



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: 21/02/2019

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 21/02/2019 Foreign Exchange Future			14.02000		14.05850			0.0000	0.00	0	0
\$ / R On 25/02/2019 Foreign Exchange Future			14.02640		14.06490			0.0000	0.00	0	0
\$ / R On 26/02/2019 Foreign Exchange Future			14.02800		14.06650			0.0000	0.00	0	0
\$ / R On 28/02/2019 Foreign Exchange Future			14.03120		14.06970			0.0000	5,345,887.20	381	2,259
\$ / R On 04/03/2019 Foreign Exchange Future			14.03780		14.07630			0.0000	0.00	0	74
\$ / R On 05/03/2019 Foreign Exchange Future			14.03950		14.07800			0.0000	0.00	0	10,080
\$ / R On 11/03/2019 Foreign Exchange Future			14.04960		14.08810			0.0000	0.00	0	0
\$ / R On 18/03/2019 Foreign Exchange Future			14.06140		14.09980			0.0000	962,123,172.20	68,423	799,271
\$ / R On 22/03/2019 Foreign Exchange Future			14.06810		14.10650			0.0000	0.00	0	0
\$ / R On 27/03/2019 Foreign Exchange Future			14.07660		14.11500			0.0000	0.00	0	3,731
\$ / R On 29/03/2019 Foreign Exchange Future			14.08000		14.11850			0.0000	0.00	0	3,708
\$ / R On 02/04/2019 Foreign Exchange Future			14.08670		14.12530			0.0000	0.00	0	55
\$ / R On 04/04/2019 Foreign Exchange Future			14.09010		14.00920			0.0000	0.00	0	0
\$ / R On 05/04/2019 Foreign Exchange Future			14.09180		14.13040			0.0000	0.00	0	0
\$ / R On 15/04/2019 Foreign Exchange Future			14.10880		14.14750			0.0000	0.00	0	260
\$ / R On 26/04/2019 Foreign Exchange Future			14.12750		14.16630			0.0000	0.00	0	349
\$ / R On 29/04/2019 Foreign Exchange Future			14.13260		14.17150			0.0000	0.00	0	15
\$ / R On 30/04/2019 Foreign Exchange Future			14.13430		14.17320			0.0000	0.00	0	1,052
\$ / R On 09/05/2019 Foreign Exchange Future			14.14970		14.18870			0.0000	0.00	0	25,000
\$ / R On 13/05/2019 Foreign Exchange Future			14.15660		14.19560			0.0000	0.00	0	93
\$ / R On 20/05/2019 Foreign Exchange Future			14.16850		14.20770			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
\$ / R	On	29/05/2019	Foreign Exchange Future			14.18430		14.22370			0.0000	0.00	0	387
\$ / R	On	31/05/2019	Foreign Exchange Future			14.18780		14.22730			0.0000	0.00	0	416
\$ / R	On	03/06/2019	Foreign Exchange Future			14.19320		14.23260			0.0000	0.00	0	0
\$ / R	On	04/06/2019	Foreign Exchange Future			14.19500		14.23440			0.0000	0.00	0	74
\$ / R	On	10/06/2019	Foreign Exchange Future			14.20570		14.24510			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			14.21280		14.25220			0.0000	88,005,657.60	6,192	110,943
\$ / R	On	20/06/2019	Foreign Exchange Future			14.22350		14.26290			0.0000	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Future			14.23780		14.27710			0.0000	0.00	0	753
\$ / R	On	01/07/2019	Foreign Exchange Future			14.24320		14.28240			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			14.24670		14.28600			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			14.29680		14.33590			0.0000	0.00	0	430
\$ / R	On	01/08/2019	Foreign Exchange Future			14.29860		14.33770			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			14.32010		14.35930			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			14.35040		14.38980			0.0000	0.00	0	564
\$ / R	On	02/09/2019	Foreign Exchange Future			14.35570		14.39510			0.0000	0.00	0	55
\$ / R	On	04/09/2019	Foreign Exchange Future			14.35930		14.39870			0.0000	0.00	0	74
\$ / R	On	05/09/2019	Foreign Exchange Future			14.36110		14.40050			0.0000	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Future			14.38060		14.42020			0.0000	905,977.80	63	22,605
\$ / R	On	30/09/2019	Foreign Exchange Future			14.40550		14.44550			0.0000	0.00	0	53
\$ / R	On	02/10/2019	Foreign Exchange Future			14.40900		14.44920			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			14.46090		14.50160			0.0000	0.00	0	108
\$ / R	On	29/11/2019	Foreign Exchange Future			14.51340		14.55400			0.0000	0.00	0	52
\$ / R	On	02/12/2019	Foreign Exchange Future			14.51880		14.55960			0.0000	0.00	0	55
\$ / R	On	04/12/2019	Foreign Exchange Future			14.52240		14.56330			0.0000	0.00	0	321
\$ / R	On	13/12/2019	Foreign Exchange Future			14.53870		14.57990			0.0000	10,177,090.00	700	10,863
\$ / R	On	31/12/2019	Foreign Exchange Future			14.57120		14.61310			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			14.57480		14.61670			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			14.62750		14.66920			0.0000	0.00	0	55
\$ / R	On	28/02/2020	Foreign Exchange Future			14.67930		14.71940			0.0000	0.00	0	3,500
\$ / R	On	02/03/2020	Foreign Exchange Future			14.68490		14.72510			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			14.71100		14.75150			0.0000	0.00	0	4,566
\$ / R	On	02/04/2020	Foreign Exchange Future			14.74260		14.78350			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			14.79280		14.83440			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			14.85710		14.89930			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			14.87660		14.91880			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			14.96650		15.00860			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			15.06200		15.10450			0.0000	0.00	0	0
Total \$ / R Future												1,066,557,784.80	75,759	1,087,261
\$ / R	On	21/02/2019	Foreign Exchange Option	13.55	Call			508.68410	470.000	18.46	1.0000	0.00	0	0
\$ / R	On	21/02/2019	Foreign Exchange Option	13.55	Put			0.18410	0.000	18.46	0.0000	0.00	0	0
\$ / R	On	21/02/2019	Foreign Exchange Option	13.80	Call			262.58510	220.000	18.46	1.0000	0.00	0	0
\$ / R	On	21/02/2019	Foreign Exchange Option	13.80	Put			4.08510	0.000	18.46	0.0000	0.00	0	0
\$ / R	On	21/02/2019	Foreign Exchange Option	13.29	Put			0.01200	0.000	18.46	0.0000	0.00	0	0
\$ / R	On	21/02/2019	Foreign Exchange Option	13.29	Call			768.51200	730.000	18.46	1.0000	0.00	0	0
\$ / R	On	25/02/2019	Foreign Exchange Option	14.07	Put			108.91110	114.846	15.58	0.5723	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	25/02/2019	Foreign Exchange Option	14.07	Call		103.81110	71.246	15.58	0.4277	0.00	0	0
\$ / R	On	26/02/2019	Foreign Exchange Option	13.75	Put		25.19090	25.709	17.74	0.1649	0.00	0	25,000
\$ / R	On	26/02/2019	Foreign Exchange Option	13.75	Call		341.69090	303.709	17.74	0.8351	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put		0.16660	0.162	21.65	0.0013	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call		1,239.86660	1,201.362	21.65	0.9987	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call		1,070.15540	1,031.641	20.59	0.9964	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put		0.45540	0.441	20.59	0.0036	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call		74.22670	53.045	17.31	0.2632	0.00	0	600
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put		254.52670	271.845	17.31	0.7368	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put		1,202.46510	1,240.009	25.01	0.9924	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call		2.16510	1.209	25.01	0.0076	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Put		477.19930	506.124	19.08	0.9002	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call		26.89930	17.325	19.08	0.0998	0.00	0	500
\$ / R	On	28/02/2019	Foreign Exchange Option	14.75	Put		691.20430	725.407	20.59	0.9588	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.75	Call		10.90430	6.607	20.59	0.0412	0.00	0	600
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Call		88.66910	64.773	16.98	0.3097	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Put		218.96910	233.573	16.98	0.6903	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Put		1,561.06810	1,599.205	27.65	0.9974	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Call		0.76810	0.405	27.65	0.0026	0.00	0	250
\$ / R	On	28/02/2019	Foreign Exchange Option	13.70	Call		397.02710	358.603	17.21	0.8448	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.70	Put		27.32710	27.403	17.21	0.1552	0.00	0	600
\$ / R	On	04/03/2019	Foreign Exchange Option	14.34	Put		339.61250	358.978	16.88	0.7618	0.00	0	0
\$ / R	On	04/03/2019	Foreign Exchange Option	14.34	Call		75.91250	56.778	16.88	0.2382	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.70	Put		39.81810	43.359	15.80	0.1925	0.00	0	100,000
\$ / R	On	05/03/2019	Foreign Exchange Option	13.70	Call		417.81810	382.859	15.80	0.8075	0.00	0	100,000
\$ / R	On	05/03/2019	Foreign Exchange Option	13.45	Call		637.54120	601.126	15.81	0.9346	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.45	Put		9.54120	11.626	15.81	0.0654	0.00	0	100,000
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Put		383.71640	404.634	17.20	0.7809	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Call		71.71640	54.134	17.20	0.2191	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.50	Put		13.15760	15.538	15.81	0.0835	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.50	Call		591.15760	555.038	15.81	0.9165	0.00	0	50,000
\$ / R	On	05/03/2019	Foreign Exchange Option	13.40	Put		6.78340	8.577	15.81	0.0504	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.40	Call		684.78340	648.077	15.81	0.9496	0.00	0	50,000
\$ / R	On	11/03/2019	Foreign Exchange Option	15.15	Put		1,077.56960	1,111.778	19.82	0.9546	0.00	0	0
\$ / R	On	11/03/2019	Foreign Exchange Option	15.15	Call		15.66960	11.378	19.82	0.0454	0.00	0	27,500
\$ / R	On	11/03/2019	Foreign Exchange Option	13.94	Call		281.70040	251.335	15.45	0.5969	0.00	0	0
\$ / R	On	11/03/2019	Foreign Exchange Option	13.94	Put		133.60040	141.735	15.45	0.4031	0.00	0	27,500
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Put		104.18620	111.610	15.23	0.3054	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Put		2,920.94060	2,959.279	25.65	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Call		0.74060	0.679	25.65	0.0025	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Put		3,000.95830	3,039.298	26.28	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Call		0.75830	0.698	26.28	0.0025	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Put		3,130.98900	3,169.330	27.31	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Call		0.78900	0.730	27.31	0.0025	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Call		269.47160	242.874	15.82	0.5229	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Put		209.67160	221.474	15.82	0.4771	0.00	0	7,100

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	18.00	Put			3,901.21880	3,939.568	33.39	0.9973	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			1.01880	0.968	33.39	0.0027	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Put			4,301.24520	4,339.492	35.76	0.9976	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Call			1.04520	0.892	35.76	0.0024	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Call			35.66840	28.119	19.88	0.0855	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Put			1,055.86840	1,086.719	19.88	0.9145	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Call			31.07120	24.237	20.10	0.0747	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Put			1,121.27120	1,152.837	20.10	0.9253	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Put			2,870.93000	2,909.268	25.25	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Call			0.73000	0.668	25.25	0.0025	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Put			2,860.92790	2,899.265	25.17	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Call			0.72790	0.665	25.17	0.0025	0.00	0	12,600
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Call			34.97150	27.527	19.91	0.0839	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Put			1,065.17150	1,096.127	19.91	0.9161	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Call			462.26530	430.228	15.06	0.7400	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Put			82.46530	88.828	15.06	0.2600	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Put			2,481.66690	2,519.734	23.65	0.9957	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Call			1.46690	1.134	23.65	0.0043	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Call			41.77660	33.328	19.63	0.0996	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Put			981.97660	1,011.928	19.63	0.9004	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Put			3,201.00650	3,239.349	27.86	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Call			0.80650	0.749	27.86	0.0025	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Call			592.71880	558.458	14.66	0.8377	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Put			42.91880	47.058	14.66	0.1623	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Call			1,057.24360	1,019.530	15.89	0.9653	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Put			7.44360	8.130	15.89	0.0347	0.00	0	1,155
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Put			2,202.96800	2,240.680	22.97	0.9924	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Call			2.76800	2.080	22.97	0.0076	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Put			1,417.17970	1,451.110	21.03	0.9593	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Call			16.97970	12.510	21.03	0.0407	0.00	0	3,050
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Call			959.86320	922.083	15.32	0.9546	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Put			10.06320	10.683	15.32	0.0454	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Call			634.30930	599.493	14.54	0.8621	0.00	0	145
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Put			34.50930	38.093	14.54	0.1379	0.00	0	7,550
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Call			552.51940	518.858	14.78	0.8111	0.00	0	500
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Put			52.71940	57.458	14.78	0.1889	0.00	0	6,570
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Call			88.36970	74.899	18.32	0.2028	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Put			638.56970	663.499	18.32	0.7972	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Call			37.10540	29.339	19.82	0.0888	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Put			1,037.30540	1,067.939	19.82	0.9112	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Call			787.15240	749.081	14.30	0.9259	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Put			17.35240	17.681	14.30	0.0741	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Put			1,436.43830	1,470.556	21.08	0.9609	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Call			16.23830	11.956	21.08	0.0391	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Put			1,738.27180	1,774.529	21.83	0.9796	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Call			8.07180	5.929	21.83	0.0204	0.00	0	135,043

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	14.99	Put		936.31940	965.664	19.48	0.8905	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Call		46.11940	37.064	19.48	0.1095	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Call		201.77160	179.780	16.46	0.4183	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Put		301.97160	318.380	16.46	0.5817	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Put		1,885.93860	1,922.831	22.20	0.9851	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Call		5.73860	4.231	22.20	0.0149	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Call		127.78120	110.840	17.49	0.2834	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Put		477.98120	499.440	17.49	0.7166	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Call		65.82300	54.279	18.91	0.1531	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Put		776.02300	802.879	18.91	0.8469	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Put		945.41620	974.885	19.51	0.8925	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Call		45.21620	36.285	19.51	0.1075	0.00	0	1,260
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Call		721.25100	685.434	14.30	0.9042	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Put		21.45100	24.034	14.30	0.0958	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Call		135.04160	117.531	17.37	0.2976	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Put		455.24160	476.131	17.37	0.7024	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Call		1,303.32620	1,265.600	17.30	0.9821	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Put		3.52620	4.200	17.30	0.0179	0.00	0	7,520
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Put		1,149.49050	1,181.343	20.19	0.9295	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Call		29.29050	22.743	20.19	0.0705	0.00	0	2,785
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Call		375.29560	345.292	15.37	0.6542	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Put		125.49560	133.891	15.37	0.3458	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call		13.57280	9.974	21.27	0.0331	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put		1,513.77280	1,548.574	21.27	0.9669	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Put		1,320.80230	1,354.158	20.75	0.9502	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Call		20.60230	15.558	20.75	0.0498	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Put		767.33320	794.038	18.88	0.8440	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Call		67.13320	55.438	18.88	0.1560	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.25	Put		334.52450	351.991	16.67	0.6117	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.25	Call		184.32450	163.390	16.67	0.3883	0.00	0	750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Call		536.85010	503.443	14.82	0.8000	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Put		57.05010	62.043	14.82	0.2000	0.00	0	6,432
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Put		485.64680	507.292	17.53	0.7212	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Call		125.44680	108.692	17.53	0.2788	0.00	0	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	13.82	Call		394.32580	363.830	15.30	0.6746	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.82	Put		114.52580	122.430	15.30	0.3254	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call		0.81420	0.757	28.10	0.0025	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put		3,231.01420	3,269.357	28.10	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	19.65	Put		5,550.28190	5,588.667	35.76	0.9998	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call		0.08190	0.067	35.76	0.0002	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.95	Put		166.63960	176.773	15.60	0.4148	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.95	Call		316.43960	288.173	15.60	0.5852	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.18	Put		2,083.83800	2,121.310	22.68	0.9902	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.18	Call		3.63800	2.710	22.68	0.0098	0.00	0	1,800
\$ / R	On	18/03/2019	Foreign Exchange Option	15.25	Put		1,177.81480	1,209.944	20.29	0.9334	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.25	Call		27.61480	21.344	20.29	0.0666	0.00	0	1,500

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call		24.07690	18.410	20.50	0.0581	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put		1,244.27690	1,277.010	20.50	0.9419	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call		23.61130	18.026	20.54	0.0570	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put		1,253.81130	1,286.626	20.54	0.9430	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call		24.55260	18.803	20.47	0.0593	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put		1,234.75260	1,267.403	20.47	0.9407	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call		264.59850	238.192	15.84	0.5161	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put		214.79850	226.792	15.84	0.4839	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call		2,299.92100	2,261.564	21.31	0.9992	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put		0.12100	0.164	21.31	0.0008	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call		2,040.09690	2,001.797	20.34	0.9982	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put		0.29690	0.397	20.34	0.0018	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put		27.38260	30.457	14.42	0.1157	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call		677.18260	641.857	14.42	0.8843	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call		2,599.84270	2,561.458	22.43	0.9997	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put		0.04270	0.058	22.43	0.0003	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call		3,769.80000	3,731.400	18.76	1.0000	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put		0.00000	0.000	18.76	0.0000	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call		2,359.89830	2,321.533	21.53	0.9994	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put		0.09830	0.133	21.53	0.0006	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put		501.10480	523.120	17.61	0.7302	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call		120.90480	104.520	17.61	0.2698	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call		1,342.93220	1,305.190	17.53	0.9838	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put		3.13220	3.790	17.53	0.0162	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call		441.16550	409.574	15.13	0.7208	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put		91.36550	98.174	15.13	0.2792	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put		909.13970	938.103	19.38	0.8841	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call		48.93970	39.503	19.38	0.1159	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put		1,130.66580	1,162.328	20.13	0.9267	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call		30.46580	23.728	20.13	0.0733	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call		668.51090	633.283	14.44	0.8800	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put		28.71090	31.883	14.44	0.1200	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put		1,368.89950	1,402.610	20.91	0.9548	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call		18.69950	14.010	20.91	0.0452	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put		368.48940	386.994	16.87	0.6402	0.00	0	3,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call		168.28940	148.394	16.87	0.3598	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put		1,455.72790	1,490.026	21.13	0.9625	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call		15.52790	11.426	21.13	0.0375	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call		1,631.00680	1,592.978	18.82	0.9931	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put		1.20680	1.578	18.82	0.0069	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call		369.09280	339.256	15.39	0.6474	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put		129.29280	137.856	15.39	0.3526	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call		1,591.18210	1,553.203	18.67	0.9922	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put		1.38210	1.803	18.67	0.0078	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call		344.98530	315.832	15.49	0.6199	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put		145.18530	154.432	15.49	0.3801	0.00	0	720

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	15.17	Put			1,102.51920	1,133.887	20.04	0.9223	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call			32.31920	25.287	20.04	0.0777	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put			2,980.95380	3,019.293	26.12	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call			0.75380	0.693	26.12	0.0025	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call			130.15690	113.028	17.45	0.2881	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put			470.35690	491.628	17.45	0.7119	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			1,106.20490	1,068.506	16.17	0.9697	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			6.40490	7.106	16.17	0.0303	0.00	0	15,434
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			1,204.54810	1,166.849	16.74	0.9767	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			4.74810	5.449	16.74	0.0233	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			289.65220	262.300	15.72	0.5505	0.00	0	100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			189.85220	200.900	15.72	0.4495	0.00	0	29,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			174.53930	154.232	16.79	0.3710	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			354.73930	372.832	16.79	0.6290	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			110.24940	94.765	17.82	0.2484	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			540.44940	563.366	17.82	0.7516	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,378.54150	1,412.296	20.93	0.9558	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			18.34150	13.696	20.93	0.0442	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Put			2,990.95610	3,029.295	26.20	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			0.75610	0.695	26.20	0.0025	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			64.53790	53.145	18.95	0.1504	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			784.73790	811.745	18.95	0.8496	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,797.24310	1,833.779	21.98	0.9820	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			7.04310	5.179	21.98	0.0180	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			3,401.06020	3,439.405	29.44	0.9975	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			0.86020	0.805	29.44	0.0025	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call			153.57740	134.696	17.08	0.3328	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put			403.77740	423.296	17.08	0.6672	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put			1,572.05850	1,607.306	21.42	0.9708	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call			11.85850	8.706	21.42	0.0292	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			2,501.60220	2,539.686	23.70	0.9959	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			1.40220	1.086	23.70	0.0041	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call			104.31250	89.353	17.94	0.2362	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put			564.51250	587.953	17.94	0.7638	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			2,034.27710	2,071.628	22.56	0.9891	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			4.07710	3.028	22.56	0.0109	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call			1,184.84030	1,147.144	16.62	0.9755	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put			5.04030	5.744	16.62	0.0245	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call			116.52440	100.505	17.70	0.2611	0.00	0	225,780
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put			516.72440	539.105	17.70	0.7389	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			1,905.68310	1,942.646	22.24	0.9857	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			5.48310	4.046	22.24	0.0143	0.00	0	1,906
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call			988.99170	951.237	15.49	0.9582	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put			9.19170	9.837	15.49	0.0418	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Put			1,718.64650	1,754.802	21.78	0.9787	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Call			8.44650	6.202	21.78	0.0213	0.00	0	10

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	13.36	Call			758.80300	721.088	14.21	0.9185	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Put			19.00300	19.688	14.21	0.0815	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call			863.41750	825.507	14.75	0.9405	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put			13.61750	14.107	14.75	0.0595	0.00	0	225,407
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Put			2,282.50760	2,320.346	23.17	0.9936	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Call			2.30760	1.746	23.17	0.0064	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Call			476.66510	444.340	15.01	0.7525	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Put			76.86510	82.940	15.01	0.2475	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Call			63.27640	52.034	18.98	0.1476	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Put			793.47640	820.634	18.98	0.8524	0.00	0	10,010
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Call			491.32780	458.722	14.96	0.7648	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Put			71.52780	77.322	14.96	0.2352	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Call			74.91290	62.812	18.69	0.1738	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Put			715.11290	741.412	18.69	0.8262	0.00	0	24,325
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Call			62.04010	50.945	19.01	0.1449	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Put			802.24010	829.545	19.01	0.8551	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Call			413.98620	383.010	15.23	0.6946	0.00	0	0
\$ / R	On	22/03/2019	Foreign Exchange Option	13.80	Put			123.28640	131.359	15.46	0.3215	0.00	0	0
\$ / R	On	22/03/2019	Foreign Exchange Option	13.80	Call			429.78640	399.458	15.46	0.6785	0.00	0	30,000
\$ / R	On	22/03/2019	Foreign Exchange Option	14.20	Put			318.79520	334.773	16.59	0.5699	0.00	0	0
\$ / R	On	22/03/2019	Foreign Exchange Option	14.20	Call			225.29520	202.873	16.59	0.4301	0.00	0	30,000
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put			0.92270	1.205	18.20	0.0048	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call			1,905.92270	1,867.805	18.20	0.9952	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Call			338.75930	312.505	15.94	0.5543	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Put			223.75930	235.905	15.94	0.4457	0.00	0	65,000
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Call			157.99790	140.606	17.65	0.3004	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Put			542.99790	564.006	17.65	0.6996	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Call			404.78170	376.668	15.69	0.6247	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Put			169.78170	180.068	15.69	0.3753	0.00	0	32,000
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Put			1,693.11550	1,727.381	21.24	0.9540	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Call			21.61550	17.381	21.24	0.0460	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.40	Put			476.10360	495.365	17.34	0.6500	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.40	Call			194.60360	175.365	17.34	0.3500	0.00	0	600
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put			1,352.62740	1,384.621	20.72	0.9153	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call			41.12740	34.621	20.72	0.0847	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Call			261.03660	238.243	16.62	0.4457	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Put			342.53660	358.243	16.62	0.5543	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call			242.66440	220.783	16.80	0.4203	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put			374.16440	390.783	16.80	0.5797	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	13.45	Call			719.21590	685.013	14.82	0.8430	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.45	Put			50.71590	55.013	14.82	0.1570	0.00	0	600
\$ / R	On	29/03/2019	Foreign Exchange Option	13.87	Put			173.27190	183.290	15.75	0.3712	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.87	Call			421.77190	393.290	15.75	0.6288	0.00	0	600
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put			12.41360	14.779	15.69	0.0500	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call			1,130.91360	1,094.779	15.69	0.9500	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put			682.00870	705.528	18.33	0.7532	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	14.67	Call		130.50870	115.528	18.33	0.2468	0.00	0	500
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put		16.80230	18.795	15.14	0.0605	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call		1,092.10230	1,055.495	15.14	0.9395	0.00	0	0
\$ / R	On	04/04/2019	Foreign Exchange Option	14.00	Put		0.00000	262.034	16.05	0.4423	0.00	0	0
\$ / R	On	04/04/2019	Foreign Exchange Option	14.00	Call		0.00000	352.134	16.05	0.5577	10,564,029.00	30,000	30,000
\$ / R	On	05/04/2019	Foreign Exchange Option	13.76	Put		151.90770	160.179	15.58	0.3184	0.00	0	100
\$ / R	On	05/04/2019	Foreign Exchange Option	13.76	Call		522.30770	491.979	15.58	0.6816	0.00	0	0
\$ / R	On	05/04/2019	Foreign Exchange Option	14.35	Put		460.25870	478.655	17.14	0.6099	0.00	0	0
\$ / R	On	05/04/2019	Foreign Exchange Option	14.35	Call		240.65870	220.455	17.14	0.3901	0.00	0	100
\$ / R	On	15/04/2019	Foreign Exchange Option	14.11	Put		335.88020	349.434	16.27	0.4882	0.00	0	0
\$ / R	On	15/04/2019	Foreign Exchange Option	14.11	Call		373.38020	348.234	16.27	0.5118	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Put		1,033.58110	1,054.940	18.99	0.7726	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Call		159.88110	142.440	18.99	0.2274	0.00	0	0
\$ / R	On	29/04/2019	Foreign Exchange Option	14.11	Put		375.79060	385.599	16.44	0.4769	0.00	0	0
\$ / R	On	29/04/2019	Foreign Exchange Option	14.11	Call		437.29060	408.199	16.44	0.5231	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put		1,533.79510	1,560.018	20.36	0.8613	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call		96.99510	84.318	20.36	0.1387	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Put		1,853.71010	1,882.860	21.03	0.9020	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Call		66.91010	57.160	21.03	0.0980	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put		878.66490	897.071	18.48	0.7160	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call		211.86490	191.370	18.48	0.2840	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call		384.00140	356.585	16.86	0.4698	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put		460.80140	472.285	16.86	0.5302	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call		1,209.80680	1,171.516	14.66	0.9121	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put		36.60680	37.216	14.66	0.0879	0.00	0	3,000
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put		124.43920	128.576	15.29	0.2296	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call		807.63920	772.876	15.29	0.7704	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Call		403.77940	375.765	16.72	0.4888	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Put		430.57940	441.465	16.72	0.5112	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put		28.83650	29.168	14.56	0.0720	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call		1,282.03650	1,243.468	14.56	0.9280	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.86	Put		279.02890	287.097	16.22	0.3764	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.86	Call		607.72890	576.797	16.22	0.6236	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.72	Put		220.63450	227.834	15.95	0.3236	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.72	Call		689.33450	657.534	15.95	0.6764	0.00	0	50,000
\$ / R	On	09/05/2019	Foreign Exchange Option	14.20	Put		453.04750	464.316	16.89	0.5028	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	14.20	Call		441.74750	414.016	16.89	0.4972	0.00	0	50,000
\$ / R	On	13/05/2019	Foreign Exchange Option	14.04	Put		374.35630	383.687	16.59	0.4424	0.00	0	0
\$ / R	On	13/05/2019	Foreign Exchange Option	14.04	Call		529.95630	500.287	16.59	0.5576	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	15.50	Put		1,453.38350	1,476.539	20.15	0.8047	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	15.50	Call		161.08350	145.039	20.15	0.1953	0.00	0	21,000
\$ / R	On	20/05/2019	Foreign Exchange Option	14.25	Put		508.25970	520.076	17.19	0.5103	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	14.25	Call		465.95970	438.576	17.19	0.4897	0.00	0	61,000
\$ / R	On	20/05/2019	Foreign Exchange Option	15.25	Put		1,240.79160	1,261.820	19.57	0.7634	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	15.25	Call		198.49160	180.320	19.57	0.2366	0.00	0	40,000
\$ / R	On	29/05/2019	Foreign Exchange Option	14.23	Put		510.31520	524.605	17.17	0.4968	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	29/05/2019	Foreign Exchange Option	14.23	Call			504.01520	478.905	17.17	0.5032	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call			502.81040	477.886	17.21	0.4984	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put			525.51040	540.086	17.21	0.5016	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put			1,711.21770	1,737.445	20.65	0.8267	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call			148.51770	135.245	20.65	0.1733	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Call			523.94050	497.988	17.10	0.5139	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Put			496.64050	510.188	17.10	0.4861	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call			1,297.75020	1,262.641	15.31	0.8720	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put			70.45020	74.841	15.31	0.1280	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put			1,056.77400	1,077.240	18.97	0.6987	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call			274.07400	255.040	18.97	0.3013	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Put			2,034.43820	2,062.930	21.31	0.8668	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Call			111.73820	100.730	21.31	0.1332	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put			94.43980	99.820	15.45	0.1601	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call			1,181.73980	1,147.620	15.45	0.8399	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put			16.76430	17.715	16.68	0.0347	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call			2,109.36430	2,070.915	16.68	0.9653	0.00	0	0
\$ / R	On	04/06/2019	Foreign Exchange Option	14.51	Put			695.06100	711.379	17.74	0.5737	0.00	0	0
\$ / R	On	04/06/2019	Foreign Exchange Option	14.51	Call			419.46100	396.379	17.74	0.4263	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.25	Call			533.33560	507.707	17.08	0.5053	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.25	Put			538.23560	552.007	17.08	0.4947	0.00	0	18,000
\$ / R	On	10/06/2019	Foreign Exchange Option	13.83	Put			321.27250	332.070	16.29	0.3648	0.00	0	45,000
\$ / R	On	10/06/2019	Foreign Exchange Option	13.83	Call			736.37250	707.770	16.29	0.6352	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.06	Call			618.07290	590.776	16.71	0.5630	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.06	Put			432.97290	445.076	16.71	0.4370	0.00	0	18,000
\$ / R	On	10/06/2019	Foreign Exchange Option	14.15	Call			576.52490	549.731	16.88	0.5353	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.15	Put			481.42490	494.031	16.88	0.4647	0.00	0	18,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put			106.12970	110.948	15.33	0.1657	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put			755.23400	771.264	17.81	0.5823	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call			427.43400	404.064	17.81	0.4177	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put			1,722.74760	1,747.919	20.40	0.8094	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call			174.94760	160.719	20.40	0.1906	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call			3,564.11230	3,524.932	19.85	0.9958	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put			624.18370	638.658	17.37	0.5290	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call			503.86740	478.785	17.33	0.4766	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put			611.66740	625.985	17.33	0.5234	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.30	Put			144.29960	150.226	15.50	0.2082	0.00	0	143,800
\$ / R	On	14/06/2019	Foreign Exchange Option	15.60	Put			1,550.08450	1,574.278	20.03	0.7823	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.60	Call			202.28450	187.078	20.03	0.2177	0.00	0	143,800
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call			500.11320	475.108	17.35	0.4738	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put			617.91320	632.308	17.35	0.5262	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call			496.38370	471.458	17.37	0.4710	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.00	Call			313.01140	292.791	18.73	0.3209	1,463,957.00	5,000	17,500
\$ / R	On	14/06/2019	Foreign Exchange Option	13.50	Put			200.15580	207.530	15.69	0.2634	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.50	Call			952.35580	920.330	15.69	0.7366	2,300,826.00	2,500	10,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.30	Put			1,298.77830	1,320.613	19.38	0.7355	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	15.30	Call			250.97830	233.413	19.38	0.2645	0.00	0	14,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.30	Call			1,096.49960	1,063.026	15.50	0.7918	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.65	Put			44.40400	45.584	15.36	0.0800	0.00	0	1,050
\$ / R	On	14/06/2019	Foreign Exchange Option	13.60	Put			234.05030	243.245	15.88	0.2935	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.60	Call			886.25030	856.045	15.88	0.7065	0.00	0	700
\$ / R	On	14/06/2019	Foreign Exchange Option	13.10	Call			1,252.42670	1,217.663	15.31	0.8413	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.10	Put			100.22670	104.863	15.31	0.1587	0.00	0	14,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.00	Put			1,060.81140	1,079.991	18.73	0.6791	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.25	Put			132.21590	137.806	15.45	0.1952	0.00	0	4,582
\$ / R	On	14/06/2019	Foreign Exchange Option	14.25	Call			547.06250	521.106	17.08	0.5080	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.25	Put			544.86250	558.306	17.08	0.4920	0.00	0	1,282
\$ / R	On	14/06/2019	Foreign Exchange Option	14.30	Call			526.99530	501.436	17.19	0.4936	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.30	Put			574.79530	588.636	17.19	0.5064	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.65	Call			1,646.60400	1,608.384	15.36	0.9200	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.20	Put			516.13160	528.711	16.97	0.4774	0.00	0	13,600
\$ / R	On	14/06/2019	Foreign Exchange Option	15.89	Put			1,801.43770	1,827.225	20.56	0.8206	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.89	Call			163.63770	150.025	20.56	0.1794	0.00	0	6,800
\$ / R	On	14/06/2019	Foreign Exchange Option	14.35	Put			605.45270	619.690	17.30	0.5206	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.35	Call			507.65270	482.490	17.30	0.4794	0.00	0	1,050
\$ / R	On	14/06/2019	Foreign Exchange Option	13.25	Call			1,134.41590	1,100.606	15.45	0.8048	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.50	Call			217.22000	201.261	19.81	0.2323	0.00	0	145,182
\$ / R	On	14/06/2019	Foreign Exchange Option	14.07	Call			627.20040	599.665	16.74	0.5616	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.07	Put			445.00040	456.865	16.74	0.4384	0.00	0	39,589
\$ / R	On	14/06/2019	Foreign Exchange Option	13.90	Put			360.12330	371.041	16.43	0.3862	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.90	Call			712.32330	683.841	16.43	0.6138	0.00	0	100
\$ / R	On	14/06/2019	Foreign Exchange Option	14.20	Call			568.33160	541.511	16.97	0.5226	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.65	Put			803.48890	820.051	17.97	0.5999	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.32	Put			1,315.15240	1,337.151	19.42	0.7389	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.32	Call			247.35240	229.951	19.42	0.2611	0.00	0	1,980
\$ / R	On	14/06/2019	Foreign Exchange Option	16.09	Put			1,979.06350	2,006.131	20.91	0.8432	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	16.09	Call			141.26350	128.931	20.91	0.1568	0.00	0	6,800
\$ / R	On	14/06/2019	Foreign Exchange Option	15.50	Put			1,465.02000	1,488.461	19.81	0.7677	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Put			789.58250	805.993	17.92	0.5949	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Put			3,751.91850	3,785.912	24.57	0.9499	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Call			44.11850	38.712	24.57	0.0501	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	15.64	Put			1,584.44060	1,608.928	20.12	0.7878	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.64	Call			196.64060	181.728	20.12	0.2122	0.00	0	39,589
\$ / R	On	14/06/2019	Foreign Exchange Option	14.65	Call			405.68890	382.851	17.97	0.4001	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			481.74750	457.136	17.46	0.4600	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Put			1,898.68560	1,925.191	20.76	0.8335	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Call			150.88560	137.991	20.76	0.1665	0.00	0	20
\$ / R	On	14/06/2019	Foreign Exchange Option	14.00	Call			661.10860	633.185	16.61	0.5830	3,165,925.00	5,000	21,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.00	Put			408.90860	420.385	16.61	0.4170	0.00	0	301,700
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Call			411.78250	388.793	17.92	0.4051	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put			350.76270	361.571	16.39	0.3800	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put			1,567.23850	1,591.581	20.07	0.7851	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	15.62	Call		199.43850	184.381	20.07	0.2149	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Put		1,138.45380	1,158.549	18.95	0.6990	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Call		290.65380	271.349	18.95	0.3010	0.00	0	1,500
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put		649.54750	664.336	17.46	0.5400	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call		160.04820	146.633	20.61	0.1758	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call		750.15450	721.278	16.30	0.6355	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put		327.95450	338.478	16.30	0.3645	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Call		1,334.45200	1,299.106	15.21	0.8635	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Put		82.25200	86.306	15.21	0.1365	0.00	0	165,703
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call		722.96270	694.371	16.39	0.6200	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put		129.88850	135.411	15.44	0.1926	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put		925.36130	943.190	18.34	0.6402	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call		357.56130	335.990	18.34	0.3598	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put		398.88960	410.255	16.57	0.4109	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call		671.08960	643.055	16.57	0.5891	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put		1,827.84820	1,853.833	20.61	0.8242	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call		1,228.32970	1,193.748	15.33	0.8343	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call		1,553.81920	1,515.446	15.13	0.9086	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put		51.61920	52.646	15.13	0.0914	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put		1,507.40100	1,531.224	19.92	0.7751	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call		209.60100	194.023	19.92	0.2249	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call		1,142.08850	1,108.211	15.44	0.8074	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put		1.91230	2.132	19.85	0.0042	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call		1,997.27170	1,959.325	16.23	0.9519	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put		25.07170	26.526	16.23	0.0481	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call		1,351.16000	1,315.702	15.19	0.8678	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put		78.96000	82.902	15.19	0.1322	0.00	0	911
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Put		858.34810	875.056	18.03	0.6109	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Call		401.24810	378.556	18.03	0.3891	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Put		3,028.53260	3,060.736	22.82	0.9196	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Call		71.43260	64.236	22.82	0.0804	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Put		2,184.50920	2,211.805	21.03	0.8504	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Call		141.60920	129.605	21.03	0.1496	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call		589.46070	562.172	16.96	0.5165	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put		562.36070	574.372	16.96	0.4835	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put		1,863.99580	1,889.085	20.43	0.8125	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call		310.06420	290.458	18.90	0.3040	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call		181.09580	166.885	20.43	0.1875	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Call		610.91640	583.277	16.87	0.5305	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Put		533.81640	545.477	16.87	0.4695	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put		93.61610	97.348	15.12	0.1436	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call		1,370.71610	1,335.148	15.12	0.8564	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put		1,202.96420	1,222.658	18.90	0.6960	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put		134.24360	138.954	15.27	0.1871	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call		1,226.64360	1,192.154	15.27	0.8129	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put		2,292.02690	2,319.678	21.13	0.8562	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	03/07/2019	Foreign Exchange Option	16.44	Call			138.02690	126.378	21.13	0.1438	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call			1,042.10020	1,009.158	15.54	0.7462	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put			206.10020	212.458	15.54	0.2538	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Put			2,339.31480	2,365.401	20.78	0.8347	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Call			175.21480	162.201	20.78	0.1653	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			683.85190	654.783	16.75	0.5339	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			597.95190	607.983	16.75	0.4661	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			2,021.29030	2,045.288	20.23	0.7991	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			350.25770	329.582	18.84	0.3078	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			217.19030	202.088	20.23	0.2009	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Call			705.67660	676.277	16.66	0.5465	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Put			569.77660	579.477	16.66	0.4535	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			119.34310	122.208	15.00	0.1570	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			1,455.24310	1,419.008	15.00	0.8430	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,354.35770	1,372.782	18.84	0.6922	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			175.60330	179.533	15.24	0.2089	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			1,273.30330	1,238.133	15.24	0.7911	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			747.17760	758.502	17.09	0.5142	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			626.47760	598.602	17.09	0.4858	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			2,203.17950	2,227.582	20.36	0.8094	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			212.47950	197.682	20.36	0.1906	0.00	0	3,147
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Put			2,510.76760	2,536.302	20.70	0.8266	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Call			200.56760	186.702	20.70	0.1734	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call			765.22710	734.978	16.62	0.5472	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			625.42710	634.578	16.62	0.4528	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			2,184.70010	2,208.112	20.18	0.7924	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			244.50010	228.512	20.18	0.2076	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Call			787.31450	756.752	16.53	0.5588	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Put			597.51450	606.352	16.53	0.4412	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			141.05670	143.573	14.95	0.1660	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			1,530.85670	1,493.973	14.95	0.8340	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,508.56710	1,527.143	18.91	0.6936	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			378.36710	357.543	18.91	0.3064	0.00	0	500
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			215.35900	218.878	15.20	0.2257	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			1,320.45900	1,284.578	15.20	0.7743	0.00	0	0
\$ / R	On	04/09/2019	Foreign Exchange Option	14.67	Put			886.34440	898.496	17.32	0.5421	0.00	0	0
\$ / R	On	04/09/2019	Foreign Exchange Option	14.67	Call			615.04440	587.796	17.32	0.4579	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Put			4,680.46040	4,712.536	24.36	0.9304	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Call			80.96040	73.636	24.36	0.0696	0.00	0	20,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.60	Call			1,148.76420	1,114.338	15.50	0.7042	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.65	Put			347.32060	352.727	15.55	0.3072	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.65	Call			1,117.52060	1,083.327	15.55	0.6928	0.00	0	5,666
\$ / R	On	16/09/2019	Foreign Exchange Option	14.50	Put			786.24700	797.172	16.98	0.5003	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.50	Call			706.44700	677.772	16.98	0.4997	0.00	0	14,000
\$ / R	On	16/09/2019	Foreign Exchange Option	14.65	Call			651.62200	624.004	17.23	0.4689	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.65	Put			881.42200	893.404	17.23	0.5311	0.00	0	3,000

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	15.51	Put			1,505.47100	1,523.551	18.75	0.6789	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.51	Call			415.67100	394.151	18.75	0.3211	0.00	0	28,500
\$ / R	On	16/09/2019	Foreign Exchange Option	13.77	Call			1,047.12690	1,014.855	15.75	0.6646	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.77	Put			396.92690	404.255	15.75	0.3354	0.00	0	28,500
\$ / R	On	16/09/2019	Foreign Exchange Option	18.27	Put			3,972.14350	4,003.742	23.40	0.8980	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.27	Call			122.34350	114.342	23.40	0.1020	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.62	Call			393.43850	372.635	18.95	0.3058	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.62	Put			1,593.23850	1,612.035	18.95	0.6942	33,852.74	21	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.12	Call			867.53620	836.852	16.33	0.5832	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.12	Put			567.33620	576.252	16.33	0.4168	0.00	0	177
\$ / R	On	16/09/2019	Foreign Exchange Option	15.03	Put			1,141.93420	1,156.555	17.89	0.6027	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.03	Call			532.13420	507.155	17.89	0.3973	0.00	0	177
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			1,246.27460	1,211.213	15.36	0.7377	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			276.07460	280.613	15.36	0.2623	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			1,239.59570	1,204.577	15.37	0.7355	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			279.39570	283.977	15.37	0.2645	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			1,252.97510	1,217.874	15.35	0.7399	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			272.77510	277.274	15.35	0.2601	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			3,675.57350	3,636.431	16.83	0.9908	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			5.37350	5.831	16.83	0.0092	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			1,992.01050	1,955.688	14.84	0.9049	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			71.81050	75.088	14.84	0.0951	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,797.52590	1,817.120	19.37	0.7266	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			347.72590	327.720	19.37	0.2734	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put			1,537.21780	1,555.558	18.83	0.6846	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call			407.41780	386.158	18.83	0.3154	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			940.64540	909.270	16.08	0.6178	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			490.44540	498.670	16.08	0.3822	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			2,984.22750	3,011.923	21.25	0.8531	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			174.42750	162.523	21.25	0.1469	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Call			826.33640	796.074	16.48	0.5629	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Put			616.13640	625.474	16.48	0.4371	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Put			3,569.17350	3,599.743	22.52	0.8829	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Call			139.37350	130.343	22.52	0.1171	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Call			627.59170	600.467	17.36	0.4550	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Put			927.39170	939.867	17.36	0.5450	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Put			4,165.29760	4,197.323	23.81	0.9042	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Call			115.49760	107.923	23.81	0.0958	0.00	0	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Call			405.38630	384.193	18.84	0.3140	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Put			1,545.18630	1,563.593	18.84	0.6860	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Put			3,645.62120	3,676.399	22.69	0.8860	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Call			135.82120	126.999	22.69	0.1140	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Call			443.91170	421.511	18.52	0.3402	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Put			1,403.71170	1,420.910	18.52	0.6598	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Put			3,369.29950	3,399.273	22.09	0.8739	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Call			149.49950	139.873	22.09	0.1261	0.00	0	5,000

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	14.33	Call		774.40640	744.701	16.68	0.5362	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Put		684.20640	694.101	16.68	0.4638	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Put		4,974.97470	5,007.756	24.29	0.9361	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Call		75.17470	68.356	24.29	0.0639	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Put		4,320.31940	4,352.660	24.15	0.9087	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Call		110.51940	103.260	24.15	0.0913	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Call		881.70610	850.884	16.28	0.5901	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Put		551.50610	560.284	16.28	0.4099	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Call		858.20830	827.618	16.37	0.5787	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Put		578.00830	587.018	16.37	0.4213	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Put		4,359.13860	4,391.555	24.23	0.9098	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Call		109.33860	102.155	24.23	0.0902	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Call		971.48810	939.845	15.98	0.6318	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Put		461.28810	469.245	15.98	0.3682	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Put		3,991.42560	4,023.068	23.44	0.8987	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Call		121.62560	113.668	23.44	0.1013	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.25	Call		1,385.01400	1,349.188	15.16	0.7806	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.25	Put		214.81400	218.588	15.16	0.2194	0.00	0	3,900
\$ / R	On	16/09/2019	Foreign Exchange Option	14.00	Call		925.56700	894.332	16.13	0.6108	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.00	Put		505.36700	513.732	16.13	0.3892	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.70	Call		1,086.90910	1,054.321	15.63	0.6811	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.70	Put		366.70910	373.722	15.63	0.3189	0.00	0	2,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.15	Call		1,458.04270	1,421.863	15.07	0.8010	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.15	Put		187.84270	191.263	15.07	0.1990	0.00	0	11,333
\$ / R	On	16/09/2019	Foreign Exchange Option	13.60	Put		328.56420	333.738	15.50	0.2958	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call		844.57150	814.288	16.51	0.5591	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put		649.07150	658.788	16.51	0.4409	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put		160.65130	163.844	14.91	0.1729	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call		1,606.15130	1,569.344	14.91	0.8271	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put		1,644.51170	1,663.453	18.96	0.6918	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call		410.01170	388.953	18.96	0.3082	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call		273.63660	257.158	20.13	0.2152	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put		2,328.13660	2,351.658	20.13	0.7848	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Call		866.86520	836.274	16.43	0.5700	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Put		621.36520	630.774	16.43	0.4300	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Put		2,671.09490	2,696.848	20.65	0.8185	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Call		226.59490	212.348	20.65	0.1815	0.00	0	250
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put		250.52930	254.928	15.24	0.2380	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call		1,369.72930	1,333.928	15.24	0.7620	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put		2,496.25470	2,520.562	20.18	0.7808	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call		297.85470	281.462	20.18	0.2192	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call		922.74350	892.489	16.46	0.5698	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put		671.14350	681.589	16.46	0.4302	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put		290.37530	295.347	15.29	0.2518	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call		1,401.97530	1,366.247	15.29	0.7482	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call		1,681.52290	1,644.712	14.92	0.8214	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	31/10/2019	Foreign Exchange Option	13.00	Put			179.92290	183.812	14.92	0.1786	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Call			945.19330	914.667	16.38	0.5800	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Put			643.59330	653.767	16.38	0.4200	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,802.77850	1,822.802	19.09	0.6939	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			434.37850	413.702	19.09	0.3061	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Put			2,839.59740	2,865.915	20.68	0.8122	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Call			251.19740	236.815	20.68	0.1878	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Put			2,980.24410	3,007.056	20.70	0.8060	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Call			274.24410	260.456	20.70	0.1940	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call			992.74050	963.629	16.41	0.5789	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			688.74050	700.229	16.41	0.4211	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			2,636.73660	2,661.733	20.21	0.7764	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			457.51720	437.218	19.14	0.3058	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			320.73660	305.133	20.21	0.2236	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Call			1,015.38150	986.009	16.33	0.5886	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Put			661.38150	672.609	16.33	0.4114	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			194.69870	200.760	14.92	0.1823	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			1,748.69870	1,714.160	14.92	0.8177	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			1,933.51720	1,953.818	19.14	0.6942	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			327.51060	333.824	15.34	0.2616	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			1,447.11060	1,412.624	15.34	0.7384	0.00	0	0
\$ / R	On	04/12/2019	Foreign Exchange Option	14.84	Put			1,049.41060	1,063.881	17.30	0.5258	0.00	0	0
\$ / R	On	04/12/2019	Foreign Exchange Option	14.84	Call			772.71060	746.281	17.30	0.4742	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,530.04520	5,563.441	23.46	0.9202	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			109.94520	102.141	23.46	0.0798	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			2,715.37570	2,676.581	13.11	0.9612	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			25.47570	27.881	13.11	0.0388	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			1,335.49650	1,301.576	15.55	0.6971	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.80	Put			472.48940	480.223	15.67	0.3298	0.00	0	500
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			527.83510	506.427	18.74	0.3397	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			1,757.93510	1,777.727	18.74	0.6603	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			525.72570	504.366	18.76	0.3385	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			1,765.82570	1,785.666	18.76	0.6615	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	16.85	Call			345.44500	329.111	20.09	0.2338	0.00	0	1,351
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			529.95990	508.499	18.73	0.3409	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			1,750.05990	1,769.799	18.73	0.6591	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	16.20	Put			2,070.66620	2,091.898	19.28	0.7045	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	16.20	Call			450.56620	430.598	19.28	0.2955	0.00	0	500
\$ / R	On	13/12/2019	Foreign Exchange Option	13.80	Call			1,252.38940	1,218.923	15.67	0.6702	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			415.59650	422.876	15.55	0.3029	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			3,081.23600	3,108.594	20.75	0.8061	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			281.13600	267.294	20.75	0.1939	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	14.07	Call			1,110.91710	1,080.393	16.10	0.6175	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	14.07	Put			601.01710	611.693	16.10	0.3825	0.00	0	1,351
\$ / R	On	13/12/2019	Foreign Exchange Option	16.85	Put			2,615.54500	2,640.411	20.09	0.7662	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Put			3,126.28130	3,154.132	20.70	0.8001	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	31/12/2019	Foreign Exchange Option	17.44	Call			299.38130	285.332	20.70	0.1999	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Call			1,068.73580	1,038.907	16.34	0.5882	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			705.63580	717.707	16.34	0.4118	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			2,782.75610	2,808.987	20.22	0.7720	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			345.85610	330.187	20.22	0.2280	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Call			1,091.59770	1,061.494	16.26	0.5974	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Put			678.49770	690.294	16.26	0.4026	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			207.94130	216.092	14.87	0.1847	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			1,821.04130	1,787.292	14.87	0.8153	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			2,077.07000	2,099.146	19.20	0.6952	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			480.17000	460.346	19.20	0.3048	0.00	0	500
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			364.46940	371.579	15.40	0.2702	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			1,491.16940	1,456.379	15.40	0.7298	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			399.74400	407.108	15.45	0.2776	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			1,528.94400	1,494.609	15.45	0.7224	0.00	0	0
\$ / R	On	28/02/2020	Foreign Exchange Option	14.78	Put			1,047.78750	1,060.681	17.04	0.4816	0.00	0	0
\$ / R	On	28/02/2020	Foreign Exchange Option	14.78	Call			987.18750	959.981	17.04	0.5184	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			435.64420	443.145	15.50	0.2838	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			1,570.74420	1,538.045	15.50	0.7162	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	11.91	Call			2,864.79870	2,829.742	11.93	0.9621	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	11.91	Put			23.29870	28.742	11.93	0.0379	0.00	0	1,000
\$ / R	On	16/03/2020	Foreign Exchange Option	14.01	Call			1,363.79770	1,332.504	15.93	0.6477	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	14.01	Put			622.29770	631.504	15.93	0.3523	0.00	0	1,000
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			762.25540	738.369	18.15	0.4118	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			1,620.75540	1,637.369	18.15	0.5882	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	17.73	Put			3,358.01420	3,384.587	20.77	0.7774	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	17.73	Call			379.51420	365.587	20.77	0.2226	0.00	0	1,000
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			759.61000	735.770	18.17	0.4106	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			1,628.11000	1,644.770	18.17	0.5894	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Call			756.96990	733.177	18.18	0.4094	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			1,635.46990	1,652.177	18.18	0.5906	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			473.86620	481.669	15.62	0.2897	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			1,617.36620	1,584.269	15.62	0.7103	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			508.39170	516.576	15.70	0.2951	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			1,652.79170	1,619.376	15.70	0.7049	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			546.40120	554.486	15.79	0.2991	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			1,705.70120	1,671.586	15.79	0.7009	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			1,097.28670	1,069.107	17.63	0.5029	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,338.48670	1,352.507	17.63	0.4971	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			1,093.83980	1,065.698	17.64	0.5016	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,345.03980	1,359.098	17.64	0.4984	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			1,090.39900	1,062.302	17.65	0.5004	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,351.59900	1,365.702	17.65	0.4996	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,489.78340	1,504.050	17.88	0.5069	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,128.38340	1,100.550	17.88	0.4931	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Call			1,243.43600	1,214.812	17.83	0.5117	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	14/09/2020	Foreign Exchange Option	15.34	Put			1,478.93600	1,492.812	17.83	0.4883	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			1,239.99680	1,211.411	17.84	0.5106	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,485.49680	1,499.411	17.84	0.4894	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			1,236.56160	1,208.022	17.85	0.5095	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,492.06160	1,506.022	17.85	0.4905	0.00	0	0
Total \$ / R Option												17,528,589.74	42,521	6,099,971
Total \$ / R												1,084,086,374.54	118,280	7,187,232
\$ / R MAXI On	18/03/2019	Foreign Exchange Future				14.06140		14.09980			0.0000	0.00	0	435
\$ / R MAXI On	14/06/2019	Foreign Exchange Future				14.21280		14.25220			0.0000	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Future				14.38060		14.42020			0.0000	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Future				14.53870		14.57990			0.0000	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Future				14.71100		14.75150			0.0000	0.00	0	0
Total \$ / R MAXI Future												0.00	0	435
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Call				27,441.30650	24,762.690	15.79	0.5298	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.03	Put				20,461.30650	21,622.690	15.79	0.4702	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Call				26,947.15930	24,287.420	15.82	0.5229	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.04	Put				20,967.15930	22,147.420	15.82	0.4771	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Call				27,942.32310	25,244.786	15.77	0.5367	0.00	0	0
\$ / R MAXI On	18/03/2019	Foreign Exchange Option	14.02	Put				19,962.32310	21,104.786	15.77	0.4633	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Call				50,011.31940	47,510.777	17.35	0.4738	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.37	Put				61,791.31940	63,230.777	17.35	0.5262	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Call				49,638.37040	47,145.844	17.37	0.4710	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.38	Put				62,418.37040	63,865.844	17.37	0.5290	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Call				50,386.73590	47,878.486	17.33	0.4766	0.00	0	0
\$ / R MAXI On	14/06/2019	Foreign Exchange Option	14.36	Put				61,166.73590	62,598.486	17.33	0.5234	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Call				63,436.19580	60,709.407	17.32	0.4589	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.70	Put				91,416.19580	92,649.407	17.32	0.5411	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Call				63,096.71070	60,377.089	17.34	0.4569	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.71	Put				92,076.71070	93,317.089	17.34	0.5431	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Call				63,777.19830	61,043.671	17.30	0.4609	0.00	0	0
\$ / R MAXI On	16/09/2019	Foreign Exchange Option	14.69	Put				90,757.19830	91,983.671	17.30	0.5391	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Call				113,561.87220	110,481.360	16.02	0.6271	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.02	Put				57,571.87220	58,611.360	16.02	0.3729	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Call				113,063.56470	109,988.581	16.03	0.6252	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.03	Put				58,073.56470	59,118.581	16.03	0.3748	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Call				114,062.37780	110,976.831	16.00	0.6291	0.00	0	0
\$ / R MAXI On	13/12/2019	Foreign Exchange Option	14.01	Put				57,072.37780	58,106.831	16.00	0.3709	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.68	Call				106,615.44300	103,867.426	16.93	0.5396	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.68	Put				99,465.44300	100,767.426	16.93	0.4604	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.69	Call				106,230.28940	103,488.076	16.94	0.5381	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.69	Put				100,080.28940	101,388.076	16.94	0.4619	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.67	Call				107,001.61600	104,248.395	16.91	0.5411	0.00	0	0
\$ / R MAXI On	16/03/2020	Foreign Exchange Option	14.67	Put				98,851.61600	100,148.395	16.91	0.4589	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 \$ / R MAXI Option												0.00	0	0
Total \$ / R MAXI												0.00	0	435
£ / R	On	28/02/2019	Foreign Exchange Future			18.32550		18.33430			0.0000	0.00	0	47
£ / R	On	18/03/2019	Foreign Exchange Future			18.38130		18.38990			0.0000	367,626.00	20	326,194
£ / R	On	29/03/2019	Foreign Exchange Future			18.41600		18.42480			0.0000	0.00	0	80
£ / R	On	15/04/2019	Foreign Exchange Future			18.47010		18.47910			0.0000	0.00	0	43
£ / R	On	26/04/2019	Foreign Exchange Future			18.50490		18.51410			0.0000	0.00	0	120
£ / R	On	29/04/2019	Foreign Exchange Future			18.51430		18.52350			0.0000	0.00	0	27
£ / R	On	14/06/2019	Foreign Exchange Future			18.66050		18.67030			0.0000	0.00	0	5,703
£ / R	On	16/09/2019	Foreign Exchange Future			18.96490		18.97490			0.0000	0.00	0	16,609
£ / R	On	13/12/2019	Foreign Exchange Future			19.24980		19.26210			0.0000	0.00	0	12,565
£ / R	On	16/03/2020	Foreign Exchange Future			19.56200		19.57360			0.0000	0.00	0	0
Total £ / R Future												367,626.00	20	361,388
£ / R	On	28/02/2019	Foreign Exchange Option	17.67	Put			19.32620	17.883	18.98	0.0809	0.00	0	0
£ / R	On	28/02/2019	Foreign Exchange Option	17.67	Call			683.62620	673.383	18.98	0.9191	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Put			1,629.49020	1,638.580	19.48	0.9485	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Call			19.39020	19.880	19.48	0.0515	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	19.00	Put			722.09100	726.698	16.85	0.7668	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.00	Call			111.99100	107.998	16.85	0.2332	0.00	0	2,500
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			524.74160	513.525	14.90	0.7113	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			134.84160	132.225	14.90	0.2887	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Put			3,052.59000	3,061.512	23.91	0.9924	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Call			2.49000	2.812	23.91	0.0076	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call			349.10980	340.785	15.30	0.5574	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			249.20980	249.485	15.30	0.4426	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Call			80.85560	77.669	17.30	0.1766	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Put			880.95560	886.369	17.30	0.8234	0.00	0	1,000
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Put			1,804.23220	1,813.565	19.97	0.9608	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Call			14.13220	14.865	19.97	0.0392	0.00	0	1,500
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call			343.86250	335.659	15.31	0.5520	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put			253.96250	254.359	15.31	0.4480	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call			338.67130	330.589	15.33	0.5465	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Put			258.77130	259.289	15.33	0.4535	0.00	0	0
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Put			219.80290	218.072	15.64	0.3490	0.00	0	0
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Call			554.60290	544.072	15.64	0.6510	0.00	0	0
£ / R	On	15/04/2019	Foreign Exchange Option	18.11	Put			287.31720	285.438	15.91	0.3613	0.00	0	0
£ / R	On	15/04/2019	Foreign Exchange Option	18.11	Call			656.41720	645.538	15.91	0.6387	0.00	0	0
£ / R	On	26/04/2019	Foreign Exchange Option	18.11	Call			725.64690	714.385	16.09	0.6383	0.00	0	0
£ / R	On	26/04/2019	Foreign Exchange Option	18.11	Put			321.54690	319.485	16.09	0.3617	0.00	0	0
£ / R	On	29/04/2019	Foreign Exchange Option	17.68	Put			186.38920	183.971	15.94	0.2390	0.00	0	0
£ / R	On	29/04/2019	Foreign Exchange Option	17.68	Call			1,029.88920	1,018.271	15.94	0.7610	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			696.51780	683.789	16.16	0.5252	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			656.21780	653.289	16.16	0.4748	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	18.64	Call			691.69520	678.974	16.16	0.5228	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			661.39520	658.474	16.16	0.4772	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			701.35990	688.628	16.15	0.5276	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			651.05990	648.128	16.15	0.4724	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.00	Put			377.94200	375.192	16.06	0.3271	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.00	Call			1,048.24200	1,035.692	16.06	0.6729	0.00	0	1,000
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			993.56070	974.194	15.78	0.5511	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			828.66070	819.294	15.78	0.4489	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.27	Put			578.86430	570.335	15.64	0.3535	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.27	Call			1,283.76430	1,265.235	15.64	0.6465	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			988.68040	969.306	15.78	0.5493	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			833.78040	824.406	15.78	0.4507	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			983.81790	964.436	15.78	0.5476	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			838.91790	829.536	15.78	0.4524	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Call			835.96250	813.565	16.08	0.4306	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Put			1,523.86250	1,513.765	16.08	0.5694	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Call			832.57060	810.191	16.09	0.4293	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Put			1,530.47060	1,520.391	16.09	0.5707	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Call			829.18440	806.831	16.09	0.4280	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Put			1,537.08440	1,527.030	16.09	0.5720	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Call			1,016.29870	991.438	16.25	0.4444	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Put			1,752.69870	1,739.438	16.25	0.5556	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Call			1,023.18610	998.286	16.24	0.4466	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Put			1,739.58610	1,726.285	16.24	0.5534	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Call			1,019.73300	994.860	16.24	0.4455	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Put			1,746.13300	1,732.860	16.24	0.5545	0.00	0	0
Total £ / R Option												0.00	0	7,500
Total £ / R												367,626.00	20	368,888
¥ / R	On	18/03/2019	Foreign Exchange Future			0.12730		0.12740			0.0000	0.00	0	10,000
¥ / R	On	14/06/2019	Foreign Exchange Future			0.12960		0.12970			0.0000	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Future			0.13210		0.13230			0.0000	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Future			0.13450		0.13470			0.0000	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Future			0.13730		0.13740			0.0000	0.00	0	0
Total ¥ / R Future												0.00	0	10,000
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Put			422.69370	420.936	19.68	0.6487	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			1,742.08420	1,732.110	23.47	0.9920	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			2.08420	2.110	23.47	0.0080	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			756.88110	743.527	14.87	0.9379	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			16.88110	13.527	14.87	0.0621	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			162.69370	150.936	19.68	0.3513	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,289.99420	1,289.190	21.38	0.7222	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			1,102.84690	1,092.767	16.72	0.8089	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			132.84690	132.767	16.72	0.1911	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	0.13	Call			544.80550	533.293	19.20	0.5098	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			574.80550	573.293	19.20	0.4902	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			259.99420	249.190	21.38	0.2778	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Put			1,284.37990	1,289.159	20.46	0.6178	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Call			1,433.11260	1,415.021	16.79	0.7948	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Put			203.11260	205.021	16.79	0.2052	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Call			865.22540	847.814	18.76	0.5730	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Put			635.22540	637.814	18.76	0.4270	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Call			514.37990	499.159	20.46	0.3822	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Call			1,722.21140	1,704.586	16.96	0.7951	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Put			252.21140	254.586	16.96	0.2049	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Call			1,141.06040	1,124.368	18.60	0.6130	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Put			671.06040	674.368	18.60	0.3870	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Call			755.84470	741.269	20.18	0.4482	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Put			1,285.84470	1,291.269	20.18	0.5518	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Call			1,022.61230	1,012.598	20.04	0.5037	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Put			1,282.61230	1,282.598	20.04	0.4963	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Call			734.78540	724.598	21.34	0.3853	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Put			1,994.78540	1,994.598	21.34	0.6147	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Call			1,434.64810	1,424.911	18.54	0.6485	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Put			694.64810	694.911	18.54	0.3515	0.00	0	0
Total ¥ / R Option												0.00	0	0
Total ¥ / R												0.00	0	10,000
€ / R	On	28/02/2019	Foreign Exchange Future			15.92390		15.96190			0.0000	0.00	0	29
€ / R	On	18/03/2019	Foreign Exchange Future			15.98160		16.01970			0.0000	2,381,258.40	149	139,711
€ / R	On	29/03/2019	Foreign Exchange Future			16.01770		16.05620			0.0000	0.00	0	53
€ / R	On	15/04/2019	Foreign Exchange Future			16.07410		16.11310			0.0000	0.00	0	4
€ / R	On	26/04/2019	Foreign Exchange Future			16.11050		16.14970			0.0000	0.00	0	1
€ / R	On	10/06/2019	Foreign Exchange Future			16.26000		16.30040			0.0000	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Future			16.27350		16.31390			0.0000	0.00	0	29,914
€ / R	On	14/08/2019	Foreign Exchange Future			16.48370		16.52400			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			16.59690		16.63780			0.0000	0.00	0	21,578
€ / R	On	13/12/2019	Foreign Exchange Future			16.90370		16.94650			0.0000	0.00	0	17,761
€ / R	On	10/02/2020	Foreign Exchange Future			17.11930		17.16210			0.0000	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Future			17.24460		17.28670			0.0000	0.00	0	0
Total € / R Future												2,381,258.40	149	209,051
€ / R	On	28/02/2019	Foreign Exchange Option	15.77	Put			71.03930	68.815	15.04	0.3168	0.00	0	0
€ / R	On	28/02/2019	Foreign Exchange Option	15.77	Call			262.93930	222.715	15.04	0.6832	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put			84.20720	86.889	13.88	0.2472	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			322.19910	334.608	15.12	0.5846	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Put			3,631.37400	3,669.318	27.98	0.9973	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call			1.07400	0.918	27.98	0.0027	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			244.30940	253.862	14.65	0.5043	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	16.00	Call		264.00940	235.462	14.65	0.4957	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call		503.90720	468.489	13.88	0.7528	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put		1,333.27090	1,364.072	18.49	0.9505	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call		208.30240	182.833	15.16	0.4095	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put		328.60240	341.233	15.16	0.5905	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call		204.75980	179.515	15.20	0.4038	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put		335.05980	347.915	15.20	0.5962	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call		211.89910	186.208	15.12	0.4154	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call		22.97090	15.672	18.49	0.0495	0.00	0	0
€ / R	On	29/03/2019	Foreign Exchange Option	16.32	Put		478.68690	494.228	15.83	0.6373	0.00	0	0
€ / R	On	29/03/2019	Foreign Exchange Option	16.32	Call		214.88690	191.928	15.83	0.3627	0.00	0	0
€ / R	On	15/04/2019	Foreign Exchange Option	16.28	Put		478.62370	492.704	15.49	0.5738	0.00	0	0
€ / R	On	15/04/2019	Foreign Exchange Option	16.28	Call		311.72370	286.804	15.49	0.4262	0.00	0	0
€ / R	On	26/04/2019	Foreign Exchange Option	16.42	Put		593.95890	605.157	15.94	0.5994	0.00	0	0
€ / R	On	26/04/2019	Foreign Exchange Option	16.42	Call		323.65890	295.657	15.94	0.4006	0.00	0	0
€ / R	On	10/06/2019	Foreign Exchange Option	14.25	Put		27.72960	30.115	15.19	0.0515	0.00	0	0
€ / R	On	10/06/2019	Foreign Exchange Option	14.25	Call		2,078.12960	2,040.115	15.19	0.9485	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call		394.40220	374.819	17.00	0.3718	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put		940.50220	961.319	17.00	0.6282	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call		391.64460	372.134	17.02	0.3696	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put		947.74460	968.634	17.02	0.6304	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call		388.90730	369.472	17.04	0.3674	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put		955.00730	975.972	17.04	0.6326	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put		459.31680	470.827	15.05	0.3743	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call		953.31680	924.527	15.05	0.6257	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put		3,261.89740	3,293.413	20.33	0.8813	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call		135.89740	127.113	20.33	0.1187	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call		847.57570	819.915	15.35	0.5767	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put		563.57570	576.215	15.35	0.4233	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Call		550.60880	527.891	16.54	0.4136	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Put		1,036.60880	1,054.191	16.54	0.5864	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call		447.39310	427.692	17.47	0.3221	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put		1,599.59310	1,620.792	17.47	0.6779	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.27	Put		1,989.84030	2,013.668	18.21	0.7362	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.27	Call		357.64030	340.568	18.21	0.2638	0.00	0	14,429
€ / R	On	16/09/2019	Foreign Exchange Option	15.62	Call		1,324.30650	1,290.845	14.39	0.7303	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	15.62	Put		306.50650	313.945	14.39	0.2697	0.00	0	14,429
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call		449.52840	429.763	17.45	0.3234	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put		1,591.72840	1,612.863	17.45	0.6766	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Put		2,267.51610	2,292.772	18.63	0.7709	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Call		305.31610	289.672	18.63	0.2291	0.00	0	55,000
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call		451.68020	431.851	17.44	0.3248	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put		1,583.88020	1,604.950	17.44	0.6752	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Put		3,937.31800	3,969.719	20.71	0.8351	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Call		263.81800	253.419	20.71	0.1649	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Call		629.84530	607.286	17.12	0.3689	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	13/12/2019	Foreign Exchange Option	16.15	Put			533.14660	544.622	14.69	0.3404	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Call			627.43610	604.929	17.14	0.3677	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Put			1,700.93610	1,721.229	17.14	0.6323	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Put			1,693.34530	1,713.586	17.12	0.6311	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Call			625.03810	602.582	17.15	0.3665	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Put			1,708.53810	1,728.882	17.15	0.6335	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Call			3,249.46970	3,210.808	13.84	0.9585	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Put			32.96970	37.108	13.84	0.0415	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	16.15	Call			1,329.64660	1,298.321	14.69	0.6596	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	16.91	Put			917.41840	930.679	15.45	0.4377	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	16.91	Call			1,169.51840	1,139.979	15.45	0.5623	0.00	0	15,000
€ / R	On	10/02/2020	Foreign Exchange Option	17.00	Put			970.14100	983.794	15.57	0.4513	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	17.00	Call			1,132.24100	1,103.094	15.57	0.5487	0.00	0	15,000
€ / R	On	10/02/2020	Foreign Exchange Option	17.07	Put			1,012.05950	1,026.008	15.66	0.4618	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	17.07	Call			1,104.15950	1,075.308	15.66	0.5382	0.00	0	15,000
€ / R	On	10/02/2020	Foreign Exchange Option	16.65	Put			772.75920	784.895	15.12	0.3970	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	16.65	Call			1,284.85920	1,254.195	15.12	0.6030	0.00	0	21,000
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Put			1,951.11880	1,969.309	17.20	0.6170	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Call			772.71200	748.711	17.18	0.3851	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Put			1,936.01200	1,954.111	17.18	0.6149	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Call			770.26400	746.305	17.19	0.3840	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Put			1,943.56400	1,961.705	17.19	0.6160	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Call			767.81880	743.909	17.20	0.3830	0.00	0	0
Total € / R Option												0.00	0	264,358
Total € / R												2,381,258.40	149	473,409
AU\$ / R	On	18/03/2019	Foreign Exchange Future			9.98430		10.09640			0.0000	0.00	0	4,731
AU\$ / R	On	14/06/2019	Foreign Exchange Future			10.10420		10.21800			0.0000	0.00	0	15,741
AU\$ / R	On	16/09/2019	Foreign Exchange Future			10.23880		10.35220			0.0000	0.00	0	513
AU\$ / R	On	13/12/2019	Foreign Exchange Future			10.36690		10.48160			0.0000	0.00	0	400
AU\$ / R	On	16/03/2020	Foreign Exchange Future			10.50830		10.62120			0.0000	0.00	0	0
Total AU\$ / R Future												0.00	0	21,385
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Call			52.79450	30.674	14.26	0.1593	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			326.39450	416.374	14.26	0.8407	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			56.69900	33.190	14.16	0.1705	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			310.29900	398.890	14.16	0.8295	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			54.71360	31.908	14.21	0.1648	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			318.31360	407.608	14.21	0.8352	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			883.64160	976.652	15.70	0.8234	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			100.21780	79.691	15.73	0.1743	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			892.21780	985.491	15.73	0.8257	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			98.81510	78.549	15.76	0.1721	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Put			900.81510	994.349	15.76	0.8279	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			101.64160	80.852	15.70	0.1766	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
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Put			685.39950	759.666	14.09	0.6640	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			273.09110	233.253	14.05	0.3418	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			670.89110	744.453	14.05	0.6582	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Call			270.33090	230.845	14.07	0.3389	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Put			678.13090	752.045	14.07	0.6611	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Call			267.59950	228.466	14.09	0.3360	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Call			343.76520	300.136	13.75	0.3655	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Put			762.16520	833.236	13.75	0.6345	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Call			340.91590	297.637	13.77	0.3630	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Put			769.31590	840.737	13.77	0.6370	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Call			346.63960	302.715	13.74	0.3681	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Put			755.03960	825.814	13.74	0.6319	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	11.00	Put			834.77210	909.261	13.95	0.6591	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	11.00	Call			316.37210	276.162	13.95	0.3409	0.00	0	1,000
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Put			853.10570	919.493	13.77	0.6112	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Call			421.34630	375.176	13.79	0.3866	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Put			860.14630	926.876	13.79	0.6134	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Call			418.40900	372.583	13.81	0.3844	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Put			867.20900	934.283	13.81	0.6156	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Call			424.30570	377.793	13.77	0.3888	0.00	0	0
Total AU\$ / R Option												0.00	0	1,000
Total AU\$ / R												0.00	0	22,385
CAD/ R	On	18/03/2019	Foreign Exchange Future			10.67370		10.69850			0.0000	0.00	0	500
CAD/ R	On	14/06/2019	Foreign Exchange Future			10.81090		10.83710			0.0000	0.00	0	400
CAD/ R	On	16/09/2019	Foreign Exchange Future			10.95930		10.98640			0.0000	0.00	0	400
CAD/ R	On	13/12/2019	Foreign Exchange Future			11.09810		11.12690			0.0000	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Future			11.24980		11.27850			0.0000	0.00	0	0
Total CAD/ R Future												0.00	0	1,300
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Call			141.56870	126.353	13.68	0.4487	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			173.06870	182.653	13.68	0.5513	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			137.56490	122.590	13.73	0.4387	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			179.06490	188.890	13.73	0.5613	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			145.67160	130.215	13.63	0.4588	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			167.17160	176.515	13.63	0.5412	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Call			365.02510	347.983	14.28	0.5209	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Put			327.92510	337.083	14.28	0.4791	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Call			360.50070	343.757	14.31	0.5163	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Put			333.40070	342.857	14.31	0.4837	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Call			369.59890	352.501	14.27	0.5255	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Put			322.49890	331.601	14.27	0.4745	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Call			329.05100	313.228	14.88	0.3867	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Put			732.65100	743.928	14.88	0.6133	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Call			326.19740	310.443	14.90	0.3839	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	16/09/2019	Foreign Exchange Option	11.40	Put			739.79740	751.143	14.90	0.6161	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Call			331.92750	316.037	14.86	0.3895	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Put			725.52750	736.736	14.86	0.6105	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Call			417.35930	401.654	14.71	0.4094	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Put			830.45930	843.554	14.71	0.5906	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Call			414.39530	398.747	14.73	0.4070	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Put			837.49530	850.647	14.73	0.5930	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Call			420.34210	404.580	14.69	0.4118	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Put			823.44210	836.480	14.69	0.5882	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Call			514.16730	498.023	14.75	0.4302	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Put			925.66730	938.224	14.75	0.5698	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Call			511.09050	494.999	14.77	0.4281	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Put			932.59050	945.199	14.77	0.5719	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Call			517.25960	501.068	14.74	0.4323	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Put			918.75960	931.268	14.74	0.5677	0.00	0	0
Total CAD/ R Option												0.00	0	0
Total CAD/ R												0.00	0	1,300
CF CANDCO	On	18/03/2019	Foreign Exchange Future			0.11000		0.24000			0.0000	0.00	0	0
Total CF CANDO CAHF Future												0.00	0	0
Total CF CANDO CAHF												0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Future			14.08340		14.12940			0.0000	0.00	0	1,243
CHF / R	On	14/06/2019	Foreign Exchange Future			14.35390		14.40230			0.0000	0.00	0	250
CHF / R	On	16/09/2019	Foreign Exchange Future			14.65420		14.70350			0.0000	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Future			14.93910		14.99110			0.0000	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Future			15.25670		15.30880			0.0000	0.00	0	0
Total CHF / R Future												0.00	0	1,493
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Call			126.28540	102.976	16.79	0.2761	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			466.88540	489.576	16.79	0.7239	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			124.00390	100.966	16.83	0.2715	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			474.60390	497.566	16.83	0.7285	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			128.60970	105.028	16.74	0.2808	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			459.20970	481.628	16.74	0.7192	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			407.84430	380.232	16.98	0.4104	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			735.54430	756.331	16.98	0.5896	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			404.65500	377.152	17.00	0.4078	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			742.35500	763.252	17.00	0.5922	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			411.05900	383.336	16.96	0.4130	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			728.75900	749.436	16.96	0.5870	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Call			427.40140	402.038	17.96	0.3309	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Put			1,413.90140	1,437.838	17.96	0.6691	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Call			425.17740	399.898	17.98	0.3294	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	16/09/2019	Foreign Exchange Option	15.70	Put			1,421.67740	1,445.698	17.98	0.6706	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Call			429.63880	404.191	17.94	0.3324	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Put			1,406.13880	1,429.991	17.94	0.6676	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Call			597.86600	569.277	17.97	0.3728	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Put			1,556.76600	1,580.177	17.97	0.6272	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Call			595.42300	566.906	17.99	0.3715	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Put			1,564.32300	1,587.806	17.99	0.6285	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Call			592.99720	564.552	18.00	0.3702	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Put			1,571.89720	1,595.452	18.00	0.6298	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Call			673.44660	644.331	18.45	0.3604	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Put			1,994.64660	2,017.631	18.45	0.6396	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Call			671.25340	642.188	18.46	0.3594	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Put			2,002.45340	2,025.488	18.46	0.6406	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Call			675.65520	646.476	18.44	0.3615	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Put			1,986.85520	2,009.776	18.44	0.6385	0.00	0	0
Total CHF / R Option												0.00	0	0
Total CHF / R												0.00	0	1,493
CNH / R	On	18/03/2019	Foreign Exchange Future			2.09190		2.09780			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.11430		2.12070			0.0000	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Future			2.13890		2.14520			0.0000	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Future			2.16180		2.16860			0.0000	0.00	0	0
Total CNH / R Future												0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			300.81880	265.442	13.90	0.4649	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			322.81880	346.442	13.90	0.5351	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			402.92540	361.901	13.71	0.5702	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			224.92540	242.901	13.71	0.4298	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			349.26660	311.025	13.81	0.5172	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			271.26660	292.025	13.81	0.4828	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			143.68020	153.025	13.85	0.1696	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			1,568.60110	1,514.900	13.82	0.8138	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			161.60110	171.900	13.82	0.1862	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			1,488.22040	1,435.533	13.79	0.7962	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			181.22040	192.533	13.79	0.2038	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			1,650.68020	1,596.025	13.85	0.8304	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.09	Call			1,200.78890	1,153.025	13.97	0.6073	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.09	Put			648.78890	664.025	13.97	0.3927	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.10	Call			1,149.42110	1,102.505	14.06	0.5895	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.10	Put			697.42110	713.505	14.06	0.4105	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.08	Call			1,254.05650	1,205.458	13.89	0.6252	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.08	Put			602.05650	616.458	13.89	0.3748	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.11	Put			817.16920	838.285	14.08	0.3994	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.12	Call			1,353.22510	1,307.128	14.15	0.5859	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.12	Put			867.22510	889.128	14.15	0.4141	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
CNH / R	On	13/12/2019	Foreign Exchange Option	2.10	Call			1,454.70100	1,407.016	14.01	0.6153	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.10	Put			768.70100	789.016	14.01	0.3847	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.11	Call			1,403.16920	1,356.285	14.08	0.6006	0.00	0	0
Total CNH / R Option												0.00	0	0
Total CNH / R												0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Future			2.14210		2.14740			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.18240		2.18790			0.0000	0.00	0	250
DKK / R	On	16/09/2019	Foreign Exchange Future			2.22690		2.23250			0.0000	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Future			2.26930		2.27510			0.0000	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Future			2.31620		2.32190			0.0000	0.00	0	0
Total DKK / R Future												0.00	0	250
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Put			1,179.03610	1,219.366	15.65	0.9010	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			70.50930	54.470	14.98	0.1314	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			996.50930	1,033.470	14.98	0.8686	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			58.88330	44.449	15.10	0.1105	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			1,084.88330	1,123.449	15.10	0.8895	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			53.03610	40.366	15.65	0.0990	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			526.17130	548.667	14.54	0.4108	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			853.79120	821.412	14.61	0.5665	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			574.79120	597.412	14.61	0.4335	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			958.93750	926.279	14.47	0.6118	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			479.93750	502.278	14.47	0.3882	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			905.17130	872.667	14.54	0.5892	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Call			487.67260	461.723	16.15	0.2895	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Put			2,162.67260	2,192.723	16.15	0.7105	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Call			529.71290	502.312	15.95	0.3109	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Put			2,004.71290	2,033.312	15.95	0.6891	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Call			508.22150	481.553	16.05	0.3000	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Put			2,083.22150	2,112.553	16.05	0.7000	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Call			493.20280	472.877	16.72	0.2500	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Put			3,142.20280	3,179.877	16.72	0.7500	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Call			476.51450	456.833	16.78	0.2428	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Put			3,225.51450	3,263.833	16.78	0.7572	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Call			510.50600	489.522	16.66	0.2574	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Put			3,059.50600	3,096.522	16.66	0.7426	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Call			642.21460	619.363	16.79	0.2735	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Put			3,523.21460	3,557.363	16.79	0.7265	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Call			624.66410	602.240	16.85	0.2671	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Put			3,605.66410	3,640.240	16.85	0.7329	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Call			660.32000	637.018	16.74	0.2801	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Put			3,441.32000	3,475.018	16.74	0.7199	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 DKK / R Option												0.00	0	0
Total DKK / R												0.00	0	250
HK\$/R	On	18/03/2019	Foreign Exchange Future			1.79390		1.79840			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.81800		1.82260			0.0000	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Future			1.84360		1.84810			0.0000	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Future			1.86690		1.87160			0.0000	0.00	0	0
Total HK\$/R Future												0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Call			349.05890	317.339	15.90	0.5291	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			265.05890	278.339	15.90	0.4709	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			301.45900	271.817	16.06	0.4762	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			317.45900	332.817	16.06	0.5238	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			401.97250	368.263	15.73	0.5830	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			217.97250	229.263	15.73	0.4170	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			1,005.30070	970.670	16.10	0.6579	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			379.30070	390.670	16.10	0.3421	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			948.80240	914.804	16.25	0.6335	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			422.80240	434.804	16.25	0.3665	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			1,064.47380	1,029.220	15.96	0.6821	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			338.47380	349.220	15.96	0.3179	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.82	Call			1,062.95260	1,026.947	16.44	0.5659	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.82	Put			781.95260	790.947	16.44	0.4341	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.83	Call			1,018.16740	982.693	16.56	0.5484	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.83	Put			837.16740	846.693	16.56	0.4516	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.81	Call			1,109.58940	1,073.068	16.32	0.5836	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.81	Put			728.58940	737.068	16.32	0.4164	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.84	Call			1,270.23510	1,236.256	16.51	0.5683	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.84	Put			954.23510	967.256	16.51	0.4317	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.85	Call			1,227.47620	1,193.271	16.62	0.5539	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.85	Put			1,011.47620	1,024.271	16.62	0.4461	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.83	Call			1,314.54910	1,280.791	16.40	0.5828	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.83	Put			898.54910	911.791	16.40	0.4172	0.00	0	0
Total HK\$/R Option												0.00	0	0
Total HK\$/R												0.00	0	0
KES / R	On	18/03/2019	Foreign Exchange Future			0.13990		0.14020			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.13960		0.13970			0.0000	0.00	0	2,166
KES / R	On	16/09/2019	Foreign Exchange Future			0.13940		0.13990			0.0000	0.00	0	0
KES / R	On	13/12/2019	Foreign Exchange Future			0.13880		0.13930			0.0000	0.00	0	0
KES / R	On	16/03/2020	Foreign Exchange Future			0.13860		0.13900			0.0000	0.00	0	0
Total KES / R Future												0.00	0	2,166

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
Total KES / R												0.00	0	2,166
NOK/R	On	18/03/2019	Foreign Exchange Future			1.63190		1.64280			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.65520		1.66640			0.0000	0.00	0	0
NOK/R	On	16/09/2019	Foreign Exchange Future			1.68060		1.69200			0.0000	0.00	0	0
NOK/R	On	13/12/2019	Foreign Exchange Future			1.70440		1.71610			0.0000	0.00	0	0
Total NOK/R Future												0.00	0	0
Total NOK/R												0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Future			9.59320		9.69260			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.71220		9.81350			0.0000	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Future			9.84280		9.94520			0.0000	0.00	0	646
NZ\$ / R	On	13/12/2019	Foreign Exchange Future			9.96580		10.06950			0.0000	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Future			10.09850		10.20260			0.0000	0.00	0	0
Total NZ\$ / R Future												0.00	0	646
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Call			227.75920	164.250	13.04	0.5834	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			65.15920	101.050	13.04	0.4166	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			221.27230	158.780	13.06	0.5713	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			68.67230	105.580	13.06	0.4287	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			234.36600	169.842	13.03	0.5955	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			61.76600	96.642	13.03	0.4045	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			265.80810	223.954	14.56	0.4126	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			372.30810	431.754	14.56	0.5874	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			262.15840	220.752	14.58	0.4080	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			378.65840	438.552	14.58	0.5920	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			269.50780	227.199	14.53	0.4172	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			366.00780	424.999	14.53	0.5828	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Call			460.79410	404.783	13.81	0.5179	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Put			365.59410	411.983	13.81	0.4821	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Call			456.10770	400.664	13.83	0.5141	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Put			370.90770	417.864	13.83	0.4859	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Call			465.52060	409.151	13.80	0.5218	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Put			360.32060	406.351	13.80	0.4782	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Call			404.37670	361.819	14.61	0.4121	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Put			684.87670	746.019	14.61	0.5879	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Call			401.10490	358.821	14.63	0.4094	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Put			691.60490	753.021	14.63	0.5906	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Call			407.67190	364.847	14.60	0.4148	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Put			678.17190	739.047	14.60	0.5852	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Call			484.97650	441.093	14.84	0.4246	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Put			802.37650	862.593	14.84	0.5754	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Call			481.71320	438.056	14.86	0.4223	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Put			809.11320	869.556	14.86	0.5777	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Call			488.26270	444.151	14.83	0.4269	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	16/03/2020	Foreign Exchange Option	10.51	Put			795.66270	855.651	14.83	0.5731	0.00	0	0
Total NZ\$ / R Option												0.00	0	0
Total NZ\$ / R												0.00	0	646
PULA / R	On	18/03/2019	Foreign Exchange Future			1.32640		1.32850			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.33330		1.33380			0.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Future			1.33920		1.33910			0.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Future			1.34370		1.34460			0.0000	0.00	0	0
Total PULA / R Future												0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.34	Put			115.00000	136.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.35	Put			215.00000	236.000		1.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	18/03/2019	Foreign Exchange Option	1.33	Put			15.00000	36.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Call			138.00000	133.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.33	Call			38.00000	33.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.33	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Call			238.00000	233.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.31	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.33	Call			91.00000	92.000		1.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.33	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.34	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.34	Put			9.00000	8.000		1.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.32	Call			191.00000	192.000		1.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.32	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.34	Call			46.00000	37.000		1.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.34	Put			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.35	Call			0.00000	0.000		0.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.35	Put			54.00000	63.000		1.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.33	Call			146.00000	137.000		1.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.33	Put			0.00000	0.000		0.0000	0.00	0	0
Total PULA / R Option												0.00	0	0
Total PULA / R												0.00	0	0
QUANTO £	On	18/03/2019	Foreign Exchange Future			1.30720		1.30430			0.0000	0.00	0	5
QUANTO £	On	14/06/2019	Foreign Exchange Future			1.31290		1.31000			0.0000	0.00	0	0
QUANTO £	On	16/09/2019	Foreign Exchange Future			1.31880		1.31590			0.0000	0.00	0	0
QUANTO £	On	13/12/2019	Foreign Exchange Future			1.32400		1.32110			0.0000	0.00	0	2,219
QUANTO £	On	16/03/2020	Foreign Exchange Future			1.32980		1.32690			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 QUANTO £ / \$ Future									0.00	0	2,224
Total QUANTO £ / \$									0.00	0	2,224
QUANTO €On 18/03/2019 Foreign Exchange Future			1.13660		1.13620			0.0000	0.00	0	5
QUANTO €On 14/06/2019 Foreign Exchange Future			1.14500		1.14470			0.0000	0.00	0	582
QUANTO €On 16/09/2019 Foreign Exchange Future			1.15410		1.15380			0.0000	0.00	0	0
QUANTO €On 13/12/2019 Foreign Exchange Future			1.16270		1.16230			0.0000	0.00	0	0
QUANTO €On 16/03/2020 Foreign Exchange Future			1.17220		1.17190			0.0000	0.00	0	0
Total QUANTO € / \$ Future									0.00	0	587
Total QUANTO € / \$									0.00	0	587
SGD / R On 18/03/2019 Foreign Exchange Future			10.39580		10.43590			0.0000	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Future			10.52650		10.56850			0.0000	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Future			10.67200		10.71520			0.0000	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Future			10.81030		10.85500			0.0000	0.00	0	0
Total SGD / R Future									0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.34	Call			201.71160	174.629	13.40	0.5679	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.34	Put			105.81160	118.829	13.40	0.4321	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.35	Call			196.18140	169.467	13.43	0.5569	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.35	Put			110.28140	123.666	13.43	0.4431	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.33	Call			207.35060	179.904	13.37	0.5789	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.33	Put			101.45060	114.104	13.37	0.4211	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.01	Put			105.09640	114.624	13.43	0.2387	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	9.99	Call			678.37630	645.428	13.40	0.7700	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	9.99	Put			99.87630	108.928	13.40	0.2300	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.00	Call			670.96340	638.189	13.41	0.7657	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.00	Put			102.46340	111.689	13.41	0.2343	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.01	Call			663.59640	631.124	13.43	0.7613	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.52	Call			549.34010	520.256	13.83	0.5753	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.52	Put			354.14010	368.256	13.83	0.4247	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.53	Call			544.43810	515.463	13.85	0.5717	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.53	Put			359.23810	373.463	13.85	0.4283	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.54	Call			539.57100	510.708	13.86	0.5680	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.54	Put			364.37100	378.708	13.86	0.4320	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.67	Call			638.40520	610.217	13.95	0.5663	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.67	Put			453.40520	469.917	13.95	0.4337	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.68	Call			633.73650	605.649	13.97	0.5633	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.68	Put			458.73650	475.349	13.97	0.4367	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.66	Call			643.10150	614.817	13.94	0.5692	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.66	Put			448.10150	464.517	13.94	0.4308	0.00	0	0
Total SGD / 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 SGD / R												0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Future			2.60140		2.61220			0.0000	5,202,800.00	2,000	20,000
TRY / R	On	14/06/2019	Foreign Exchange Future			2.51180		2.52380			0.0000	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Future			2.43510		2.44700			0.0000	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Future			2.37380		2.38540			0.0000	0.00	0	0
Total TRY / R Future												5,202,800.00	2,000	20,000
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			9.76010	7.056	16.11	0.1307	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			127.56010	135.656	16.11	0.8693	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			8.41460	5.961	16.14	0.1136	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			136.21460	144.561	16.14	0.8864	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			11.28690	8.319	16.08	0.1496	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			119.08690	126.919	16.08	0.8504	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			2.31180	2.495	28.21	0.0183	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,008.51180	1,020.695	28.21	0.9817	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			2.19680	2.374	28.21	0.0175	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,018.39680	1,030.574	28.21	0.9825	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			2.43250	2.621	28.21	0.0192	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			998.63250	1,010.821	28.21	0.9808	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.35	Call			184.74990	176.176	17.99	0.6294	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.35	Put			87.74990	91.076	17.99	0.3706	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.36	Call			178.61770	170.155	17.94	0.6177	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.36	Put			91.61770	95.055	17.94	0.3823	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.34	Call			190.99600	182.314	18.03	0.6410	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.34	Put			83.99600	87.214	18.03	0.3590	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.28	Call			219.15870	210.936	19.16	0.6256	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.28	Put			113.75870	117.136	19.16	0.3744	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.29	Call			213.29310	205.076	19.12	0.6160	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.29	Put			117.89310	121.276	19.12	0.3840	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.30	Call			207.52340	199.312	19.08	0.6064	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.30	Put			122.12340	125.512	19.08	0.3936	0.00	0	0
Total TRY / R Option												0.00	0	0
Total TRY / R												5,202,800.00	2,000	20,000
Total Futures												1 074 509 469.20	77,928	1,718,186
Total Options												17 528 589.74	42,521	6,372,829
Grand Total:												1,092,038,058.94	120,449	8,091,015