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CURRENCY DERIVATIVES

CURRENCY DERIVATIVES DAILY MTM REPORT

DAILY SUMMARY FOR: 28/02/2019

Contract Details	Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R On 28/02/2019 Foreign Exchange Future			13.99980		13.92090			0.0000	32,395,537.20	2,314	0
\$ / R On 04/03/2019 Foreign Exchange Future			14.00620		13.92740			0.0000	0.00	0	74
\$ / R On 05/03/2019 Foreign Exchange Future			14.00780		13.92900			0.0000	0.00	0	10,080
\$ / R On 08/03/2019 Foreign Exchange Future			14.01260		13.93390			0.0000	0.00	0	0
\$ / R On 11/03/2019 Foreign Exchange Future			14.01760		13.93890			0.0000	0.00	0	0
\$ / R On 18/03/2019 Foreign Exchange Future			14.02910		13.95040			0.0000	559,298,129.70	39,867	776,647
\$ / R On 22/03/2019 Foreign Exchange Future			14.03560		13.95700			0.0000	0.00	0	0
\$ / R On 27/03/2019 Foreign Exchange Future			14.04390		13.96520			0.0000	0.00	0	3,731
\$ / R On 28/03/2019 Foreign Exchange Future			14.04560		13.96690			0.0000	0.00	0	0
\$ / R On 29/03/2019 Foreign Exchange Future			14.04720		13.96850			0.0000	8,428,320.00	600	3,708
\$ / R On 02/04/2019 Foreign Exchange Future			14.05390		13.97520			0.0000	0.00	0	55
\$ / R On 04/04/2019 Foreign Exchange Future			14.05730		13.97850			0.0000	337,375,200.00	24,000	24,000
\$ / R On 05/04/2019 Foreign Exchange Future			14.05900		13.98020			0.0000	0.00	0	0
\$ / R On 15/04/2019 Foreign Exchange Future			14.07600		13.99690			0.0000	0.00	0	260
\$ / R On 26/04/2019 Foreign Exchange Future			14.09460		14.01520			0.0000	0.00	0	349
\$ / R On 29/04/2019 Foreign Exchange Future			14.09970		14.02020			0.0000	0.00	0	15
\$ / R On 30/04/2019 Foreign Exchange Future			14.10140		14.02190			0.0000	0.00	0	2,426
\$ / R On 09/05/2019 Foreign Exchange Future			14.11670		14.03750			0.0000	0.00	0	25,000
\$ / R On 13/05/2019 Foreign Exchange Future			14.12360		14.04440			0.0000	0.00	0	93
\$ / R On 20/05/2019 Foreign Exchange Future			14.13560		14.05660			0.0000	0.00	0	0
\$ / R On 29/05/2019 Foreign Exchange Future			14.15100		14.07220			0.0000	0.00	0	387

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/05/2019	Foreign Exchange Future			14.15450		14.07560			0.0000	0.00	0	416
\$ / R	On	03/06/2019	Foreign Exchange Future			14.15980		14.08090			0.0000	0.00	0	0
\$ / R	On	04/06/2019	Foreign Exchange Future			14.16150		14.08260			0.0000	0.00	0	74
\$ / R	On	10/06/2019	Foreign Exchange Future			14.17220		14.09320			0.0000	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Future			14.17930		14.10020			0.0000	34,994,512.40	2,468	110,130
\$ / R	On	20/06/2019	Foreign Exchange Future			14.18990		14.11080			0.0000	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Future			14.20410		14.12490			0.0000	0.00	0	2,140
\$ / R	On	01/07/2019	Foreign Exchange Future			14.20940		14.13020			0.0000	0.00	0	55
\$ / R	On	03/07/2019	Foreign Exchange Future			14.21290		14.13370			0.0000	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Future			14.26280		14.18310			0.0000	0.00	0	682
\$ / R	On	01/08/2019	Foreign Exchange Future			14.26450		14.18490			0.0000	0.00	0	55
\$ / R	On	13/08/2019	Foreign Exchange Future			14.28570		14.20600			0.0000	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Future			14.31560		14.23590			0.0000	0.00	0	1,678
\$ / R	On	02/09/2019	Foreign Exchange Future			14.32100		14.24120			0.0000	0.00	0	55
\$ / R	On	04/09/2019	Foreign Exchange Future			14.32450		14.24480			0.0000	0.00	0	74
\$ / R	On	05/09/2019	Foreign Exchange Future			14.32630		14.24660			0.0000	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Future			14.34600		14.26610			0.0000	71,730.00	5	22,822
\$ / R	On	30/09/2019	Foreign Exchange Future			14.37110		14.29090			0.0000	0.00	0	53
\$ / R	On	02/10/2019	Foreign Exchange Future			14.37460		14.29450			0.0000	0.00	0	55
\$ / R	On	31/10/2019	Foreign Exchange Future			14.42580		14.34600			0.0000	0.00	0	108
\$ / R	On	29/11/2019	Foreign Exchange Future			14.47660		14.39790			0.0000	0.00	0	52
\$ / R	On	02/12/2019	Foreign Exchange Future			14.48200		14.40330			0.0000	0.00	0	55
\$ / R	On	04/12/2019	Foreign Exchange Future			14.48570		14.40690			0.0000	0.00	0	321
\$ / R	On	13/12/2019	Foreign Exchange Future			14.50210		14.42300			0.0000	0.00	0	10,863
\$ / R	On	31/12/2019	Foreign Exchange Future			14.53510		14.45530			0.0000	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Future			14.53880		14.45900			0.0000	0.00	0	55
\$ / R	On	31/01/2020	Foreign Exchange Future			14.59050		14.51180			0.0000	0.00	0	55
\$ / R	On	28/02/2020	Foreign Exchange Future			14.64070		14.56190			0.0000	0.00	0	3,500
\$ / R	On	02/03/2020	Foreign Exchange Future			14.64620		14.56750			0.0000	0.00	0	55
\$ / R	On	16/03/2020	Foreign Exchange Future			14.67220		14.59370			0.0000	0.00	0	4,566
\$ / R	On	02/04/2020	Foreign Exchange Future			14.70370		14.62550			0.0000	0.00	0	55
\$ / R	On	29/04/2020	Foreign Exchange Future			14.75380		14.67600			0.0000	0.00	0	55
\$ / R	On	02/06/2020	Foreign Exchange Future			14.81690		14.73970			0.0000	0.00	0	1,055
\$ / R	On	12/06/2020	Foreign Exchange Future			14.83580		14.75870			0.0000	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Future			14.92280		14.84600			0.0000	0.00	0	84,000
\$ / R	On	14/09/2020	Foreign Exchange Future			15.01540		14.93860			0.0000	0.00	0	0
Total \$ / R Future												972,563,429.30	69,254	1,089,909
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Put			0.02680	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	12.83	Call			1,090.92680	1,169.800	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Call			920.93510	999.800	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.00	Put			0.03510	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Call			1.08920	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.25	Put			330.18920	250.200	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Put			1,349.11980	1,270.200	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.27	Call			0.01980	0.000	15.75	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	28/02/2019	Foreign Exchange Option	14.52	Put		599.20860	520.200	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.52	Call		0.10860	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.75	Put		829.14080	750.200	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.75	Call		0.04080	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Call		1.81180	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	14.20	Put		280.91180	200.200	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Put		1,709.11220	1,630.200	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	15.63	Call		0.01220	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.70	Call		223.91340	299.800	15.75	1.0000	0.00	0	0
\$ / R	On	28/02/2019	Foreign Exchange Option	13.70	Put		3.01340	0.000	15.75	0.0000	0.00	0	0
\$ / R	On	04/03/2019	Foreign Exchange Option	14.34	Put		420.87880	344.678	16.98	0.9059	0.00	0	0
\$ / R	On	04/03/2019	Foreign Exchange Option	14.34	Call		8.27880	10.878	16.98	0.0941	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.70	Put		26.32340	13.057	15.39	0.1070	0.00	0	100,000
\$ / R	On	05/03/2019	Foreign Exchange Option	13.70	Call		255.32340	320.857	15.39	0.8930	0.00	0	100,000
\$ / R	On	05/03/2019	Foreign Exchange Option	13.45	Call		485.08680	560.352	17.57	0.9765	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.45	Put		6.08680	2.552	17.57	0.0235	0.00	0	100,000
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Put		469.12460	393.736	17.02	0.9101	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	14.39	Call		8.12460	11.536	17.02	0.0899	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.50	Put		8.18980	3.543	17.13	0.0320	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.50	Call		437.18980	511.343	17.13	0.9680	0.00	0	50,000
\$ / R	On	05/03/2019	Foreign Exchange Option	13.40	Put		4.52220	1.840	18.00	0.0172	0.00	0	0
\$ / R	On	05/03/2019	Foreign Exchange Option	13.40	Call		533.52220	609.640	18.00	0.9828	0.00	0	50,000
\$ / R	On	08/03/2019	Foreign Exchange Option	13.70	Put		41.41760	26.399	15.31	0.1571	0.00	0	25,000
\$ / R	On	08/03/2019	Foreign Exchange Option	13.70	Call		275.31760	338.999	15.31	0.8429	0.00	0	0
\$ / R	On	11/03/2019	Foreign Exchange Option	13.94	Call		130.36720	172.504	13.43	0.5986	0.00	0	0
\$ / R	On	11/03/2019	Foreign Exchange Option	13.94	Put		131.46720	94.904	13.43	0.4014	0.00	0	27,500
\$ / R	On	11/03/2019	Foreign Exchange Option	15.15	Put		1,212.49230	1,134.048	19.24	0.9895	0.00	0	0
\$ / R	On	11/03/2019	Foreign Exchange Option	15.15	Call		1.39230	1.648	19.24	0.0105	0.00	0	27,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Call		2.83840	4.079	18.95	0.0192	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.32	Put		1,372.43840	1,294.979	18.95	0.9808	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Call		2.74860	3.955	18.98	0.0186	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.33	Put		1,382.34860	1,304.855	18.98	0.9814	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Call		2.93120	4.206	18.92	0.0197	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.31	Put		1,362.53120	1,285.106	18.92	0.9803	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Call		131.76510	166.429	14.21	0.4875	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.05	Put		231.36510	187.329	14.21	0.5125	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Call		2,150.49580	2,229.191	23.72	0.9995	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.80	Put		0.09580	0.091	23.72	0.0005	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Call		1,890.60780	1,969.293	22.21	0.9990	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.06	Put		0.20780	0.193	22.21	0.0010	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Put		24.03850	16.215	13.79	0.0819	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.45	Call		524.43850	595.315	13.79	0.9181	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Call		2,450.44050	2,529.139	25.46	0.9998	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.50	Put		0.04050	0.039	25.46	0.0002	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Call		3,620.40000	3,699.115	36.05	0.9999	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	10.33	Put		0.00000	0.015	36.05	0.0001	0.00	0	1,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Call			2,210.48050	2,289.177	24.06	0.9996	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	11.74	Put			0.08050	0.077	24.06	0.0004	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			569.30420	502.446	15.97	0.8089	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			39.70420	51.546	15.97	0.1911	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Call			1,192.12980	1,270.677	17.99	0.9916	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.76	Put			1.72980	1.577	17.99	0.0084	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Call			288.37360	346.546	14.00	0.7460	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.75	Put			87.97360	67.446	14.00	0.2540	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Put			1,018.68500	943.336	17.77	0.9461	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.96	Call			9.08500	12.435	17.77	0.0539	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Put			1,253.77970	1,176.806	18.56	0.9729	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	15.20	Call			4.17970	5.906	18.56	0.0271	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Call			515.66500	586.234	13.79	0.9142	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.46	Put			25.26500	17.135	13.79	0.0858	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Put			1,501.63470	1,423.641	19.37	0.9868	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.45	Call			2.03470	2.741	19.37	0.0132	0.00	0	20,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Put			415.79100	356.366	15.23	0.7083	0.00	0	3,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.30	Call			66.19100	85.466	15.23	0.2917	0.00	0	250
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Put			1,591.25830	1,513.126	19.83	0.9893	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.54	Call			1.65830	2.226	19.83	0.0107	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Call			1,481.14740	1,559.770	19.83	0.9965	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.47	Put			0.74740	0.670	19.83	0.0035	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Call			219.41320	271.318	14.07	0.6568	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.86	Put			129.01320	102.218	14.07	0.3432	0.00	0	721
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Call			1,441.25060	1,519.859	19.60	0.9960	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.51	Put			0.85060	0.759	19.60	0.0040	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Call			197.06120	246.535	14.10	0.6221	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.90	Put			146.66120	117.435	14.10	0.3779	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Put			1,224.20540	1,147.381	18.46	0.9704	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.17	Call			4.60540	6.481	18.46	0.0296	0.00	0	720
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Put			3,129.79570	3,051.097	27.94	0.9992	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.08	Call			0.19570	0.197	27.94	0.0008	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Call			44.49810	57.743	15.81	0.2105	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.44	Put			534.09810	468.643	15.81	0.7895	0.00	0	7,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Call			953.94070	1,032.161	16.25	0.9834	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.00	Put			3.54070	3.061	16.25	0.0166	0.00	0	15,434
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Call			1,053.00760	1,131.405	16.98	0.9876	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.90	Put			2.60760	2.305	16.98	0.0124	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Call			150.38730	190.865	14.17	0.5326	0.00	0	100
\$ / R	On	18/03/2019	Foreign Exchange Option	14.00	Put			199.98730	161.765	14.17	0.4674	0.00	0	29,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Call			70.02420	90.312	15.15	0.3050	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.28	Put			399.62420	341.212	15.15	0.6950	0.00	0	7,028
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Call			34.42830	44.696	16.18	0.1689	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.53	Put			614.02830	545.596	16.18	0.8311	0.00	0	108
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Put			1,511.58830	1,433.578	19.42	0.9871	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.46	Call			1.98830	2.678	19.42	0.0129	0.00	0	108

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	17.09	Put			3,139.79560	3,061.096	28.00	0.9992	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.09	Call			0.19560	0.196	28.00	0.0008	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Call			14.25770	19.172	17.31	0.0797	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.82	Put			883.85770	810.072	17.31	0.9203	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Put			1,940.40180	1,861.960	21.60	0.9950	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.89	Call			0.80180	1.060	21.60	0.0050	0.00	0	4,145
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Put			3,549.79510	3,471.064	30.63	0.9993	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.50	Call			0.19510	0.164	30.63	0.0007	0.00	0	16,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Call			57.46840	74.381	15.44	0.2603	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.35	Put			457.06840	395.282	15.44	0.7397	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Put			1,710.87700	1,632.606	20.44	0.9918	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.66	Call			1.27700	1.706	20.44	0.0082	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Put			2,649.84900	2,571.218	25.20	0.9986	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.60	Call			0.24900	0.318	25.20	0.0014	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Call			31.60670	41.020	16.30	0.1568	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.56	Put			641.20670	571.920	16.30	0.8432	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Put			2,180.11730	2,101.576	22.82	0.9968	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			0.51730	0.676	22.82	0.0032	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Call			1,033.16970	1,111.537	16.83	0.9869	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.92	Put			2.76970	2.437	16.83	0.0131	0.00	0	139,342
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Call			37.50320	48.692	16.06	0.1819	0.00	0	225,780
\$ / R	On	18/03/2019	Foreign Exchange Option	14.50	Put			587.10320	519.592	16.06	0.8181	0.00	0	50
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put			2,050.25210	1,971.757	22.16	0.9959	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call			0.65210	0.857	22.16	0.0041	0.00	0	1,906
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Call			835.58820	913.465	15.38	0.9760	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.12	Put			5.18820	4.365	15.38	0.0240	0.00	0	138,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Put			1,860.53790	1,782.144	21.20	0.9941	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.81	Call			0.93790	1.244	21.20	0.0059	0.00	0	10
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Call			605.42750	678.712	13.72	0.9473	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.36	Put			15.02750	9.612	13.72	0.0527	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Call			708.40630	785.638	14.44	0.9639	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.25	Put			8.00630	6.538	14.44	0.0361	0.00	0	225,407
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Put			2,429.94370	2,351.344	24.08	0.9979	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.38	Call			0.34370	0.444	24.08	0.0021	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Call			323.18350	383.958	13.96	0.7827	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.70	Put			72.78350	54.858	13.96	0.2173	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Call			13.80750	18.591	17.35	0.0775	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.83	Put			893.40750	819.491	17.35	0.9225	0.00	0	10,010
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Call			337.67850	399.443	13.95	0.7965	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.68	Put			67.27850	50.343	13.95	0.2035	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Call			18.40740	24.464	17.04	0.0990	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.74	Put			808.00740	735.364	17.04	0.9010	0.00	0	24,325
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Call			13.37150	18.026	17.38	0.0754	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.84	Put			902.97150	828.926	17.38	0.9246	0.00	0	134,750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Call			262.05300	318.026	14.02	0.7148	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.79	Put			101.65300	78.926	14.02	0.2852	0.00	0	262,812

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	17.02	Put			3,069.79660	2,991.104	27.55	0.9991	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.02	Call			0.19660	0.204	27.55	0.0009	0.00	0	262,812
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Put			3,149.79550	3,071.095	28.07	0.9992	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.10	Call			0.19550	0.195	28.07	0.0008	0.00	0	2,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Put			3,279.79450	3,201.083	28.90	0.9992	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.23	Call			0.19450	0.183	28.90	0.0008	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Call			135.32050	171.136	14.20	0.4965	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.04	Put			224.92050	182.036	14.20	0.5035	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			4,049.80420	3,971.043	33.84	0.9995	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			0.20420	0.143	33.84	0.0005	0.00	0	14,200
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Put			4,449.71060	4,370.992	35.45	0.9997	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	18.40	Call			0.11060	0.092	35.45	0.0003	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Call			5.41410	7.568	18.29	0.0342	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.12	Put			1,175.01410	1,098.468	18.29	0.9658	0.00	0	99,824
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Call			4.31700	6.092	18.52	0.0279	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.19	Put			1,243.91700	1,166.992	18.52	0.9721	0.00	0	41,300
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Put			3,019.79750	2,941.110	27.23	0.9991	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.97	Call			0.19750	0.210	27.23	0.0009	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Put			3,009.79770	2,931.111	27.17	0.9991	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.96	Call			0.19770	0.211	27.17	0.0009	0.00	0	12,600
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Call			5.24170	7.337	18.33	0.0332	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.13	Put			1,184.84170	1,108.237	18.33	0.9668	0.00	0	7,100
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Call			309.01060	368.765	13.97	0.7684	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.72	Put			78.61060	59.665	13.97	0.2316	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Put			2,629.85600	2,551.227	25.10	0.9985	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.58	Call			0.25600	0.327	25.10	0.0015	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Call			7.01420	9.701	18.03	0.0429	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.04	Put			1,096.61420	1,020.601	18.03	0.9571	0.00	0	63,500
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Put			3,349.79430	3,271.078	29.35	0.9993	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.30	Call			0.19430	0.178	29.35	0.0007	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Call			439.11520	506.559	13.86	0.8738	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.55	Put			38.71520	27.459	13.86	0.1262	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Call			904.54330	982.642	15.89	0.9807	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.05	Put			4.14330	3.542	15.89	0.0193	0.00	0	1,155
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Put			2,349.98980	2,271.405	23.68	0.9977	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.30	Call			0.38980	0.505	23.68	0.0023	0.00	0	10,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Put			1,551.41450	1,473.340	19.63	0.9883	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.50	Call			1.81450	2.440	19.63	0.0117	0.00	0	3,050
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Call			806.12320	883.883	15.17	0.9737	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.15	Put			5.72320	4.783	15.17	0.0263	0.00	0	10,125
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Call			481.08430	550.347	13.82	0.8976	79,800.30	145	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.50	Put			30.68430	21.247	13.82	0.1024	0.00	0	7,550
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Call			398.70150	464.120	13.89	0.8467	0.00	0	500
\$ / R	On	18/03/2019	Foreign Exchange Option	13.60	Put			48.30150	35.020	13.89	0.1533	0.00	0	6,570
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Call			24.46880	31.684	16.67	0.1249	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.65	Put			724.06880	652.584	16.67	0.8751	0.00	0	10,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Call			5.77610	8.053	18.23	0.0362	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.10	Put			1,155.37610	1,078.953	18.23	0.9638	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Call			633.13500	707.571	13.86	0.9531	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.33	Put			12.73500	8.471	13.86	0.0469	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Put			1,571.33430	1,493.230	19.73	0.9888	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.52	Call			1.73430	2.330	19.73	0.0112	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Put			1,880.50140	1,802.095	21.30	0.9943	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.83	Call			0.90140	1.195	21.30	0.0057	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Put			1,047.84570	972.230	17.87	0.9505	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.99	Call			8.24570	11.330	17.87	0.0495	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Call			87.55970	112.290	14.82	0.3626	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.20	Put			337.15970	283.190	14.82	0.6374	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Put			2,030.27660	1,951.790	22.06	0.9958	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.98	Call			0.67660	0.890	22.06	0.0042	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Call			43.24820	56.131	15.85	0.2055	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.45	Put			542.84820	477.031	15.85	0.7945	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Call			14.72170	19.772	17.28	0.0819	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.81	Put			874.32170	800.672	17.28	0.9181	0.00	0	135,043
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Put			1,057.58330	981.884	17.90	0.9519	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.00	Call			7.98330	10.984	17.90	0.0481	0.00	0	1,260
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Call			569.00760	641.298	13.75	0.9355	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.40	Put			18.60760	12.198	13.75	0.0645	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Call			47.10590	61.104	15.73	0.2208	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.42	Put			516.70590	452.004	15.73	0.7792	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Call			1,152.34110	1,230.854	17.70	0.9907	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	12.80	Put			1.94110	1.754	17.70	0.0093	0.00	0	7,520
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Put			1,273.51800	1,196.452	18.62	0.9744	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.22	Call			3.91800	5.552	18.62	0.0256	0.00	0	2,785
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Call			225.23220	277.733	14.07	0.6653	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.85	Put			124.83220	98.634	14.07	0.3347	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call			1.45280	1.946	20.13	0.0093	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put			1,651.05280	1,572.845	20.13	0.9907	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Put			1,451.88690	1,374.091	19.21	0.9848	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.40	Call			2.28690	3.191	19.21	0.0152	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Put			864.80060	791.289	17.25	0.9158	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.80	Call			15.20060	20.389	17.25	0.0842	0.00	0	2,000
\$ / R	On	18/03/2019	Foreign Exchange Option	14.25	Put			375.77090	318.952	15.03	0.6742	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.25	Call			76.17090	98.052	15.03	0.3258	0.00	0	750
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Call			383.00810	447.560	13.90	0.8349	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.62	Put			52.60810	38.460	13.90	0.1651	0.00	0	6,432
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			551.63380	485.460	15.89	0.7994	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			42.03380	54.560	15.89	0.2006	0.00	0	6,332
\$ / R	On	18/03/2019	Foreign Exchange Option	13.82	Call			243.23700	297.499	14.04	0.6904	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.82	Put			112.83700	88.399	14.04	0.3096	0.00	0	2,100
\$ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call			0.19430	0.175	29.54	0.0007	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put			3,379.79430	3,301.075	29.54	0.9993	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	19.65	Put			5,699.60360	5,620.903	35.45	1.0000	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call			0.00360	0.003	35.45	0.0000	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.95	Put			170.81160	138.468	14.14	0.4224	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	13.95	Call			171.21160	217.568	14.14	0.5776	0.00	0	1,000
\$ / R	On	18/03/2019	Foreign Exchange Option	16.18	Put			2,230.07490	2,151.519	23.07	0.9971	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	16.18	Call			0.47490	0.619	23.07	0.0029	0.00	0	1,800
\$ / R	On	18/03/2019	Foreign Exchange Option	15.25	Put			1,303.15640	1,225.960	18.72	0.9765	0.00	0	0
\$ / R	On	18/03/2019	Foreign Exchange Option	15.25	Call			3.55640	5.060	18.72	0.0235	0.00	0	1,500
\$ / R	On	22/03/2019	Foreign Exchange Option	13.80	Put			119.93980	97.371	14.14	0.3067	0.00	0	0
\$ / R	On	22/03/2019	Foreign Exchange Option	13.80	Call			276.93980	332.971	14.14	0.6933	0.00	0	30,000
\$ / R	On	22/03/2019	Foreign Exchange Option	14.20	Put			352.83920	305.098	15.40	0.6138	0.00	0	0
\$ / R	On	22/03/2019	Foreign Exchange Option	14.20	Call			109.83920	140.698	15.40	0.3862	0.00	0	30,000
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Put			0.75180	0.864	19.42	0.0037	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	12.21	Call			1,755.95180	1,834.764	19.42	0.9963	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Call			199.93400	249.174	14.89	0.5389	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.00	Put			234.73400	205.274	14.89	0.4611	0.00	0	65,000
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Call			69.96260	91.788	16.68	0.2477	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	14.50	Put			604.76260	547.888	16.68	0.7523	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Call			256.63020	313.519	14.66	0.6234	0.00	0	0
\$ / R	On	27/03/2019	Foreign Exchange Option	13.88	Put			171.43020	149.619	14.66	0.3766	0.00	0	32,000
\$ / R	On	28/03/2019	Foreign Exchange Option	13.84	Put			157.36480	138.241	14.69	0.3510	0.00	0	0
\$ / R	On	28/03/2019	Foreign Exchange Option	13.84	Call			284.26480	343.841	14.69	0.6490	0.00	0	15,000
\$ / R	On	28/03/2019	Foreign Exchange Option	14.00	Put			238.54050	210.165	14.99	0.4605	0.00	0	0
\$ / R	On	28/03/2019	Foreign Exchange Option	14.00	Call			205.44050	255.765	14.99	0.5395	0.00	0	6,500
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Put			1,826.23130	1,749.832	20.58	0.9765	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.79	Call			4.73130	7.032	20.58	0.0235	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.40	Put			527.16620	476.480	16.47	0.6954	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.40	Call			95.66620	123.680	16.47	0.3046	0.00	0	600
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Put			1,472.85900	1,398.333	19.76	0.9513	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	15.43	Call			11.35900	15.533	19.76	0.0487	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Call			142.90290	180.830	15.73	0.4122	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.20	Put			374.40290	333.629	15.73	0.5878	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Call			129.32490	164.609	15.92	0.3832	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.25	Put			410.82490	367.409	15.92	0.6168	0.00	0	250
\$ / R	On	29/03/2019	Foreign Exchange Option	13.45	Call			562.60080	635.279	14.11	0.8670	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.45	Put			44.10080	38.079	14.11	0.1330	0.00	0	600
\$ / R	On	29/03/2019	Foreign Exchange Option	13.87	Put			175.27190	155.252	14.86	0.3730	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	13.87	Call			273.77190	332.452	14.86	0.6270	0.00	0	600
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Put			9.05340	10.070	15.82	0.0393	0.00	0	500
\$ / R	On	29/03/2019	Foreign Exchange Option	13.00	Call			977.55340	1,057.270	15.82	0.9607	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Put			757.01480	696.167	17.46	0.8043	0.00	0	0
\$ / R	On	29/03/2019	Foreign Exchange Option	14.67	Call			55.51480	73.367	17.46	0.1957	0.00	0	500
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Put			14.41920	14.467	15.38	0.0520	0.00	0	0
\$ / R	On	02/04/2019	Foreign Exchange Option	13.05	Call			939.61920	1,018.367	15.38	0.9480	0.00	0	0
\$ / R	On	04/04/2019	Foreign Exchange Option	14.00	Put			262.69550	234.915	15.15	0.4560	0.00	0	0
\$ / R	On	04/04/2019	Foreign Exchange Option	14.00	Call			241.19550	292.215	15.15	0.5440	0.00	0	30,000

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	05/04/2019	Foreign Exchange Option	14.35	Put			505.00750	458.240	16.29	0.6462	0.00	0	0
\$ / R	On	05/04/2019	Foreign Exchange Option	14.35	Call			135.20750	167.240	16.29	0.3538	0.00	0	100
\$ / R	On	05/04/2019	Foreign Exchange Option	13.76	Put			153.00220	135.436	14.80	0.3135	0.00	0	100
\$ / R	On	05/04/2019	Foreign Exchange Option	13.76	Call			373.20220	434.436	14.80	0.6865	0.00	0	0
\$ / R	On	15/04/2019	Foreign Exchange Option	14.11	Put			359.87620	321.151	15.23	0.5070	0.00	0	0
\$ / R	On	15/04/2019	Foreign Exchange Option	14.11	Call			246.77620	287.151	15.23	0.4930	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Put			1,110.45550	1,043.968	17.80	0.8127	0.00	0	0
\$ / R	On	26/04/2019	Foreign Exchange Option	15.04	Call			85.65550	98.568	17.80	0.1873	0.00	0	0
\$ / R	On	29/04/2019	Foreign Exchange Option	14.11	Put			390.56030	348.631	15.06	0.4926	0.00	0	0
\$ / R	On	29/04/2019	Foreign Exchange Option	14.11	Call			300.76030	338.331	15.06	0.5074	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Put			1,633.44610	1,560.027	18.99	0.8980	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.61	Call			45.34610	51.427	18.99	0.1020	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Put			1,966.24530	1,889.924	19.54	0.9344	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	15.96	Call			28.14530	31.324	19.54	0.0656	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Put			940.07200	876.528	17.14	0.7560	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.84	Call			121.97200	137.928	17.14	0.2440	0.00	0	500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Call			257.03260	288.271	15.47	0.4467	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.25	Put			485.13260	436.871	15.47	0.5533	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Call			1,054.03150	1,127.449	13.87	0.9283	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.00	Put			32.13150	26.048	13.87	0.0717	0.00	0	3,000
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Put			119.57900	100.288	14.06	0.2120	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	13.49	Call			651.47900	711.688	14.06	0.7880	0.00	0	2,500
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Call			273.66600	306.638	15.33	0.4682	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	14.20	Put			451.76600	405.238	15.33	0.5318	0.00	0	250
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Put			25.17440	20.203	13.85	0.0578	0.00	0	0
\$ / R	On	30/04/2019	Foreign Exchange Option	12.92	Call			1,127.07440	1,201.603	13.85	0.9422	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	14.20	Put			474.86100	427.379	15.54	0.5209	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	14.20	Call			312.36100	344.079	15.54	0.4791	0.00	0	50,000
\$ / R	On	09/05/2019	Foreign Exchange Option	13.86	Put			284.17510	249.855	14.89	0.3768	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.86	Call			461.67510	506.555	14.89	0.6232	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.72	Put			222.22270	192.863	14.67	0.3171	0.00	0	0
\$ / R	On	09/05/2019	Foreign Exchange Option	13.72	Call			539.72270	589.563	14.67	0.6829	0.00	0	50,000
\$ / R	On	13/05/2019	Foreign Exchange Option	14.04	Put			385.90670	345.691	15.26	0.4519	0.00	0	0
\$ / R	On	13/05/2019	Foreign Exchange Option	14.04	Call			390.30670	429.291	15.26	0.5481	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	15.25	Put			1,315.95990	1,247.719	18.39	0.7975	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	15.25	Call			122.55990	133.319	18.39	0.2025	0.00	0	40,000
\$ / R	On	20/05/2019	Foreign Exchange Option	15.50	Put			1,538.96300	1,468.208	18.97	0.8380	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	15.50	Call			95.56300	103.808	18.97	0.1620	0.00	0	21,000
\$ / R	On	20/05/2019	Foreign Exchange Option	14.25	Put			532.68340	485.226	15.96	0.5278	0.00	0	0
\$ / R	On	20/05/2019	Foreign Exchange Option	14.25	Call			339.28340	370.826	15.96	0.4722	0.00	0	61,000
\$ / R	On	29/05/2019	Foreign Exchange Option	14.23	Put			539.73200	494.246	16.14	0.5117	0.00	0	0
\$ / R	On	29/05/2019	Foreign Exchange Option	14.23	Call			381.93200	415.246	16.14	0.4883	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Call			382.18630	416.287	16.26	0.4834	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.25	Put			556.58630	511.787	16.26	0.5166	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Put			1,806.83050	1,735.407	19.68	0.8548	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.79	Call			92.43050	99.907	19.68	0.1452	0.00	0	250

Contract Details			Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Call		400.40420	435.995	16.15	0.5004	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	14.20	Put		524.80420	481.495	16.15	0.4996	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Call		1,145.18500	1,213.292	14.48	0.8862	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.00	Put		69.58500	58.792	14.48	0.1138	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Put		1,122.83660	1,060.474	18.01	0.7270	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	15.01	Call		188.43660	204.974	18.01	0.2730	0.00	0	500
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Put		2,141.11010	2,067.022	20.34	0.8926	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	16.15	Call		66.71010	71.522	20.34	0.1074	0.00	0	250
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Put		94.41570	81.129	14.61	0.1467	0.00	0	0
\$ / R	On	31/05/2019	Foreign Exchange Option	13.14	Call		1,030.01570	1,095.629	14.61	0.8533	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Put		14.32250	13.086	16.18	0.0283	0.00	0	0
\$ / R	On	03/06/2019	Foreign Exchange Option	12.14	Call		1,955.22250	2,032.886	16.18	0.9717	0.00	0	0
\$ / R	On	04/06/2019	Foreign Exchange Option	14.51	Put		737.86910	686.402	16.80	0.5945	0.00	0	0
\$ / R	On	04/06/2019	Foreign Exchange Option	14.51	Call		310.46910	337.902	16.80	0.4055	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.06	Call		487.46170	528.967	15.82	0.5544	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.06	Put		454.26170	416.767	15.82	0.4456	0.00	0	18,000
\$ / R	On	10/06/2019	Foreign Exchange Option	14.15	Call		449.69260	487.761	15.96	0.5242	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.15	Put		506.49260	465.561	15.96	0.4758	0.00	0	18,000
\$ / R	On	10/06/2019	Foreign Exchange Option	14.25	Call		411.79300	447.011	16.18	0.4915	0.00	0	0
\$ / R	On	10/06/2019	Foreign Exchange Option	14.25	Put		568.59300	524.811	16.18	0.5085	0.00	0	18,000
\$ / R	On	10/06/2019	Foreign Exchange Option	13.83	Put		336.31590	305.127	15.45	0.3669	0.00	0	45,000
\$ / R	On	10/06/2019	Foreign Exchange Option	13.83	Call		599.51590	647.327	15.45	0.6331	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Put		46.63630	38.623	14.20	0.0768	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Put		1,814.25550	1,744.270	19.50	0.8359	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.80	Call		114.45550	123.570	19.50	0.1641	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Call		3,411.90950	3,490.676	19.43	0.9970	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	10.69	Put		1.70950	1.376	19.43	0.0030	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Put		980.39850	923.333	17.46	0.6637	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Call		1,842.37860	1,918.784	15.56	0.9606	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.28	Put		22.17860	19.484	15.56	0.0394	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Put		799.85790	747.860	16.93	0.6025	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.58	Call		320.05790	347.160	16.93	0.3975	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.75	Call		1,396.83630	1,467.924	14.20	0.9232	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Put		653.30620	606.403	16.47	0.5423	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Call		380.21280	412.157	16.49	0.4547	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.38	Put		660.01280	612.857	16.49	0.5453	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Call		386.82510	419.278	16.45	0.4608	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.36	Put		646.62510	599.978	16.45	0.5392	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.30	Call		174.07030	188.141	18.50	0.2378	0.00	0	14,000
\$ / R	On	14/06/2019	Foreign Exchange Option	13.35	Call		910.14610	971.191	14.77	0.7872	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.35	Put		159.94610	141.890	14.77	0.2128	0.00	0	4,317
\$ / R	On	14/06/2019	Foreign Exchange Option	13.30	Call		946.68400	1,008.690	14.73	0.8013	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.30	Put		146.48400	129.390	14.73	0.1987	0.00	0	143,800
\$ / R	On	14/06/2019	Foreign Exchange Option	14.37	Call		383.50620	415.703	16.47	0.4577	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.60	Call		135.69820	146.899	19.14	0.1911	0.00	0	143,800
\$ / R	On	14/06/2019	Foreign Exchange Option	13.10	Call		1,100.69360	1,166.350	14.53	0.8532	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	13.10	Put			100.49360	87.050	14.53	0.1468	0.00	0	14,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.00	Put			1,123.42460	1,063.083	17.85	0.7043	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.00	Call			223.62460	242.383	17.85	0.2957	0.00	0	17,500
\$ / R	On	14/06/2019	Foreign Exchange Option	15.30	Put			1,373.87030	1,308.841	18.50	0.7622	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.50	Call			807.64110	864.438	14.95	0.7420	0.00	0	7,500
\$ / R	On	14/06/2019	Foreign Exchange Option	14.30	Call			407.34380	441.369	16.32	0.4791	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.30	Put			607.14380	562.069	16.32	0.5209	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.65	Call			1,488.52350	1,562.675	14.49	0.9333	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.65	Put			38.32350	33.375	14.49	0.0667	0.00	0	1,050
\$ / R	On	14/06/2019	Foreign Exchange Option	15.60	Put			1,635.49820	1,567.599	19.14	0.8089	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.60	Call			744.54110	798.768	15.12	0.7098	0.00	0	700
\$ / R	On	14/06/2019	Foreign Exchange Option	14.35	Put			639.97240	593.583	16.43	0.5362	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.35	Call			390.17240	422.883	16.43	0.4638	0.00	0	1,050
\$ / R	On	14/06/2019	Foreign Exchange Option	13.25	Call			984.02620	1,046.975	14.68	0.8150	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.25	Put			133.82620	117.675	14.68	0.1850	0.00	0	4,582
\$ / R	On	14/06/2019	Foreign Exchange Option	13.50	Put			207.44110	185.138	14.95	0.2580	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.25	Put			575.06020	531.323	16.21	0.5053	0.00	0	1,282
\$ / R	On	14/06/2019	Foreign Exchange Option	13.90	Put			377.12430	344.399	15.61	0.3903	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.90	Call			577.32430	623.699	15.61	0.6097	0.00	0	100
\$ / R	On	14/06/2019	Foreign Exchange Option	14.20	Call			443.93950	480.671	16.10	0.5106	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.20	Put			543.73950	501.371	16.10	0.4894	0.00	0	13,600
\$ / R	On	14/06/2019	Foreign Exchange Option	13.60	Put			244.34110	219.468	15.12	0.2902	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.89	Call			106.10270	114.390	19.65	0.1533	0.00	0	6,800
\$ / R	On	14/06/2019	Foreign Exchange Option	16.09	Put			2,079.64470	2,007.225	20.01	0.8684	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	16.09	Call			89.84470	96.525	20.01	0.1316	0.00	0	6,800
\$ / R	On	14/06/2019	Foreign Exchange Option	15.50	Put			1,547.68140	1,480.106	18.93	0.7945	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.50	Call			147.88140	159.406	18.93	0.2055	0.00	0	145,182
\$ / R	On	14/06/2019	Foreign Exchange Option	14.25	Call			425.26020	460.623	16.21	0.4947	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.07	Put			466.66460	429.559	15.89	0.4470	0.00	0	39,589
\$ / R	On	14/06/2019	Foreign Exchange Option	15.64	Put			1,670.93040	1,602.586	19.21	0.8146	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.64	Call			131.13040	141.886	19.21	0.1854	0.00	0	39,589
\$ / R	On	14/06/2019	Foreign Exchange Option	14.65	Call			301.38140	326.918	17.09	0.3788	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.65	Put			851.18140	797.619	17.09	0.6212	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.89	Put			1,895.90270	1,825.090	19.65	0.8467	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.32	Call			171.22920	185.023	18.54	0.2344	0.00	0	1,980
\$ / R	On	14/06/2019	Foreign Exchange Option	14.00	Call			528.78240	572.568	15.77	0.5762	0.00	0	23,500
\$ / R	On	14/06/2019	Foreign Exchange Option	14.00	Put			428.58240	393.268	15.77	0.4238	0.00	0	301,700
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Call			306.59860	332.575	17.04	0.3841	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.63	Put			836.39860	783.275	17.04	0.6159	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	14.07	Call			496.86460	538.859	15.89	0.5530	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Call			23.05850	21.170	22.95	0.0322	0.00	0	8,203
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Put			1,205.36640	1,143.337	18.07	0.7249	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.10	Call			205.56640	222.637	18.07	0.2751	0.00	0	1,500
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Put			687.13050	638.963	16.58	0.5571	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.42	Call			367.33050	398.263	16.58	0.4429	0.00	0	30
\$ / R	On	14/06/2019	Foreign Exchange Option	15.32	Put			1,391.02920	1,325.723	18.54	0.7656	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	16.00	Call		96.79130	104.158	19.85	0.1410	0.00	0	20
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Call		1,182.10890	1,249.453	14.44	0.8760	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.00	Put		81.90890	70.153	14.44	0.1240	0.00	0	165,703
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Call		587.45480	634.351	15.57	0.6164	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.88	Put		367.25480	335.051	15.57	0.3836	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	17.96	Put		3,882.85850	3,801.870	22.95	0.9678	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Call		133.39230	144.369	19.18	0.1882	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Put		418.01310	383.211	15.74	0.4171	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.98	Call		538.21310	582.511	15.74	0.5829	0.00	0	1,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Put		1,923.26800	1,852.196	19.71	0.8502	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.92	Call		103.46800	111.496	19.71	0.1498	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	16.00	Put		1,996.59130	1,924.858	19.85	0.8590	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Put		343.20900	312.314	15.49	0.3667	0.00	0	25,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Put		1,591.45060	1,523.709	19.04	0.8018	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	15.55	Call		141.65060	153.009	19.04	0.1982	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Call		991.59060	1,054.724	14.67	0.8177	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.24	Put		131.39060	115.424	14.67	0.1823	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	15.62	Put		1,653.19230	1,585.069	19.18	0.8118	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	14.82	Call		260.59850	282.633	17.46	0.3363	0.00	0	30,000
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Call		1,198.71860	1,266.388	14.42	0.8803	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	12.98	Put		78.51860	67.088	14.42	0.1197	0.00	0	911
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Put		106.62140	92.653	14.56	0.1541	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.13	Call		1,076.82140	1,141.953	14.56	0.8459	0.00	0	0
\$ / R	On	14/06/2019	Foreign Exchange Option	13.83	Call		613.40900	661.614	15.49	0.6333	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Put		907.90050	853.689	17.17	0.6323	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	14.72	Call		298.70050	323.589	17.17	0.3677	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Put		3,151.50920	3,073.690	21.81	0.9385	0.00	0	0
\$ / R	On	20/06/2019	Foreign Exchange Option	17.22	Call		42.30920	43.590	21.81	0.0615	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Put		2,287.25640	2,214.454	20.17	0.8734	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	16.32	Call		92.15640	98.554	20.17	0.1266	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Call		466.22950	503.038	16.16	0.5046	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.25	Put		591.32950	548.938	16.16	0.4954	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Put		1,956.55520	1,886.440	19.57	0.8371	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Call		224.31420	242.129	18.07	0.2799	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	15.96	Call		121.45520	130.540	19.57	0.1629	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Call		485.31380	523.428	16.05	0.5196	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	14.20	Put		560.41380	519.328	16.05	0.4804	0.00	0	250
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Put		93.46760	81.239	14.40	0.1327	0.00	0	500
\$ / R	On	28/06/2019	Foreign Exchange Option	13.00	Call		1,218.36760	1,285.339	14.40	0.8673	0.00	0	0
\$ / R	On	28/06/2019	Foreign Exchange Option	15.17	Put		1,269.41420	1,208.029	18.07	0.7201	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Put		135.65180	120.066	14.55	0.1778	0.00	0	0
\$ / R	On	01/07/2019	Foreign Exchange Option	13.19	Call		1,075.85180	1,139.466	14.55	0.8222	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Put		2,396.46080	2,323.390	20.28	0.8784	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	16.44	Call		90.16080	96.290	20.28	0.1216	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Call		894.65300	953.565	14.83	0.7515	0.00	0	0
\$ / R	On	03/07/2019	Foreign Exchange Option	13.45	Put		210.95300	190.665	14.83	0.2485	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	31/07/2019	Foreign Exchange Option	16.50	Put			2,437.98380	2,366.309	19.98	0.8558	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	16.50	Call			121.08380	129.109	19.98	0.1442	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Call			557.03300	597.223	16.05	0.5242	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.25	Put			623.93300	584.423	16.05	0.4758	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Put			2,110.53830	2,041.631	19.45	0.8210	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Call			263.40880	282.246	18.10	0.2869	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	16.14	Call			153.63830	164.431	19.45	0.1790	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Call			576.86290	618.702	15.97	0.5376	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	14.20	Put			593.76290	555.902	15.97	0.4624	0.00	0	250
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Put			119.32290	105.919	14.36	0.1483	0.00	0	500
\$ / R	On	31/07/2019	Foreign Exchange Option	13.00	Call			1,302.42290	1,368.719	14.36	0.8517	0.00	0	0
\$ / R	On	31/07/2019	Foreign Exchange Option	15.34	Put			1,420.30880	1,359.446	18.10	0.7131	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Put			177.72270	160.541	14.60	0.2024	0.00	0	0
\$ / R	On	01/08/2019	Foreign Exchange Option	13.24	Call			1,122.62270	1,185.041	14.60	0.7976	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Put			780.68830	736.685	16.41	0.5266	0.00	0	3,147
\$ / R	On	13/08/2019	Foreign Exchange Option	14.48	Call			506.68830	542.385	16.41	0.4734	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Put			2,295.22920	2,225.534	19.59	0.8303	0.00	0	0
\$ / R	On	13/08/2019	Foreign Exchange Option	16.35	Call			151.22920	161.234	19.59	0.1697	0.00	0	3,147
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Put			2,606.70080	2,535.847	19.91	0.8467	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.70	Call			142.60080	151.447	19.91	0.1533	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Call			635.24410	677.853	15.98	0.5387	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.25	Put			649.34410	612.253	15.98	0.4613	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Put			2,271.60350	2,203.513	19.40	0.8131	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	16.33	Call			177.50350	189.113	19.40	0.1869	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Call			656.18050	699.665	15.90	0.5510	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	14.20	Put			620.28050	584.065	15.90	0.4490	0.00	0	250
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Put			141.45150	127.326	14.36	0.1589	0.00	0	500
\$ / R	On	30/08/2019	Foreign Exchange Option	13.00	Call			1,377.35150	1,442.926	14.36	0.8411	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Put			1,574.91310	1,514.106	18.20	0.7131	0.00	0	0
\$ / R	On	30/08/2019	Foreign Exchange Option	15.52	Call			290.81310	309.706	18.20	0.2869	0.00	0	500
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Put			218.21340	199.916	14.61	0.2211	0.00	0	0
\$ / R	On	02/09/2019	Foreign Exchange Option	13.29	Call			1,169.41340	1,230.916	14.61	0.7789	0.00	0	0
\$ / R	On	04/09/2019	Foreign Exchange Option	14.67	Put			924.05200	877.782	16.67	0.5555	0.00	0	0
\$ / R	On	04/09/2019	Foreign Exchange Option	14.67	Call			498.85200	532.282	16.67	0.4445	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Put			4,803.63870	4,726.137	23.30	0.9452	0.00	0	0
\$ / R	On	05/09/2019	Foreign Exchange Option	19.00	Call			50.23870	52.437	23.30	0.0548	0.00	0	20,000
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Call			1,840.02800	1,912.487	14.43	0.9104	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	12.50	Put			73.92800	66.487	14.43	0.0896	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Put			1,869.46570	1,806.425	18.67	0.7458	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.87	Call			265.56570	282.425	18.67	0.2542	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Call			805.10570	852.248	15.48	0.6137	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.97	Put			509.00570	476.248	15.48	0.3863	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Put			3,090.34970	3,015.402	20.49	0.8712	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.23	Call			126.44970	131.402	20.49	0.1288	0.00	0	800
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			3,522.25200	3,602.091	17.10	0.9904	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			6.15200	6.091	17.10	0.0096	0.00	0	1,000

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	17.85	Put		3,684.08330	3,606.646	21.71	0.8997	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.85	Call		100.18330	102.646	21.71	0.1003	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Call		512.56190	544.944	16.71	0.4418	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.72	Put		966.46190	918.944	16.71	0.5582	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Put		1,602.41420	1,541.650	18.14	0.7030	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.55	Call		318.51420	337.650	18.14	0.2970	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Call		316.77420	335.780	18.15	0.2955	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.56	Put		1,610.67420	1,549.780	18.15	0.7045	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Put		3,761.35290	3,683.660	21.86	0.9027	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.93	Call		97.45290	99.660	21.86	0.0973	0.00	0	2,571
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Call		695.88850	738.762	15.87	0.5556	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.21	Put		639.78850	602.762	15.87	0.4444	0.00	0	2,700
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Put		3,481.89770	3,405.196	21.29	0.8911	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	17.64	Call		107.99770	111.196	21.29	0.1089	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Call		647.25960	687.494	16.06	0.5274	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.33	Put		711.15960	671.494	16.06	0.4726	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Put		4,285.88520	4,206.761	22.92	0.9199	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.47	Call		81.98520	82.761	22.92	0.0801	0.00	0	1,200
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Put		4,439.71200	4,362.669	23.24	0.9241	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.63	Call		75.81200	78.669	23.24	0.0759	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Call		748.65020	793.629	15.67	0.5844	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.09	Put		572.55020	537.629	15.67	0.4156	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Call		349.96350	371.361	17.84	0.3224	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.38	Put		1,463.86350	1,405.360	17.84	0.6776	0.00	0	5,000
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Put		4,477.65330	4,401.133	23.28	0.9255	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.67	Call		73.75330	77.133	23.28	0.0745	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Call		834.76190	883.001	15.39	0.6285	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.91	Put		478.66190	447.001	15.39	0.3715	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Put		5,100.66680	5,022.902	23.28	0.9496	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	19.32	Call		46.76680	48.902	23.28	0.0504	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.25	Call		1,234.21340	1,295.528	14.58	0.7854	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.25	Put		218.11340	199.528	14.58	0.2146	0.00	0	3,900
\$ / R	On	16/09/2019	Foreign Exchange Option	14.00	Call		790.63780	837.233	15.53	0.6064	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.00	Put		524.53780	491.233	15.53	0.3936	0.00	0	1,000
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Call		726.22570	770.322	15.75	0.5723	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.14	Put		600.12570	564.322	15.75	0.4277	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.15	Call		1,306.29930	1,368.985	14.48	0.8067	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.15	Put		190.19930	172.985	14.48	0.1933	0.00	0	11,333
\$ / R	On	16/09/2019	Foreign Exchange Option	13.60	Put		337.67460	312.911	14.92	0.2951	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.60	Call		1,003.77460	1,058.911	14.92	0.7049	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Put		4,110.52140	4,031.824	22.57	0.9147	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.29	Call		86.62140	87.824	22.57	0.0853	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.50	Put		818.42240	775.189	16.34	0.5111	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.50	Call		584.52240	621.189	16.34	0.4889	0.00	0	14,000
\$ / R	On	16/09/2019	Foreign Exchange Option	14.65	Call		534.38700	568.102	16.59	0.4565	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.65	Put		918.28700	872.102	16.59	0.5435	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	13.70	Call			946.31120	998.462	15.05	0.6805	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.70	Put			380.21120	352.462	15.05	0.3195	0.00	0	2,000
\$ / R	On	16/09/2019	Foreign Exchange Option	13.77	Call			907.76830	958.606	15.16	0.6632	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.77	Put			411.66830	382.606	15.16	0.3368	0.00	0	28,500
\$ / R	On	16/09/2019	Foreign Exchange Option	18.27	Put			4,091.06630	4,012.420	22.53	0.9141	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	18.27	Call			87.16630	88.420	22.53	0.0859	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.65	Put			358.58760	331.777	14.97	0.3071	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.65	Call			974.68760	1,027.777	14.97	0.6929	0.00	0	5,666
\$ / R	On	16/09/2019	Foreign Exchange Option	14.12	Call			735.11920	779.568	15.72	0.5772	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	14.12	Put			589.01920	553.568	15.72	0.4228	0.00	0	177
\$ / R	On	16/09/2019	Foreign Exchange Option	15.03	Put			1,190.81870	1,137.730	17.22	0.6185	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.03	Call			426.91870	453.730	17.22	0.3815	0.00	0	177
\$ / R	On	16/09/2019	Foreign Exchange Option	15.51	Put			1,569.50090	1,509.248	18.07	0.6972	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.51	Call			325.60090	345.248	18.07	0.3028	0.00	0	28,500
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Call			1,104.38280	1,163.056	14.76	0.7427	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.44	Put			278.28280	257.056	14.76	0.2573	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.00	Put			1,168.27390	1,115.796	17.17	0.6130	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.00	Call			434.37390	461.796	17.17	0.3870	0.00	0	750
\$ / R	On	16/09/2019	Foreign Exchange Option	15.62	Call			306.55750	324.815	18.26	0.2871	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	15.62	Put			1,660.45750	1,598.815	18.26	0.7129	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Call			1,097.81250	1,156.347	14.77	0.7403	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.45	Put			281.71250	260.347	14.77	0.2597	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Call			1,091.26870	1,149.664	14.78	0.7380	0.00	0	0
\$ / R	On	16/09/2019	Foreign Exchange Option	13.46	Put			285.16870	263.664	14.78	0.2620	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Call			714.99710	757.186	15.91	0.5519	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.25	Put			674.09710	636.086	15.91	0.4481	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Put			162.42180	146.892	14.34	0.1665	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	13.00	Call			1,453.32180	1,517.992	14.34	0.8335	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Put			1,712.13080	1,650.139	18.29	0.7097	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	15.68	Call			323.03080	341.239	18.29	0.2903	0.00	0	500
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Call			205.53190	217.246	19.41	0.1962	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.50	Put			2,414.63190	2,346.146	19.41	0.8038	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Call			736.13480	779.232	15.83	0.5633	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	14.20	Put			645.23480	608.132	15.83	0.4367	0.00	0	250
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Put			2,766.47090	2,695.270	19.92	0.8371	0.00	0	0
\$ / R	On	30/09/2019	Foreign Exchange Option	16.89	Call			167.37090	176.370	19.92	0.1629	0.00	0	250
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Put			255.47000	234.979	14.67	0.2342	0.00	0	0
\$ / R	On	02/10/2019	Foreign Exchange Option	13.33	Call			1,219.97000	1,279.579	14.67	0.7658	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Put			2,583.81100	2,515.221	19.49	0.7986	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	16.70	Call			229.81100	241.021	19.49	0.2014	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Call			793.21820	834.505	15.87	0.5633	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.25	Put			697.21820	658.705	15.87	0.4367	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Put			297.11250	274.730	14.73	0.2490	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.39	Call			1,253.11250	1,310.529	14.73	0.7510	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Call			1,529.14570	1,592.233	14.37	0.8272	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	13.00	Put			183.14570	166.433	14.37	0.1728	0.00	0	500

Contract Details				Strike	Call / Put	MTM Yield	Spot Rate	Previous MTM	Premium On Option	Volatility	Delta	Premium Value	Contracts Traded	Open Interest
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Call			814.60960	856.766	15.79	0.5740	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	14.20	Put			668.60960	630.966	15.79	0.4260	0.00	0	250
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Put			1,871.55810	1,809.614	18.44	0.7110	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	15.87	Call			347.55810	365.414	18.44	0.2890	0.00	0	500
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Put			2,935.08000	2,864.250	19.99	0.8297	0.00	0	0
\$ / R	On	31/10/2019	Foreign Exchange Option	17.09	Call			191.08000	200.050	19.99	0.1703	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Put			3,074.88430	3,005.922	20.04	0.8228	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	17.26	Call			212.78430	222.522	20.04	0.1772	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Call			863.10020	904.171	15.84	0.5728	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.25	Put			715.20020	677.571	15.84	0.4272	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Put			2,724.07610	2,657.156	19.55	0.7935	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Call			370.19600	387.965	18.51	0.2893	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	16.87	Call			251.97610	263.756	19.55	0.2065	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Call			884.72340	926.619	15.76	0.5830	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	14.20	Put			686.82340	650.019	15.76	0.4170	0.00	0	250
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Put			200.86920	184.017	14.40	0.1776	0.00	0	500
\$ / R	On	29/11/2019	Foreign Exchange Option	13.00	Call			1,598.76920	1,660.617	14.40	0.8224	0.00	0	0
\$ / R	On	29/11/2019	Foreign Exchange Option	16.03	Put			2,002.29600	1,941.365	18.51	0.7107	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Put			335.82130	312.753	14.78	0.2597	0.00	0	0
\$ / R	On	02/12/2019	Foreign Exchange Option	13.44	Call			1,299.12130	1,354.753	14.78	0.7403	0.00	0	0
\$ / R	On	04/12/2019	Foreign Exchange Option	14.84	Put			1,089.33590	1,042.455	16.71	0.5368	0.00	0	0
\$ / R	On	04/12/2019	Foreign Exchange Option	14.84	Call			656.23590	688.155	16.71	0.4632	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Call			1,190.17710	1,243.158	15.00	0.6969	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.66	Put			427.17710	401.058	15.00	0.3031	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	16.85	Put			2,701.26280	2,634.593	19.45	0.7829	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	16.85	Call			274.26280	286.693	19.45	0.2171	0.00	0	1,351
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Put			5,653.05750	5,578.272	22.69	0.9325	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Put			1,814.54200	1,755.229	18.12	0.6743	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	16.20	Put			2,141.94590	2,080.185	18.66	0.7208	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	16.20	Call			364.94590	382.285	18.66	0.2792	0.00	0	500
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Call			435.65940	455.340	18.14	0.3244	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.81	Put			1,822.65940	1,763.240	18.14	0.6756	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Call			221.42700	229.412	20.10	0.1776	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	14.07	Call			977.39330	1,020.996	15.54	0.6134	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	14.07	Put			624.39330	588.896	15.54	0.3866	0.00	0	1,351
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Call			433.78230	453.361	18.15	0.3232	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.82	Put			1,830.78230	1,771.261	18.15	0.6768	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	15.80	Call			437.54200	457.329	18.12	0.3257	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	20.00	Call			76.05750	80.372	22.69	0.0675	0.00	0	2,000
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Call			2,565.72920	2,642.192	13.34	0.9587	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	11.89	Put			32.72920	30.092	13.34	0.0413	0.00	0	1,000
\$ / R	On	13/12/2019	Foreign Exchange Option	13.80	Call			1,112.23700	1,160.224	15.13	0.6687	0.00	0	0
\$ / R	On	13/12/2019	Foreign Exchange Option	13.80	Put			489.23700	458.124	15.13	0.3313	0.00	0	500
\$ / R	On	13/12/2019	Foreign Exchange Option	17.38	Put			3,178.42700	3,107.312	20.10	0.8224	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Put			3,223.13640	3,151.604	20.06	0.8160	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.44	Call			238.43640	246.704	20.06	0.1840	0.00	0	250

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	14.25	Call			937.95290	979.255	15.78	0.5829	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.25	Put			732.65290	694.155	15.78	0.4171	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Put			2,871.06400	2,803.237	19.59	0.7881	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	17.05	Call			276.36400	288.337	19.59	0.2119	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Call			959.82630	1,001.941	15.71	0.5925	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	14.20	Put			704.52630	666.841	15.71	0.4075	0.00	0	250
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Put			219.01110	199.702	14.38	0.1805	0.00	0	500
\$ / R	On	31/12/2019	Foreign Exchange Option	13.00	Call			1,674.31110	1,734.802	14.38	0.8195	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Put			2,147.85330	2,086.026	18.58	0.7108	0.00	0	0
\$ / R	On	31/12/2019	Foreign Exchange Option	16.21	Call			393.15330	411.126	18.58	0.2892	0.00	0	500
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Put			374.35170	349.555	14.85	0.2686	0.00	0	0
\$ / R	On	02/01/2020	Foreign Exchange Option	13.49	Call			1,343.35170	1,398.355	14.85	0.7314	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Put			410.49000	384.775	14.91	0.2766	0.00	0	0
\$ / R	On	31/01/2020	Foreign Exchange Option	13.54	Call			1,382.29000	1,435.275	14.91	0.7234	0.00	0	0
\$ / R	On	28/02/2020	Foreign Exchange Option	14.78	Put			1,081.55780	1,035.475	16.45	0.4902	0.00	0	0
\$ / R	On	28/02/2020	Foreign Exchange Option	14.78	Call			863.45780	896.175	16.45	0.5098	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Put			447.09280	419.556	14.96	0.2832	0.00	0	0
\$ / R	On	02/03/2020	Foreign Exchange Option	13.59	Call			1,424.59280	1,475.756	14.96	0.7168	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	14.01	Call			1,229.29320	1,272.106	15.44	0.6448	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	14.01	Put			645.59320	609.906	15.44	0.3552	0.00	0	1,000
\$ / R	On	16/03/2020	Foreign Exchange Option	17.73	Put			3,451.91840	3,381.420	20.19	0.7919	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	17.73	Call			315.61840	323.620	20.19	0.2081	0.00	0	1,000
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Call			656.35440	679.092	17.63	0.3986	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.62	Put			1,682.65440	1,626.892	17.63	0.6014	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Call			653.93430	676.570	17.64	0.3974	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.63	Put			1,690.23430	1,634.370	17.64	0.6026	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Call			658.79130	681.625	17.62	0.3999	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	15.61	Put			1,675.09130	1,619.425	17.62	0.6001	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	11.91	Call			2,717.44100	2,789.900	11.84	0.9627	0.00	0	0
\$ / R	On	16/03/2020	Foreign Exchange Option	11.91	Put			33.74100	27.700	11.84	0.0373	0.00	0	1,000
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Put			492.00110	464.295	15.21	0.2906	0.00	0	0
\$ / R	On	02/04/2020	Foreign Exchange Option	13.64	Call			1,477.50110	1,527.995	15.21	0.7094	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Put			534.05880	505.984	15.43	0.2972	0.00	0	0
\$ / R	On	29/04/2020	Foreign Exchange Option	13.69	Call			1,520.05880	1,569.784	15.43	0.7028	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Put			581.76480	555.847	15.72	0.3030	0.00	0	0
\$ / R	On	02/06/2020	Foreign Exchange Option	13.74	Call			1,581.46480	1,632.747	15.72	0.6970	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Call			988.85800	1,023.108	17.50	0.4936	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.18	Put			1,410.15800	1,367.308	17.50	0.5064	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Call			995.32240	1,029.788	17.48	0.4961	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.16	Put			1,396.62240	1,353.988	17.48	0.5039	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Call			992.08390	1,026.438	17.49	0.4948	0.00	0	0
\$ / R	On	12/06/2020	Foreign Exchange Option	15.17	Put			1,403.38390	1,360.638	17.49	0.5052	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Put			1,534.58990	1,493.026	17.53	0.5150	0.00	0	0
\$ / R	On	28/07/2020	Foreign Exchange Option	15.37	Call			1,010.58990	1,045.826	17.53	0.4850	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Call			1,099.88610	1,136.981	17.32	0.5009	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.36	Put			1,521.28610	1,481.581	17.32	0.4991	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	Call			1,106.43610	1,143.747	17.30	0.5032	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.34	Put			1,507.83610	1,468.347	17.30	0.4968	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Call			1,103.15530	1,140.362	17.31	0.5021	0.00	0	0
\$ / R	On	14/09/2020	Foreign Exchange Option	15.35	Put			1,514.55530	1,474.962	17.31	0.4979	0.00	0	0
Total \$ / R Option												79,800.30	145	6,122,593
Total \$ / R												972,643,229.60	69,399	7,212,502
\$ / R MAXI	On	18/03/2019	Foreign Exchange Future			14.02910		13.95040			0.0000	0.00	0	440
\$ / R MAXI	On	14/06/2019	Foreign Exchange Future			14.17930		14.10020			0.0000	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Future			14.34600		14.26610			0.0000	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Future			14.50210		14.42300			0.0000	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Future			14.67220		14.59370			0.0000	0.00	0	0
Total \$ / R MAXI Future												0.00	0	440
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Call			13,895.41410	17,593.319	14.19	0.5055	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.03	Put			21,855.41410	17,683.319	14.19	0.4945	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Call			13,531.54630	17,113.590	14.20	0.4965	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.04	Put			22,491.54630	18,203.590	14.20	0.5035	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Call			14,267.86190	18,082.011	14.18	0.5145	0.00	0	0
\$ / R MAXI	On	18/03/2019	Foreign Exchange Option	14.02	Put			21,227.86190	17,172.011	14.18	0.4855	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Call			38,343.41720	41,570.296	16.47	0.4577	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.37	Put			65,323.41720	60,640.296	16.47	0.5423	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Call			38,014.07910	41,215.718	16.49	0.4547	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.38	Put			65,994.07910	61,285.718	16.49	0.5453	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Call			38,675.28970	41,927.835	16.45	0.4608	0.00	0	0
\$ / R MAXI	On	14/06/2019	Foreign Exchange Option	14.36	Put			64,655.28970	59,997.835	16.45	0.5392	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Option	14.70	Call			51,862.21880	55,146.089	16.67	0.4460	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Option	14.70	Put			95,252.21880	90,546.089	16.67	0.5540	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Option	14.71	Call			51,554.50120	54,819.053	16.69	0.4439	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Option	14.71	Put			95,944.50120	91,219.053	16.69	0.5561	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Option	14.69	Call			52,172.30770	55,474.730	16.66	0.4481	0.00	0	0
\$ / R MAXI	On	16/09/2019	Foreign Exchange Option	14.69	Put			94,562.30770	89,874.730	16.66	0.5519	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Option	14.02	Call			100,103.63710	104,550.503	15.47	0.6235	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Option	14.02	Put			59,803.63710	56,340.503	15.47	0.3765	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Option	14.03	Call			99,624.60650	104,055.569	15.48	0.6215	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Option	14.03	Put			60,324.60650	56,845.569	15.48	0.3785	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Option	14.01	Call			100,584.92100	105,047.235	15.45	0.6256	0.00	0	0
\$ / R MAXI	On	13/12/2019	Foreign Exchange Option	14.01	Put			59,284.92100	55,837.235	15.45	0.3744	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Option	14.68	Call			94,298.09410	97,734.642	16.40	0.5322	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Option	14.68	Put			102,928.09410	98,514.642	16.40	0.4678	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Option	14.69	Call			93,925.03960	97,347.156	16.41	0.5306	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Option	14.69	Put			103,555.03960	99,127.156	16.41	0.4694	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Option	14.67	Call			94,673.37110	98,123.790	16.39	0.5338	0.00	0	0
\$ / R MAXI	On	16/03/2020	Foreign Exchange Option	14.67	Put			102,303.37110	97,903.790	16.39	0.4662	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	440
£ / R	On	28/02/2019	Foreign Exchange Future			18.61530		18.54740			0.0000	874,919.10	47	0
£ / R	On	18/03/2019	Foreign Exchange Future			18.67110		18.60340			0.0000	179,989,404.00	9,640	230,812
£ / R	On	29/03/2019	Foreign Exchange Future			18.70620		18.63850			0.0000	0.00	0	80
£ / R	On	15/04/2019	Foreign Exchange Future			18.76030		18.69220			0.0000	0.00	0	43
£ / R	On	26/04/2019	Foreign Exchange Future			18.79530		18.72690			0.0000	0.00	0	120
£ / R	On	29/04/2019	Foreign Exchange Future			18.80490		18.73640			0.0000	0.00	0	27
£ / R	On	14/06/2019	Foreign Exchange Future			18.95380		18.88570			0.0000	37,907.60	2	5,703
£ / R	On	16/09/2019	Foreign Exchange Future			19.26240		19.19250			0.0000	7,897,584.00	410	18,254
£ / R	On	13/12/2019	Foreign Exchange Future			19.55220		19.48200			0.0000	9,776,100.00	500	12,565
£ / R	On	16/03/2020	Foreign Exchange Future			19.86320		19.79270			0.0000	0.00	0	0
Total £ / R Future												198,575,914.70	10,599	267,604
£ / R	On	28/02/2019	Foreign Exchange Option	17.67	Put			0.10710	0.000	13.89	0.0000	0.00	0	0
£ / R	On	28/02/2019	Foreign Exchange Option	17.67	Call			877.50710	945.300	13.89	1.0000	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Put			1,406.83250	1,341.055	17.66	0.9585	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.00	Call			10.23250	12.155	17.66	0.0415	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	19.00	Put			489.75120	443.166	14.64	0.6987	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.00	Call			93.15120	114.266	14.64	0.3013	0.00	0	2,500
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Call			652.10720	709.122	14.54	0.8748	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.00	Put			48.70720	38.022	14.54	0.1252	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Put			2,837.99310	2,770.455	23.95	0.9950	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	21.44	Call			1.39310	1.555	23.95	0.0050	0.00	0	500
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Call			422.18060	472.511	14.31	0.7469	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.29	Put			108.78060	91.411	14.31	0.2531	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Call			57.87040	72.505	14.98	0.2097	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	19.19	Put			644.47040	591.405	14.98	0.7903	0.00	0	1,000
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Put			1,584.46690	1,518.015	18.54	0.9691	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	20.18	Call			7.86690	9.115	18.54	0.0309	0.00	0	1,500
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Call			414.99790	465.066	14.30	0.7415	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.30	Put			111.59790	93.966	14.30	0.2585	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Call			407.87330	457.673	14.30	0.7360	0.00	0	0
£ / R	On	18/03/2019	Foreign Exchange Option	18.31	Put			114.47330	96.573	14.30	0.2640	0.00	0	0
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Put			90.99800	86.965	14.48	0.2001	0.00	0	0
£ / R	On	29/03/2019	Foreign Exchange Option	18.09	Call			639.49800	703.166	14.48	0.7999	0.00	0	0
£ / R	On	15/04/2019	Foreign Exchange Option	18.11	Put			157.47990	146.124	14.85	0.2433	0.00	0	0
£ / R	On	15/04/2019	Foreign Exchange Option	18.11	Call			739.67990	796.424	14.85	0.7567	0.00	0	0
£ / R	On	26/04/2019	Foreign Exchange Option	18.11	Call			807.19290	861.965	15.00	0.7441	0.00	0	0
£ / R	On	26/04/2019	Foreign Exchange Option	18.11	Put			190.29290	176.665	15.00	0.2559	0.00	0	0
£ / R	On	29/04/2019	Foreign Exchange Option	17.68	Put			96.92150	88.330	14.91	0.1467	0.00	0	0
£ / R	On	29/04/2019	Foreign Exchange Option	17.68	Call			1,153.32150	1,213.230	14.91	0.8533	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Call			743.30590	786.006	15.12	0.5996	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.63	Put			487.60590	462.206	15.12	0.4004	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			737.78790	780.340	15.12	0.5970	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.64	Put			492.08790	466.540	15.12	0.4030	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Call			748.84620	791.697	15.12	0.6021	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.62	Put			483.14620	457.897	15.12	0.3979	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.00	Put			256.66390	240.026	15.12	0.2500	0.00	0	0
£ / R	On	14/06/2019	Foreign Exchange Option	18.00	Call			1,142.36390	1,193.826	15.12	0.7500	0.00	0	1,000
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Call			1,041.41070	1,086.521	14.97	0.6064	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.81	Put			658.91070	634.121	14.97	0.3936	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.27	Put			439.87840	421.028	14.88	0.2962	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.27	Call			1,362.37840	1,413.428	14.88	0.7038	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Call			1,035.99720	1,081.008	14.97	0.6045	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.82	Put			663.49720	638.608	14.97	0.3955	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Call			1,030.59730	1,075.515	14.97	0.6027	0.00	0	0
£ / R	On	16/09/2019	Foreign Exchange Option	18.83	Put			668.09730	643.115	14.97	0.3973	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Call			847.79760	880.957	15.27	0.4679	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.95	Put			1,315.79760	1,278.757	15.27	0.5321	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Call			844.12170	877.186	15.28	0.4664	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.96	Put			1,322.12170	1,284.986	15.28	0.5336	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Call			840.46670	873.429	15.28	0.4650	0.00	0	0
£ / R	On	13/12/2019	Foreign Exchange Option	19.97	Put			1,328.46670	1,291.229	15.28	0.5350	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Call			1,024.47220	1,054.839	15.46	0.4754	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.31	Put			1,541.77220	1,501.639	15.46	0.5246	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Call			1,031.80160	1,062.339	15.45	0.4779	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.29	Put			1,529.10160	1,489.139	15.45	0.5221	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Call			1,028.12690	1,058.587	15.45	0.4766	0.00	0	0
£ / R	On	16/03/2020	Foreign Exchange Option	20.30	Put			1,535.42690	1,495.387	15.45	0.5234	0.00	0	0
Total £ / R Option												0.00	0	7,500
Total £ / R												198,575,914.70	10,599	275,104
¥ / R	On	18/03/2019	Foreign Exchange Future			0.12630		0.12610			0.0000	0.00	0	10,000
¥ / R	On	14/06/2019	Foreign Exchange Future			0.12850		0.12830			0.0000	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Future			0.13100		0.13080			0.0000	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Future			0.13340		0.13320			0.0000	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Future			0.13610		0.13590			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			459.71920	440.518	18.01	0.7587	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Call			1,610.01240	1,630.199	20.67	0.9988	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.11	Put			0.01240	0.199	20.67	0.0012	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Call			622.91100	642.480	15.41	0.9348	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.12	Put			12.91100	12.480	15.41	0.0652	0.00	0	0
¥ / R	On	18/03/2019	Foreign Exchange Option	0.13	Call			69.71920	70.518	18.01	0.2413	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Put			1,363.77080	1,336.249	20.53	0.7641	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Call			975.77910	982.789	16.14	0.7968	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.12	Put			145.77910	132.789	16.14	0.2032	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			445.68650	438.992	18.38	0.4730	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.13	Put			615.68650	588.992	18.38	0.5270	0.00	0	0
¥ / R	On	14/06/2019	Foreign Exchange Option	0.14	Call			193.77080	186.249	20.53	0.2359	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Put			1,356.70000	1,324.180	19.88	0.6473	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Call			1,309.13920	1,308.128	16.37	0.7836	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.12	Put			229.13920	208.128	16.37	0.2164	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Call			764.45630	753.107	18.23	0.5494	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.13	Put			684.45630	653.107	18.23	0.4506	0.00	0	0
¥ / R	On	16/09/2019	Foreign Exchange Option	0.14	Call			436.70000	424.180	19.88	0.3527	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Call			1,587.29300	1,588.452	16.32	0.7890	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.12	Put			267.29300	248.452	16.32	0.2110	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Call			1,025.01160	1,014.907	17.89	0.5956	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.13	Put			705.01160	674.907	17.89	0.4044	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Call			660.26360	646.176	19.42	0.4232	0.00	0	0
¥ / R	On	13/12/2019	Foreign Exchange Option	0.14	Put			1,340.26360	1,306.176	19.42	0.5768	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Call			908.33980	897.642	19.23	0.4819	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.14	Put			1,318.33980	1,287.642	19.23	0.5181	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Call			639.53610	627.853	20.55	0.3604	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.15	Put			2,049.53610	2,017.853	20.55	0.6396	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Call			1,305.61380	1,298.114	17.75	0.6343	0.00	0	0
¥ / R	On	16/03/2020	Foreign Exchange Option	0.13	Put			715.61380	688.114	17.75	0.3657	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			15.93640		15.84400			0.0000	462,155.60	29	0
€ / R	On	18/03/2019	Foreign Exchange Future			15.99350		15.90100			0.0000	10,443,755.50	653	137,026
€ / R	On	29/03/2019	Foreign Exchange Future			16.02930		15.93670			0.0000	0.00	0	53
€ / R	On	15/04/2019	Foreign Exchange Future			16.08500		15.99170			0.0000	0.00	0	4
€ / R	On	26/04/2019	Foreign Exchange Future			16.12100		16.02730			0.0000	0.00	0	1
€ / R	On	10/06/2019	Foreign Exchange Future			16.27080		16.17740			0.0000	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Future			16.28450		16.19100			0.0000	0.00	0	29,914
€ / R	On	14/08/2019	Foreign Exchange Future			16.49260		16.39780			0.0000	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Future			16.60620		16.51040			0.0000	6,144,294.00	370	21,948
€ / R	On	13/12/2019	Foreign Exchange Future			16.91220		16.81600			0.0000	0.00	0	17,761
€ / R	On	10/02/2020	Foreign Exchange Future			17.12290		17.02600			0.0000	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Future			17.24640		17.14860			0.0000	0.00	0	0
Total € / R Future												17,050,205.10	1,052	206,707
€ / R	On	28/02/2019	Foreign Exchange Option	15.77	Put			15.98080	0.000	13.73	0.0000	0.00	0	0
€ / R	On	28/02/2019	Foreign Exchange Option	15.77	Call			89.98080	166.400	13.73	1.0000	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Call			0.15320	0.192	28.76	0.0007	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Put			344.37670	283.763	13.74	0.6194	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Call			3.74790	5.491	17.98	0.0233	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	17.33	Put			1,432.74790	1,341.991	17.98	0.9767	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.13	Call			100.55990	133.784	13.67	0.3956	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	16.13	Put		329.55990	270.284	13.67	0.6044	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	19.65	Put		3,749.15320	3,656.692	28.76	0.9993	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Put		70.68730	52.414	13.35	0.1963	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Put		239.87530	190.120	13.19	0.4997	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.00	Call		140.87530	183.620	13.19	0.5003	0.00	0	650
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Call		97.93640	130.487	13.70	0.3880	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.14	Put		336.93640	276.987	13.70	0.6120	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	16.15	Call		95.37670	127.263	13.74	0.3806	0.00	0	0
€ / R	On	18/03/2019	Foreign Exchange Option	15.60	Call		371.68730	445.914	13.35	0.8037	0.00	0	0
€ / R	On	29/03/2019	Foreign Exchange Option	16.32	Put		498.55850	442.297	14.99	0.6570	0.00	0	0
€ / R	On	29/03/2019	Foreign Exchange Option	16.32	Call		115.25850	151.597	14.99	0.3430	0.00	0	0
€ / R	On	15/04/2019	Foreign Exchange Option	16.28	Put		494.20340	440.311	14.57	0.5821	0.00	0	0
€ / R	On	15/04/2019	Foreign Exchange Option	16.28	Call		205.90340	245.311	14.57	0.4179	0.00	0	0
€ / R	On	26/04/2019	Foreign Exchange Option	16.42	Put		607.49180	547.392	14.79	0.6123	0.00	0	0
€ / R	On	26/04/2019	Foreign Exchange Option	16.42	Call		214.79180	248.392	14.79	0.3877	0.00	0	0
€ / R	On	10/06/2019	Foreign Exchange Option	14.25	Put		20.71830	20.196	14.55	0.0390	0.00	0	0
€ / R	On	10/06/2019	Foreign Exchange Option	14.25	Call		1,948.11830	2,040.996	14.55	0.9610	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Call		302.56930	330.130	16.07	0.3603	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.86	Put		971.56930	905.630	16.07	0.6397	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	15.35	Call		1,003.18240	1,076.487	13.77	0.7976	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	15.35	Put		162.18240	141.987	13.77	0.2024	0.00	0	570
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Call		300.15490	327.504	16.09	0.3580	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.87	Put		979.15490	913.004	16.09	0.6420	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Call		297.76060	324.899	16.11	0.3556	0.00	0	0
€ / R	On	14/06/2019	Foreign Exchange Option	16.88	Put		986.76060	920.399	16.11	0.6444	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Put		462.13540	422.705	14.30	0.3660	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.03	Call		829.93540	885.305	14.30	0.6340	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Put		3,347.35290	3,258.965	19.49	0.8966	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	19.65	Call		95.15290	101.565	19.49	0.1034	0.00	0	62,400
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Call		727.29490	777.261	14.57	0.5816	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	16.24	Put		569.49490	524.661	14.57	0.4184	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Call		449.81240	481.421	15.72	0.4062	0.00	0	0
€ / R	On	14/08/2019	Foreign Exchange Option	17.01	Put		1,062.01240	998.821	15.72	0.5938	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Put		1,624.04910	1,550.613	16.65	0.6872	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.27	Put		2,040.57770	1,962.629	17.41	0.7506	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.27	Call		280.97770	298.829	17.41	0.2494	0.00	0	14,429
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Call		362.54950	384.785	16.66	0.3113	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.78	Put		1,632.14950	1,558.585	16.66	0.6887	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	15.62	Put		302.65140	275.528	13.75	0.2570	0.00	0	14,429
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Put		2,325.29990	2,244.219	17.82	0.7862	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	18.60	Call		235.69990	250.418	17.82	0.2138	0.00	0	55,000
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Call		360.66150	382.768	16.68	0.3099	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.79	Put		1,640.26150	1,566.569	16.68	0.6901	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	17.77	Call		364.44910	386.813	16.65	0.3128	0.00	0	0
€ / R	On	16/09/2019	Foreign Exchange Option	15.62	Call		1,193.05140	1,261.728	13.75	0.7430	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	16.15	Call		1,204.89190	1,263.844	14.14	0.6664	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			538.89190	501.644	14.14	0.3336	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Put			4,018.83820	3,928.012	20.00	0.8477	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Put			1,728.79640	1,659.727	16.47	0.6393	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Call			3,124.66280	3,215.555	13.74	0.9615	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	13.73	Put			38.66280	33.354	13.74	0.0385	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	20.62	Call			214.83820	220.212	20.00	0.1523	0.00	0	17,150
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Call			532.58770	559.600	16.49	0.3594	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.02	Put			1,736.58770	1,667.400	16.49	0.6406	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Call			530.39000	557.285	16.50	0.3581	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.03	Put			1,744.39000	1,675.085	16.50	0.6419	0.00	0	0
€ / R	On	13/12/2019	Foreign Exchange Option	18.01	Call			534.79640	561.927	16.47	0.3607	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	16.91	Put			931.89480	882.498	14.90	0.4369	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	16.91	Call			1,047.89480	1,095.398	14.90	0.5631	0.00	0	15,000
€ / R	On	10/02/2020	Foreign Exchange Option	17.00	Put			985.59790	934.766	15.01	0.4513	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	17.00	Call			1,011.59790	1,057.666	15.01	0.5487	0.00	0	15,000
€ / R	On	10/02/2020	Foreign Exchange Option	17.07	Put			1,028.23470	976.364	15.09	0.4623	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	17.07	Call			984.23470	1,029.264	15.09	0.5377	0.00	0	15,000
€ / R	On	10/02/2020	Foreign Exchange Option	16.65	Put			784.56870	739.473	14.59	0.3943	0.00	0	0
€ / R	On	10/02/2020	Foreign Exchange Option	16.65	Call			1,160.56870	1,212.373	14.59	0.6057	0.00	0	21,000
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Call			674.31010	701.361	16.62	0.3777	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.45	Put			1,975.71010	1,904.961	16.62	0.6223	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Call			672.03950	698.974	16.64	0.3766	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.46	Put			1,983.43950	1,912.574	16.64	0.6234	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Call			669.77190	696.603	16.65	0.3755	0.00	0	0
€ / R	On	16/03/2020	Foreign Exchange Option	18.47	Put			1,991.17190	1,920.203	16.65	0.6245	0.00	0	0
Total € / R Option												0.00	0	264,928
Total € / R												17,050,205.10	1,052	471,635
AU\$ / R	On	18/03/2019	Foreign Exchange Future			9.98920		9.96450			0.0000	0.00	0	4,731
AU\$ / R	On	14/06/2019	Foreign Exchange Future			10.10840		10.08340			0.0000	0.00	0	15,741
AU\$ / R	On	16/09/2019	Foreign Exchange Future			10.24200		10.21610			0.0000	0.00	0	513
AU\$ / R	On	13/12/2019	Foreign Exchange Future			10.36920		10.34350			0.0000	0.00	0	400
AU\$ / R	On	16/03/2020	Foreign Exchange Future			10.50790		10.48260			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			10.59630	14.880	13.35	0.1061	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.37	Put			416.09630	395.680	13.35	0.8939	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Call			11.95030	16.606	13.26	0.1169	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.35	Put			397.45030	377.406	13.26	0.8831	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Call			11.25370	15.720	13.30	0.1114	0.00	0	0
AU\$ / R	On	18/03/2019	Foreign Exchange Option	10.36	Put			406.75370	386.520	13.30	0.8886	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Put			978.57890	956.806	15.01	0.8424	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Call			60.99660	64.163	15.04	0.1554	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.01	Put			987.59660	965.763	15.04	0.8446	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.02	Call			60.02970	63.136	15.07	0.1532	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	14/06/2019	Foreign Exchange Option	11.02	Put			996.62970	974.736	15.07	0.8468	0.00	0	0
AU\$ / R	On	14/06/2019	Foreign Exchange Option	11.00	Call			61.97890	65.206	15.01	0.1576	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Call			205.97660	215.047	13.60	0.3334	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.75	Put			739.87660	723.047	13.60	0.6666	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Call			203.69680	212.664	13.62	0.3303	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.76	Put			747.59680	730.664	13.62	0.6697	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Call			201.44350	210.310	13.64	0.3273	0.00	0	0
AU\$ / R	On	16/09/2019	Foreign Exchange Option	10.77	Put			755.34350	738.310	13.64	0.6727	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Call			272.75020	281.817	13.37	0.3590	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.90	Put			829.25020	812.617	13.37	0.6410	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Call			270.34460	279.333	13.39	0.3564	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.91	Put			836.84460	820.133	13.39	0.6436	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Call			275.17580	284.387	13.35	0.3617	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	10.89	Put			821.67580	805.187	13.35	0.6383	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	11.00	Put			906.23200	888.830	13.56	0.6664	0.00	0	0
AU\$ / R	On	13/12/2019	Foreign Exchange Option	11.00	Call			249.73200	258.030	13.56	0.3336	0.00	0	1,000
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Put			917.72860	900.263	13.43	0.6170	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Call			347.80260	355.578	13.44	0.3807	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.06	Put			925.20260	907.678	13.44	0.6193	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Call			345.29720	353.013	13.46	0.3784	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.07	Put			932.69720	915.113	13.46	0.6216	0.00	0	0
AU\$ / R	On	16/03/2020	Foreign Exchange Option	11.05	Call			350.32860	358.163	13.43	0.3830	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			10.64770		10.61830			0.0000	0.00	0	500
CAD/ R	On	14/06/2019	Foreign Exchange Future			10.78380		10.75400			0.0000	0.00	0	400
CAD/ R	On	16/09/2019	Foreign Exchange Future			10.93180		10.90170			0.0000	0.00	0	400
CAD/ R	On	13/12/2019	Foreign Exchange Future			11.06990		11.03960			0.0000	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Future			11.22000		11.19010			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			69.27530	84.025	12.75	0.3983	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.73	Put			180.97530	166.325	12.75	0.6017	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Call			66.20700	80.536	12.79	0.3860	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.74	Put			187.90700	172.836	12.79	0.6140	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Call			72.46170	87.635	12.72	0.4108	0.00	0	0
CAD/ R	On	18/03/2019	Foreign Exchange Option	10.72	Put			174.16170	159.935	12.72	0.5892	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Call			295.69310	310.809	13.75	0.5067	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.80	Put			341.69310	327.009	13.75	0.4933	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Call			291.72160	306.669	13.77	0.5018	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.81	Put			347.72160	332.869	13.77	0.4982	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Call			299.71390	315.260	13.73	0.5117	0.00	0	0
CAD/ R	On	14/06/2019	Foreign Exchange Option	10.79	Put			335.71390	321.460	13.73	0.4883	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.39	Call			272.06370	283.670	14.52	0.3713	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	11.39	Put			760.36370	741.870	14.52	0.6287	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Call			269.46500	280.967	14.54	0.3685	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.40	Put			767.76500	749.167	14.54	0.6315	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Call			274.69130	286.398	14.50	0.3742	0.00	0	0
CAD/ R	On	16/09/2019	Foreign Exchange Option	11.38	Put			752.99130	734.598	14.50	0.6258	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Call			357.45520	368.603	14.32	0.3961	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.54	Put			857.85520	838.703	14.32	0.6039	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Call			354.70360	365.755	14.34	0.3937	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.55	Put			865.10360	845.855	14.34	0.6063	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Call			360.23320	371.470	14.30	0.3986	0.00	0	0
CAD/ R	On	13/12/2019	Foreign Exchange Option	11.53	Put			850.63320	831.570	14.30	0.6014	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Call			452.09090	462.284	14.37	0.4186	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.69	Put			951.99090	932.284	14.37	0.5814	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Call			449.20860	459.332	14.39	0.4164	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.70	Put			959.10860	939.332	14.39	0.5836	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Call			454.99310	465.253	14.36	0.4207	0.00	0	0
CAD/ R	On	16/03/2020	Foreign Exchange Option	11.68	Put			944.89310	925.253	14.36	0.5793	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					0.00000			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			14.10320		13.98950			0.0000	0.00	0	1,243
CHF / R	On	14/06/2019	Foreign Exchange Future			14.37280		14.25770			0.0000	0.00	0	250
CHF / R	On	16/09/2019	Foreign Exchange Future			14.67160		14.55390			0.0000	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Future			14.95690		14.83800			0.0000	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Future			15.26930		15.14960			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			45.01660	66.666	15.68	0.2358	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.47	Put			525.51660	433.466	15.68	0.7642	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Call			43.83300	64.969	15.73	0.2305	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.48	Put			534.33300	441.769	15.73	0.7695	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Call			46.23300	68.407	15.62	0.2411	0.00	0	0
CHF / R	On	18/03/2019	Foreign Exchange Option	14.46	Put			516.73300	425.207	15.62	0.7589	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Call			302.32390	336.441	15.82	0.4031	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.73	Put			774.62390	693.641	15.82	0.5969	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Call			299.58810	333.416	15.84	0.4002	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.74	Put			781.88810	700.616	15.84	0.5998	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Call			305.08800	339.494	15.80	0.4060	0.00	0	0
CHF / R	On	14/06/2019	Foreign Exchange Option	14.72	Put			767.38800	686.694	15.80	0.5940	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.69	Call			332.55240	358.497	17.01	0.3192	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	15.69	Put			1,468.65240	1,376.897	17.01	0.6808	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Call			330.63850	356.423	17.03	0.3176	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.70	Put			1,476.73850	1,384.823	17.03	0.6824	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Call			334.47540	360.589	16.99	0.3208	0.00	0	0
CHF / R	On	16/09/2019	Foreign Exchange Option	15.68	Put			1,460.57540	1,368.989	16.99	0.6792	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Call			496.46440	528.335	17.24	0.3657	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.95	Put			1,608.46440	1,521.435	17.24	0.6343	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Call			494.27440	525.988	17.25	0.3643	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.96	Put			1,616.27440	1,529.088	17.25	0.6357	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Call			492.09110	523.658	17.27	0.3630	0.00	0	0
CHF / R	On	13/12/2019	Foreign Exchange Option	15.97	Put			1,624.09110	1,536.758	17.27	0.6370	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Call			577.89990	606.271	17.89	0.3538	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.63	Put			2,058.29990	1,966.971	17.89	0.6462	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Call			575.89870	604.152	17.90	0.3528	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.64	Put			2,066.29870	1,974.852	17.90	0.6472	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Call			579.91010	608.399	17.87	0.3549	0.00	0	0
CHF / R	On	16/03/2020	Foreign Exchange Option	16.62	Put			2,050.31010	1,959.099	17.87	0.6451	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			2.09630		2.08730			0.0000	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Future			2.11840		2.10950			0.0000	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Future			2.14310		2.13390			0.0000	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Future			2.16560		2.15660			0.0000	0.00	0	0
Total CNH / R Future												0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Put			241.70150	206.227	12.75	0.4521	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Call			169.71020	216.623	12.62	0.4805	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.10	Put			296.71020	253.623	12.62	0.5195	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Call			266.64860	328.440	12.87	0.6131	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.08	Put			193.64860	165.440	12.87	0.3869	0.00	0	0
CNH / R	On	18/03/2019	Foreign Exchange Option	2.09	Call			214.70150	269.227	12.75	0.5479	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Put			126.24670	114.619	13.14	0.1443	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Call			1,438.56240	1,515.122	13.12	0.8392	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.98	Put			143.56240	131.122	13.12	0.1608	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Call			1,357.70090	1,433.426	13.10	0.8214	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.99	Put			162.70090	149.426	13.10	0.1786	0.00	0	0
CNH / R	On	14/06/2019	Foreign Exchange Option	1.97	Call			1,521.24670	1,598.619	13.14	0.8557	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.09	Call			1,065.05000	1,125.317	13.33	0.6193	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.09	Put			626.05000	594.317	13.33	0.3807	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.10	Call			1,014.32760	1,072.646	13.41	0.6004	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.10	Put			675.32760	641.646	13.41	0.3996	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.08	Call			1,117.80550	1,180.013	13.26	0.6382	0.00	0	0
CNH / R	On	16/09/2019	Foreign Exchange Option	2.08	Put			578.80550	549.013	13.26	0.3618	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.11	Call			1,270.39000	1,322.726	13.48	0.6091	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	2.11	Put			804.39000	766.726	13.48	0.3909	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.12	Call			1,221.00940	1,271.650	13.54	0.5937	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.12	Put			855.00940	815.650	13.54	0.4063	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.10	Call			1,321.41720	1,375.457	13.42	0.6246	0.00	0	0
CNH / R	On	13/12/2019	Foreign Exchange Option	2.10	Put			755.41720	719.457	13.42	0.3754	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			2.14380		2.13140			0.0000	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Future			2.18400		2.17140			0.0000	0.00	0	250
DKK / R	On	16/09/2019	Foreign Exchange Future			2.22840		2.21550			0.0000	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Future			2.27040		2.25750			0.0000	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Future			2.31690		2.30360			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			1,310.05750	1,194.729	17.29	0.9124	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Call			32.67520	44.645	16.44	0.1182	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.24	Put			1,118.67520	1,006.645	16.44	0.8818	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Call			28.02640	37.886	16.83	0.1012	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.25	Put			1,214.02640	1,099.886	16.83	0.8988	0.00	0	0
DKK / R	On	18/03/2019	Foreign Exchange Option	2.26	Call			24.05750	32.728	17.29	0.0876	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Put			528.43840	486.408	13.79	0.4019	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Call			695.58790	773.768	13.85	0.5735	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.16	Put			581.58790	533.768	13.85	0.4265	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Call			795.49680	881.601	13.72	0.6226	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.14	Put			481.49680	441.601	13.72	0.3774	0.00	0	0
DKK / R	On	14/06/2019	Foreign Exchange Option	2.15	Call			742.43840	826.408	13.79	0.5981	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Call			383.76650	414.756	15.51	0.2780	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.40	Put			2,228.76650	2,130.756	15.51	0.7220	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Call			420.51150	454.480	15.32	0.3003	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.38	Put			2,065.51150	1,970.480	15.32	0.6997	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Call			401.68250	434.136	15.42	0.2889	0.00	0	0
DKK / R	On	16/09/2019	Foreign Exchange Option	2.39	Put			2,146.68250	2,050.136	15.42	0.7111	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Call			401.55200	423.040	16.09	0.2378	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.54	Put			3,226.55200	3,119.040	16.09	0.7622	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Call			386.90470	407.533	16.15	0.2304	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.55	Put			3,311.90470	3,203.533	16.15	0.7696	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Call			416.78980	439.169	16.03	0.2454	0.00	0	0
DKK / R	On	13/12/2019	Foreign Exchange Option	2.53	Put			3,141.78980	3,035.169	16.03	0.7546	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Call			543.76910	563.650	16.21	0.2626	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.61	Put			3,607.76910	3,494.650	16.21	0.7374	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Call			527.86130	546.969	16.26	0.2560	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.62	Put			3,691.86130	3,577.970	16.26	0.7440	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Call			560.19680	580.882	16.16	0.2693	0.00	0	0
DKK / R	On	16/03/2020	Foreign Exchange Option	2.60	Put			3,524.19680	3,411.882	16.16	0.7307	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			1.78850		1.77850			0.0000	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Future			1.81200		1.80210			0.0000	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Future			1.83710		1.82710			0.0000	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Future			1.86000		1.85010			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			177.13980	228.435	14.88	0.4965	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.79	Put			292.13980	243.435	14.88	0.5035	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Call			140.62980	183.789	14.90	0.4297	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.80	Put			355.62980	298.789	14.90	0.5703	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Call			220.26460	279.801	14.86	0.5639	0.00	0	0
HK\$/R	On	18/03/2019	Foreign Exchange Option	1.78	Put			235.26460	194.801	14.86	0.4361	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Call			825.03460	887.159	15.40	0.6526	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.76	Put			404.03460	367.159	15.40	0.3474	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Call			770.94600	830.172	15.50	0.6264	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.77	Put			449.94600	410.172	15.50	0.3736	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Call			881.95220	946.949	15.30	0.6785	0.00	0	0
HK\$/R	On	14/06/2019	Foreign Exchange Option	1.75	Put			360.95220	326.950	15.30	0.3215	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.82	Call			888.63080	942.982	15.84	0.5550	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.82	Put			817.63080	771.982	15.84	0.4450	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.83	Call			846.90540	899.298	15.95	0.5366	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.83	Put			875.90540	828.298	15.95	0.4634	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.81	Call			932.27680	988.617	15.72	0.5737	0.00	0	0
HK\$/R	On	16/09/2019	Foreign Exchange Option	1.81	Put			761.27680	717.617	15.72	0.4263	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.84	Call			1,096.83900	1,148.321	15.96	0.5585	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.84	Put			995.83900	948.321	15.96	0.4415	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.85	Call			1,055.81040	1,105.744	16.06	0.5434	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.85	Put			1,054.81040	1,005.744	16.06	0.4566	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.83	Call			1,139.45440	1,192.511	15.85	0.5737	0.00	0	0
HK\$/R	On	13/12/2019	Foreign Exchange Option	1.83	Put			938.45440	892.511	15.85	0.4263	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			0.14000		0.13900			0.0000	0.00	0	0
KES / R	On	14/06/2019	Foreign Exchange Future			0.13950		0.13890			0.0000	0.00	0	2,166
KES / R	On	16/09/2019	Foreign Exchange Future			0.13900		0.13870			0.0000	0.00	0	0
KES / R	On	13/12/2019	Foreign Exchange Future			0.13790		0.13840			0.0000	0.00	0	0
KES / R	On	16/03/2020	Foreign Exchange Future			0.13600		0.13770			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			1.64240		1.63560			0.0000	0.00	0	0
NOK/R	On	14/06/2019	Foreign Exchange Future			1.66580		1.65890			0.0000	0.00	0	0
NOK/R	On	16/09/2019	Foreign Exchange Future			1.69130		1.68430			0.0000	0.00	0	0
NOK/R	On	13/12/2019	Foreign Exchange Future			1.71520		1.70830			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			9.56260		9.55530			0.0000	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Future			9.68110		9.67410			0.0000	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Future			9.81130		9.80420			0.0000	0.00	0	646
NZ\$ / R	On	13/12/2019	Foreign Exchange Future			9.93270		9.92650			0.0000	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Future			10.06350		10.05820			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			112.27670	119.369	12.09	0.5559	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.53	Put			86.97670	86.769	12.09	0.4441	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Call			106.64580	113.671	12.05	0.5405	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.54	Put			91.34580	91.071	12.05	0.4595	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Call			118.06360	125.218	12.13	0.5711	0.00	0	0
NZ\$ / R	On	18/03/2019	Foreign Exchange Option	9.52	Put			82.76360	82.618	12.13	0.4289	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Call			185.98640	187.816	13.85	0.3862	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.92	Put			431.88640	426.716	13.85	0.6138	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Call			183.02370	184.818	13.88	0.3814	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.93	Put			438.92370	433.718	13.88	0.6186	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Call			188.99690	190.858	13.83	0.3911	0.00	0	0
NZ\$ / R	On	14/06/2019	Foreign Exchange Option	9.91	Put			424.89690	419.758	13.83	0.6089	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Call			363.23610	366.914	13.30	0.5037	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.85	Put			409.03610	405.614	13.30	0.4963	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Call			359.24170	362.881	13.32	0.4996	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.86	Put			415.04170	411.581	13.32	0.5004	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Call			367.27150	370.989	13.28	0.5078	0.00	0	0
NZ\$ / R	On	16/09/2019	Foreign Exchange Option	9.84	Put			403.07150	399.689	13.28	0.4922	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Call			321.10720	323.951	14.08	0.3949	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.35	Put			744.60720	741.251	14.08	0.6051	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Call			318.25400	321.075	14.09	0.3921	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.36	Put			751.75400	748.375	14.09	0.6079	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Call			323.99000	326.853	14.06	0.3977	0.00	0	0
NZ\$ / R	On	13/12/2019	Foreign Exchange Option	10.34	Put			737.49000	734.153	14.06	0.6023	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Call			397.86420	399.709	14.31	0.4091	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.52	Put			859.66420	856.209	14.31	0.5909	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Call			394.95840	396.786	14.33	0.4068	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.53	Put			866.75840	863.286	14.33	0.5932	0.00	0	0
NZ\$ / R	On	16/03/2020	Foreign Exchange Option	10.51	Call			400.79230	402.654	14.30	0.4115	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			852.59230	849.154	14.30	0.5885	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			1.32710		1.32710			0.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Future			1.33370		1.33380			0.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Future			1.33950		1.33960			0.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Future			1.34340		1.34370			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			129.00000	129.000		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			229.00000	229.000		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			29.00000	29.000		1.0000	0.00	0	0
PULA / R	On	14/06/2019	Foreign Exchange Option	1.32	Call			138.00000	137.000		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	37.000		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	237.000		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			96.00000	95.000		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			4.00000	5.000		1.0000	0.00	0	0
PULA / R	On	16/09/2019	Foreign Exchange Option	1.32	Call			196.00000	195.000		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			37.00000	34.000		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			63.00000	66.000		1.0000	0.00	0	0
PULA / R	On	13/12/2019	Foreign Exchange Option	1.33	Call			137.00000	134.000		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			1.33090		1.33350			0.0000	0.00	0	5
QUANTO £	On	14/06/2019	Foreign Exchange Future			1.33670		1.33940			0.0000	0.00	0	0
QUANTO £	On	16/09/2019	Foreign Exchange Future			1.34270		1.34530			0.0000	0.00	0	0
QUANTO £	On	13/12/2019	Foreign Exchange Future			1.34820		1.35080			0.0000	0.00	0	2,219
QUANTO £	On	16/03/2020	Foreign Exchange Future			1.35380		1.35630			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			1.14000		1.13980			0.0000	0.00	0	5
QUANTO €On 14/06/2019 Foreign Exchange Future			1.14850		1.14830			0.0000	0.00	0	582
QUANTO €On 16/09/2019 Foreign Exchange Future			1.15750		1.15730			0.0000	0.00	0	0
QUANTO €On 13/12/2019 Foreign Exchange Future			1.16620		1.16590			0.0000	0.00	0	0
QUANTO €On 16/03/2020 Foreign Exchange Future			1.17540		1.17510			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			10.39340		10.34920			0.0000	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Future			10.52150		10.47680			0.0000	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Future			10.66710		10.62060			0.0000	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Future			10.80390		10.75540			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			112.21670	145.030	12.67	0.5781	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.34	Put			103.01670	91.630	12.67	0.4219	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.35	Call			106.88100	139.102	12.64	0.5648	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.35	Put			107.68100	95.702	12.64	0.4352	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.33	Call			117.70020	151.090	12.71	0.5913	0.00	0	0
SGD / R On 18/03/2019 Foreign Exchange Option	10.33	Put			98.50020	87.690	12.71	0.4087	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.01	Put			105.25540	96.217	12.74	0.2235	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	9.99	Call			586.33820	622.422	12.71	0.7856	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	9.99	Put			99.53820	90.922	12.71	0.2144	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.00	Call			579.17090	615.021	12.72	0.7811	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.00	Put			102.37090	93.521	12.72	0.2189	0.00	0	0
SGD / R On 14/06/2019 Foreign Exchange Option	10.01	Call			572.05540	607.717	12.74	0.7765	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.52	Call			462.83830	492.544	13.27	0.5755	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.52	Put			362.23830	345.444	13.27	0.4245	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.53	Call			458.12340	487.682	13.28	0.5717	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.53	Put			367.52340	350.582	13.28	0.4283	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.54	Call			453.45180	482.860	13.30	0.5679	0.00	0	0
SGD / R On 16/09/2019 Foreign Exchange Option	10.54	Put			372.85180	355.760	13.30	0.4321	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.67	Call			552.75220	579.882	13.42	0.5652	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.67	Put			467.35220	445.982	13.42	0.4348	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.68	Call			548.26970	575.263	13.43	0.5621	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.68	Put			472.86970	451.363	13.43	0.4379	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.66	Call			557.27100	584.534	13.40	0.5683	0.00	0	0
SGD / R On 13/12/2019 Foreign Exchange Option	10.66	Put			461.87100	440.634	13.40	0.4317	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			2.60790		2.60090			0.0000	0.00	0	25,000
TRY / R	On	14/06/2019	Foreign Exchange Future			2.51560		2.51040			0.0000	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Future			2.43860		2.43400			0.0000	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Future			2.37980		2.37580			0.0000	0.00	0	0
Total TRY / R Future												0.00	0	25,000
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Call			4.12320	4.349	15.92	0.1009	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.73	Put			133.22320	126.449	15.92	0.8991	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Call			3.49910	3.628	16.08	0.0860	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.74	Put			142.59910	135.728	16.08	0.9140	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Call			4.85880	5.205	15.76	0.1180	0.00	0	0
TRY / R	On	18/03/2019	Foreign Exchange Option	2.72	Put			123.95880	117.305	15.76	0.8820	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Call			1.03930	1.081	26.02	0.0095	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.53	Put			1,020.63930	1,015.481	26.02	0.9905	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Call			0.97880	1.018	26.02	0.0090	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.54	Put			1,030.57880	1,025.419	26.02	0.9910	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Call			1.10340	1.148	26.02	0.0100	0.00	0	0
TRY / R	On	14/06/2019	Foreign Exchange Option	3.52	Put			1,010.70340	1,005.548	26.02	0.9900	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.35	Call			164.47030	167.309	16.66	0.6412	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.35	Put			80.47030	78.709	16.66	0.3588	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.36	Call			158.28000	161.043	16.61	0.6285	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.36	Put			84.28000	82.443	16.61	0.3715	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.34	Call			170.78520	173.700	16.72	0.6537	0.00	0	0
TRY / R	On	16/09/2019	Foreign Exchange Option	2.34	Put			76.78520	75.100	16.72	0.3463	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.28	Call			202.14530	204.703	18.13	0.6355	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.28	Put			106.34530	104.903	18.13	0.3645	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.29	Call			196.21050	198.709	18.09	0.6254	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.29	Put			110.41050	108.909	18.09	0.3746	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.30	Call			190.37800	192.816	18.06	0.6152	0.00	0	0
TRY / R	On	13/12/2019	Foreign Exchange Option	2.30	Put			114.57800	113.016	18.06	0.3848	0.00	0	0
Total TRY / R Option												0.00	0	0
Total TRY / R												0.00	0	25,000
Total Futures												1 188 189 549.10	80,905	1,629,711
Total Options												79 800.30	145	6,396,021
Grand Total:												1,188,269,349.40	81,050	8,025,732