



Johannesburg
Stock Exchange

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

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

www.jse.co.za

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

CURRENCY DERIVATIVES

CURRENCY FUTURES AND OPTIONS WEEKLY STATISTICS

FROM: 11/12/2019 TO: 11/12/2019

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	\$ / R On 13-December-19			Foreign Exchange Future	14.75260	14.75260			0
11/12/2019	\$ / R On 13-December-19	11.89	C	Foreign Exchange Future	2.86260	2.86260			0
11/12/2019	\$ / R On 13-December-19	11.89	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	12.87	C	Foreign Exchange Future	1.88260	1.88260			0
11/12/2019	\$ / R On 13-December-19	12.87	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	13.00	C	Foreign Exchange Future	1.75260	1.75260			0
11/12/2019	\$ / R On 13-December-19	13.00	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	13.03	C	Foreign Exchange Future	1.72260	1.72260			0
11/12/2019	\$ / R On 13-December-19	13.03	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	13.66	C	Foreign Exchange Future	1.09260	1.09260			0
11/12/2019	\$ / R On 13-December-19	13.66	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	13.80	C	Foreign Exchange Future	0.95260	0.95260			0
11/12/2019	\$ / R On 13-December-19	13.80	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	13.94	C	Foreign Exchange Future	0.81260	0.81260			0
11/12/2019	\$ / R On 13-December-19	13.94	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	14.00	C	Foreign Exchange Future	0.75260	0.75260			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	\$ / R On 13-December-19	14.00	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	14.07	C	Foreign Exchange Future	0.68260	0.68261			0
11/12/2019	\$ / R On 13-December-19	14.07	P	Foreign Exchange Future	0.00000	0.00001			0
11/12/2019	\$ / R On 13-December-19	14.08	C	Foreign Exchange Future	0.67260	0.67261			0
11/12/2019	\$ / R On 13-December-19	14.08	P	Foreign Exchange Future	0.00000	0.00001			0
11/12/2019	\$ / R On 13-December-19	14.10	C	Foreign Exchange Future	0.65260	0.65261			0
11/12/2019	\$ / R On 13-December-19	14.10	P	Foreign Exchange Future	0.00000	0.00001			0
11/12/2019	\$ / R On 13-December-19	14.11	C	Foreign Exchange Future	0.64260	0.64262			0
11/12/2019	\$ / R On 13-December-19	14.11	P	Foreign Exchange Future	0.00000	0.00002			0
11/12/2019	\$ / R On 13-December-19	14.12	C	Foreign Exchange Future	0.63260	0.63262			0
11/12/2019	\$ / R On 13-December-19	14.12	P	Foreign Exchange Future	0.00000	0.00002			0
11/12/2019	\$ / R On 13-December-19	14.41	C	Foreign Exchange Future	0.34355	0.34587			0
11/12/2019	\$ / R On 13-December-19	14.41	P	Foreign Exchange Future	0.00095	0.00327			0
11/12/2019	\$ / R On 13-December-19	15.80	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	15.80	P	Foreign Exchange Future	1.04740	1.04740			0
11/12/2019	\$ / R On 13-December-19	15.81	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	15.81	P	Foreign Exchange Future	1.05740	1.05740			0
11/12/2019	\$ / R On 13-December-19	15.82	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	15.82	P	Foreign Exchange Future	1.06740	1.06740			0
11/12/2019	\$ / R On 13-December-19	16.13	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.13	P	Foreign Exchange Future	1.37740	1.37740			0
11/12/2019	\$ / R On 13-December-19	16.20	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.20	P	Foreign Exchange Future	1.44740	1.44740			0
11/12/2019	\$ / R On 13-December-19	16.25	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.25	P	Foreign Exchange Future	1.49740	1.49740			0
11/12/2019	\$ / R On 13-December-19	16.35	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.35	P	Foreign Exchange Future	1.59740	1.59740			0
11/12/2019	\$ / R On 13-December-19	16.37	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.37	P	Foreign Exchange Future	1.61740	1.61740			0
11/12/2019	\$ / R On 13-December-19	16.55	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.55	P	Foreign Exchange Future	1.79740	1.79740			0
11/12/2019	\$ / R On 13-December-19	16.85	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.85	P	Foreign Exchange Future	2.09740	2.09740			0
11/12/2019	\$ / R On 13-December-19	16.99	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	16.99	P	Foreign Exchange Future	2.23740	2.23740			0
11/12/2019	\$ / R On 13-December-19	17.02	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	17.02	P	Foreign Exchange Future	2.26740	2.26740			0
11/12/2019	\$ / R On 13-December-19	17.38	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R On 13-December-19	17.38	P	Foreign Exchange Future	2.62740	2.62740			0
11/12/2019	\$ / R On 13-December-19	20.00	C	Foreign Exchange Future	0.00000	0.00000			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	\$ / R On 13-December-19	20.00	P	Foreign Exchange Future	5.24740	5.24740			0
11/12/2019	\$ / R On 02-January-20			Any day expiry	14.78910	14.78910			0
11/12/2019	\$ / R On 31-December-19	13.00	C	Any day expiry	1.78540	1.78541			0
11/12/2019	\$ / R On 31-December-19	13.00	P	Any day expiry	0.00000	0.00001			0
11/12/2019	\$ / R On 02-January-20	13.49	C	Any day expiry	1.29965	1.29978			0
11/12/2019	\$ / R On 02-January-20	13.49	P	Any day expiry	0.00055	0.00068			0
11/12/2019	\$ / R On 31-December-19	14.20	C	Any day expiry	0.61412	0.61658			0
11/12/2019	\$ / R On 31-December-19	14.20	P	Any day expiry	0.02872	0.03118			0
11/12/2019	\$ / R On 31-December-19	14.25	C	Any day expiry	0.57129	0.57408			0
11/12/2019	\$ / R On 31-December-19	14.25	P	Any day expiry	0.03589	0.03868			0
11/12/2019	\$ / R On 31-December-19	16.21	C	Any day expiry	0.00285	0.00340			0
11/12/2019	\$ / R On 31-December-19	16.21	P	Any day expiry	1.42745	1.42800			0
11/12/2019	\$ / R On 31-December-19	17.05	C	Any day expiry	0.00011	0.00015			0
11/12/2019	\$ / R On 31-December-19	17.05	P	Any day expiry	2.26471	2.26475			0
11/12/2019	\$ / R On 31-December-19	17.44	C	Any day expiry	0.00002	0.00003			0
11/12/2019	\$ / R On 31-December-19	17.44	P	Any day expiry	2.65462	2.65463			0
11/12/2019	\$ / R On 31-January-20			Any day expiry	14.84240	14.84240			0
11/12/2019	\$ / R On 31-January-20	13.54	C	Any day expiry	1.31475	1.31540			0
11/12/2019	\$ / R On 31-January-20	13.54	P	Any day expiry	0.01235	0.01300			0
11/12/2019	\$ / R On 28-February-20			Any day expiry	14.89510	14.89510			0
11/12/2019	\$ / R On 28-February-20	14.78	C	Any day expiry	0.48611	0.48878			0
11/12/2019	\$ / R On 28-February-20	14.78	P	Any day expiry	0.37101	0.37368			0
11/12/2019	\$ / R On 02-March-20			Any day expiry	14.90060	14.90060			0
11/12/2019	\$ / R On 02-March-20	13.59	C	Any day expiry	1.34844	1.34936			0
11/12/2019	\$ / R On 02-March-20	13.59	P	Any day expiry	0.03784	0.03876			0
11/12/2019	\$ / R On 16-March-20			Foreign Exchange Future	14.92590	14.92590			0
11/12/2019	\$ / R On 16-March-20	11.91	C	Foreign Exchange Future	3.01595	3.01595			0
11/12/2019	\$ / R On 16-March-20	11.91	P	Foreign Exchange Future	0.00005	0.00005			0
11/12/2019	\$ / R On 16-March-20	12.96	C	Foreign Exchange Future	1.97350	1.97376			0
11/12/2019	\$ / R On 16-March-20	12.96	P	Foreign Exchange Future	0.00760	0.00786			0
11/12/2019	\$ / R On 16-March-20	13.06	C	Foreign Exchange Future	1.87668	1.87701			0
11/12/2019	\$ / R On 16-March-20	13.06	P	Foreign Exchange Future	0.01078	0.01111			0
11/12/2019	\$ / R On 16-March-20	13.19	C	Foreign Exchange Future	1.75236	1.75282			0
11/12/2019	\$ / R On 16-March-20	13.19	P	Foreign Exchange Future	0.01646	0.01692			0
11/12/2019	\$ / R On 16-March-20	13.78	C	Foreign Exchange Future	1.22097	1.22219			0
11/12/2019	\$ / R On 16-March-20	13.78	P	Foreign Exchange Future	0.07507	0.07629			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	\$ / R On 16-March-20	14.01	C	Foreign Exchange Future	1.03468	1.03624			0
11/12/2019	\$ / R On 16-March-20	14.01	P	Foreign Exchange Future	0.11878	0.12034			0
11/12/2019	\$ / R On 16-March-20	14.40	C	Foreign Exchange Future	0.75947	0.76156			0
11/12/2019	\$ / R On 16-March-20	14.40	P	Foreign Exchange Future	0.23357	0.23566			0
11/12/2019	\$ / R On 16-March-20	14.51	C	Foreign Exchange Future	0.69242	0.69463			0
11/12/2019	\$ / R On 16-March-20	14.51	P	Foreign Exchange Future	0.27652	0.27873			0
11/12/2019	\$ / R On 16-March-20	14.66	C	Foreign Exchange Future	0.60808	0.61042			0
11/12/2019	\$ / R On 16-March-20	14.66	P	Foreign Exchange Future	0.34218	0.34452			0
11/12/2019	\$ / R On 16-March-20	15.61	C	Foreign Exchange Future	0.24564	0.24798			0
11/12/2019	\$ / R On 16-March-20	15.61	P	Foreign Exchange Future	0.92974	0.93208			0
11/12/2019	\$ / R On 16-March-20	15.62	C	Foreign Exchange Future	0.24317	0.24550			0
11/12/2019	\$ / R On 16-March-20	15.62	P	Foreign Exchange Future	0.93727	0.93960			0
11/12/2019	\$ / R On 16-March-20	15.63	C	Foreign Exchange Future	0.24072	0.24304			0
11/12/2019	\$ / R On 16-March-20	15.63	P	Foreign Exchange Future	0.94482	0.94714			0
11/12/2019	\$ / R On 16-March-20	16.60	C	Foreign Exchange Future	0.08833	0.08987			0
11/12/2019	\$ / R On 16-March-20	16.60	P	Foreign Exchange Future	1.76243	1.76397			0
11/12/2019	\$ / R On 16-March-20	16.81	C	Foreign Exchange Future	0.07061	0.07197			0
11/12/2019	\$ / R On 16-March-20	16.81	P	Foreign Exchange Future	1.95471	1.95607			0
11/12/2019	\$ / R On 16-March-20	17.04	C	Foreign Exchange Future	0.05526	0.05643			0
11/12/2019	\$ / R On 16-March-20	17.04	P	Foreign Exchange Future	2.16936	2.17053			0
11/12/2019	\$ / R On 16-March-20	17.73	C	Foreign Exchange Future	0.02669	0.02743			0
11/12/2019	\$ / R On 16-March-20	17.73	P	Foreign Exchange Future	2.83079	2.83152			0
11/12/2019	\$ / R On 16-March-20	17.88	C	Foreign Exchange Future	0.02284	0.02351			0
11/12/2019	\$ / R On 16-March-20	17.88	P	Foreign Exchange Future	2.97694	2.97761			0
11/12/2019	\$ / R On 02-April-20			Any day expiry	14.95720	14.95720			0
11/12/2019	\$ / R On 02-April-20	13.64	C	Any day expiry	1.38705	1.38808			0
11/12/2019	\$ / R On 02-April-20	13.64	P	Any day expiry	0.06985	0.07088			0
11/12/2019	\$ / R On 29-April-20			Any day expiry	15.00870	15.00870			0
11/12/2019	\$ / R On 29-April-20	13.69	C	Any day expiry	1.41923	1.42030			0
11/12/2019	\$ / R On 29-April-20	13.69	P	Any day expiry	0.10053	0.10160			0
11/12/2019	\$ / R On 02-June-20			Any day expiry	15.07600	15.07600			0
11/12/2019	\$ / R On 02-June-20	13.74	C	Any day expiry	1.47451	1.47559			0
11/12/2019	\$ / R On 02-June-20	13.74	P	Any day expiry	0.13851	0.13959			0
11/12/2019	\$ / R On 12-June-20			Foreign Exchange Future	15.09580	15.09580			0
11/12/2019	\$ / R On 12-June-20	11.90	C	Foreign Exchange Future	3.19874	3.19881			0
11/12/2019	\$ / R On 12-June-20	11.90	P	Foreign Exchange Future	0.00294	0.00301			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	\$ / R On 12-June-20	14.25	C	Foreign Exchange Future	1.13294	1.13439			0
11/12/2019	\$ / R On 12-June-20	14.25	P	Foreign Exchange Future	0.28714	0.28859			0
11/12/2019	\$ / R On 12-June-20	15.16	C	Foreign Exchange Future	0.65682	0.65869			0
11/12/2019	\$ / R On 12-June-20	15.16	P	Foreign Exchange Future	0.72102	0.72289			0
11/12/2019	\$ / R On 12-June-20	15.17	C	Foreign Exchange Future	0.65271	0.65458			0
11/12/2019	\$ / R On 12-June-20	15.17	P	Foreign Exchange Future	0.72691	0.72878			0
11/12/2019	\$ / R On 12-June-20	15.18	C	Foreign Exchange Future	0.64862	0.65049			0
11/12/2019	\$ / R On 12-June-20	15.18	P	Foreign Exchange Future	0.73282	0.73469			0
11/12/2019	\$ / R On 12-June-20	17.26	C	Foreign Exchange Future	0.17142	0.17279			0
11/12/2019	\$ / R On 12-June-20	17.26	P	Foreign Exchange Future	2.33562	2.33699			0
11/12/2019	\$ / R On 28-July-20			Any day expiry	15.18680	15.18680			0
11/12/2019	\$ / R On 28-July-20	15.37	C	Any day expiry	0.70357	0.70528			0
11/12/2019	\$ / R On 28-July-20	15.37	P	Any day expiry	0.88677	0.88848			0
11/12/2019	\$ / R On 14-September-20			Foreign Exchange Future	15.28040	15.28040			0
11/12/2019	\$ / R On 14-September-20	15.34	C	Foreign Exchange Future	0.84291	0.84447			0
11/12/2019	\$ / R On 14-September-20	15.34	P	Foreign Exchange Future	0.90251	0.90407			0
11/12/2019	\$ / R On 14-September-20	15.35	C	Foreign Exchange Future	0.83888	0.84044			0
11/12/2019	\$ / R On 14-September-20	15.35	P	Foreign Exchange Future	0.90848	0.91004			0
11/12/2019	\$ / R On 14-September-20	15.36	C	Foreign Exchange Future	0.83486	0.83643			0
11/12/2019	\$ / R On 14-September-20	15.36	P	Foreign Exchange Future	0.91446	0.91603			0
11/12/2019	\$ / R MAXI On 13-December-19			Foreign Exchange Future	14.75260	14.75260			0
11/12/2019	\$ / R MAXI On 13-December-19	14.01	C	Foreign Exchange Future	0.74260	0.74260			0
11/12/2019	\$ / R MAXI On 13-December-19	14.01	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R MAXI On 13-December-19	14.02	C	Foreign Exchange Future	0.73260	0.73260			0
11/12/2019	\$ / R MAXI On 13-December-19	14.02	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R MAXI On 13-December-19	14.03	C	Foreign Exchange Future	0.72260	0.72260			0
11/12/2019	\$ / R MAXI On 13-December-19	14.03	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	\$ / R MAXI On 16-March-20			Foreign Exchange Future	14.92590	14.92590			0
11/12/2019	\$ / R MAXI On 16-March-20	14.67	C	Foreign Exchange Future	0.60275	0.60510			0
11/12/2019	\$ / R MAXI On 16-March-20	14.67	P	Foreign Exchange Future	0.34685	0.34920			0
11/12/2019	\$ / R MAXI On 16-March-20	14.68	C	Foreign Exchange Future	0.59745	0.59981			0
11/12/2019	\$ / R MAXI On 16-March-20	14.68	P	Foreign Exchange Future	0.35155	0.35391			0
11/12/2019	\$ / R MAXI On 16-March-20	14.69	C	Foreign Exchange Future	0.59219	0.59455			0
11/12/2019	\$ / R MAXI On 16-March-20	14.69	P	Foreign Exchange Future	0.35629	0.35865			0
11/12/2019	£ / R On 13-December-19			Foreign Exchange Future	19.27110	19.27110			0
11/12/2019	£ / R On 13-December-19	18.75	C	Foreign Exchange Future	0.52139	0.52258			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	£ / R On 13-December-19	18.75	P	Foreign Exchange Future	0.00029	0.00148			0
11/12/2019	£ / R On 13-December-19	19.95	C	Foreign Exchange Future	0.00005	0.00045			0
11/12/2019	£ / R On 13-December-19	19.95	P	Foreign Exchange Future	0.67895	0.67935			0
11/12/2019	£ / R On 13-December-19	19.96	C	Foreign Exchange Future	0.00004	0.00040			0
11/12/2019	£ / R On 13-December-19	19.96	P	Foreign Exchange Future	0.68894	0.68930			0
11/12/2019	£ / R On 13-December-19	19.97	C	Foreign Exchange Future	0.00004	0.00036			0
11/12/2019	£ / R On 13-December-19	19.97	P	Foreign Exchange Future	0.69894	0.69926			0
11/12/2019	£ / R On 13-December-19	22.13	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	£ / R On 13-December-19	22.13	P	Foreign Exchange Future	2.85890	2.85890			0
11/12/2019	£ / R On 16-March-20			Foreign Exchange Future	19.57520	19.57520			0
11/12/2019	£ / R On 16-March-20	19.00	C	Foreign Exchange Future	0.90654	0.90929			0
11/12/2019	£ / R On 16-March-20	19.00	P	Foreign Exchange Future	0.33134	0.33409			0
11/12/2019	£ / R On 16-March-20	20.29	C	Foreign Exchange Future	0.32801	0.33091			0
11/12/2019	£ / R On 16-March-20	20.29	P	Foreign Exchange Future	1.04281	1.04571			0
11/12/2019	£ / R On 16-March-20	20.30	C	Foreign Exchange Future	0.32516	0.32806			0
11/12/2019	£ / R On 16-March-20	20.30	P	Foreign Exchange Future	1.04996	1.05286			0
11/12/2019	£ / R On 16-March-20	20.31	C	Foreign Exchange Future	0.32233	0.32522			0
11/12/2019	£ / R On 16-March-20	20.31	P	Foreign Exchange Future	1.05713	1.06002			0
11/12/2019	£ / R On 12-June-20			Foreign Exchange Future	19.86290	19.86290			0
11/12/2019	£ / R On 12-June-20	19.99	C	Foreign Exchange Future	0.80322	0.80557			0
11/12/2019	£ / R On 12-June-20	19.99	P	Foreign Exchange Future	0.93032	0.93267			0
11/12/2019	£ / R On 12-June-20	20.00	C	Foreign Exchange Future	0.79898	0.80132			0
11/12/2019	£ / R On 12-June-20	20.00	P	Foreign Exchange Future	0.93608	0.93842			0
11/12/2019	£ / R On 12-June-20	20.01	C	Foreign Exchange Future	0.79476	0.79710			0
11/12/2019	£ / R On 12-June-20	20.01	P	Foreign Exchange Future	0.94186	0.94420			0
11/12/2019	£ / R On 14-September-20			Foreign Exchange Future	20.17040	20.17040			0
11/12/2019	£ / R On 14-September-20	20.29	C	Foreign Exchange Future	1.05521	1.05721			0
11/12/2019	£ / R On 14-September-20	20.29	P	Foreign Exchange Future	1.17481	1.17681			0
11/12/2019	£ / R On 14-September-20	20.30	C	Foreign Exchange Future	1.05098	1.05298			0
11/12/2019	£ / R On 14-September-20	20.30	P	Foreign Exchange Future	1.18058	1.18258			0
11/12/2019	£ / R On 14-September-20	20.31	C	Foreign Exchange Future	1.04677	1.04876			0
11/12/2019	£ / R On 14-September-20	20.31	P	Foreign Exchange Future	1.18637	1.18837			0
11/12/2019	¥ / R On 13-December-19			Foreign Exchange Future	0.13460	0.13460			0
11/12/2019	¥ / R On 13-December-19	0.12	C	Foreign Exchange Future	0.01460	0.01460			0
11/12/2019	¥ / R On 13-December-19	0.12	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	¥ / R On 13-December-19	0.13	C	Foreign Exchange Future	0.00460	0.00461			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	¥ / R On 13-December-19	0.13	P	Foreign Exchange Future	0.00000	0.00001			0
11/12/2019	¥ / R On 13-December-19	0.14	C	Foreign Exchange Future	0.00000	0.00001			0
11/12/2019	¥ / R On 13-December-19	0.14	P	Foreign Exchange Future	0.00540	0.00541			0
11/12/2019	¥ / R On 16-March-20			Foreign Exchange Future	0.13720	0.13720			0
11/12/2019	¥ / R On 16-March-20	0.13	C	Foreign Exchange Future	0.00894	0.00895			0
11/12/2019	¥ / R On 16-March-20	0.13	P	Foreign Exchange Future	0.00174	0.00175			0
11/12/2019	¥ / R On 16-March-20	0.14	C	Foreign Exchange Future	0.00377	0.00379			0
11/12/2019	¥ / R On 16-March-20	0.14	P	Foreign Exchange Future	0.00657	0.00659			0
11/12/2019	¥ / R On 16-March-20	0.15	C	Foreign Exchange Future	0.00135	0.00136			0
11/12/2019	¥ / R On 16-March-20	0.15	P	Foreign Exchange Future	0.01415	0.01416			0
11/12/2019	€ / R On 13-December-19			Foreign Exchange Future	16.76890	16.76890			0
11/12/2019	€ / R On 13-December-19	13.73	C	Foreign Exchange Future	3.03890	3.03890			0
11/12/2019	€ / R On 13-December-19	13.73	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	14.09	C	Foreign Exchange Future	2.67890	2.67890			0
11/12/2019	€ / R On 13-December-19	14.09	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	14.23	C	Foreign Exchange Future	2.53890	2.53890			0
11/12/2019	€ / R On 13-December-19	14.23	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	15.70	C	Foreign Exchange Future	1.06890	1.06890			0
11/12/2019	€ / R On 13-December-19	15.70	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	15.85	C	Foreign Exchange Future	0.91890	0.91890			0
11/12/2019	€ / R On 13-December-19	15.85	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	16.15	C	Foreign Exchange Future	0.61890	0.61897			0
11/12/2019	€ / R On 13-December-19	16.15	P	Foreign Exchange Future	0.00000	0.00007			0
11/12/2019	€ / R On 13-December-19	18.01	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	18.01	P	Foreign Exchange Future	1.24110	1.24110			0
11/12/2019	€ / R On 13-December-19	18.02	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	18.02	P	Foreign Exchange Future	1.25110	1.25110			0
11/12/2019	€ / R On 13-December-19	18.03	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	18.03	P	Foreign Exchange Future	1.26110	1.26110			0
11/12/2019	€ / R On 13-December-19	19.79	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	19.79	P	Foreign Exchange Future	3.02110	3.02110			0
11/12/2019	€ / R On 13-December-19	19.80	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	19.80	P	Foreign Exchange Future	3.03110	3.03110			0
11/12/2019	€ / R On 13-December-19	20.62	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	€ / R On 13-December-19	20.62	P	Foreign Exchange Future	3.85110	3.85110			0
11/12/2019	€ / R On 10-February-20			Any day expiry	16.97740	16.97740			0
11/12/2019	€ / R On 10-February-20	16.65	C	Any day expiry	0.57549	0.57850			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	€ / R On 10-February-20	16.65	P	Any day expiry	0.24809	0.25110			0
11/12/2019	€ / R On 10-February-20	16.91	C	Any day expiry	0.43639	0.43966			0
11/12/2019	€ / R On 10-February-20	16.91	P	Any day expiry	0.36899	0.37226			0
11/12/2019	€ / R On 10-February-20	17.00	C	Any day expiry	0.39466	0.39797			0
11/12/2019	€ / R On 10-February-20	17.00	P	Any day expiry	0.41726	0.42057			0
11/12/2019	€ / R On 10-February-20	17.07	C	Any day expiry	0.36443	0.36775			0
11/12/2019	€ / R On 10-February-20	17.07	P	Any day expiry	0.45703	0.46035			0
11/12/2019	€ / R On 16-March-20			Foreign Exchange Future	17.09630	17.09630			0
11/12/2019	€ / R On 16-March-20	18.45	C	Foreign Exchange Future	0.14606	0.14809			0
11/12/2019	€ / R On 16-March-20	18.45	P	Foreign Exchange Future	1.49976	1.50179			0
11/12/2019	€ / R On 16-March-20	18.46	C	Foreign Exchange Future	0.14464	0.14667			0
11/12/2019	€ / R On 16-March-20	18.46	P	Foreign Exchange Future	1.50834	1.51037			0
11/12/2019	€ / R On 16-March-20	18.47	C	Foreign Exchange Future	0.14325	0.14527			0
11/12/2019	€ / R On 16-March-20	18.47	P	Foreign Exchange Future	1.51695	1.51897			0
11/12/2019	AU\$ / R On 13-December-19			Foreign Exchange Future	10.45630	10.45630			0
11/12/2019	AU\$ / R On 13-December-19	10.89	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	AU\$ / R On 13-December-19	10.89	P	Foreign Exchange Future	0.43370	0.43370			0
11/12/2019	AU\$ / R On 13-December-19	10.90	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	AU\$ / R On 13-December-19	10.90	P	Foreign Exchange Future	0.44370	0.44370			0
11/12/2019	AU\$ / R On 13-December-19	10.91	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	AU\$ / R On 13-December-19	10.91	P	Foreign Exchange Future	0.45370	0.45370			0
11/12/2019	AU\$ / R On 13-December-19	11.00	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	AU\$ / R On 13-December-19	11.00	P	Foreign Exchange Future	0.54370	0.54370			0
11/12/2019	AU\$ / R On 16-March-20			Foreign Exchange Future	10.60320	10.60320			0
11/12/2019	AU\$ / R On 16-March-20	11.05	C	Foreign Exchange Future	0.10930	0.11047			0
11/12/2019	AU\$ / R On 16-March-20	11.05	P	Foreign Exchange Future	0.55610	0.55727			0
11/12/2019	AU\$ / R On 16-March-20	11.06	C	Foreign Exchange Future	0.10712	0.10828			0
11/12/2019	AU\$ / R On 16-March-20	11.06	P	Foreign Exchange Future	0.56392	0.56508			0
11/12/2019	AU\$ / R On 16-March-20	11.07	C	Foreign Exchange Future	0.10497	0.10613			0
11/12/2019	AU\$ / R On 16-March-20	11.07	P	Foreign Exchange Future	0.57177	0.57293			0
11/12/2019	CAD/ R On 13-December-19			Foreign Exchange Future	11.01030	11.01030			0
11/12/2019	CAD/ R On 13-December-19	11.53	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CAD/ R On 13-December-19	11.53	P	Foreign Exchange Future	0.51970	0.51970			0
11/12/2019	CAD/ R On 13-December-19	11.54	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CAD/ R On 13-December-19	11.54	P	Foreign Exchange Future	0.52970	0.52970			0
11/12/2019	CAD/ R On 13-December-19	11.55	C	Foreign Exchange Future	0.00000	0.00000			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	CAD/ R On 13-December-19	11.55	P	Foreign Exchange Future	0.53970	0.53970			0
11/12/2019	CAD/ R On 16-March-20			Foreign Exchange Future	11.16030	11.16030			0
11/12/2019	CAD/ R On 16-March-20	11.68	C	Foreign Exchange Future	0.12917	0.13055			0
11/12/2019	CAD/ R On 16-March-20	11.68	P	Foreign Exchange Future	0.64887	0.65025			0
11/12/2019	CAD/ R On 16-March-20	11.69	C	Foreign Exchange Future	0.12697	0.12834			0
11/12/2019	CAD/ R On 16-March-20	11.69	P	Foreign Exchange Future	0.65667	0.65804			0
11/12/2019	CAD/ R On 16-March-20	11.70	C	Foreign Exchange Future	0.12481	0.12617			0
11/12/2019	CAD/ R On 16-March-20	11.70	P	Foreign Exchange Future	0.66451	0.66587			0
11/12/2019	CHF / R On 13-December-19			Foreign Exchange Future	14.77310	14.77310			0
11/12/2019	CHF / R On 13-December-19	15.95	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CHF / R On 13-December-19	15.95	P	Foreign Exchange Future	1.17690	1.17690			0
11/12/2019	CHF / R On 13-December-19	15.96	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CHF / R On 13-December-19	15.96	P	Foreign Exchange Future	1.18690	1.18690			0
11/12/2019	CHF / R On 13-December-19	15.97	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CHF / R On 13-December-19	15.97	P	Foreign Exchange Future	1.19690	1.19690			0
11/12/2019	CHF / R On 16-March-20			Foreign Exchange Future	15.07740	15.07740			0
11/12/2019	CHF / R On 16-March-20	16.62	C	Foreign Exchange Future	0.10154	0.10319			0
11/12/2019	CHF / R On 16-March-20	16.62	P	Foreign Exchange Future	1.64414	1.64579			0
11/12/2019	CHF / R On 16-March-20	16.63	C	Foreign Exchange Future	0.10044	0.10209			0
11/12/2019	CHF / R On 16-March-20	16.63	P	Foreign Exchange Future	1.65304	1.65469			0
11/12/2019	CHF / R On 16-March-20	16.64	C	Foreign Exchange Future	0.09936	0.10099			0
11/12/2019	CHF / R On 16-March-20	16.64	P	Foreign Exchange Future	1.66196	1.66359			0
11/12/2019	CNH / R On 13-December-19			Foreign Exchange Future	2.21470	2.21470			0
11/12/2019	CNH / R On 13-December-19	2.10	C	Foreign Exchange Future	0.11470	0.11470			0
11/12/2019	CNH / R On 13-December-19	2.10	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CNH / R On 13-December-19	2.11	C	Foreign Exchange Future	0.10470	0.10470			0
11/12/2019	CNH / R On 13-December-19	2.11	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	CNH / R On 13-December-19	2.12	C	Foreign Exchange Future	0.09470	0.09470			0
11/12/2019	CNH / R On 13-December-19	2.12	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	DKK / R On 13-December-19			Foreign Exchange Future	2.24950	2.24950			0
11/12/2019	DKK / R On 13-December-19	2.53	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	DKK / R On 13-December-19	2.53	P	Foreign Exchange Future	0.28050	0.28050			0
11/12/2019	DKK / R On 13-December-19	2.54	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	DKK / R On 13-December-19	2.54	P	Foreign Exchange Future	0.29050	0.29050			0
11/12/2019	DKK / R On 13-December-19	2.55	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	DKK / R On 13-December-19	2.55	P	Foreign Exchange Future	0.30050	0.30050			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	DKK / R On 16-March-20			Foreign Exchange Future	2.29500	2.29500			0
11/12/2019	DKK / R On 16-March-20	2.60	C	Foreign Exchange Future	0.00490	0.00502			0
11/12/2019	DKK / R On 16-March-20	2.60	P	Foreign Exchange Future	0.30990	0.31002			0
11/12/2019	DKK / R On 16-March-20	2.61	C	Foreign Exchange Future	0.00446	0.00457			0
11/12/2019	DKK / R On 16-March-20	2.61	P	Foreign Exchange Future	0.31946	0.31957			0
11/12/2019	DKK / R On 16-March-20	2.62	C	Foreign Exchange Future	0.00405	0.00416			0
11/12/2019	DKK / R On 16-March-20	2.62	P	Foreign Exchange Future	0.32905	0.32916			0
11/12/2019	HK\$/R On 13-December-19			Foreign Exchange Future	1.88810	1.88810			0
11/12/2019	HK\$/R On 13-December-19	1.83	C	Foreign Exchange Future	0.05811	0.05818			0
11/12/2019	HK\$/R On 13-December-19	1.83	P	Foreign Exchange Future	0.00001	0.00008			0
11/12/2019	HK\$/R On 13-December-19	1.84	C	Foreign Exchange Future	0.04816	0.04836			0
11/12/2019	HK\$/R On 13-December-19	1.84	P	Foreign Exchange Future	0.00006	0.00026			0
11/12/2019	HK\$/R On 13-December-19	1.85	C	Foreign Exchange Future	0.03836	0.03883			0
11/12/2019	HK\$/R On 13-December-19	1.85	P	Foreign Exchange Future	0.00026	0.00073			0
11/12/2019	KES / R On 13-December-19			Foreign Exchange Future	0.13910	0.13910			0
11/12/2019	KES / R On 16-March-20			Foreign Exchange Future	0.13910	0.13910			0
11/12/2019	NOK/R On 13-December-19			Foreign Exchange Future	1.71570	1.71570			0
11/12/2019	NZ\$ / R On 13-December-19			Foreign Exchange Future	9.88230	9.88230			0
11/12/2019	NZ\$ / R On 13-December-19	10.34	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	NZ\$ / R On 13-December-19	10.34	P	Foreign Exchange Future	0.45770	0.45770			0
11/12/2019	NZ\$ / R On 13-December-19	10.35	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	NZ\$ / R On 13-December-19	10.35	P	Foreign Exchange Future	0.46770	0.46770			0
11/12/2019	NZ\$ / R On 13-December-19	10.36	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	NZ\$ / R On 13-December-19	10.36	P	Foreign Exchange Future	0.47770	0.47770			0
11/12/2019	NZ\$ / R On 16-March-20			Foreign Exchange Future	10.01410	10.01410			0
11/12/2019	NZ\$ / R On 16-March-20	10.51	C	Foreign Exchange Future	0.10397	0.10514			0
11/12/2019	NZ\$ / R On 16-March-20	10.51	P	Foreign Exchange Future	0.59987	0.60104			0
11/12/2019	NZ\$ / R On 16-March-20	10.52	C	Foreign Exchange Future	0.10195	0.10311			0
11/12/2019	NZ\$ / R On 16-March-20	10.52	P	Foreign Exchange Future	0.60785	0.60901			0
11/12/2019	NZ\$ / R On 16-March-20	10.53	C	Foreign Exchange Future	0.09997	0.10113			0
11/12/2019	NZ\$ / R On 16-March-20	10.53	P	Foreign Exchange Future	0.61587	0.61703			0
11/12/2019	PULA / R On 13-December-19			Foreign Exchange Future	1.35080	1.35080			0
11/12/2019	PULA / R On 13-December-19	1.33	C	Foreign Exchange Future	0.02080	0.02080			0

Date	Contract Details	Strike	Call/ Put	Product	MTM Price	Previous Day's Closing Price	Spot Rate	ZAR Converted Amount	Open Interest
11/12/2019	PULA / R On 13-December-19	1.33	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	PULA / R On 13-December-19	1.34	C	Foreign Exchange Future	0.01080	0.01080			0
11/12/2019	PULA / R On 13-December-19	1.34	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	PULA / R On 13-December-19	1.35	C	Foreign Exchange Future	0.00080	0.00080			0
11/12/2019	PULA / R On 13-December-19	1.35	P	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	QUANTO £ / \$ On 13-December-19			Foreign Exchange Future	1.30630	1.30630			0
11/12/2019	QUANTO £ / \$ On 16-March-20			Foreign Exchange Future	1.31150	1.31150			0
11/12/2019	QUANTO € / \$ On 13-December-19			Foreign Exchange Future	1.13670	1.13670			0
11/12/2019	QUANTO € / \$ On 16-March-20			Foreign Exchange Future	1.14540	1.14540			0
11/12/2019	SGD / R On 13-December-19			Foreign Exchange Future	10.88370	10.88370			0
11/12/2019	SGD / R On 13-December-19	10.66	C	Foreign Exchange Future	0.22418	0.22544			0
11/12/2019	SGD / R On 13-December-19	10.66	P	Foreign Exchange Future	0.00048	0.00174			0
11/12/2019	SGD / R On 13-December-19	10.67	C	Foreign Exchange Future	0.21433	0.21584			0
11/12/2019	SGD / R On 13-December-19	10.67	P	Foreign Exchange Future	0.00063	0.00214			0
11/12/2019	SGD / R On 13-December-19	10.68	C	Foreign Exchange Future	0.20454	0.20632			0
11/12/2019	SGD / R On 13-December-19	10.68	P	Foreign Exchange Future	0.00084	0.00262			0
11/12/2019	TRY / R On 13-December-19			Foreign Exchange Future	2.14970	2.14970			0
11/12/2019	TRY / R On 13-December-19	2.28	C	Foreign Exchange Future	0.00000	0.00002			0
11/12/2019	TRY / R On 13-December-19	2.28	P	Foreign Exchange Future	0.13030	0.13032			0
11/12/2019	TRY / R On 13-December-19	2.29	C	Foreign Exchange Future	0.00000	0.00001			0
11/12/2019	TRY / R On 13-December-19	2.29	P	Foreign Exchange Future	0.14030	0.14031			0
11/12/2019	TRY / R On 13-December-19	2.30	C	Foreign Exchange Future	0.00000	0.00000			0
11/12/2019	TRY / R On 13-December-19	2.30	P	Foreign Exchange Future	0.15030	0.15030			0
Futures Open Interest									0.00
Options Open Interest									0.00
Total									0.00