.929	24.14	0.0461	0.00	0	3,700
\$ / R	On	14/12/2018	Foreign Exchange Option	15.25	Call			189.77510	200.631	20.26	0.3103	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.25	Put			823.07510	765.231	20.26	0.6897	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Call			337.54300	359.955	18.76	0.4907	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.74	Put			460.84300	414.555	18.76	0.5093	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Put			2,212.68660	2,144.332	23.79	0.9416	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.80	Call			29.38660	29.732	23.79	0.0584	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	14.90	Call			282.13940	300.288	19.23	0.4282	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.90	Put			565.43940	514.888	19.23	0.5718	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.84	Call			95.72180	99.958	21.85	0.1715	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.84	Put			1,319.02180	1,254.558	21.85	0.8285	0.00	0	2,000
\$ / R	On	14/12/2018	Foreign Exchange Option	16.20	Put			1,645.58300	1,579.578	22.74	0.8829	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.20	Call			62.28300	64.978	22.74	0.1171	0.00	0	2,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.51	Call			436.54860	468.118	18.29	0.5868	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.51	Put			329.84860	292.718	18.29	0.4132	0.00	0	3,388
\$ / R	On	14/12/2018	Foreign Exchange Option	14.39	Call			498.65080	534.154	18.06	0.6376	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.39	Put			271.95080	238.754	18.06	0.3624	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.30	Call			179.30590	189.335	20.40	0.2958	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.30	Put			862.60590	803.936	20.40	0.7042	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.40	Put			276.53330	243.005	18.08	0.3666	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.40	Call			493.23330	528.406	18.08	0.6334	0.00	0	100,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.30	Call			549.39450	587.906	17.89	0.6754	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.30	Put			232.69450	202.506	17.89	0.3246	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.90	Call			818.12480	869.931	17.16	0.8270	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.90	Put			101.42480	84.531	17.16	0.1730	0.00	0	35,000
\$ / R	On	14/12/2018	Foreign Exchange Option	16.50	Put			1,926.04030	1,858.563	23.26	0.9170	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.50	Call			42.74030	43.963	23.26	0.0830	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.60	Put			1,109.82440	1,047.651	21.23	0.7803	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.60	Call			126.52440	133.051	21.23	0.2197	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.85	Put			531.76320	482.481	19.09	0.5528	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.85	Call			298.46320	317.881	19.09	0.4472	0.00	0	50,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Call			230.16910	244.229	19.76	0.3641	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.08	Put			693.46910	638.829	19.76	0.6359	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Call			227.57350	241.428	19.79	0.3608	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.09	Put			700.87350	646.028	19.79	0.6392	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Call			232.79390	247.063	19.73	0.3675	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.07	Put			686.09390	631.663	19.73	0.6325	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Put			1,417.61460	1,352.336	22.13	0.8471	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.95	Call			84.31460	87.736	22.13	0.1529	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Call			2,977.96680	3,046.456	24.22	0.9972	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	11.64	Put			1.26680	1.056	24.22	0.0028	0.00	0	2,764
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Put			2,640.40170	2,571.423	24.56	0.9654	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	17.24	Call			17.10170	16.823	24.56	0.0346	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Call			1,664.15110	1,732.612	17.76	0.9791	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.96	Put			7.45110	7.212	17.76	0.0209	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			12.05890	10.479	16.53	0.0310	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			1,428.75890	1,495.879	16.53	0.9690	0.00	0	7,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Put			558.63450	508.333	19.20	0.5681	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.89	Call			285.33450	303.733	19.20	0.4319	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Put			3.93430	3.703	20.12	0.0103	0.00	0	26,400
\$ / R	On	14/12/2018	Foreign Exchange Option	12.50	Call			2,120.63430	2,189.103	20.12	0.9897	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Put			114.09180	95.347	17.23	0.1896	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.95	Call			780.79180	830.747	17.23	0.8104	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Put			79.31960	65.597	17.02	0.1423	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.80	Call			896.01960	950.997	17.02	0.8577	0.00	0	3,068
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Put			7.90300	7.665	17.55	0.0223	0.00	0	177,520
\$ / R	On	14/12/2018	Foreign Exchange Option	13.00	Call			1,624.60300	1,693.065	17.55	0.9777	0.00	0	6,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Put			14.57640	11.357	16.27	0.0337	0.00	0	17,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.25	Call			1,381.27640	1,446.756	16.27	0.9663	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Put			635.30820	582.395	19.52	0.6083	0.00	0	25,700
\$ / R	On	14/12/2018	Foreign Exchange Option	15.00	Call			252.00820	267.795	19.52	0.3917	0.00	0	101,333
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Call			2,240.06420	2,308.539	20.73	0.9914	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.38	Put			3.36420	3.139	20.73	0.0086	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Put			525.13470	476.113	19.06	0.5490	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.84	Call			301.83470	321.513	19.06	0.4510	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Call			1,991.38160	2,059.845	19.45	0.9875	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.63	Put			4.68160	4.445	19.45	0.0125	0.00	0	39,589
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Put			127.78830	107.485	17.32	0.2072	0.00	0	58,250
\$ / R	On	14/12/2018	Foreign Exchange Option	14.00	Call			744.48830	792.885	17.32	0.7928	0.00	0	20,200
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Call			1,525.88230	1,594.346	17.04	0.9738	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.10	Put			9.18230	8.946	17.04	0.0262	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Call			2,868.25180	2,936.778	23.97	0.9964	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.75	Put			1.55180	1.378	23.97	0.0036	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Put			34.19510	27.357	16.61	0.0705	0.00	0	29,800
\$ / R	On	14/12/2018	Foreign Exchange Option	13.50	Call			1,150.89510	1,212.757	16.61	0.9295	0.00	0	228,616
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Call			2,618.79210	2,687.296	22.68	0.9950	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.00	Put			2.09210	1.896	22.68	0.0050	0.00	0	174,530
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Call			1,872.22070	1,940.681	18.84	0.9850	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.75	Put			5.52070	5.281	18.84	0.0150	0.00	0	1,000
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Call			2,718.55440	2,787.067	23.20	0.9956	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	11.90	Put			1.85440	1.667	23.20	0.0044	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Put			383.04770	342.540	18.48	0.4555	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.61	Call			389.74770	417.940	18.48	0.5445	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Put			295.30830	260.460	18.16	0.3835	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.44	Call			472.00830	505.860	18.16	0.6165	0.00	0	11,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Put			168.38950	143.879	17.57	0.2560	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	14.13	Call		655.08950	699.279	17.57	0.7440	0.00	0	20,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Put		388.78740	347.761	18.50	0.4597	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.62	Call		385.48740	413.161	18.50	0.5403	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Put		467.10410	420.532	18.79	0.5134	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	14.75	Call		333.80410	355.932	18.79	0.4866	0.00	0	127,100
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Put		377.34740	337.362	18.46	0.4513	0.00	0	3,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.60	Call		394.04740	422.762	18.46	0.5487	0.00	0	84,900
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Put		1,169.90930	1,106.989	21.41	0.7955	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.67	Call		116.60930	122.389	21.41	0.2045	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Call		2,598.84360	2,667.346	22.58	0.9949	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.02	Put		2.14360	1.946	22.58	0.0051	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Call		1,409.71980	1,476.220	16.42	0.9680	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.22	Put		13.01980	10.820	16.42	0.0320	0.00	0	5,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Put		75.39990	62.220	17.00	0.1365	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.78	Call		912.09990	967.620	17.00	0.8635	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Call		2,519.06420	2,587.560	22.17	0.9942	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.10	Put		2.36420	2.160	22.17	0.0058	0.00	0	8,580
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Put		745.89160	689.858	19.96	0.6588	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.15	Call		212.59160	225.258	19.96	0.3412	0.00	0	27,030
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Call		904.04250	959.292	17.01	0.8606	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.79	Put		77.34250	63.892	17.01	0.1394	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Call		1,195.88070	1,258.615	16.54	0.9385	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.45	Put		29.18070	23.215	16.54	0.0615	0.00	0	4,080
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Put		1,195.90840	1,132.688	21.49	0.8017	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.70	Call		112.60840	118.088	21.49	0.1983	0.00	0	7,500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Put		1,025.49210	964.519	20.97	0.7569	0.00	0	600
\$ / R	On	14/12/2018	Foreign Exchange Option	15.50	Call		142.19210	149.919	20.97	0.2431	0.00	0	5,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Put		245.38020	214.186	17.95	0.3372	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	14.33	Call		532.08020	569.586	17.95	0.6628	0.00	0	100
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Call		1,941.71180	2,010.174	19.19	0.9865	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.68	Put		5.01180	4.774	19.19	0.0135	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Call		977.81200	1,035.392	16.89	0.8852	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.70	Put		61.11200	49.992	16.89	0.1148	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Put		642.47230	589.334	19.55	0.6118	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.01	Call		249.17230	264.734	19.55	0.3882	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Put		1,008.85490	948.140	20.92	0.7520	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.48	Call		145.55490	153.540	20.92	0.2480	0.00	0	29,600
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Call		969.47840	1,026.812	16.90	0.8826	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.71	Put		62.77840	51.412	16.90	0.1174	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Put		1,462.91000	1,397.304	22.26	0.8549	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.00	Call		79.61000	82.704	22.26	0.1451	0.00	0	5,050
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Call		2,419.37670	2,487.864	21.66	0.9934	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.20	Put		2.67670	2.464	21.66	0.0066	0.00	0	7,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Put		254.05940	222.197	17.99	0.3455	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.35	Call		520.75940	557.597	17.99	0.6545	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Put		436.18750	391.056	18.65	0.4930	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	14.70	Call			352.88750	376.456	18.65	0.5070	0.00	0	70,000
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Call			2,369.55010	2,438.034	21.40	0.9929	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.25	Put			2.85010	2.634	21.40	0.0071	0.00	0	3,300
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Call			675.06880	720.247	17.51	0.7556	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.10	Put			158.36880	134.847	17.51	0.2444	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Put			267.41040	234.549	18.04	0.3582	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.38	Call			504.11040	539.949	18.04	0.6418	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Call			1,674.04270	1,742.503	17.81	0.9794	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	12.95	Put			7.34270	7.103	17.81	0.0206	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Call			936.48410	992.799	16.95	0.8719	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.75	Put			69.78410	57.399	16.95	0.1281	0.00	0	700
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Call			1,062.88830	1,122.767	16.75	0.9091	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.60	Put			46.18830	37.367	16.75	0.0909	0.00	0	66,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Put			498.97460	451.018	18.94	0.5333	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.80	Call			315.67460	336.418	18.94	0.4667	0.00	0	400
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Call			635.50430	678.702	17.63	0.7322	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.16	Put			178.80430	153.302	17.63	0.2678	0.00	0	36,200
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Put			992.29600	931.845	20.87	0.7470	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.46	Call			148.99600	157.245	20.87	0.2530	0.00	0	1,867
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Call			579.14630	619.336	17.80	0.6960	0.00	0	51,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.25	Put			212.44630	183.935	17.80	0.3040	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Call			1,315.49780	1,380.139	16.36	0.9579	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.32	Put			18.79780	14.739	16.36	0.0421	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Call			641.98920	685.517	17.61	0.7362	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.15	Put			175.28920	150.117	17.61	0.2638	0.00	0	236,970
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Put			1,381.58820	1,316.591	22.03	0.8406	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.91	Call			88.28820	91.991	22.03	0.1594	0.00	0	121,970
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Put			1,590.45570	1,524.754	22.62	0.8748	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.14	Call			67.15570	70.154	22.62	0.1252	0.00	0	10,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Put			1,327.92170	1,263.378	21.87	0.8303	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.85	Call			94.62170	98.778	21.87	0.1697	0.00	0	20,300
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Put			1,101.30830	1,039.249	21.20	0.7781	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.59	Call			128.00830	134.649	21.20	0.2219	0.00	0	31,047
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Put			1,118.35650	1,056.073	21.25	0.7826	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.61	Call			125.05650	131.473	21.25	0.2174	0.00	0	4,428
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Call			610.01120	651.877	17.70	0.7163	0.00	0	51,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.20	Put			193.31120	166.477	17.70	0.2837	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Put			1,982.94630	1,915.254	23.37	0.9226	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	16.56	Call			39.64630	40.654	23.37	0.0774	0.00	0	13,650
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Call			200.85920	212.594	20.11	0.3255	0.00	0	4,050
\$ / R	On	14/12/2018	Foreign Exchange Option	15.20	Put			784.15920	727.194	20.11	0.6745	0.00	0	50
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Call			364.81000	389.904	18.59	0.5194	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.67	Put			418.11000	374.504	18.59	0.4806	0.00	0	3,000
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Put			708.30660	653.257	19.82	0.6426	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.10	Call			225.00660	238.657	19.82	0.3574	0.00	0	500
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Put			1,222.04720	1,158.538	21.56	0.8078	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/12/2018	Foreign Exchange Option	15.73	Call			108.74720	113.938	21.56	0.1922	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Call			585.22940	625.755	17.78	0.7001	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.24	Put			208.52940	180.355	17.78	0.2999	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Put			1,033.84160	972.741	21.00	0.7593	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	15.51	Call			140.54160	148.141	21.00	0.2407	0.00	0	24,570
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Call			1,575.21460	1,643.677	17.30	0.9758	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.05	Put			8.51460	8.277	17.30	0.0242	0.00	0	1,500
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Call			441.48330	473.376	18.27	0.5910	0.00	0	1,200
\$ / R	On	14/12/2018	Foreign Exchange Option	14.50	Put			324.78330	287.976	18.27	0.4090	0.00	0	15,500
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Call			1,306.17330	1,370.686	16.38	0.9566	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.33	Put			19.47330	15.286	16.38	0.0434	0.00	0	135,000
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Call			994.57520	1,052.640	16.86	0.8902	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	13.68	Put			57.87520	47.240	16.86	0.1098	0.00	0	13,150
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Call			661.70480	706.225	17.55	0.7479	0.00	0	0
\$ / R	On	14/12/2018	Foreign Exchange Option	14.12	Put			165.00480	140.825	17.55	0.2521	0.00	0	4,372
\$ / R	On	20/12/2018	Foreign Exchange Option	13.90	Call			841.50980	893.207	17.10	0.8169	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	13.90	Put			113.40980	96.607	17.10	0.1831	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	15.30	Put			873.62070	816.115	20.21	0.6897	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	15.30	Call			201.72070	212.715	20.21	0.3103	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.90	Call			308.22560	327.328	19.09	0.4377	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.90	Put			580.12560	530.728	19.09	0.5623	0.00	0	35,000
\$ / R	On	20/12/2018	Foreign Exchange Option	14.30	Call			576.89960	615.158	17.80	0.6716	0.00	0	0
\$ / R	On	20/12/2018	Foreign Exchange Option	14.30	Put			248.79960	218.558	17.80	0.3284	0.00	0	35,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Put			18.34660	15.641	16.66	0.0408	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.20	Call			1,448.34660	1,514.141	16.66	0.9592	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Put			485.94860	440.578	18.69	0.5057	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.75	Call			365.94860	389.078	18.69	0.4943	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Call			1,355.13680	1,418.370	16.48	0.9493	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	13.30	Put			25.13680	19.870	16.48	0.0507	0.00	0	1,000
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Put			431.47020	389.435	18.48	0.4711	0.00	0	0
\$ / R	On	21/12/2018	Foreign Exchange Option	14.66	Call			401.47020	427.935	18.48	0.5289	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Put			240.51210	213.129	17.46	0.3038	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.22	Call			669.51210	710.329	17.46	0.6962	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Put			109.65990	94.742	16.86	0.1683	0.00	0	1,000
\$ / R	On	31/12/2018	Foreign Exchange Option	13.80	Call			958.65990	1,011.942	16.86	0.8317	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Put			2,957.18420	2,889.389	24.68	0.9551	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	17.58	Call			26.18420	26.589	24.68	0.0449	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Put			2,329.35960	2,262.562	23.41	0.9197	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	16.93	Call			48.35960	49.762	23.41	0.0803	0.00	0	500
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Call			651.59240	691.494	17.51	0.6855	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.25	Put			252.59240	224.293	17.51	0.3145	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Call			331.87920	351.143	18.96	0.4324	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	14.96	Put			642.87920	593.943	18.96	0.5676	0.00	0	250
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Call			1,667.88740	1,733.919	17.38	0.9615	0.00	0	0
\$ / R	On	31/12/2018	Foreign Exchange Option	13.00	Put			18.88740	16.719	17.38	0.0385	0.00	0	500
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Put			17.24230	15.407	17.73	0.0347	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	02/01/2019	Foreign Exchange Option	12.90	Call			1,770.14230	1,836.407	17.73	0.9653	0.00	0	0
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Put			19.21500	17.765	18.38	0.0344	0.00	0	263
\$ / R	On	18/01/2019	Foreign Exchange Option	12.66	Call			2,042.91500	2,109.365	18.38	0.9656	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Put			36.64240	33.981	17.32	0.0595	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	12.95	Call			1,793.54240	1,858.581	17.32	0.9405	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	14.88	Put			645.89520	602.761	18.47	0.5121	0.00	0	0
\$ / R	On	30/01/2019	Foreign Exchange Option	14.88	Call			472.79520	497.361	18.47	0.4879	0.00	0	4,000
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Call			772.89600	812.982	17.35	0.6766	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.25	Put			314.09600	286.482	17.35	0.3234	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	15.47	Put			1,064.67460	1,011.191	19.78	0.6589	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.47	Call			303.47460	317.691	19.78	0.3411	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Put			29.58110	27.253	17.67	0.0481	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	12.79	Call			1,948.38110	2,013.753	17.67	0.9519	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Call			1,748.95320	1,813.418	17.16	0.9360	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	13.00	Put			40.15320	36.918	17.16	0.0640	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Put			814.86750	766.751	19.03	0.5785	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	15.13	Call			393.66750	413.251	19.03	0.4215	0.00	0	250
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Put			372.25240	341.529	17.57	0.3628	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.38	Call			701.05240	738.029	17.57	0.6372	0.00	0	500
\$ / R	On	31/01/2019	Foreign Exchange Option	14.20	Call			802.02100	843.306	17.26	0.6916	0.00	0	0
\$ / R	On	31/01/2019	Foreign Exchange Option	14.20	Put			293.22100	266.806	17.26	0.3084	0.00	0	250
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Put			816.55980	769.857	18.95	0.5576	0.00	0	0
\$ / R	On	13/02/2019	Foreign Exchange Option	15.10	Call			449.35980	470.757	18.95	0.4424	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put			492.88730	458.499	17.82	0.3988	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call			733.28730	767.499	17.82	0.6012	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put			46.22520	42.116	17.06	0.0639	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call			1,976.62520	2,041.116	17.06	0.9361	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			1,819.78020	1,883.200	16.85	0.9201	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			59.38020	54.200	16.85	0.0799	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Put			1,224.36180	1,170.836	19.98	0.6553	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Call			354.76180	369.836	19.98	0.3447	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call			873.98880	913.819	17.34	0.6732	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put			363.58880	334.819	17.34	0.3268	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put			957.50810	908.851	19.25	0.5827	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call			447.90810	467.851	19.25	0.4173	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Call			902.39220	943.284	17.25	0.6865	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Put			341.99220	314.284	17.25	0.3135	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call			1,050.78300	1,096.783	17.03	0.7216	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put			307.18300	283.983	17.03	0.2784	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call			3,003.21700	3,072.416	17.87	0.9841	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put			9.61700	9.616	17.87	0.0159	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call			2,748.50680	2,816.826	17.39	0.9773	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put			14.90680	14.026	17.39	0.0227	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put			136.38560	123.600	16.47	0.1507	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call			1,479.98560	1,536.400	16.47	0.8493	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call			3,301.10810	3,370.310	18.92	0.9879	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put			7.50810	7.510	18.92	0.0121	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			4,466.44210	4,535.445	22.78	0.9961	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			2.84210	2.645	22.78	0.0039	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call			3,062.74880	3,131.949	18.08	0.9850	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put			9.14880	9.149	18.08	0.0150	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			500.31960	466.938	17.73	0.3847	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			813.91960	849.738	17.73	0.6153	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call			2,082.51060	2,147.871	16.84	0.9357	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put			48.91060	45.071	16.84	0.0643	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call			1,253.98330	1,305.470	16.75	0.7895	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put			210.38330	192.670	16.75	0.2105	0.00	0	17,981
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put			774.46030	731.674	18.59	0.4998	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call			608.06030	634.474	18.59	0.5002	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put			932.41420	885.744	19.04	0.5526	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call			526.01420	548.544	19.04	0.4474	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call			1,472.10580	1,528.368	16.48	0.8475	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put			138.50580	125.568	16.48	0.1525	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put			1,109.13000	1,058.867	19.52	0.6031	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call			452.73000	471.667	19.52	0.3969	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put			413.19630	383.528	17.42	0.3399	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call			906.79630	946.329	17.42	0.6601	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put			1,175.48870	1,124.042	19.69	0.6201	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call			429.08870	446.842	19.69	0.3799	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call			2,354.23450	2,421.213	17.07	0.9572	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put			30.63450	28.413	17.07	0.0428	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call			1,176.74280	1,226.268	16.85	0.7654	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put			243.14280	223.468	16.85	0.2346	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call			2,316.34180	2,383.136	17.04	0.9546	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put			32.74180	30.336	17.04	0.0454	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call			1,149.43190	1,198.232	16.89	0.7564	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put			255.83190	235.432	16.89	0.2436	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put			912.01400	865.806	18.99	0.5462	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call			535.61400	558.606	18.99	0.4538	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put			2,461.97190	2,399.176	22.43	0.8251	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call			175.57190	181.976	22.43	0.1749	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call			833.79810	870.434	17.67	0.6252	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put			480.19810	447.634	17.67	0.3748	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			1,863.87460	1,927.337	16.65	0.9122	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			70.27460	64.537	16.65	0.0878	0.00	0	14,028
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			1,954.18700	2,018.506	16.73	0.9227	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			60.58700	55.706	16.73	0.0773	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			1,082.99810	1,129.947	16.98	0.7334	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			289.39810	267.147	16.98	0.2666	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			917.66800	957.614	17.39	0.6651	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			404.06800	374.814	17.39	0.3349	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			789.67070	824.476	17.82	0.6029	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			526.07070	491.677	17.82	0.3971	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,116.43460	1,066.039	19.54	0.6050	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			450.03460	468.839	19.54	0.3950	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put			2,470.97770	2,408.135	22.45	0.8260	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			174.57770	180.935	22.45	0.1740	0.00	0	106,824
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			661.79130	690.838	18.33	0.5327	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			688.19130	648.038	18.33	0.4673	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,445.96130	1,390.717	20.38	0.6803	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			349.56130	363.517	20.38	0.3197	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			2,845.31690	2,780.836	23.10	0.8588	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			138.91690	143.636	23.10	0.1412	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call			880.10620	918.601	17.51	0.6477	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put			436.50620	405.801	17.51	0.3523	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put			1,266.14680	1,213.231	19.93	0.6419	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call			399.74680	416.031	19.93	0.3581	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			2,038.15140	1,977.985	21.68	0.7762	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			231.75140	240.785	21.68	0.2238	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call			775.43570	809.639	17.87	0.5955	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put			541.83570	506.839	17.87	0.4045	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			1,641.07920	1,583.744	20.85	0.7162	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			304.67920	316.544	20.85	0.2838	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call			1,936.02990	2,000.186	16.71	0.9207	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put			62.42990	57.386	16.71	0.0793	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call			804.13900	839.551	17.77	0.6103	0.00	0	224,707
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put			510.53900	476.751	17.77	0.3897	0.00	0	10,050
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			1,534.50810	1,478.268	20.60	0.6973	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			328.10810	341.068	20.60	0.3027	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call			1,757.15100	1,819.446	16.56	0.8983	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put			83.55100	76.646	16.56	0.1017	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Put			1,382.56800	1,328.095	20.22	0.6674	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Call			366.16800	380.895	20.22	0.3326	0.00	0	10
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Call			1,551.91980	1,609.672	16.39	0.8654	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Put			118.31980	106.872	16.39	0.1346	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call			1,643.77780	1,704.633	16.46	0.8814	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put			100.17780	91.833	16.46	0.1186	0.00	0	224,707
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Put			1,850.40270	1,791.749	21.33	0.7494	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Call			264.00270	274.549	21.33	0.2506	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Call			1,290.11580	1,342.467	16.70	0.8001	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Put			196.51580	179.667	16.70	0.1999	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Call			657.80160	686.605	18.34	0.5303	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Put			694.20160	653.805	18.34	0.4697	0.00	0	10,010
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Call			1,304.74500	1,357.438	16.68	0.8043	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Put			191.14500	174.638	16.68	0.1957	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Call			694.89820	725.565	18.19	0.5517	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Put			641.29820	602.765	18.19	0.4483	0.00	0	24,326
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Call			653.83560	682.400	18.36	0.5280	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Put		700.23560	659.600	18.36	0.4720	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Call		1,225.53750	1,276.317	16.79	0.7808	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Put		221.93750	203.517	16.79	0.2192	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Put		2,408.07050	2,345.560	22.34	0.8197	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Call		181.67050	188.360	22.34	0.1803	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Put		2,479.98990	2,417.104	22.47	0.8269	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Call		173.58990	179.904	22.47	0.1731	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Put		2,597.72210	2,534.268	22.67	0.8380	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Call		161.32210	167.068	22.67	0.1620	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Call		1,057.16520	1,103.363	17.02	0.7240	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Put		303.56520	280.563	17.02	0.2760	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put		3,316.52060	3,249.958	24.06	0.8879	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call		110.12060	112.758	24.06	0.1121	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Put		3,701.76530	3,634.663	25.05	0.9039	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Call		95.36530	97.463	25.05	0.0961	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Call		552.01940	575.796	18.89	0.4646	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Put		878.41940	832.996	18.89	0.5354	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Call		529.19410	551.880	19.03	0.4496	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Put		925.59410	879.080	19.03	0.5504	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Put		2,363.33940	2,301.073	22.26	0.8150	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Call		186.93940	193.873	22.26	0.1850	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Put		2,354.41200	2,292.198	22.25	0.8140	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Call		188.01200	194.998	22.25	0.1860	0.00	0	12,600
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Call		548.69730	572.317	18.91	0.4624	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Put		885.09730	839.517	18.91	0.5376	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Call		1,275.58710	1,327.593	16.72	0.7959	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Put		201.98710	184.793	16.72	0.2041	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Put		2,020.89720	1,960.858	21.65	0.7739	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Call		234.49720	243.658	21.65	0.2261	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Call		579.34910	604.420	18.74	0.4822	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Put		825.74910	781.620	18.74	0.5178	0.00	0	77,255
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Put		2,661.53330	2,597.794	22.78	0.8437	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Call		155.13330	160.594	22.78	0.1563	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Call		1,402.23700	1,457.085	16.56	0.8304	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Put		158.63700	144.285	16.56	0.1696	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Call		1,819.17720	1,882.173	16.61	0.9066	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Put		75.57720	69.373	16.61	0.0934	0.00	0	1,155
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Put		1,783.31460	1,724.688	21.19	0.7391	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Call		276.91460	287.488	21.19	0.2609	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Put		1,145.82830	1,094.898	19.62	0.6127	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Call		439.42830	457.698	19.62	0.3873	0.00	0	224,757
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Call		1,730.77190	1,792.752	16.53	0.8945	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Put		87.17190	79.952	16.53	0.1055	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Call		1,440.81760	1,496.461	16.52	0.8400	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Put		147.21760	133.661	16.52	0.1600	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Call		1,364.25110	1,418.288	16.61	0.8206	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Put		170.65110	155.488	16.61	0.1794	0.00	0	4,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Call		734.13830	766.555	18.03	0.5735	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Put		590.53830	553.755	18.03	0.4265	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Call		558.72250	582.819	18.85	0.4690	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Put		865.12250	820.019	18.85	0.5310	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Call		1,576.29710	1,635.147	16.39	0.8700	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Put		112.69710	102.347	16.39	0.1300	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Put		1,160.62510	1,109.437	19.66	0.6164	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Call		434.22510	452.237	19.66	0.3836	0.00	0	1
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Put		1,398.33340	1,343.665	20.26	0.6707	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Call		361.93340	376.465	20.26	0.3293	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Put		793.53050	750.234	18.64	0.5066	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Call		597.13050	623.034	18.64	0.4934	0.00	0	100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Call		962.26860	1,003.887	17.25	0.6850	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Put		368.66860	341.087	17.25	0.3150	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Put		1,518.29530	1,462.230	20.56	0.6942	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Call		331.89530	345.030	20.56	0.3058	310,527.36	900	1,800
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Call		828.78730	865.217	17.68	0.6227	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Put		485.18730	452.417	17.68	0.3773	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Call		665.80480	695.091	18.31	0.5351	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Put		682.20480	642.292	18.31	0.4649	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call		492.33110	513.224	19.25	0.4246	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put		1,008.73110	960.424	19.25	0.5754	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Call		1,519.72620	1,576.892	16.42	0.8584	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Put		126.12620	114.092	16.42	0.1416	102,682.62	900	1,800
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Call		843.89710	880.944	17.63	0.6302	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Put		470.29710	438.144	17.63	0.3698	394,329.42	900	1,800
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call		489.38340	510.133	19.27	0.4226	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put		1,015.78340	967.333	19.27	0.5774	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call		486.45440	507.061	19.29	0.4206	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put		1,022.85440	974.261	19.29	0.5794	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Call		1,112.33710	1,159.549	17.01	0.7313	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Put		302.23710	279.950	17.01	0.2687	0.00	0	65,000
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put		21.02720	19.710	17.04	0.0303	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call		2,621.12720	2,689.310	17.04	0.9697	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put		77.67920	72.187	16.64	0.0932	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call		1,891.47920	1,955.587	16.64	0.9068	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put		618.97020	581.583	18.08	0.4276	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call		762.77020	794.983	18.08	0.5724	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call		971.45650	1,011.350	17.35	0.6724	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put		407.65650	377.950	17.35	0.3276	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Put		1,378.00960	1,324.223	20.15	0.6529	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Call		401.80960	417.623	20.15	0.3471	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put		1,108.12060	1,058.788	19.47	0.5896	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call		491.92060	512.188	19.47	0.4104	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Call		999.39700	1,040.242	17.26	0.6844	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Put			385.59700	356.842	17.26	0.3156	0.00	0	250
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put			85.79460	79.679	16.57	0.1003	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call			1,856.99460	1,920.579	16.57	0.8997	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Put			875.29550	832.144	18.67	0.4952	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Call			700.69550	728.044	18.67	0.5048	0.00	0	4,000
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call			1,070.40470	1,110.878	17.31	0.6736	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put			447.60470	417.478	17.31	0.3264	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put			1,268.96650	1,218.231	19.62	0.5971	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call			1,571.96890	1,627.317	16.54	0.8249	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call			789.59500	820.104	18.30	0.5471	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put			85.14310	78.297	16.29	0.0930	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call			2,037.94310	2,101.697	16.29	0.9070	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call			1,968.89400	2,031.828	16.32	0.8973	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put			96.09400	88.428	16.32	0.1027	0.00	0	3,000
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put			189.16890	173.917	16.54	0.1751	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call			531.76650	551.631	19.62	0.4029	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Call			1,098.03150	1,139.396	17.22	0.6845	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Put			425.23150	395.996	17.22	0.3155	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Put			1,534.64320	1,479.952	20.24	0.6514	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Call			447.44320	463.352	20.24	0.3486	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put			756.79500	716.704	18.30	0.4529	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put			1,428.94000	1,377.510	19.85	0.6034	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call			569.34000	588.610	19.85	0.3966	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Call			1,190.07870	1,233.377	17.26	0.6852	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Put			459.67870	432.277	17.26	0.3148	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put			895.27870	853.724	18.59	0.4734	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call			815.67870	844.824	18.59	0.5266	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Put			1,705.45600	1,650.587	20.46	0.6532	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Call			485.85600	501.687	20.46	0.3468	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call			1,162.78520	1,203.783	17.31	0.6753	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put			482.38520	452.683	17.31	0.3247	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put			136.87010	125.723	16.18	0.1285	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call			1,927.27010	1,986.823	16.18	0.8715	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call			2,041.63480	2,103.006	16.02	0.8908	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put			111.23480	101.906	16.02	0.1092	0.00	0	500
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put			22.30900	20.170	14.99	0.0290	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			2,818.30900	2,886.870	14.99	0.9710	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			4,273.66330	4,344.390	18.93	0.9908	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put			7.26330	7.290	18.93	0.0092	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call			2,708.26770	2,773.656	14.76	0.9635	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put			31.86770	26.556	14.76	0.0365	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			662.02520	626.413	17.86	0.3879	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			549.69800	517.497	17.49	0.3452	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Call			822.47900	850.672	18.73	0.5164	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			1,140.97440	1,179.315	17.50	0.6528	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			554.57440	522.215	17.50	0.3472	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call		1,135.87300	1,174.056	17.52	0.6509	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put		559.47300	526.956	17.52	0.3491	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call		1,146.09800	1,184.597	17.49	0.6548	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Put		118.20610	105.913	15.83	0.1106	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Call		1,015.39410	1,049.732	17.94	0.6026	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Put		688.99410	652.632	17.94	0.3974	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Put		3,251.51730	3,187.768	22.97	0.8142	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Call		247.91730	254.868	22.97	0.1858	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Put		966.07900	923.572	18.73	0.4836	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call		1,363.78240	1,411.100	17.07	0.7270	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put		579.28800	546.145	17.59	0.3569	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call		1,115.68800	1,153.245	17.59	0.6431	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Put		1,597.83650	1,544.991	20.17	0.6236	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Call		554.23650	572.091	20.17	0.3764	0.00	0	20
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Call		2,074.60610	2,133.013	15.83	0.8894	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call		673.00880	695.796	19.44	0.4418	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call		1,427.54950	1,476.349	16.97	0.7454	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put		351.14950	329.249	16.97	0.2546	0.00	0	5,035
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put		1,316.18170	1,267.507	19.55	0.5690	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call		652.58170	674.607	19.55	0.4310	0.00	0	5,035
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put		387.38240	364.000	17.07	0.2730	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put		114.63790	102.566	15.80	0.1079	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put		1,536.95260	1,484.884	20.03	0.6127	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call		573.35260	591.984	20.03	0.3873	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call		1,460.24180	1,509.775	16.92	0.7545	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put		333.84180	312.675	16.92	0.2455	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put		1,266.60880	1,218.696	19.44	0.5582	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call		603.51860	623.364	19.84	0.4042	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call		1,883.53840	1,939.269	16.19	0.8544	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put		167.13840	152.169	16.19	0.1456	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put		796.14080	757.005	18.26	0.4331	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call		932.54080	964.105	18.26	0.5669	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call		2,091.03790	2,149.666	15.80	0.8921	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call		1,038.42520	1,073.513	17.86	0.6121	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put		143.27940	129.546	16.02	0.1290	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call		1,969.67940	2,026.646	16.02	0.8710	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call		2,285.27430	2,346.346	15.46	0.9206	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put		78.87430	69.246	15.46	0.0794	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put		1,447.11860	1,396.264	19.84	0.5958	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Put		744.52570	706.896	18.08	0.4128	0.00	0	20,000
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Call		992.12570	1,025.196	18.08	0.5872	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Put		2,596.25860	2,536.154	21.93	0.7535	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Call		343.85860	354.454	21.93	0.2465	0.00	0	20,000
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put		1,576.33700	1,524.477	20.06	0.6093	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call		598.73700	617.677	20.06	0.3907	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Call		1,272.02830	1,315.385	17.29	0.6863	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Put			489.62830	462.186	17.29	0.3137	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Put			1,855.51180	1,800.482	20.63	0.6547	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Call			517.91180	533.682	20.63	0.3453	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put			122.12330	111.691	15.74	0.1130	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call			2,104.52330	2,164.891	15.74	0.8870	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put			1,023.66220	980.861	18.83	0.4896	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call			836.06220	864.061	18.83	0.5104	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call			1,243.44780	1,286.012	17.34	0.6771	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put			511.04780	482.812	17.34	0.3229	0.00	0	250
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put			163.64770	150.460	16.03	0.1408	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call			1,961.64770	2,019.260	16.03	0.8592	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put			1,953.55210	1,897.693	20.80	0.6654	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call			505.25210	520.193	20.80	0.3346	0.00	0	39,250
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			1,775.71540	1,829.160	16.48	0.8171	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			234.01540	216.660	16.48	0.1829	0.00	0	39,250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			1,731.58070	1,679.316	20.23	0.6129	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			635.28070	653.916	20.23	0.3871	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Call			1,365.00740	1,408.637	17.32	0.6883	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Put			521.30740	494.037	17.32	0.3117	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Put			2,012.88060	1,957.911	20.78	0.6544	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			542.85490	514.850	17.37	0.3204	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Call			556.58060	572.511	20.78	0.3456	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			132.70840	121.035	15.41	0.1159	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			2,176.40840	2,235.635	15.41	0.8841	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,161.51910	1,117.551	19.04	0.5029	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			865.21910	892.151	19.04	0.4971	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			1,336.55490	1,379.450	17.37	0.6796	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			191.67680	176.360	15.94	0.1522	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			1,997.27680	2,052.860	15.94	0.8478	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			1,899.15560	1,845.147	20.49	0.6301	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			617.45560	635.147	20.49	0.3699	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			665.23680	631.472	17.66	0.3583	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			1,253.53680	1,291.472	17.66	0.6417	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Call			1,448.81070	1,493.584	17.36	0.6906	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Put			548.31070	520.384	17.36	0.3094	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Put			2,182.12600	2,125.928	20.95	0.6576	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Call			582.62600	599.128	20.95	0.3424	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			1,891.00680	1,837.109	20.42	0.6183	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			661.50680	680.309	20.42	0.3817	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			146.68420	130.643	15.23	0.1187	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			2,247.18420	2,303.843	15.23	0.8813	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,302.93270	1,256.997	19.26	0.5162	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			883.43270	910.197	19.26	0.4838	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call			1,420.46840	1,464.493	17.41	0.6825	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			569.96840	541.293	17.41	0.3175	0.00	0	250
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			223.93370	204.619	15.94	0.1630	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			2,040.03370	2,093.719	15.94	0.8370	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Put			4,198.16290	4,128.076	24.24	0.8136	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Call			309.96290	313.076	24.24	0.1864	0.00	0	20,000
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			2,695.75720	2,762.526	14.13	0.9389	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			63.15720	56.026	14.13	0.0611	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,555.24720	1,505.462	19.70	0.5552	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			817.84720	841.962	19.70	0.4448	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			1,630.04400	1,679.409	17.14	0.7284	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			280.77450	261.176	16.31	0.1897	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			1,956.75610	2,010.911	16.33	0.8087	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			284.15610	264.411	16.33	0.1913	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			277.42020	257.963	16.28	0.1881	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Put			3,533.19840	3,468.161	22.88	0.7744	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Call			375.79840	384.661	22.88	0.2256	0.00	0	81,930
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Call			1,528.77320	1,575.480	17.30	0.7017	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Put			536.17320	508.980	17.30	0.2983	0.00	0	141,127
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			1,963.37450	2,017.676	16.31	0.8103	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Call			345.58800	353.526	23.57	0.2067	0.00	0	141,127
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Call			1,667.07940	1,717.376	17.08	0.7378	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Put			444.47940	420.876	17.08	0.2622	0.00	0	81,930
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Put			4,491.26250	4,424.061	24.75	0.8201	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Call			303.86250	310.561	24.75	0.1799	0.00	0	33,151
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			1,970.02020	2,024.464	16.28	0.8119	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Call			348.54380	356.572	23.49	0.2086	0.00	0	33,715
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Call			1,558.00120	1,605.488	17.25	0.7096	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Put			515.40120	488.988	17.25	0.2904	0.00	0	33,715
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Call			973.14010	1,002.474	19.02	0.5102	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Put			1,220.54010	1,175.974	19.02	0.4898	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Put			3,882.98800	3,817.026	23.57	0.7933	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Call			455.15830	467.682	22.04	0.2694	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Call			1,421.94930	1,465.643	17.48	0.6715	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Put			619.34930	589.143	17.48	0.3285	0.00	0	33,151
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Put			3,698.27980	3,632.783	23.20	0.7837	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Call			360.87980	369.283	23.20	0.2163	0.00	0	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Put			3,845.94380	3,780.072	23.49	0.7914	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Put			1,339.83030	1,293.259	19.27	0.5147	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Put			3,213.53580	3,150.975	22.41	0.7514	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Call			416.13580	427.474	22.41	0.2486	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Call			1,488.64170	1,534.242	17.37	0.6906	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Put			566.04170	537.742	17.37	0.3094	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Put			2,962.55830	2,901.182	22.04	0.7306	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Call			426.44620	438.098	22.31	0.2541	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Call			1,232.84990	1,269.581	18.02	0.6091	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Put			820.24990	783.081	18.02	0.3909	0.00	0	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put			1,333.08640	1,286.620	19.26	0.5133	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call			915.68640	943.120	19.26	0.4867	0.00	0	30,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Call			912.43030	939.759	19.27	0.4853	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			467.44400	442.908	17.14	0.2716	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			2,616.24390	2,556.794	21.53	0.6977	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			518.84390	533.293	21.53	0.3023	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			4,396.60940	4,470.033	17.59	0.9855	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			14.00940	13.533	17.59	0.0145	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Put			3,143.84620	3,081.598	22.31	0.7459	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Call			1,531.58040	1,578.561	17.37	0.6934	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Put			572.48040	544.561	17.37	0.3066	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Put			2,340.62520	2,283.615	21.07	0.6592	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Call			609.72520	627.615	21.07	0.3408	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call			1,503.36320	1,549.713	17.42	0.6856	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put			594.26320	565.713	17.42	0.3144	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			158.84400	146.063	15.29	0.1238	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			2,317.94400	2,380.063	15.29	0.8762	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,429.68850	1,381.668	19.41	0.5248	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			908.78850	935.668	19.41	0.4752	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call			691.81000	711.129	20.54	0.3793	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put			2,032.71000	1,977.129	20.54	0.6207	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			251.76990	232.524	16.02	0.1720	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call			2,084.66990	2,140.424	16.02	0.8280	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Call			1,614.00870	1,662.574	17.40	0.6961	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Put			596.20870	567.873	17.40	0.3039	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Put			2,508.00670	2,448.753	21.21	0.6615	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Call			635.80670	653.453	21.21	0.3385	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call			1,585.91320	1,633.785	17.45	0.6887	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put			172.63280	159.767	15.30	0.1277	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,578.40040	1,527.950	19.61	0.5358	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			926.20040	952.650	19.61	0.4642	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			618.11320	589.085	17.45	0.3113	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put			2,198.23000	2,140.545	20.72	0.6255	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call			716.03000	735.245	20.72	0.3745	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			286.47570	267.421	16.16	0.1834	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			2,114.27570	2,172.121	16.16	0.8166	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			2,390.43280	2,454.467	15.30	0.8723	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			2,340.58730	2,282.656	20.94	0.6267	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			748.88730	767.756	20.94	0.3733	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Call			1,696.94820	1,744.387	17.46	0.6989	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Put			618.64820	589.287	17.46	0.3011	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Put			2,652.11810	2,592.195	21.41	0.6605	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			640.90300	610.773	17.52	0.3082	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Call			670.41810	687.295	21.41	0.3395	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			191.14940	175.287	15.42	0.1318	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			2,469.44940	2,530.387	15.42	0.8682	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			1,707.38040	1,655.955	19.85	0.5418	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			955.68040	981.056	19.85	0.4582	0.00	0	500

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call			1,669.20300	1,715.873	17.52	0.6918	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			322.95070	301.506	16.31	0.1922	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			2,167.55070	2,222.906	16.31	0.8078	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			2,058.46460	2,108.079	16.72	0.7764	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			410.86460	383.679	16.72	0.2236	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			2,751.68050	2,691.280	21.54	0.6631	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			679.28050	695.680	21.54	0.3369	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,090.59680	5,024.257	25.39	0.8000	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			398.19680	408.657	25.39	0.2000	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			3,463.67740	3,536.867	14.68	0.9587	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			46.07740	42.467	14.68	0.0413	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			1,058.60650	1,086.495	19.59	0.4889	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			1,561.00650	1,512.095	19.59	0.5111	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			1,055.44210	1,083.236	19.60	0.4877	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			1,567.84210	1,518.836	19.60	0.5123	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			1,061.78230	1,089.765	19.58	0.4900	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			1,554.18230	1,505.365	19.58	0.5100	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			2,488.42460	2,430.413	21.13	0.6274	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			783.62460	802.413	21.13	0.3726	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Call			1,784.94700	1,831.766	17.50	0.7022	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Put			639.74700	609.766	17.50	0.2978	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Put			2,801.95120	2,741.677	21.59	0.6591	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			662.21590	631.486	17.55	0.3046	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Call			707.15120	723.677	21.59	0.3409	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			208.40790	189.046	15.47	0.1346	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			2,553.60790	2,611.046	15.47	0.8654	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			1,849.98160	1,797.772	20.09	0.5481	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			985.18160	1,009.772	20.09	0.4519	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call			1,757.41590	1,803.486	17.55	0.6954	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			358.27970	333.644	16.41	0.1997	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			2,217.67970	2,269.845	16.41	0.8003	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			390.72120	366.863	16.55	0.2069	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			2,260.72120	2,313.663	16.55	0.7931	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			424.75060	400.506	16.67	0.2132	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			2,309.45060	2,362.106	16.67	0.7868	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Call			1,361.06640	1,392.446	19.43	0.5399	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			1,487.06640	1,441.546	19.43	0.4601	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			1,368.25150	1,399.819	19.41	0.5421	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			1,474.25150	1,428.919	19.41	0.4579	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			1,364.65690	1,396.130	19.42	0.5410	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			1,480.65690	1,435.230	19.42	0.4590	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			459.24530	434.517	16.79	0.2190	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			2,358.74530	2,410.917	16.79	0.7810	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			2,396.77040	2,447.108	16.86	0.7759	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			490.87040	464.308	16.86	0.2241	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			524.99910	499.605	16.98	0.2288	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			2,451.89910	2,503.505	16.98	0.7712	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			1,755.62570	1,790.602	18.82	0.6104	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,237.82570	1,195.802	18.82	0.3896	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			1,751.52990	1,786.446	18.83	0.6093	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,243.72990	1,201.646	18.83	0.3907	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			1,759.72610	1,794.771	18.81	0.6115	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,231.92610	1,189.971	18.81	0.3885	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,374.88020	1,331.943	19.07	0.4010	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,788.78020	1,822.943	19.07	0.5990	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			1,913.42200	1,948.047	19.04	0.6103	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,379.22200	1,336.747	19.04	0.3897	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			1,909.38120	1,943.949	19.05	0.6094	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,385.18120	1,342.649	19.05	0.3906	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			1,917.47390	1,952.157	19.03	0.6113	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,373.27390	1,330.857	19.03	0.3887	0.00	0	0
Total \$ / R Option												2,679,415.40	22,700	9,121,525
Total \$ / R												1,157,721,855.20	101,038	10,165,066
\$ / R MAXI	On	14/12/2018	Foreign Exchange Future			14.68540		14.61670			0.0000	146,854.00	10	307
\$ / R MAXI	On	18/03/2019	Foreign Exchange Future			14.86280		14.79360			0.0000	0.00	0	15
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			15.02710		14.95640			0.0000	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Future			15.20650		15.13260			0.0000	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Future			15.38440		15.30760			0.0000	0.00	0	0
Total \$ / R MAXI Future												146,854.00	10	322
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Put			116,990.92590	110,698.900	21.41	0.7955	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.67	Call			11,660.92590	12,238.900	21.41	0.2045	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Call			20,085.92170	21,259.437	20.11	0.3255	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.20	Put			78,415.92170	72,719.437	20.11	0.6745	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Call			19,859.19160	21,014.787	20.14	0.3224	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.21	Put			79,189.19160	73,474.787	20.14	0.6776	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Call			20,315.24440	21,507.075	20.08	0.3286	0.00	0	0
\$ / R MAXI	On	14/12/2018	Foreign Exchange Option	15.19	Put			77,645.24440	71,967.075	20.08	0.6714	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Call			107,002.84380	111,660.215	17.00	0.7287	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Put			29,642.84380	27,380.215	17.00	0.2713	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Call			106,358.35110	110,996.932	17.01	0.7264	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Put			29,998.35110	27,716.932	17.01	0.2736	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Call			105,716.52140	110,336.280	17.02	0.7240	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Put			30,356.52140	28,056.280	17.02	0.2760	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Call			114,609.80030	118,459.714	17.49	0.6548	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Put			54,969.80030	51,749.714	17.49	0.3452	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Call			114,097.43900	117,931.508	17.50	0.6528	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Put			55,457.43900	52,221.508	17.50	0.3472	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Call			113,587.29530	117,405.546	17.52	0.6509	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Put			55,947.29530	52,695.546	17.52	0.3491	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Call			124,626.60530	128,337.126	17.98	0.6138	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Put			80,366.60530	76,687.126	17.98	0.3862	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Call			124,178.36470	127,875.651	17.99	0.6122	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Put			80,918.36470	77,225.651	17.99	0.3878	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Call			123,731.34400	127,415.973	18.01	0.6106	0.00	0	0	
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Put			81,471.34400	77,765.973	18.01	0.3894	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Call			183,317.02770	188,238.344	17.29	0.7241	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Put			55,557.02770	52,798.345	17.29	0.2759	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Call			184,495.30940	189,441.072	17.27	0.7268	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Put			54,735.30940	52,001.072	17.27	0.2732	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Call			183,905.58790	188,838.579	17.28	0.7255	0.00	0	0	
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Put			55,145.58790	52,398.579	17.28	0.2745	0.00	0	0	
Total \$ / R MAXI Option												0.00	0	0
Total \$ / R MAXI												146,854.00	10	322
£ / R	On 30/11/2018	Foreign Exchange Future			18.69800		18.71840			0.0000	0.00	0	13	
£ / R	On 14/12/2018	Foreign Exchange Future			18.74940		18.76500			0.0000	7,874,748.00	420	437,894	
£ / R	On 18/03/2019	Foreign Exchange Future			19.07150		19.09210			0.0000	19,128,714.50	1,003	9,145	
£ / R	On 14/06/2019	Foreign Exchange Future			19.37040		19.39180			0.0000	0.00	0	5,506	
£ / R	On 16/09/2019	Foreign Exchange Future			19.70120		19.72050			0.0000	0.00	0	10,363	
£ / R	On 13/12/2019	Foreign Exchange Future			20.02900		20.04700			0.0000	0.00	0	0	
£ / R	On 16/03/2020	Foreign Exchange Future			20.39190		20.41210			0.0000	0.00	0	0	
Total £ / R Future												27,003,462.50	1,423	462,921
£ / R	On 30/11/2018	Foreign Exchange Option	19.46	Put			892.85480	902.649	18.72	0.7596	0.00	0	0	
£ / R	On 30/11/2018	Foreign Exchange Option	19.46	Call			151.25480	140.649	18.72	0.2404	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	19.30	Put			802.91430	808.105	18.16	0.6635	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	19.30	Call			267.91430	257.505	18.16	0.3365	0.00	0	200	
£ / R	On 14/12/2018	Foreign Exchange Option	21.00	Put			2,273.04110	2,285.751	20.49	0.9381	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	21.00	Call			38.04110	35.151	20.49	0.0619	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	18.12	Call			845.18120	829.919	17.29	0.7233	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	18.12	Put			200.18120	200.519	17.29	0.2767	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	18.13	Call			838.19360	822.953	17.29	0.7203	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	18.13	Put			203.19360	203.553	17.29	0.2797	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	18.11	Call			852.20260	836.918	17.29	0.7264	0.00	0	0	
£ / R	On 14/12/2018	Foreign Exchange Option	18.11	Put			197.20260	197.518	17.29	0.2736	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	19.19	Call			773.76290	761.896	17.41	0.4984	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	19.19	Put			871.66290	880.396	17.41	0.5016	0.00	0	1,000	
£ / R	On 18/03/2019	Foreign Exchange Option	18.30	Call			1,247.24430	1,232.255	17.12	0.6714	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	18.30	Put			455.14430	460.755	17.12	0.3286	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	21.44	Put			2,561.13120	2,576.103	19.32	0.8218	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	21.44	Call			213.23120	207.603	19.32	0.1782	0.00	0	500	
£ / R	On 18/03/2019	Foreign Exchange Option	18.31	Call			1,241.01860	1,226.052	17.12	0.6695	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	18.31	Put			458.91860	464.552	17.12	0.3305	0.00	0	0	
£ / R	On 18/03/2019	Foreign Exchange Option	18.29	Call			1,253.49010	1,238.482	17.12	0.6733	0.00	0	0	

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			451.39010	456.982	17.12	0.3267	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Put			1,397.13460	1,407.862	18.01	0.6451	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Call			489.23460	479.362	18.01	0.3549	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Put			1,529.30970	1,541.047	18.18	0.6727	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Call			441.40970	432.547	18.18	0.3273	0.00	0	1,500
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			1,446.89510	1,429.901	17.10	0.7260	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			354.79510	358.401	17.10	0.2740	0.00	0	500
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			1,470.78290	1,453.278	17.44	0.6376	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			708.98290	712.878	17.44	0.3624	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Call			1,465.13290	1,447.648	17.44	0.6362	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			713.33290	717.248	17.44	0.3638	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			1,476.44870	1,458.929	17.43	0.6391	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			704.64870	708.529	17.43	0.3609	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			1,790.07410	1,770.221	17.73	0.6412	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			879.57410	879.021	17.73	0.3588	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			1,784.58220	1,764.743	17.73	0.6400	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			884.08220	883.543	17.73	0.3600	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			1,779.09650	1,759.278	17.74	0.6387	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			888.59650	888.078	17.74	0.3613	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Call			1,624.32860	1,606.079	18.58	0.5471	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Put			1,527.32860	1,527.079	18.58	0.4529	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Call			1,619.99190	1,601.757	18.59	0.5461	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Put			1,532.99190	1,532.757	18.59	0.4539	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Call			1,615.65700	1,597.454	18.59	0.5451	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Put			1,538.65700	1,538.454	18.59	0.4549	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Put			1,770.43950	1,773.260	19.13	0.4473	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Call			1,878.27470	1,860.920	19.13	0.5518	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Put			1,776.17470	1,779.020	19.13	0.4482	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Call			1,886.81330	1,869.418	19.12	0.5535	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Put			1,764.71330	1,767.518	19.12	0.4465	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Call			1,882.53950	1,865.160	19.13	0.5527	0.00	0	0
Total £ / R Option												0.00	0	4,200
Total £ / R												27,003,462.50	1,423	467,121
¥ / R	On	14/12/2018	Foreign Exchange Future			0.13075		0.13035			0.0000	0.00	0	6,905
¥ / R	On	18/03/2019	Foreign Exchange Future			0.13342		0.13308			0.0000	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Future			0.13594		0.13560			0.0000	0.00	0	0
Total ¥ / R Future												0.00	0	6,905
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Call			1,071.59980	1,089.969	15.24	0.9484	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.12	Put			36.29980	15.470	15.24	0.0516	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Call			412.35820	391.726	19.35	0.5470	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.13	Put			377.05820	317.226	19.35	0.4530	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Call			2,042.71870	2,078.773	22.14	0.9881	0.00	0	0
¥ / R	On	14/12/2018	Foreign Exchange Option	0.11	Put			7.41870	4.273	22.14	0.0119	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			1,560.45650	1,570.008	22.63	0.7964	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			252.25650	227.908	22.63	0.2036	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			929.05010	924.636	22.87	0.6005	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			620.85010	582.536	22.87	0.3995	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			2,380.49280	2,403.823	22.39	0.9287	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			72.29280	61.723	22.39	0.0713	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Call			1,133.19080	1,131.688	19.15	0.6448	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			573.49080	538.088	19.15	0.3552	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			734.20750	728.456	21.16	0.4629	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,174.50750	1,134.856	21.16	0.5371	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			1,729.25260	1,741.779	16.44	0.8477	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			169.55260	148.179	16.44	0.1523	0.00	0	0
Total ¥ / R Option												0.00	0	0
Total ¥ / R												0.00	0	6,905
€ / R	On	30/11/2018	Foreign Exchange Future			16.70360		16.64580			0.0000	0.00	0	37
€ / R	On	14/12/2018	Foreign Exchange Future			16.76040		16.69560			0.0000	2,849,268.00	170	106,093
€ / R	On	18/03/2019	Foreign Exchange Future			17.11160		17.04940			0.0000	0.00	0	36,313
€ / R	On	14/06/2019	Foreign Exchange Future			17.43960		17.37620			0.0000	0.00	0	4,906
€ / R	On	14/08/2019	Foreign Exchange Future			17.67360		17.61070			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			17.80490		17.73850			0.0000	0.00	0	8,262
€ / R	On	13/12/2019	Foreign Exchange Future			18.12990		18.06110			0.0000	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Future			18.52540		18.45730			0.0000	0.00	0	0
Total € / R Future												2,849,268.00	170	155,611
€ / R	On	30/11/2018	Foreign Exchange Option	17.04	Put			591.46890	546.690	18.01	0.6382	0.00	0	0
€ / R	On	30/11/2018	Foreign Exchange Option	17.04	Call			197.26890	210.290	18.01	0.3618	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Call			105.18460	111.446	19.72	0.1822	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.89	Put			1,299.58460	1,241.046	19.72	0.8178	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Call			103.97910	110.155	19.75	0.1803	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.90	Put			1,308.37910	1,249.755	19.75	0.8197	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Call			106.40420	112.753	19.70	0.1840	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	17.88	Put			1,290.80420	1,232.353	19.70	0.8160	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	21.00	Put			4,309.06180	4,244.228	26.65	0.9909	0.00	0	0
€ / R	On	14/12/2018	Foreign Exchange Option	21.00	Call			4.66180	4.628	26.65	0.0091	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			247.97680	229.783	15.65	0.2285	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			1,297.37680	1,341.383	15.65	0.7715	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call			1,201.09880	1,243.006	15.74	0.7422	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put			291.69880	271.406	15.74	0.2578	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call			1,194.40140	1,236.158	15.75	0.7401	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put			295.00140	274.558	15.75	0.2599	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			288.42020	268.278	15.74	0.2556	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Put			2,770.09030	2,713.357	21.05	0.8413	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call			169.49030	174.957	21.05	0.1587	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call			1,597.21870	1,646.783	15.37	0.8468	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put			147.81870	135.183	15.37	0.1532	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call			612.54090	634.561	17.43	0.4744	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put			893.14090	852.961	17.43	0.5256	0.00	0	462
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			1,207.82020	1,249.879	15.74	0.7444	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call			1,178.12790	1,210.803	16.53	0.6272	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put			661.92790	631.203	16.53	0.3728	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call			1,173.22650	1,205.778	16.54	0.6254	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put			667.02650	636.178	16.54	0.3746	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call			1,168.34480	1,200.772	16.56	0.6236	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put			672.14480	641.172	16.56	0.3764	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put			354.18130	336.902	15.74	0.2212	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call			1,934.88130	1,980.502	15.74	0.7788	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put			2,585.37620	2,535.124	19.97	0.6946	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call			546.07620	558.724	19.97	0.3054	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call			1,793.64530	1,837.050	15.89	0.7485	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put			422.94530	403.449	15.89	0.2515	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Call			1,352.80800	1,385.980	16.62	0.6305	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Put			752.10800	722.380	16.62	0.3695	0.00	0	31,200
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call			1,153.22890	1,182.079	17.52	0.5375	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put			1,184.72890	1,147.179	17.52	0.4625	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call			1,149.39000	1,178.235	17.53	0.5361	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put			1,190.89000	1,153.335	17.53	0.4639	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call			1,145.56490	1,174.405	17.55	0.5348	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put			1,197.06490	1,159.505	17.55	0.4652	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Put			1,321.17940	1,282.026	17.60	0.4488	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Call			1,368.54020	1,398.096	17.61	0.5501	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Put			1,327.44020	1,288.196	17.61	0.4499	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Call			1,364.81330	1,394.278	17.62	0.5489	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Put			1,333.71330	1,294.378	17.62	0.4511	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Call			1,372.27940	1,401.926	17.60	0.5512	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Put			1,547.47850	1,508.145	17.88	0.4505	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Call			1,550.97950	1,579.855	17.89	0.5485	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Put			1,553.67950	1,514.455	17.89	0.4515	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Call			1,547.19970	1,576.185	17.91	0.5475	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Put			1,559.89970	1,520.785	17.91	0.4525	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Call			1,554.77850	1,583.545	17.88	0.5495	0.00	0	0
Total € / R Option												0.00	0	95,636
Total € / R												2,849,268.00	170	251,247
AUS / R	On	14/12/2018	Foreign Exchange Future			10.36970		10.32140			0.0000	0.00	0	33,972
AUS / R	On	18/03/2019	Foreign Exchange Future			10.50960		10.46090			0.0000	0.00	0	420
AUS / R	On	14/06/2019	Foreign Exchange Future			10.64370		10.59450			0.0000	0.00	0	4,929
AUS / R	On	16/09/2019	Foreign Exchange Future			10.79280		10.74140			0.0000	0.00	0	0
AUS / R	On	13/12/2019	Foreign Exchange Future			10.94220		10.88890			0.0000	0.00	0	0
AUS / R	On	16/03/2020	Foreign Exchange Future			11.10610		11.05430			0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total AU\$ / R Future												0.00	0	39,321
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Put		1,163.92000	1,115.703	17.82	0.9430		0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Call		14.95150	15.027	17.84	0.0557		0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.48	Put		1,173.55150	1,125.327	17.84	0.9443		0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Call		14.59200	14.660	17.87	0.0544		0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.49	Put		1,183.19200	1,134.960	17.87	0.9456		0.00	0	0
AU\$ / R	On	14/12/2018	Foreign Exchange Option	11.47	Call		15.32000	15.403	17.82	0.0570		0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call		424.30890	445.832	14.04	0.5870		0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put		313.40890	286.232	14.04	0.4130		0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call		419.31130	440.557	14.05	0.5827		0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put		318.41130	290.957	14.05	0.4173		0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call		414.35820	435.327	14.06	0.5783		0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put		323.45820	295.727	14.06	0.4217		0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put		758.93570	721.044	15.20	0.5880		0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call		340.49420	351.665	15.22	0.4092		0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put		765.99420	727.965	15.22	0.5908		0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call		346.40270	357.850	15.18	0.4148		0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put		751.90270	714.150	15.18	0.5852		0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call		343.43570	354.744	15.20	0.4120		0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Put		614.92180	584.761	14.92	0.4635		0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Call		592.28010	613.225	14.93	0.5339		0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Put		620.88010	590.425	14.93	0.4661		0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call		600.39000	621.924	14.91	0.5392		0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put		608.99000	579.124	14.91	0.4608		0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Call		596.32180	617.561	14.92	0.5365		0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Put		709.42530	678.736	15.30	0.4560		0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Call		704.21070	726.681	15.31	0.5418		0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Put		715.31070	684.481	15.31	0.4582		0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Call		700.17860	722.449	15.32	0.5395		0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Put		721.27860	690.249	15.32	0.4605		0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Call		708.32530	730.936	15.30	0.5440		0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Call		815.76570	837.217	15.70	0.5457		0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Put		821.46570	791.117	15.70	0.4543		0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Call		811.74000	833.078	15.72	0.5438		0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Put		827.44000	796.978	15.72	0.4562		0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Call		819.80600	841.376	15.69	0.5476		0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Put		815.50600	785.276	15.69	0.4524		0.00	0	0
Total AU\$ / R Option												0.00	0	0
Total AU\$ / R												0.00	0	39,321
CAD/ R	On	14/12/2018	Foreign Exchange Future			11.19170		11.14850		0.0000		0.00	0	500
CAD/ R	On	18/03/2019	Foreign Exchange Future			11.34770		11.30330		0.0000		0.00	0	400
CAD/ R	On	14/06/2019	Foreign Exchange Future			11.48650		11.44130		0.0000		0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Future			11.50200		11.45660		0.0000		0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CAD/ R	On	13/12/2019	Foreign Exchange Future			11.65450		11.60700			0.0000	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Future			11.80780		11.75860			0.0000	0.00	0	0
Total CAD/ R Future												0.00	0	900
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Call			1,669.94990	1,712.978	18.76	0.9947	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.48	Put			1.44990	1.278	18.76	0.0053	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Call			1,659.98660	1,703.010	18.71	0.9945	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.49	Put			1.48660	1.310	18.71	0.0055	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Call			1,679.91420	1,722.946	18.81	0.9948	0.00	0	0
CAD/ R	On	14/12/2018	Foreign Exchange Option	9.47	Put			1.41420	1.246	18.81	0.0052	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			743.62980	774.322	14.36	0.7504	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			170.32980	156.622	14.36	0.2496	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			736.68230	767.206	14.37	0.7470	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			173.38230	159.506	14.37	0.2530	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			750.61230	781.475	14.36	0.7538	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			167.31230	153.775	14.36	0.2462	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Call			906.86040	936.223	14.93	0.7198	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Put			265.56040	249.723	14.93	0.2802	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Call			900.34060	929.570	14.93	0.7171	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Put			269.04060	253.070	14.93	0.2829	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Call			913.40660	942.905	14.92	0.7225	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Put			262.10660	246.405	14.92	0.2775	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Call			728.77730	749.784	16.07	0.5581	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Put			652.17730	627.784	16.07	0.4419	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Call			724.52040	745.410	16.08	0.5558	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Put			657.92040	633.410	16.08	0.4442	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Call			720.28300	741.065	16.09	0.5535	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Put			663.68300	639.065	16.09	0.4465	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Call			840.21160	862.253	16.43	0.5571	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Put			773.21160	747.753	16.43	0.4429	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Call			836.09130	858.032	16.44	0.5552	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Put			779.09130	753.532	16.44	0.4448	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Call			844.34750	866.490	16.42	0.5591	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Put			767.34750	741.990	16.42	0.4409	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Call			950.85200	973.209	16.62	0.5592	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Put			882.25200	855.409	16.62	0.4408	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Call			946.83310	969.102	16.63	0.5575	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Put			888.23310	861.302	16.63	0.4425	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Call			954.88360	977.328	16.61	0.5609	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Put			876.28360	849.528	16.61	0.4391	0.00	0	0
Total CAD/ R Option												0.00	0	0
Total CAD/ R												0.00	0	900
CHF / R	On	14/12/2018	Foreign Exchange Future			14.70480		14.67300			0.0000	0.00	0	1,666
CHF / R	On	18/03/2019	Foreign Exchange Future			15.02770		15.00050			0.0000	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CHF / R	On	14/06/2019	Foreign Exchange Future			15.33000		15.30330			0.0000	0.00	0	150
CHF / R	On	16/09/2019	Foreign Exchange Future			15.66790		15.63950			0.0000	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Future			15.96790		15.93490			0.0000	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Future			16.65520		16.62290			0.0000	0.00	0	0
Total CHF / R Future												0.00	0	1,816
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Call			1,482.30080	1,512.943	18.40	0.9547	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.21	Put			19.30080	18.143	18.40	0.0453	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Call			1,472.74650	1,503.186	18.34	0.9540	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.22	Put			19.74650	18.386	18.34	0.0460	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Call			1,491.86430	1,522.704	18.45	0.9553	0.00	0	0
CHF / R	On	14/12/2018	Foreign Exchange Option	13.20	Put			18.86430	17.904	18.45	0.0447	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			915.73410	928.288	16.97	0.6579	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			395.23410	380.588	16.97	0.3421	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			927.28480	939.988	16.95	0.6629	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			386.78480	372.288	16.95	0.3371	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			921.49770	934.124	16.96	0.6604	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			390.99770	376.424	16.96	0.3396	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			1,145.41490	1,157.239	17.41	0.6404	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			572.11490	557.239	17.41	0.3596	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			1,140.15960	1,151.923	17.43	0.6384	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			576.85960	561.923	17.43	0.3616	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			1,150.69580	1,162.582	17.40	0.6423	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			567.39580	552.582	17.40	0.3577	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Call			1,069.08320	1,081.301	18.65	0.5316	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Put			1,119.58320	1,103.401	18.65	0.4684	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Call			1,065.24360	1,077.407	18.66	0.5302	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Put			1,125.74360	1,109.507	18.66	0.4698	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Call			1,072.93760	1,085.215	18.63	0.5331	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Put			1,113.43760	1,097.315	18.63	0.4669	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Call			1,259.28420	1,276.531	18.84	0.5419	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Put			1,274.38420	1,258.631	18.84	0.4581	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Call			1,255.45130	1,272.717	18.85	0.5407	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Put			1,280.55130	1,264.817	18.85	0.4593	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Call			1,251.63130	1,268.916	18.86	0.5395	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Put			1,286.73130	1,271.016	18.86	0.4605	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Call			1,497.02220	1,516.862	19.34	0.5478	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Put			1,504.12220	1,491.662	19.34	0.4522	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Call			1,493.29960	1,513.091	19.35	0.5468	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Put			1,510.39960	1,497.891	19.35	0.4532	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Call			1,500.76360	1,520.645	19.33	0.5489	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Put			1,497.86360	1,485.445	19.33	0.4511	0.00	0	0
Total CHF / R Option												0.00	0	0
Total CHF / R												0.00	0	1,816

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
CNH / R	On	14/12/2018	Foreign Exchange Future			2.10260		2.09490			0.0000	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Future			2.12070		2.11330			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.13880		2.13130			0.0000	0.00	0	0
Total CNH / R Future												0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Call			1,882.12740	1,954.194	17.13	0.9482	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.91	Put			33.12740	28.194	17.13	0.0518	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Call			1,788.45970	1,859.770	17.04	0.9392	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.92	Put			39.45970	33.770	17.04	0.0608	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Call			1,976.71800	2,049.457	17.22	0.9560	0.00	0	0
CNH / R	On	14/12/2018	Foreign Exchange Option	1.90	Put			27.71800	23.457	17.22	0.0440	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			721.66880	685.023	16.01	0.4219	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			905.10780	940.597	16.04	0.5591	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			772.10780	733.597	16.04	0.4409	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			1,006.17240	1,045.401	15.98	0.5971	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			673.17240	638.401	15.98	0.4029	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			954.66880	992.023	16.01	0.5781	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			1,960.29020	2,015.996	15.97	0.7503	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			447.29020	427.996	15.97	0.2497	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			1,891.15210	1,945.553	15.97	0.7375	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			478.15210	457.553	15.97	0.2625	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			2,030.83210	2,087.806	15.98	0.7628	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			417.83210	399.806	15.98	0.2372	0.00	0	0
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
CURRENCO	On	06/11/2018	Foreign Exchange Future			191.89360		189.16300			0.0000	0.00	0	0
Total CURRENCY CANDO CX05 Future												0.00	0	0
Total CURRENCY CANDO CX05												0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Future			2.24780		2.23810			0.0000	0.00	0	240
DKK / R	On	18/03/2019	Foreign Exchange Future			2.29600		2.28710			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.34120		2.33190			0.0000	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Future			2.39150		2.38190			0.0000	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Future			2.52690		2.51730			0.0000	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Future			2.58400		2.57430			0.0000	0.00	0	0
Total DKK / R Future												0.00	0	240
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Put			70.42120	62.655	16.50	0.0993	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Call			1,463.27390	1,550.521	16.37	0.8872	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.10	Put			82.27390	72.521	16.37	0.1128	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Call			1,641.04090	1,731.991	16.63	0.9128	0.00	0	0
DKK / R	On	14/12/2018	Foreign Exchange Option	2.08	Put			60.04090	53.991	16.63	0.0872	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
DKK / R	On	14/12/2018	Foreign Exchange Option	2.09	Call			1,551.42120	1,640.655	16.50	0.9007	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			1,094.77160	1,140.284	15.94	0.6006	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			723.77160	680.284	15.94	0.3994	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			1,044.95690	1,088.597	16.00	0.5829	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			773.95690	728.597	16.00	0.4171	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			1,146.43720	1,193.836	15.87	0.6183	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			675.43720	633.836	15.87	0.3817	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			2,256.92140	2,323.129	15.82	0.7720	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			437.92140	411.129	15.82	0.2280	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			2,186.46810	2,251.340	15.83	0.7604	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			467.46810	439.339	15.83	0.2396	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			2,328.67740	2,396.192	15.80	0.7833	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			409.67740	384.192	15.80	0.2167	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Call			1,436.82330	1,480.528	17.01	0.5229	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Put			1,617.82330	1,565.528	17.01	0.4771	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Call			1,517.76920	1,563.557	16.88	0.5436	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Put			1,498.76920	1,448.557	16.88	0.4564	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Call			1,476.76770	1,521.503	16.94	0.5332	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Put			1,557.76770	1,506.503	16.94	0.4668	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Put			2,092.24080	2,037.179	17.93	0.4813	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Call			1,841.16600	1,885.298	17.83	0.5350	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Put			1,968.16600	1,916.298	17.83	0.4650	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Call			1,802.79360	1,845.319	17.88	0.5268	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Put			2,029.79360	1,976.319	17.88	0.4732	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Call			1,765.24080	1,806.179	17.93	0.5187	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Put			2,340.01030	2,285.237	18.19	0.4690	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Call			2,045.66130	2,087.318	18.25	0.5241	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Put			2,402.66130	2,347.318	18.25	0.4759	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Call			2,009.03410	2,050.118	18.30	0.5171	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Put			2,466.03410	2,410.118	18.30	0.4829	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Call			2,083.01030	2,125.237	18.19	0.5310	0.00	0	0
Total DKK / R Option												0.00	0	0
Total DKK / R												0.00	0	240
HK\$/R	On	14/12/2018	Foreign Exchange Future			1.87430		1.86600			0.0000	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.89980		1.89150			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.92300		1.91470			0.0000	0.00	0	0
Total HK\$/R Future												0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Call			3,064.48610	3,147.295	22.30	0.9914	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.56	Put			4.48610	4.295	22.30	0.0086	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Call			2,964.93030	3,047.738	21.88	0.9905	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.57	Put			4.93030	4.738	21.88	0.0095	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Call			2,865.42510	2,948.232	21.46	0.9894	0.00	0	0
HK\$/R	On	14/12/2018	Foreign Exchange Option	1.58	Put			5.42510	5.232	21.46	0.0106	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			1,390.64440	1,446.369	17.12	0.7311	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			375.64440	348.369	17.12	0.2689	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			1,325.61880	1,379.392	17.16	0.7131	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			410.61880	381.392	17.16	0.2869	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			1,457.66880	1,515.301	17.08	0.7488	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			342.66880	317.301	17.08	0.2512	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			1,951.88390	2,012.241	17.13	0.7652	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			404.88390	382.241	17.13	0.2348	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			1,883.35130	1,942.018	17.16	0.7518	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			436.35130	412.018	17.16	0.2482	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			2,021.94570	2,083.953	17.11	0.7782	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			374.94570	353.953	17.11	0.2218	0.00	0	0
Total HK\$/R Option												0.00	0	0
Total HK\$/R												0.00	0	0
KES / R	On	14/12/2018	Foreign Exchange Future			0.14340		0.14310			0.0000	0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.14270		0.14290			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.14180		0.14280			0.0000	0.00	0	2,166
Total KES / R Future												0.00	0	2,166
Total KES / R												0.00	0	2,166
NOK/R	On	14/12/2018	Foreign Exchange Future			1.75470		1.75010			0.0000	0.00	0	0
NOK/R	On	18/03/2019	Foreign Exchange Future			1.78370		1.77920			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.81050		1.80600			0.0000	0.00	0	0
Total NOK/R Future												0.00	0	0
Total NOK/R												0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Future			9.65120		9.55670			0.0000	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			9.78050		9.68520			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.90410		9.80730			0.0000	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Future			10.04310		9.94410			0.0000	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Future			10.56290		10.45980			0.0000	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Future			10.72420		10.62070			0.0000	0.00	0	0
Total NZ\$ / R Future												0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Call			649.26260	736.860	15.11	0.9319	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.93	Put			22.56260	15.660	15.11	0.0681	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Call			640.17450	727.523	15.09	0.9294	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.94	Put			23.47450	16.323	15.09	0.0706	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Call			658.38110	746.221	15.13	0.9344	0.00	0	0
NZ\$ / R	On	14/12/2018	Foreign Exchange Option	8.92	Put			21.68110	15.021	15.13	0.0656	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			433.97920	488.066	14.67	0.6300	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			278.77920	237.566	14.67	0.3700	0.00	0	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			428.81010	482.455	14.68	0.6255	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			283.61010	241.955	14.68	0.3745	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			439.19540	493.724	14.66	0.6345	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			273.99540	233.224	14.66	0.3655	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			430.08890	471.988	15.40	0.5189	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			542.78890	487.888	15.40	0.4811	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			426.30530	467.881	15.42	0.5157	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			549.00530	493.781	15.42	0.4843	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			433.90450	476.131	15.38	0.5222	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			536.60450	482.031	15.38	0.4778	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Call			631.60660	682.469	15.48	0.5845	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Put			527.50660	479.369	15.48	0.4155	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Call			627.13240	677.712	15.49	0.5817	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Put			533.03240	484.612	15.49	0.4183	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Call			622.68670	672.988	15.51	0.5790	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Put			538.58670	489.888	15.51	0.4210	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Call			782.77330	834.173	16.39	0.5809	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Put			672.97330	621.273	16.39	0.4191	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Call			778.46730	829.631	16.40	0.5787	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Put			678.66730	626.731	16.40	0.4213	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Call			787.09790	838.739	16.38	0.5831	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Put			667.29790	615.839	16.38	0.4169	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Call			887.65870	939.098	16.77	0.5777	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Put			786.95870	734.898	16.77	0.4223	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Call			883.42520	934.658	16.78	0.5758	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Put			792.72520	740.458	16.78	0.4242	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Call			891.90720	943.563	16.76	0.5796	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Put			781.20720	729.363	16.76	0.4204	0.00	0	0
Total NZ\$ / R Option												0.00	0	0
Total NZ\$ / R												0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Future			1.35280		1.35440			0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Future			1.36070		1.36230			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.36680		1.36830			0.0000	0.00	0	0
Total PULA / R Future												0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Call			944.00000	928.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.26	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.27	Call			844.00000	828.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.27	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.25	Call			1,044.00000	1,028.000		1.0000	0.00	0	0
PULA / R	On	14/12/2018	Foreign Exchange Option	1.25	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Call			223.00000	207.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Call			123.00000	107.000		1.0000	0.00	0	0

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
PULA / R	On	18/03/2019		Foreign Exchange Option	1.35	Put		0.00000	0.000	0.0000	0.00	0	0
PULA / R	On	18/03/2019		Foreign Exchange Option	1.33	Call	323.00000	307.000	1.0000	1.0000	0.00	0	0
PULA / R	On	18/03/2019		Foreign Exchange Option	1.33	Put	0.00000	0.000	0.0000	0.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.32	Call	483.00000	468.000	1.0000	1.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.32	Put	0.00000	0.000	0.0000	0.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.33	Call	383.00000	368.000	1.0000	1.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.33	Put	0.00000	0.000	0.0000	0.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.31	Call	583.00000	568.000	1.0000	1.0000	0.00	0	0
PULA / R	On	14/06/2019		Foreign Exchange Option	1.31	Put	0.00000	0.000	0.0000	0.0000	0.00	0	0
Total PULA / R Option											0.00	0	0
Total PULA / R											0.00	0	0
QUANTO £	On	14/12/2018		Foreign Exchange Future	1.27670		1.28380			0.0000	0.00	0	250
Total QUANTO £ / \$ Future											0.00	0	250
Total QUANTO £ / \$											0.00	0	250
QUANTO €	On	14/12/2018		Foreign Exchange Future	1.14130		1.14220			0.0000	0.00	0	40
QUANTO €	On	18/03/2019		Foreign Exchange Future	1.15130		1.15250			0.0000	0.00	0	0
QUANTO €	On	14/06/2019		Foreign Exchange Future	1.16050		1.16180			0.0000	0.00	0	0
Total QUANTO € / \$ Future											0.00	0	40
Total QUANTO € / \$											0.00	0	40
R / ¥	EN	On	14/12/2018	Foreign Exchange Future	7.64850	0.12958	7.67150			0.0000	0.00	0	0
Total R / ¥EN Future											0.00	0	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.82	Call	0.12958	1,595.47890	1,259.572	18.48	0.3785	0.00	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.82	Put	0.12958	3,080.47890	2,974.572	18.48	0.6215	0.00	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.83	Call	0.12958	1,552.61250	1,218.774	18.42	0.3706	0.00	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.83	Put	0.12958	3,137.61250	3,033.774	18.42	0.6294	0.00	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.81	Call	0.12958	1,639.04120	1,301.166	18.53	0.3865	0.00	0
R / ¥	EN	On	14/12/2018	Foreign Exchange Option	7.81	Put	0.12958	3,024.04120	2,916.166	18.53	0.6135	0.00	0
Total R / ¥EN Option											0.00	0	0
Total R / ¥EN											0.00	0	0
SGD / R	On	14/12/2018		Foreign Exchange Future	10.62700		10.57780			0.0000	0.00	0	0
SGD / R	On	18/03/2019		Foreign Exchange Future	10.78300		10.73320			0.0000	0.00	0	0
SGD / R	On	14/06/2019		Foreign Exchange Future	10.92920		10.87850			0.0000	0.00	0	0
Total SGD / R Future											0.00	0	0
SGD / R	On	14/12/2018		Foreign Exchange Option	9.37	Call		1,212.46340	1,261.341	17.37	0.9819	0.00	0
SGD / R	On	14/12/2018		Foreign Exchange Option	9.37	Put		4.66340	4.341	17.37	0.0181	0.00	0

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Call			1,202.57490	1,251.448	17.31	0.9814	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.38	Put			4.77490	4.448	17.31	0.0186	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Call			1,222.35480	1,271.236	17.43	0.9823	0.00	0	0
SGD / R	On	14/12/2018	Foreign Exchange Option	9.36	Put			4.55480	4.236	17.43	0.0177	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Call			624.39380	655.168	15.19	0.6895	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.34	Put			231.19380	212.168	15.19	0.3105	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			618.43100	648.994	15.21	0.6857	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			235.23100	215.994	15.21	0.3143	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Call			630.39610	661.386	15.17	0.6933	0.00	0	0
SGD / R	On	18/03/2019	Foreign Exchange Option	10.33	Put			227.19610	208.386	15.17	0.3067	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Call			1,056.01350	1,093.903	15.12	0.7895	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.00	Put			177.51350	164.703	15.12	0.2105	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Call			1,048.72920	1,086.474	15.12	0.7871	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	10.01	Put			180.22920	167.274	15.12	0.2129	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Call			1,063.32880	1,101.360	15.12	0.7920	0.00	0	0
SGD / R	On	14/06/2019	Foreign Exchange Option	9.99	Put			174.82880	162.160	15.12	0.2080	0.00	0	0
Total SGD / R Option												0.00	0	0
Total SGD / R												0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Future			2.61020		2.57500			0.0000	0.00	0	6,000
TRY / R	On	18/03/2019	Foreign Exchange Future			2.50070		2.46580			0.0000	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Future			2.40770		2.36970			0.0000	0.00	0	0
Total TRY / R Future												0.00	0	6,000
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Call			6.16740	7.776	25.10	0.0776	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.97	Put			401.16740	367.576	25.10	0.9224	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Call			5.78810	7.276	25.21	0.0731	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.98	Put			410.78810	377.077	25.21	0.9269	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Call			6.57310	8.310	25.00	0.0824	0.00	0	0
TRY / R	On	14/12/2018	Foreign Exchange Option	2.96	Put			391.57310	358.110	25.00	0.9176	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			53.83320	63.538	23.07	0.3018	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			308.03320	282.838	23.07	0.6982	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			51.85080	61.272	23.12	0.2933	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			316.05080	290.572	23.12	0.7067	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			49.93670	59.080	23.16	0.2850	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			324.13670	298.380	23.16	0.7150	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			6.33110	7.768	26.36	0.0412	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,166.63110	1,130.068	26.36	0.9588	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			6.11820	7.513	26.36	0.0400	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,176.41820	1,139.813	26.36	0.9600	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			6.55110	8.031	26.36	0.0424	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			1,156.85110	1,120.331	26.36	0.9576	0.00	0	0
Total TRY / R Option												0.00	0	0

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total TRY / R									0.00	0	6,000
ZMW / R On 14/12/2018			1.19780		1.20120			0.0000	0.00	0	0
ZMW / R On 18/03/2019			1.12310		1.12750			0.0000	0.00	0	0
ZMW / R On 14/06/2019			1.07850		1.08320			0.0000	0.00	0	0
Total ZMW / R Future									0.00	0	0
Total ZMW / R									0.00	0	0
Total Futures									1 185 042 024.30	79,941	1,720,033
Total Options									2 679 415.40	22,700	9,221,361
Grand Total:									1,187,721,439.70	102,641	10,941,394