



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](http://www.jse.co.za)

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

## CURRENCY DERIVATIVES

## CURRENCY FUTURES AND OPTIONS DETAILED TURNOVER

DATE: 08/10/2018

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
<b>Dec 2018 \$ / R</b>								
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0114		15,011.40
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0250		15,025.00
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0600		15,060.00
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0129		15,012.90
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0109		15,010.90
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0306		15,030.60
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0638		15,063.80
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0750		15,075.00
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	14.9800		14,980.00
\$ / R 14/12/2018		Foreign Exchange Future						
		Sell	1	1,000	1,000.00	15.0359		15,035.90
\$ / R 14/12/2018		Foreign Exchange Future						
		Buy	1	1,000	1,000.00	15.0359		15,035.90
\$ / R 14/12/2018		Foreign Exchange Future						
		Buy	1	1,000	1,000.00	14.9800		14,980.00
\$ / R 14/12/2018		Foreign Exchange Future						
		Buy	1	1,000	1,000.00	15.0114		15,011.40
\$ / R 14/12/2018		Foreign Exchange Future						
		Buy	1	1,000	1,000.00	15.0338		15,033.80

\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0674	15,067.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0338	15,033.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	1	1,000	1,000.00	15.0399	15,039.90
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	14.9990	29,998.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0850	30,170.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0700	30,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	14.9990	29,998.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	14.9907	29,981.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0906	30,181.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0767	30,153.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	14.9907	29,981.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0700	30,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0756	30,151.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	14.9987	29,997.40
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0433	30,086.60
\$ / R 14/12/2018	Foreign Exchange Future	Sell	2	1,000	2,000.00	15.0433	30,086.60
\$ / R 14/12/2018	Foreign Exchange Future	Buy	2	1,000	2,000.00	15.0850	30,170.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	3	1,000	3,000.00	15.0275	45,082.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	3	1,000	3,000.00	14.9625	44,887.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	3	1,000	3,000.00	15.0850	45,255.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	3	1,000	3,000.00	14.9901	44,970.30
\$ / R 14/12/2018	Foreign Exchange Future	Buy	3	1,000	3,000.00	14.9823	44,946.90
\$ / R 14/12/2018	Foreign Exchange Future	Sell	3	1,000	3,000.00	15.0600	45,180.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	3	1,000	3,000.00	14.9823	44,946.90
\$ / R 14/12/2018	Foreign Exchange Future	Buy	3	1,000	3,000.00	14.9625	44,887.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	3	1,000	3,000.00	15.0850	45,255.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	4	1,000	4,000.00	15.0433	60,173.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	4	1,000	4,000.00	15.0433	60,173.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	4	1,000	4,000.00	15.0442	60,176.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	4	1,000	4,000.00	14.9813	59,925.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	4	1,000	4,000.00	15.0442	60,176.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	4	1,000	4,000.00	15.0675	60,270.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0400	75,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0717	75,358.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0278	75,139.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0967	75,483.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0000	75,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0300	75,150.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.9919	74,959.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0355	75,177.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.9919	74,959.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0000	75,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0967	75,483.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.9403	74,701.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0702	75,351.00

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	14.9403		74,701.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	5	1,000	5,000.00	15.0278		75,139.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0899		75,449.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	14.9700		74,850.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	5	1,000	5,000.00	15.0355		75,177.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	7	1,000	7,000.00	14.8700		104,090.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	7	1,000	7,000.00	14.8700		104,090.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	7	1,000	7,000.00	15.0250		105,175.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	7	1,000	7,000.00	15.0599		105,419.30
\$ / R 14/12/2018	Foreign Exchange Future	Sell	8	1,000	8,000.00	15.0525		120,420.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0700		150,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0100		150,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0275		150,275.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0483		150,483.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0275		150,275.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0687		150,687.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0575		150,575.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0300		150,300.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0250		150,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.9879		149,879.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.9786		149,786.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0816		150,816.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0348		150,348.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0358		150,358.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0348		150,348.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0358		150,358.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	15.0055		150,055.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0575		150,575.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	10	1,000	10,000.00	14.9850		149,850.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0600		150,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0550		150,550.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0055		150,055.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	10	1,000	10,000.00	15.0250		150,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	13	1,000	13,000.00	15.0250		195,325.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	14	1,000	14,000.00	15.0357		210,499.80
\$ / R 14/12/2018	Foreign Exchange Future	Sell	14	1,000	14,000.00	14.9890		209,846.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.0850		226,275.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	15	1,000	15,000.00	15.0606		225,909.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	15	1,000	15,000.00	15.0305		225,457.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0615		301,230.00

\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0675	301,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	15.0675	301,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0561	301,122.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0594	301,188.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	14.9915	299,830.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	15.0594	301,188.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	20	1,000	20,000.00	15.0422	300,844.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0733	301,466.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	20	1,000	20,000.00	15.0422	300,844.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	14.9890	374,725.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.0000	375,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	25	1,000	25,000.00	15.0000	375,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	25	1,000	25,000.00	15.0500	376,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	26	1,000	26,000.00	15.0496	391,289.60
\$ / R 14/12/2018	Foreign Exchange Future	Buy	28	1,000	28,000.00	15.0308	420,862.40
\$ / R 14/12/2018	Foreign Exchange Future	Sell	28	1,000	28,000.00	15.0194	420,543.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	28	1,000	28,000.00	15.0250	420,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	28	1,000	28,000.00	15.0194	420,543.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	28	1,000	28,000.00	15.0679	421,901.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	30	1,000	30,000.00	15.0289	450,867.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	30	1,000	30,000.00	15.0266	450,798.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	30	1,000	30,000.00	15.0303	450,909.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	30	1,000	30,000.00	15.0530	451,590.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	31	1,000	31,000.00	15.0303	465,939.30
\$ / R 14/12/2018	Foreign Exchange Future	Sell	31	1,000	31,000.00	15.0303	465,939.30
\$ / R 14/12/2018	Foreign Exchange Future	Buy	39	1,000	39,000.00	14.9890	584,571.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	40	1,000	40,000.00	15.0250	601,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	40	1,000	40,000.00	15.0250	601,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	41	1,000	41,000.00	15.0182	615,746.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	47	1,000	47,000.00	15.0250	706,175.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.0968	754,840.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	15.0818	754,090.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	15.0968	754,840.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	15.0132	750,660.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	14.9839	749,195.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	14.9917	749,585.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.0300	751,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.0300	751,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	14.9917	749,585.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	14.9839	749,195.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.1144	755,720.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.0818	754,090.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	50	1,000	50,000.00	15.0790	753,950.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	15.0132	750,660.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	50	1,000	50,000.00	14.9850	749,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	55	1,000	55,000.00	15.0287	826,578.50

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future	Buy	55	1,000	55,000.00	15.0503		827,766.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	58	1,000	58,000.00	15.0250		871,450.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	81	1,000	81,000.00	15.0250		1,217,025.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	88	1,000	88,000.00	15.0250		1,322,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	90	1,000	90,000.00	14.9818		1,348,362.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0475		1,504,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0281		1,502,810.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	14.9994		1,499,940.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0911		1,509,110.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	14.9914		1,499,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0300		1,503,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.1025		1,510,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.1025		1,510,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0910		1,509,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0910		1,509,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0346		1,503,460.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0810		1,508,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0475		1,504,750.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0911		1,509,110.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0730		1,507,300.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0676		1,506,760.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0249		1,502,490.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0509		1,505,090.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0691		1,506,910.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0730		1,507,300.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0025		1,500,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	14.9914		1,499,140.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	100	1,000	100,000.00	15.0450		1,504,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	100	1,000	100,000.00	15.0450		1,504,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	116	1,000	116,000.00	15.0212		1,742,459.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	116	1,000	116,000.00	15.0212		1,742,459.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	116	1,000	116,000.00	15.0192		1,742,227.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	120	1,000	120,000.00	14.9915		1,798,980.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	124	1,000	124,000.00	14.9068		1,848,443.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	124	1,000	124,000.00	14.9068		1,848,443.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	124	1,000	124,000.00	14.9068		1,848,443.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	124	1,000	124,000.00	14.9068		1,848,443.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	131	1,000	131,000.00	15.0410		1,970,371.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	131	1,000	131,000.00	15.0410		1,970,371.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	150	1,000	150,000.00	15.1196		2,267,940.00

\$ / R 14/12/2018	Foreign Exchange Future	Buy	150	1,000	150,000.00	15.1196	2,267,940.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	150	1,000	150,000.00	15.0011	2,250,165.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	150	1,000	150,000.00	15.0163	2,252,445.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	165	1,000	165,000.00	14.9828	2,472,162.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	169	1,000	169,000.00	15.0410	2,541,929.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	169	1,000	169,000.00	15.0410	2,541,929.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	184	1,000	184,000.00	15.0250	2,764,600.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	185	1,000	185,000.00	14.8587	2,748,859.50
\$ / R 14/12/2018	Foreign Exchange Future	Buy	185	1,000	185,000.00	14.8587	2,748,859.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	185	1,000	185,000.00	14.8587	2,748,859.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	185	1,000	185,000.00	14.8587	2,748,859.50
\$ / R 14/12/2018	Foreign Exchange Future	Sell	194	1,000	194,000.00	15.0410	2,917,954.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	194	1,000	194,000.00	15.0410	2,917,954.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	200	1,000	200,000.00	14.9994	2,999,880.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	200	1,000	200,000.00	15.0281	3,005,620.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	200	1,000	200,000.00	15.0827	3,016,540.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	200	1,000	200,000.00	15.0401	3,008,020.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	200	1,000	200,000.00	15.0389	3,007,780.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	220	1,000	220,000.00	14.9875	3,297,250.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	220	1,000	220,000.00	15.0495	3,310,890.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	224	1,000	224,000.00	15.0303	3,366,787.20
\$ / R 14/12/2018	Foreign Exchange Future	Sell	250	1,000	250,000.00	14.9661	3,741,525.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	250	1,000	250,000.00	14.9661	3,741,525.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	250	1,000	250,000.00	14.9403	3,735,075.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	250	1,000	250,000.00	15.0736	3,768,400.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	250	1,000	250,000.00	14.7500	3,687,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	250	1,000	250,000.00	14.9500	3,737,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	250	1,000	250,000.00	14.9792	3,744,800.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	250	1,000	250,000.00	14.9792	3,744,800.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	250	1,000	250,000.00	14.9500	3,737,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	250	1,000	250,000.00	14.7500	3,687,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	254	1,000	254,000.00	15.0303	3,817,696.20
\$ / R 14/12/2018	Foreign Exchange Future	Buy	280	1,000	280,000.00	15.0022	4,200,616.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	280	1,000	280,000.00	15.0304	4,208,512.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	290	1,000	290,000.00	15.0558	4,366,182.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	14.9685	4,490,550.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	14.9685	4,490,550.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0729	4,521,870.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0016	4,500,480.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0670	4,520,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	300	1,000	300,000.00	15.0729	4,521,870.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	300	1,000	300,000.00	15.0016	4,500,480.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	308	1,000	308,000.00	15.0410	4,632,628.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	308	1,000	308,000.00	15.0410	4,632,628.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	324	1,000	324,000.00	15.0740	4,883,976.00

Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount
\$ / R 14/12/2018	Foreign Exchange Future	Sell	328	1,000	328,000.00	15.0410		4,933,448.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	328	1,000	328,000.00	15.0410		4,933,448.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	381	1,000	381,000.00	15.0410		5,730,621.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	381	1,000	381,000.00	15.0410		5,730,621.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	396	1,000	396,000.00	15.0535		5,961,186.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	400	1,000	400,000.00	15.0800		6,032,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	400	1,000	400,000.00	14.9800		5,992,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	400	1,000	400,000.00	15.0800		6,032,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	400	1,000	400,000.00	14.9839		5,993,560.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	400	1,000	400,000.00	15.0761		6,030,440.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	400	1,000	400,000.00	14.9796		5,991,840.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	400	1,000	400,000.00	15.1012		6,040,480.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	400	1,000	400,000.00	15.1012		6,040,480.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	400	1,000	400,000.00	14.9796		5,991,840.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	400	1,000	400,000.00	14.9800		5,992,000.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	440	1,000	440,000.00	15.0537		6,623,628.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	440	1,000	440,000.00	14.9210		6,565,240.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	440	1,000	440,000.00	14.8756		6,545,264.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	460	1,000	460,000.00	14.9855		6,893,330.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	490	1,000	490,000.00	15.0300		7,364,700.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	15.0562		7,528,100.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0418		7,520,900.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	15.0297		7,514,850.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0250		7,512,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0297		7,514,850.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0764		7,538,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	15.0418		7,520,900.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0541		7,527,050.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0704		7,535,200.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	14.9510		7,475,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	500	1,000	500,000.00	15.0896		7,544,800.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	500	1,000	500,000.00	14.9990		7,499,500.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	566	1,000	566,000.00	15.0390		8,512,074.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	600	1,000	600,000.00	15.0596		9,035,760.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	626	1,000	626,000.00	15.0740		9,436,324.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	700	1,000	700,000.00	15.0105		10,507,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	700	1,000	700,000.00	14.9805		10,486,350.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	700	1,000	700,000.00	14.9839		10,488,730.00
\$ / R 14/12/2018	Foreign Exchange Future	Sell	700	1,000	700,000.00	15.0761		10,553,270.00
\$ / R 14/12/2018	Foreign Exchange Future	Buy	700	1,000	700,000.00	15.0105		10,507,350.00

\$ / R 14/12/2018	Foreign Exchange Future		Sell	727	1,000	727,000.00	15.0558	10,945,566.60
\$ / R 14/12/2018	Foreign Exchange Future		Sell	750	1,000	750,000.00	15.0398	11,279,850.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	900	1,000	900,000.00	15.0761	13,568,490.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	900	1,000	900,000.00	14.9839	13,485,510.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	950	1,000	950,000.00	15.0740	14,320,300.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,000	1,000	1,000,000.00	15.0796	15,079,600.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,000	1,000	1,000,000.00	15.0846	15,084,600.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	1,017	1,000	1,017,000.00	15.0558	15,311,748.60
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,340	1,000	1,340,000.00	14.9821	20,076,014.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	1,350	1,000	1,350,000.00	15.0524	20,320,740.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,000	1,000	2,000,000.00	14.9927	29,985,400.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,000	1,000	2,000,000.00	14.9805	29,961,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,000	1,000	2,000,000.00	15.0795	30,159,000.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	2,000	1,000	2,000,000.00	15.0761	30,152,200.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,000	1,000	2,000,000.00	14.9839	29,967,800.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,000	1,000	2,000,000.00	14.9827	29,965,400.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,250	1,000	2,250,000.00	15.0419	33,844,275.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,280	1,000	2,280,000.00	14.9731	34,138,668.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	2,750	1,000	2,750,000.00	14.9661	41,156,775.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	3,250	1,000	3,250,000.00	14.9661	48,639,825.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	3,491	1,000	3,491,000.00	15.0410	52,508,131.00
\$ / R 14/12/2018	Foreign Exchange Future		Buy	3,491	1,000	3,491,000.00	15.0410	52,508,131.00
\$ / R 14/12/2018	Foreign Exchange Future		Sell	7,250	1,000	7,250,000.00	15.0990	109,467,750.00
\$ / R 14/12/2018	Foreign Exchange Future	C	16.00 Sell	10,000	1,000	10,000,000.00	238.6200	2,386,200,000.00
\$ / R 14/12/2018	Foreign Exchange Future	C	16.00 Buy	10,000	1,000	10,000,000.00	243.6200	2,436,200,000.00
\$ / R 14/12/2018	Foreign Exchange Future	P	15.00 Sell	10,000	1,000	10,000,000.00	466.3200	4,663,200,000.00
\$ / R 14/12/2018	Foreign Exchange Future	P	15.00 Buy	10,000	1,000	10,000,000.00	471.3200	4,713,200,000.00
<b>Total Futures</b>				<b>82,941</b>		<b>82,941,000.00</b>		<b>1,246,287,308.70</b>
<b>Total Options</b>				<b>40,000</b>		<b>40,000,000</b>		<b>14,198,800,000.00</b>
<b>Total \$ / R Foreign Exchange Future</b>				<b>122,941</b>		<b>122,941,000.00</b>		<b>15,445,087,308.70</b>

#### Dec 2018 € / R

€ / R 14/12/2018	Foreign Exchange Future		Buy	10	1,000	10,000.00	17.3884	173,884.00
€ / R 14/12/2018	Foreign Exchange Future		Sell	10	1,000	10,000.00	17.3884	173,884.00
€ / R 14/12/2018	Foreign Exchange Future		Buy	25	1,000	25,000.00	17.4304	435,760.00
€ / R 14/12/2018	Foreign Exchange Future		Sell	25	1,000	25,000.00	17.4304	435,760.00
€ / R 14/12/2018	Foreign Exchange Future		Sell	30	1,000	30,000.00	17.4501	523,503.00
€ / R 14/12/2018	Foreign Exchange Future		Buy	30	1,000	30,000.00	17.4501	523,503.00



Contract	Call/ Put	Strike Buy/ Sell	Number of Contracts	Contract Size	Foreign Value	Price	Spot Rate	ZAR Converted Amount	
<b>Total Futures</b>			<b>130</b>		<b>130,000.00</b>			<b>2,266,294.00</b>	
<b>Total Options</b>									
<b>Total € / R Foreign Exchange Future</b>			<b>130</b>		<b>130,000.00</b>			<b>2,266,294.00</b>	
<b>Dec 2018 QUANTO £ / \$</b>									
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Buy	1	10,000	10,000.00	1.3110	13,110.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Sell	1	10,000	10,000.00	1.3110	13,110.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Buy	99	10,000	990,000.00	1.3110	1,297,890.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Sell	99	10,000	990,000.00	1.3110	1,297,890.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Buy	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Buy	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Buy	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Buy	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Sell	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Sell	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Sell	100	10,000	1,000,000.00	1.3110	1,311,000.00
QUANTO £ / \$ 14/12/2018		Foreign Exchange Future		Sell	100	10,000	1,000,000.00	1.3110	1,311,000.00
<b>Total Futures</b>			<b>1,000</b>		<b>10,000,000.00</b>			<b>13,110,000.00</b>	
<b>Total Options</b>									
<b>Total QUANTO £ / \$ Foreign Exchange Future</b>			<b>1,000</b>		<b>10,000,000.00</b>			<b>13,110,000.00</b>	
<b>Mar 2019 \$ / R</b>									
\$ / R 18/03/2019		Foreign Exchange Future		Sell	5	1,000	5,000.00	15.2300	76,150.00
\$ / R 18/03/2019		Foreign Exchange Future		Buy	5	1,000	5,000.00	15.2300	76,150.00
\$ / R 18/03/2019		Foreign Exchange Future		Buy	30	1,000	30,000.00	15.2700	458,100.00
\$ / R 18/03/2019		Foreign Exchange Future		Sell	30	1,000	30,000.00	15.2700	458,100.00
\$ / R 18/03/2019		Foreign Exchange Future		Buy	160	1,000	160,000.00	15.2100	2,433,600.00
\$ / R 18/03/2019		Foreign Exchange Future		Buy	300	1,000	300,000.00	15.2100	4,563,000.00
\$ / R 18/03/2019		Foreign Exchange Future		Buy	460	1,000	460,000.00	15.2000	6,992,000.00
\$ / R 18/03/2019		Foreign Exchange Future		Sell	460	1,000	460,000.00	15.2000	6,992,000.00
\$ / R 18/03/2019	P	Foreign Exchange Future		15.10 Buy	1,000	1,000	1,000,000.00	733.2000	733,200,000.00
\$ / R 18/03/2019	P	Foreign Exchange Future		15.10 Sell	1,000	1,000	1,000,000.00	733.2000	733,200,000.00

<b>Total Futures</b>		<b>1,450</b>		<b>1,450,000.00</b>		<b>22,049,100.00</b>
<b>Total Options</b>		<b>2,000</b>		<b>2,000,000</b>		<b>1,466,400,000.00</b>
<b>Total \$ / R Foreign Exchange Future</b>		<b>3,450</b>		<b>3,450,000.00</b>		<b>1,488,449,100.00</b>
<hr/>						
<b>Jun 2019 \$ / R</b>						
\$ / R 14/06/2019 Foreign Exchange Future	Buy	4	1,000	4,000.00	15.3449	61,379.60
\$ / R 14/06/2019 Foreign Exchange Future	Buy	10	1,000	10,000.00	15.4211	154,211.00
\$ / R 14/06/2019 Foreign Exchange Future	Sell	14	1,000	14,000.00	15.3993	215,590.20
<b>Total Futures</b>		<b>28</b>		<b>28,000.00</b>		<b>431,180.80</b>
<b>Total Options</b>						
<b>Total \$ / R Foreign Exchange Future</b>		<b>28</b>		<b>28,000.00</b>		<b>431,180.80</b>
<hr/>						
<b>Sep 2019 \$ / R</b>						
\$ / R 16/09/2019 Foreign Exchange Future	Sell	100	1,000	100,000.00	15.5497	1,554,970.00
\$ / R 16/09/2019 Foreign Exchange Future	Buy	100	1,000	100,000.00	15.5497	1,554,970.00
<b>Total Futures</b>		<b>200</b>		<b>200,000.00</b>		<b>3,109,940.00</b>
<b>Total Options</b>						
<b>Total \$ / R Foreign Exchange Future</b>		<b>200</b>		<b>200,000.00</b>		<b>3,109,940.00</b>
<hr/>						
<b>Total Futures</b>		<b>85,749</b>		<b>94,749,000.00</b>		<b>1 287 253 823.50</b>
<b>Total Options</b>		<b>42,000</b>		<b>42,000,000.00</b>		<b>15 665 200 000.00</b>
<b>Grand Total for Currency Future Detailed Turnover</b>		<b>127,749</b>		<b>136,749,000.00</b>		<b>16 952 453 823.50</b>