



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

INTEREST RATE AND CURRENCY DERIVATIVES

DERIVATIVES DAILY DETAILED TURNOVER REPORT

FROM DATE : 31/01/2019

TO DATE : 31/01/2019

Contract	Strike	C/P	Buy/Sell	No. of Contracts
----------	--------	-----	----------	------------------

All Bond Index

ALBI On 07/02/2019	Index Future		Buy	76	0.00
ALBI On 07/02/2019	Index Future		Sell	76	0.00
ALBI On 07/02/2019	Index Future		Buy	76	0.00
ALBI On 07/02/2019	Index Future		Sell	76	0.00
ALBI On 02/05/2019	Index Future		Sell	76	0.00
ALBI On 02/05/2019	Index Future		Buy	76	0.00
ALBI On 02/05/2019	Index Future		Sell	76	0.00
ALBI On 02/05/2019	Index Future		Buy	76	0.00

Govi Total Return Index

GOVI On 07/02/2019	GOVI		Buy	1	0.00
GOVI On 07/02/2019	GOVI		Sell	1	0.00
GOVI On 07/02/2019	GOVI		Buy	2	0.00
GOVI On 07/02/2019	GOVI		Sell	2	0.00

R186 Bond Future

R186 On 02/05/2019	Bond Future	Buy	2	0.00
R186 On 02/05/2019	Bond Future	Sell	2	0.00
R186 On 02/05/2019	Bond Future	Buy	2	0.00
R186 On 02/05/2019	Bond Future	Sell	2	0.00
R186 On 02/05/2019	Bond Future	Buy	2	0.00
R186 On 02/05/2019	Bond Future	Sell	2	0.00
R186 On 02/05/2019	Bond Future	Buy	4	0.00
R186 On 02/05/2019	Bond Future	Sell	4	0.00
R186 On 02/05/2019	Bond Future	Buy	5	0.00
R186 On 02/05/2019	Bond Future	Sell	5	0.00
R186 On 02/05/2019	Bond Future	Buy	5	0.00
R186 On 02/05/2019	Bond Future	Sell	5	0.00
R186 On 02/05/2019	Bond Future	Buy	5	0.00
R186 On 02/05/2019	Bond Future	Sell	5	0.00
R186 On 02/05/2019	Bond Future	Buy	5	0.00
R186 On 02/05/2019	Bond Future	Sell	5	0.00
R186 On 02/05/2019	Bond Future	Buy	6	0.00
R186 On 02/05/2019	Bond Future	Sell	6	0.00
R186 On 02/05/2019	Bond Future	Buy	6	0.00
R186 On 02/05/2019	Bond Future	Sell	6	0.00
R186 On 02/05/2019	Bond Future	Buy	7	0.00
R186 On 02/05/2019	Bond Future	Sell	7	0.00
R186 On 02/05/2019	Bond Future	Buy	7	0.00
R186 On 02/05/2019	Bond Future	Sell	7	0.00
R186 On 02/05/2019	Bond Future	Buy	7	0.00
R186 On 02/05/2019	Bond Future	Sell	7	0.00
R186 On 02/05/2019	Bond Future	Buy	8	0.00
R186 On 02/05/2019	Bond Future	Sell	8	0.00
R186 On 02/05/2019	Bond Future	Buy	8	0.00
R186 On 02/05/2019	Bond Future	Sell	8	0.00
R186 On 02/05/2019	Bond Future	Buy	9	0.00
R186 On 02/05/2019	Bond Future	Sell	9	0.00
R186 On 02/05/2019	Bond Future	Buy	10	0.00
R186 On 02/05/2019	Bond Future	Sell	10	0.00
R186 On 02/05/2019	Bond Future	Buy	10	0.00
R186 On 02/05/2019	Bond Future	Sell	10	0.00
R186 On 02/05/2019	Bond Future	Buy	10	0.00
R186 On 02/05/2019	Bond Future	Sell	10	0.00
R186 On 02/05/2019	Bond Future	Buy	11	0.00
R186 On 02/05/2019	Bond Future	Sell	11	0.00
R186 On 02/05/2019	Bond Future	Buy	11	0.00
R186 On 02/05/2019	Bond Future	Sell	11	0.00
R186 On 02/05/2019	Bond Future	Buy	12	0.00
R186 On 02/05/2019	Bond Future	Sell	12	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R186 On 02/05/2019	Bond Future		Buy	12	0.00
R186 On 02/05/2019	Bond Future		Sell	12	0.00
R186 On 02/05/2019	Bond Future		Buy	14	0.00
R186 On 02/05/2019	Bond Future		Sell	14	0.00
R186 On 02/05/2019	Bond Future		Buy	15	0.00
R186 On 02/05/2019	Bond Future		Sell	15	0.00
R186 On 02/05/2019	Bond Future		Buy	16	0.00
R186 On 02/05/2019	Bond Future		Sell	16	0.00
R186 On 02/05/2019	Bond Future		Buy	17	0.00
R186 On 02/05/2019	Bond Future		Sell	17	0.00
R186 On 02/05/2019	Bond Future		Buy	18	0.00
R186 On 02/05/2019	Bond Future		Sell	18	0.00
R186 On 02/05/2019	Bond Future		Buy	18	0.00
R186 On 02/05/2019	Bond Future		Sell	18	0.00
R186 On 02/05/2019	Bond Future		Buy	19	0.00
R186 On 02/05/2019	Bond Future		Sell	19	0.00
R186 On 02/05/2019	Bond Future		Buy	19	0.00
R186 On 02/05/2019	Bond Future		Sell	19	0.00
R186 On 02/05/2019	Bond Future		Buy	19	0.00
R186 On 02/05/2019	Bond Future		Sell	19	0.00
R186 On 02/05/2019	Bond Future		Buy	23	0.00
R186 On 02/05/2019	Bond Future		Sell	23	0.00
R186 On 02/05/2019	Bond Future		Buy	24	0.00
R186 On 02/05/2019	Bond Future		Sell	24	0.00
R186 On 02/05/2019	Bond Future		Buy	26	0.00
R186 On 02/05/2019	Bond Future		Sell	26	0.00
R186 On 02/05/2019	Bond Future		Buy	27	0.00
R186 On 02/05/2019	Bond Future		Sell	27	0.00
R186 On 02/05/2019	Bond Future		Buy	28	0.00
R186 On 02/05/2019	Bond Future		Sell	28	0.00
R186 On 07/02/2019	Bond Future		Sell	31	0.00
R186 On 07/02/2019	Bond Future		Buy	31	0.00
R186 On 02/05/2019	Bond Future		Buy	33	0.00
R186 On 02/05/2019	Bond Future		Sell	33	0.00
R186 On 02/05/2019	Bond Future		Buy	34	0.00
R186 On 02/05/2019	Bond Future		Sell	34	0.00
R186 On 02/05/2019	Bond Future		Buy	35	0.00
R186 On 02/05/2019	Bond Future		Sell	35	0.00
R186 On 02/05/2019	Bond Future		Buy	38	0.00
R186 On 02/05/2019	Bond Future		Sell	38	0.00
R186 On 02/05/2019	Bond Future		Buy	38	0.00
R186 On 02/05/2019	Bond Future		Sell	38	0.00

R186 On 02/05/2019	Bond Future	Buy	39	0.00
R186 On 02/05/2019	Bond Future	Sell	39	0.00
R186 On 02/05/2019	Bond Future	Buy	40	0.00
R186 On 02/05/2019	Bond Future	Sell	40	0.00
R186 On 02/05/2019	Bond Future	Buy	44	0.00
R186 On 02/05/2019	Bond Future	Sell	44	0.00
R186 On 02/05/2019	Bond Future	Buy	59	0.00
R186 On 02/05/2019	Bond Future	Sell	59	0.00
R186 On 07/02/2019	Bond Future	Sell	67	0.00
R186 On 07/02/2019	Bond Future	Buy	67	0.00
R186 On 02/05/2019	Bond Future	Buy	72	0.00
R186 On 02/05/2019	Bond Future	Sell	72	0.00
R186 On 02/05/2019	Bond Future	Buy	73	0.00
R186 On 02/05/2019	Bond Future	Sell	73	0.00
R186 On 02/05/2019	Bond Future	Buy	81	0.00
R186 On 02/05/2019	Bond Future	Sell	81	0.00
R186 On 02/05/2019	Bond Future	Buy	83	0.00
R186 On 02/05/2019	Bond Future	Sell	83	0.00
R186 On 02/05/2019	Bond Future	Buy	85	0.00
R186 On 02/05/2019	Bond Future	Sell	85	0.00
R186 On 02/05/2019	Bond Future	Buy	87	0.00
R186 On 02/05/2019	Bond Future	Sell	87	0.00
R186 On 07/02/2019	Bond Future	Sell	89	0.00
R186 On 07/02/2019	Bond Future	Buy	89	0.00
R186 On 07/02/2019	Bond Future	Buy	91	0.00
R186 On 07/02/2019	Bond Future	Sell	91	0.00
R186 On 02/05/2019	Bond Future	Buy	101	0.00
R186 On 02/05/2019	Bond Future	Sell	101	0.00
R186 On 02/05/2019	Bond Future	Buy	132	0.00
R186 On 02/05/2019	Bond Future	Sell	132	0.00
R186 On 07/02/2019	Bond Future	Buy	144	0.00
R186 On 07/02/2019	Bond Future	Sell	144	0.00
R186 On 02/05/2019	Bond Future	Buy	146	0.00
R186 On 02/05/2019	Bond Future	Sell	146	0.00
R186 On 02/05/2019	Bond Future	Buy	189	0.00
R186 On 02/05/2019	Bond Future	Sell	189	0.00
R186 On 02/05/2019	Bond Future	Buy	189	0.00
R186 On 02/05/2019	Bond Future	Sell	189	0.00
R186 On 02/05/2019	Bond Future	Buy	197	0.00
R186 On 02/05/2019	Bond Future	Sell	197	0.00
R186 On 07/02/2019	Bond Future	Buy	215	0.00
R186 On 07/02/2019	Bond Future	Sell	215	0.00
R186 On 02/05/2019	Bond Future	Buy	240	0.00
R186 On 02/05/2019	Bond Future	Sell	240	0.00
R186 On 02/05/2019	Bond Future	Buy	275	0.00
R186 On 02/05/2019	Bond Future	Sell	275	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R186 On 07/02/2019			Sell	466	0.00
R186 On 07/02/2019			Buy	466	0.00
R186 On 02/05/2019			Buy	470	0.00
R186 On 02/05/2019			Sell	470	0.00
R186 On 02/05/2019			Buy	623	0.00
R186 On 02/05/2019			Sell	623	0.00
R186 On 07/02/2019			Buy	1,000	0.00
R186 On 07/02/2019			Sell	1,000	0.00
R186 On 02/05/2019			Sell	1,000	0.00
R186 On 02/05/2019			Buy	1,000	0.00
R186 On 07/02/2019			Sell	1,118	0.00
R186 On 07/02/2019			Buy	1,118	0.00
R186 On 02/05/2019			Buy	1,490	0.00
R186 On 02/05/2019			Sell	1,490	0.00
R186 On 02/05/2019			Buy	1,630	0.00
R186 On 02/05/2019			Sell	1,630	0.00
R186 On 07/02/2019			Buy	1,771	0.00
R186 On 07/02/2019			Sell	1,771	0.00
R186 On 02/05/2019			Buy	2,210	0.00
R186 On 02/05/2019			Sell	2,210	0.00
R186 On 02/05/2019			Buy	2,680	0.00
R186 On 02/05/2019			Sell	2,680	0.00
R186 On 07/02/2019			Buy	4,550	0.00
R186 On 07/02/2019			Sell	4,550	0.00
R186 On 07/02/2019			Sell	5,000	0.00
R186 On 07/02/2019			Buy	5,000	0.00
R186 On 07/02/2019			Sell	5,000	0.00
R186 On 07/02/2019			Buy	5,000	0.00
R186 On 02/05/2019			Buy	6,500	0.00
R186 On 02/05/2019			Sell	6,500	0.00

R2023 Bond Future

R023 On 02/05/2019			Sell	23	0.00
R023 On 02/05/2019			Buy	23	0.00
R023 On 02/05/2019			Buy	23	0.00
R023 On 02/05/2019			Sell	23	0.00
R023 On 07/02/2019			Buy	420	0.00
R023 On 07/02/2019			Sell	420	0.00
R023 On 07/02/2019			Sell	420	0.00
R023 On 07/02/2019			Buy	420	0.00
R023 On 02/05/2019			Sell	420	0.00
R023 On 02/05/2019			Buy	420	0.00

R023 On 02/05/2019	Bond Future	Buy	420	0.00
R023 On 02/05/2019	Bond Future	Sell	420	0.00
R023 On 02/05/2019	Bond Future	Sell	1,000	0.00
R023 On 02/05/2019	Bond Future	Buy	1,000	0.00
R023 On 07/02/2019	Bond Future	Buy	4,000	0.00
R023 On 07/02/2019	Bond Future	Sell	4,000	0.00

R2030 Bond Future

2030 On 02/05/2019	Bond Future	Buy	510	0.00
2030 On 02/05/2019	Bond Future	Sell	510	0.00
2030 On 02/05/2019	Bond Future	Buy	2,390	0.00
2030 On 02/05/2019	Bond Future	Sell	2,390	0.00
2030 On 02/05/2019	Bond Future	Buy	2,900	0.00
2030 On 02/05/2019	Bond Future	Sell	2,900	0.00

R2032 Bond Future

2032 On 02/05/2019	Bond Future	Buy	370	0.00
2032 On 02/05/2019	Bond Future	Sell	370	0.00
2032 On 02/05/2019	Bond Future	Buy	1,780	0.00
2032 On 02/05/2019	Bond Future	Sell	1,780	0.00
2032 On 02/05/2019	Bond Future	Sell	2,150	0.00
2032 On 02/05/2019	Bond Future	Buy	2,150	0.00

R2035 Bond Future

R035 On 02/05/2019	Bond Future	Sell	56	0.00
R035 On 02/05/2019	Bond Future	Buy	56	0.00
R035 On 02/05/2019	Bond Future	Buy	56	0.00
R035 On 02/05/2019	Bond Future	Sell	56	0.00
R035 On 02/05/2019	Bond Future	Buy	270	0.00
R035 On 02/05/2019	Bond Future	Sell	270	0.00
R035 On 02/05/2019	Bond Future	Buy	1,290	0.00
R035 On 02/05/2019	Bond Future	Sell	1,290	0.00
R035 On 02/05/2019	Bond Future	Sell	1,560	0.00
R035 On 02/05/2019	Bond Future	Buy	1,560	0.00

R2037 Bond Future

2037 On 07/02/2019	Bond Future	Buy	1	0.00
2037 On 07/02/2019	Bond Future	Sell	1	0.00
2037 On 07/02/2019	Bond Future	Buy	10	0.00
2037 On 07/02/2019	Bond Future	Sell	10	0.00
2037 On 07/02/2019	Bond Future	Buy	35	0.00
2037 On 07/02/2019	Bond Future	Sell	35	0.00
2037 On 07/02/2019	Bond Future	Buy	41	0.00
2037 On 07/02/2019	Bond Future	Sell	41	0.00
2037 On 02/05/2019	Bond Future	Sell	41	0.00
2037 On 02/05/2019	Bond Future	Buy	41	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2037 On 07/02/2019			Sell	46	0.00
2037 On 07/02/2019			Buy	46	0.00
2037 On 02/05/2019			Buy	82	0.00
2037 On 02/05/2019			Sell	82	0.00
2037 On 07/02/2019			Buy	123	0.00
2037 On 07/02/2019			Sell	123	0.00
2037 On 02/05/2019			Sell	123	0.00
2037 On 02/05/2019			Buy	123	0.00
2037 On 02/05/2019			Buy	215	0.00
2037 On 02/05/2019			Sell	215	0.00
2037 On 02/05/2019			Buy	236	0.00
2037 On 02/05/2019			Sell	236	0.00
2037 On 07/02/2019			Sell	310	0.00
2037 On 07/02/2019			Buy	310	0.00
2037 On 02/05/2019			Sell	310	0.00
2037 On 02/05/2019			Buy	310	0.00
2037 On 07/02/2019			Buy	334	0.00
2037 On 07/02/2019			Sell	334	0.00
2037 On 02/05/2019			Sell	334	0.00
2037 On 02/05/2019			Buy	334	0.00
2037 On 02/05/2019			Buy	418	0.00
2037 On 02/05/2019			Sell	418	0.00
2037 On 07/02/2019			Buy	449	0.00
2037 On 07/02/2019			Sell	449	0.00
2037 On 02/05/2019			Sell	449	0.00
2037 On 02/05/2019			Buy	449	0.00
2037 On 02/05/2019			Buy	844	0.00
2037 On 02/05/2019			Sell	844	0.00
2037 On 07/02/2019			Buy	930	0.00
2037 On 07/02/2019			Sell	930	0.00
2037 On 02/05/2019			Sell	930	0.00
2037 On 02/05/2019			Buy	930	0.00
2037 On 07/02/2019			Buy	1,001	0.00
2037 On 07/02/2019			Sell	1,001	0.00
2037 On 02/05/2019			Sell	1,001	0.00
2037 On 02/05/2019			Buy	1,001	0.00
2037 On 07/02/2019			Buy	1,134	0.00
2037 On 07/02/2019			Sell	1,134	0.00
2037 On 02/05/2019			Sell	1,134	0.00
2037 On 02/05/2019			Buy	1,134	0.00
2037 On 07/02/2019			Buy	1,350	0.00
2037 On 07/02/2019			Sell	1,350	0.00

2037 On 02/05/2019	Bond Future	Sell	1,350	0.00
2037 On 02/05/2019	Bond Future	Buy	1,350	0.00
2037 On 02/05/2019	Bond Future	Buy	1,573	0.00
2037 On 02/05/2019	Bond Future	Sell	1,573	0.00
2037 On 02/05/2019	Bond Future	Buy	3,368	0.00
2037 On 02/05/2019	Bond Future	Sell	3,368	0.00
2037 On 07/02/2019	Bond Future	Buy	3,404	0.00
2037 On 07/02/2019	Bond Future	Sell	3,404	0.00
2037 On 02/05/2019	Bond Future	Sell	3,404	0.00
2037 On 02/05/2019	Bond Future	Buy	3,404	0.00

R2040 Bond Future

2040 On 07/02/2019	Bond Future	Buy	1	0.00
2040 On 07/02/2019	Bond Future	Sell	1	0.00
2040 On 07/02/2019	Bond Future	Buy	1	0.00
2040 On 07/02/2019	Bond Future	Sell	1	0.00
2040 On 07/02/2019	Bond Future	Buy	5	0.00
2040 On 07/02/2019	Bond Future	Sell	5	0.00
2040 On 02/05/2019	Bond Future	Sell	5	0.00
2040 On 02/05/2019	Bond Future	Buy	5	0.00
2040 On 07/02/2019	Bond Future	Buy	14	0.00
2040 On 07/02/2019	Bond Future	Sell	14	0.00
2040 On 02/05/2019	Bond Future	Sell	14	0.00
2040 On 02/05/2019	Bond Future	Buy	14	0.00
2040 On 07/02/2019	Bond Future	Buy	21	0.00
2040 On 07/02/2019	Bond Future	Sell	21	0.00
2040 On 07/02/2019	Bond Future	Buy	21	0.00
2040 On 07/02/2019	Bond Future	Sell	21	0.00
2040 On 07/02/2019	Bond Future	Buy	99	0.00
2040 On 07/02/2019	Bond Future	Sell	99	0.00
2040 On 07/02/2019	Bond Future	Buy	99	0.00
2040 On 07/02/2019	Bond Future	Sell	99	0.00
2040 On 07/02/2019	Bond Future	Sell	122	0.00
2040 On 07/02/2019	Bond Future	Buy	122	0.00
2040 On 07/02/2019	Bond Future	Buy	142	0.00
2040 On 07/02/2019	Bond Future	Sell	142	0.00
2040 On 02/05/2019	Bond Future	Sell	142	0.00
2040 On 02/05/2019	Bond Future	Buy	142	0.00
2040 On 02/05/2019	Bond Future	Buy	190	0.00
2040 On 02/05/2019	Bond Future	Sell	190	0.00
2040 On 07/02/2019	Bond Future	Buy	265	0.00
2040 On 07/02/2019	Bond Future	Sell	265	0.00
2040 On 02/05/2019	Bond Future	Buy	265	0.00
2040 On 02/05/2019	Bond Future	Sell	265	0.00
2040 On 07/02/2019	Bond Future	Buy	267	0.00
2040 On 07/02/2019	Bond Future	Sell	267	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2040 On 02/05/2019	Bond Future		Sell	267	0.00
2040 On 02/05/2019	Bond Future		Buy	267	0.00
2040 On 07/02/2019	Bond Future		Buy	425	0.00
2040 On 07/02/2019	Bond Future		Sell	425	0.00
2040 On 02/05/2019	Bond Future		Sell	425	0.00
2040 On 02/05/2019	Bond Future		Buy	425	0.00
2040 On 07/02/2019	Bond Future		Buy	679	0.00
2040 On 07/02/2019	Bond Future		Sell	679	0.00
2040 On 02/05/2019	Bond Future		Sell	679	0.00
2040 On 02/05/2019	Bond Future		Buy	679	0.00
2040 On 07/02/2019	Bond Future		Buy	795	0.00
2040 On 07/02/2019	Bond Future		Sell	795	0.00
2040 On 02/05/2019	Bond Future		Sell	795	0.00
2040 On 02/05/2019	Bond Future		Buy	795	0.00
2040 On 07/02/2019	Bond Future		Buy	802	0.00
2040 On 07/02/2019	Bond Future		Sell	802	0.00
2040 On 02/05/2019	Bond Future		Sell	802	0.00
2040 On 02/05/2019	Bond Future		Buy	802	0.00
2040 On 02/05/2019	Bond Future		Buy	890	0.00
2040 On 02/05/2019	Bond Future		Sell	890	0.00
2040 On 02/05/2019	Bond Future		Buy	1,080	0.00
2040 On 02/05/2019	Bond Future		Sell	1,080	0.00
2040 On 07/02/2019	Bond Future		Buy	2,036	0.00
2040 On 07/02/2019	Bond Future		Sell	2,036	0.00
2040 On 02/05/2019	Bond Future		Sell	2,036	0.00
2040 On 02/05/2019	Bond Future		Buy	2,036	0.00

R2044 Bond Future

2044 On 07/02/2019	Bond Future		Buy	3	0.00
2044 On 07/02/2019	Bond Future		Sell	3	0.00
2044 On 02/05/2019	Bond Future		Sell	3	0.00
2044 On 02/05/2019	Bond Future		Buy	3	0.00
2044 On 07/02/2019	Bond Future		Buy	4	0.00
2044 On 07/02/2019	Bond Future		Sell	4	0.00
2044 On 07/02/2019	Bond Future		Buy	4	0.00
2044 On 07/02/2019	Bond Future		Sell	4	0.00
2044 On 02/05/2019	Bond Future		Sell	4	0.00
2044 On 02/05/2019	Bond Future		Buy	4	0.00
2044 On 07/02/2019	Bond Future		Buy	6	0.00
2044 On 07/02/2019	Bond Future		Sell	6	0.00
2044 On 02/05/2019	Bond Future		Sell	6	0.00
2044 On 02/05/2019	Bond Future		Buy	6	0.00

2044 On 07/02/2019	Bond Future	Buy	7	0.00
2044 On 07/02/2019	Bond Future	Sell	7	0.00
2044 On 02/05/2019	Bond Future	Sell	7	0.00
2044 On 02/05/2019	Bond Future	Buy	7	0.00
2044 On 07/02/2019	Bond Future	Buy	8	0.00
2044 On 07/02/2019	Bond Future	Sell	8	0.00
2044 On 02/05/2019	Bond Future	Sell	8	0.00
2044 On 02/05/2019	Bond Future	Buy	8	0.00
2044 On 07/02/2019	Bond Future	Buy	11	0.00
2044 On 07/02/2019	Bond Future	Sell	11	0.00
2044 On 02/05/2019	Bond Future	Sell	11	0.00
2044 On 02/05/2019	Bond Future	Buy	11	0.00
2044 On 07/02/2019	Bond Future	Buy	12	0.00
2044 On 07/02/2019	Bond Future	Sell	12	0.00
2044 On 02/05/2019	Bond Future	Sell	12	0.00
2044 On 02/05/2019	Bond Future	Buy	12	0.00
2044 On 07/02/2019	Bond Future	Buy	13	0.00
2044 On 07/02/2019	Bond Future	Sell	13	0.00
2044 On 02/05/2019	Bond Future	Sell	13	0.00
2044 On 02/05/2019	Bond Future	Buy	13	0.00
2044 On 07/02/2019	Bond Future	Buy	17	0.00
2044 On 07/02/2019	Bond Future	Sell	17	0.00
2044 On 02/05/2019	Bond Future	Sell	17	0.00
2044 On 02/05/2019	Bond Future	Buy	17	0.00
2044 On 07/02/2019	Bond Future	Buy	20	0.00
2044 On 07/02/2019	Bond Future	Buy	20	0.00
2044 On 07/02/2019	Bond Future	Sell	20	0.00
2044 On 07/02/2019	Bond Future	Sell	20	0.00
2044 On 02/05/2019	Bond Future	Sell	20	0.00
2044 On 02/05/2019	Bond Future	Buy	20	0.00
2044 On 02/05/2019	Bond Future	Sell	20	0.00
2044 On 02/05/2019	Bond Future	Buy	20	0.00
2044 On 07/02/2019	Bond Future	Buy	24	0.00
2044 On 07/02/2019	Bond Future	Sell	24	0.00
2044 On 07/02/2019	Bond Future	Buy	24	0.00
2044 On 07/02/2019	Bond Future	Sell	24	0.00
2044 On 02/05/2019	Bond Future	Sell	24	0.00
2044 On 02/05/2019	Bond Future	Buy	24	0.00
2044 On 02/05/2019	Bond Future	Sell	24	0.00
2044 On 02/05/2019	Bond Future	Buy	24	0.00
2044 On 07/02/2019	Bond Future	Sell	28	0.00
2044 On 07/02/2019	Bond Future	Buy	28	0.00
2044 On 07/02/2019	Bond Future	Buy	31	0.00
2044 On 07/02/2019	Bond Future	Sell	31	0.00
2044 On 02/05/2019	Bond Future	Sell	31	0.00
2044 On 02/05/2019	Bond Future	Buy	31	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
-----------------	---------------	------------	-----------------	-------------------------	--

2044 On 07/02/2019	Bond Future		Buy	32	0.00
2044 On 07/02/2019	Bond Future		Sell	32	0.00
2044 On 07/02/2019	Bond Future		Buy	34	0.00
2044 On 07/02/2019	Bond Future		Sell	34	0.00
2044 On 02/05/2019	Bond Future		Sell	34	0.00
2044 On 02/05/2019	Bond Future		Buy	34	0.00
2044 On 07/02/2019	Bond Future		Buy	35	0.00
2044 On 07/02/2019	Bond Future		Sell	35	0.00
2044 On 02/05/2019	Bond Future		Sell	35	0.00
2044 On 02/05/2019	Bond Future		Buy	35	0.00
2044 On 07/02/2019	Bond Future		Buy	39	0.00
2044 On 07/02/2019	Bond Future		Sell	39	0.00
2044 On 02/05/2019	Bond Future		Sell	39	0.00
2044 On 02/05/2019	Bond Future		Buy	39	0.00
2044 On 07/02/2019	Bond Future		Buy	52	0.00
2044 On 07/02/2019	Bond Future		Sell	52	0.00
2044 On 02/05/2019	Bond Future		Sell	52	0.00
2044 On 02/05/2019	Bond Future		Buy	52	0.00
2044 On 07/02/2019	Bond Future		Buy	60	0.00
2044 On 07/02/2019	Bond Future		Sell	60	0.00
2044 On 02/05/2019	Bond Future		Sell	60	0.00
2044 On 02/05/2019	Bond Future		Buy	60	0.00
2044 On 07/02/2019	Bond Future		Buy	70	0.00
2044 On 07/02/2019	Bond Future		Sell	70	0.00
2044 On 02/05/2019	Bond Future		Sell	70	0.00
2044 On 02/05/2019	Bond Future		Buy	70	0.00
2044 On 07/02/2019	Bond Future		Buy	84	0.00
2044 On 07/02/2019	Bond Future		Sell	84	0.00
2044 On 02/05/2019	Bond Future		Sell	84	0.00
2044 On 02/05/2019	Bond Future		Buy	84	0.00
2044 On 07/02/2019	Bond Future		Buy	87	0.00
2044 On 07/02/2019	Bond Future		Sell	87	0.00
2044 On 02/05/2019	Bond Future		Sell	87	0.00
2044 On 02/05/2019	Bond Future		Buy	87	0.00
2044 On 07/02/2019	Bond Future		Buy	92	0.00
2044 On 07/02/2019	Bond Future		Sell	92	0.00
2044 On 02/05/2019	Bond Future		Sell	92	0.00
2044 On 02/05/2019	Bond Future		Buy	92	0.00
2044 On 07/02/2019	Bond Future		Buy	103	0.00
2044 On 07/02/2019	Bond Future		Sell	103	0.00
2044 On 02/05/2019	Bond Future		Buy	103	0.00
2044 On 02/05/2019	Bond Future		Sell	103	0.00

2044 On 07/02/2019	Bond Future	Buy	106	0.00
2044 On 07/02/2019	Bond Future	Sell	106	0.00
2044 On 02/05/2019	Bond Future	Sell	106	0.00
2044 On 02/05/2019	Bond Future	Buy	106	0.00
2044 On 07/02/2019	Bond Future	Buy	140	0.00
2044 On 07/02/2019	Bond Future	Sell	140	0.00
2044 On 02/05/2019	Bond Future	Sell	140	0.00
2044 On 02/05/2019	Bond Future	Buy	140	0.00
2044 On 07/02/2019	Bond Future	Buy	250	0.00
2044 On 07/02/2019	Bond Future	Sell	250	0.00
2044 On 02/05/2019	Bond Future	Sell	250	0.00
2044 On 02/05/2019	Bond Future	Buy	250	0.00
2044 On 07/02/2019	Bond Future	Buy	263	0.00
2044 On 07/02/2019	Bond Future	Sell	263	0.00
2044 On 02/05/2019	Bond Future	Sell	263	0.00
2044 On 02/05/2019	Bond Future	Buy	263	0.00
2044 On 07/02/2019	Bond Future	Buy	317	0.00
2044 On 07/02/2019	Bond Future	Sell	317	0.00
2044 On 02/05/2019	Bond Future	Sell	317	0.00
2044 On 02/05/2019	Bond Future	Buy	317	0.00
2044 On 07/02/2019	Bond Future	Buy	421	0.00
2044 On 07/02/2019	Bond Future	Sell	421	0.00
2044 On 02/05/2019	Bond Future	Sell	421	0.00
2044 On 02/05/2019	Bond Future	Buy	421	0.00
2044 On 07/02/2019	Bond Future	Buy	588	0.00
2044 On 07/02/2019	Bond Future	Sell	588	0.00
2044 On 02/05/2019	Bond Future	Sell	588	0.00
2044 On 02/05/2019	Bond Future	Buy	588	0.00
2044 On 07/02/2019	Bond Future	Buy	1,765	0.00
2044 On 07/02/2019	Bond Future	Sell	1,765	0.00
2044 On 02/05/2019	Bond Future	Sell	1,765	0.00
2044 On 02/05/2019	Bond Future	Buy	1,765	0.00

R2048 Bond Future

R248 On 02/05/2019	Bond Future	Buy	60	0.00
R248 On 02/05/2019	Bond Future	Sell	60	0.00
R248 On 02/05/2019	Bond Future	Buy	260	0.00
R248 On 02/05/2019	Bond Future	Sell	260	0.00
R248 On 02/05/2019	Bond Future	Sell	320	0.00
R248 On 02/05/2019	Bond Future	Buy	320	0.00

R207 Bond Future

R207 On 02/05/2019	Bond Future	Buy	12	0.00
R207 On 02/05/2019	Bond Future	Sell	12	0.00
R207 On 02/05/2019	Bond Future	Buy	314	0.00
R207 On 02/05/2019	Bond Future	Sell	314	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R207 On 02/05/2019	Bond Future		Sell	326	0.00
R207 On 02/05/2019	Bond Future		Buy	326	0.00
R207 On 02/05/2019	Bond Future		Sell	326	0.00
R207 On 02/05/2019	Bond Future		Buy	326	0.00
R208 Bond Futures					
R208 On 07/02/2019	Bond Future		Buy	4,000	0.00
R208 On 07/02/2019	Bond Future		Sell	4,000	0.00
R209 Bond Future					
R209 On 07/02/2019	Bond Future		Buy	2	0.00
R209 On 07/02/2019	Bond Future		Sell	2	0.00
R209 On 02/05/2019	Bond Future		Buy	4	0.00
R209 On 02/05/2019	Bond Future		Sell	4	0.00
R209 On 07/02/2019	Bond Future		Buy	7	0.00
R209 On 07/02/2019	Bond Future		Sell	7	0.00
R209 On 02/05/2019	Bond Future		Buy	10	0.00
R209 On 02/05/2019	Bond Future		Sell	10	0.00
R209 On 07/02/2019	Bond Future		Buy	14	0.00
R209 On 07/02/2019	Bond Future		Sell	14	0.00
R209 On 07/02/2019	Bond Future		Buy	39	0.00
R209 On 07/02/2019	Bond Future		Sell	39	0.00
R209 On 07/02/2019	Bond Future		Buy	77	0.00
R209 On 07/02/2019	Bond Future		Sell	77	0.00
R209 On 02/05/2019	Bond Future		Buy	94	0.00
R209 On 02/05/2019	Bond Future		Sell	94	0.00
R209 On 02/05/2019	Bond Future		Buy	108	0.00
R209 On 02/05/2019	Bond Future		Sell	108	0.00
R209 On 07/02/2019	Bond Future		Buy	140	0.00
R209 On 07/02/2019	Bond Future		Sell	140	0.00
R209 On 07/02/2019	Bond Future		Buy	279	0.00
R209 On 07/02/2019	Bond Future		Sell	279	0.00
R209 On 07/02/2019	Bond Future		Sell	279	0.00
R209 On 07/02/2019	Bond Future		Buy	279	0.00
R214 Bond Future					
R214 On 07/02/2019	Bond Future		Buy	12	0.00
R214 On 07/02/2019	Bond Future		Sell	12	0.00
R214 On 02/05/2019	Bond Future		Sell	12	0.00
R214 On 02/05/2019	Bond Future		Buy	12	0.00
R214 On 07/02/2019	Bond Future		Buy	20	0.00

R214 On 07/02/2019	Bond Future	Sell	20	0.00
R214 On 02/05/2019	Bond Future	Sell	20	0.00
R214 On 02/05/2019	Bond Future	Buy	20	0.00
R214 On 07/02/2019	Bond Future	Buy	22	0.00
R214 On 07/02/2019	Bond Future	Sell	22	0.00
R214 On 02/05/2019	Bond Future	Sell	22	0.00
R214 On 02/05/2019	Bond Future	Buy	22	0.00
R214 On 02/05/2019	Bond Future	Buy	29	0.00
R214 On 02/05/2019	Bond Future	Sell	29	0.00
R214 On 07/02/2019	Bond Future	Buy	35	0.00
R214 On 07/02/2019	Bond Future	Sell	35	0.00
R214 On 02/05/2019	Bond Future	Sell	35	0.00
R214 On 02/05/2019	Bond Future	Buy	35	0.00
R214 On 02/05/2019	Bond Future	Buy	51	0.00
R214 On 02/05/2019	Bond Future	Sell	51	0.00
R214 On 07/02/2019	Bond Future	Buy	54	0.00
R214 On 07/02/2019	Bond Future	Sell	54	0.00
R214 On 02/05/2019	Bond Future	Buy	54	0.00
R214 On 02/05/2019	Bond Future	Sell	54	0.00
R214 On 07/02/2019	Bond Future	Buy	60	0.00
R214 On 07/02/2019	Bond Future	Sell	60	0.00
R214 On 02/05/2019	Bond Future	Sell	60	0.00
R214 On 02/05/2019	Bond Future	Buy	60	0.00
R214 On 07/02/2019	Bond Future	Buy	70	0.00
R214 On 07/02/2019	Bond Future	Sell	70	0.00
R214 On 02/05/2019	Bond Future	Sell	70	0.00
R214 On 02/05/2019	Bond Future	Buy	70	0.00
R214 On 02/05/2019	Bond Future	Sell	80	0.00
R214 On 02/05/2019	Bond Future	Buy	80	0.00
R214 On 02/05/2019	Bond Future	Sell	90	0.00
R214 On 02/05/2019	Bond Future	Buy	90	0.00
R214 On 02/05/2019	Bond Future	Buy	90	0.00
R214 On 02/05/2019	Bond Future	Sell	90	0.00
R214 On 07/02/2019	Bond Future	Sell	165	0.00
R214 On 07/02/2019	Bond Future	Buy	165	0.00
R214 On 02/05/2019	Bond Future	Sell	165	0.00
R214 On 02/05/2019	Bond Future	Buy	165	0.00

Grand Total for Daily Detailed Turnover:

114,994

0.00