



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 : 12/10/2018

TO DATE : 12/10/2018

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

All Bond Index

ALBI On 01/11/2018	Index Future		Buy	1	0.00
ALBI On 01/11/2018	Index Future		Sell	1	0.00
ALBI On 01/11/2018	Index Future		Buy	456	0.00
ALBI On 01/11/2018	Index Future		Sell	456	0.00
ALBI On 07/02/2019	Index Future		Sell	456	0.00
ALBI On 07/02/2019	Index Future		Buy	456	0.00

I2025 Bond Future

2025 On 01/11/2018	Bond Future		Sell	7	0.00
2025 On 01/11/2018	Bond Future		Buy	7	0.00
2025 On 01/11/2018	Bond Future		Buy	7	0.00
2025 On 01/11/2018	Bond Future		Sell	7	0.00

R186 Bond Future

R186 On 01/11/2018	Bond Future	Buy	41	0.00
R186 On 01/11/2018	Bond Future	Sell	41	0.00
R186 On 07/02/2019	Bond Future	Sell	41	0.00
R186 On 07/02/2019	Bond Future	Buy	41	0.00
R186 On 01/11/2018	Bond Future	Buy	79	0.00
R186 On 01/11/2018	Bond Future	Sell	79	0.00
R186 On 07/02/2019	Bond Future	Sell	79	0.00
R186 On 07/02/2019	Bond Future	Buy	79	0.00
R186 On 01/11/2018	Bond Future	Buy	120	0.00
R186 On 01/11/2018	Bond Future	Sell	120	0.00
R186 On 07/02/2019	Bond Future	Sell	120	0.00
R186 On 07/02/2019	Bond Future	Buy	120	0.00
R186 On 01/11/2018	Bond Future	Sell	124	0.00
R186 On 01/11/2018	Bond Future	Buy	124	0.00
R186 On 01/11/2018	Bond Future	Buy	124	0.00
R186 On 01/11/2018	Bond Future	Sell	124	0.00

R202 Bond Future

R202 On 01/11/2018	Bond Future	Buy	6	0.00
R202 On 01/11/2018	Bond Future	Sell	6	0.00
R202 On 01/11/2018	Bond Future	Sell	6	0.00
R202 On 01/11/2018	Bond Future	Buy	6	0.00

R2023 Bond Future

R023 On 01/11/2018	Bond Future	Sell	10	0.00
R023 On 01/11/2018	Bond Future	Buy	10	0.00
R023 On 01/11/2018	Bond Future	Sell	10	0.00
R023 On 01/11/2018	Bond Future	Buy	10	0.00
R023 On 07/02/2019	Bond Future	Buy	10	0.00
R023 On 07/02/2019	Bond Future	Sell	10	0.00
R023 On 07/02/2019	Bond Future	Buy	10	0.00
R023 On 07/02/2019	Bond Future	Sell	10	0.00
R023 On 01/11/2018	Bond Future	Sell	12	0.00
R023 On 01/11/2018	Bond Future	Buy	12	0.00
R023 On 07/02/2019	Bond Future	Buy	12	0.00
R023 On 07/02/2019	Bond Future	Sell	12	0.00
R023 On 01/11/2018	Bond Future	Sell	18	0.00
R023 On 01/11/2018	Bond Future	Buy	18	0.00
R023 On 07/02/2019	Bond Future	Buy	18	0.00
R023 On 07/02/2019	Bond Future	Sell	18	0.00
R023 On 01/11/2018	Bond Future	Sell	22	0.00
R023 On 01/11/2018	Bond Future	Buy	22	0.00
R023 On 07/02/2019	Bond Future	Buy	22	0.00
R023 On 07/02/2019	Bond Future	Sell	22	0.00
R023 On 01/11/2018	Bond Future	Buy	27	0.00
R023 On 01/11/2018	Bond Future	Sell	27	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R023 On 01/11/2018	Bond Future		Sell	61	0.00
R023 On 01/11/2018	Bond Future		Buy	61	0.00
R023 On 07/02/2019	Bond Future		Buy	61	0.00
R023 On 07/02/2019	Bond Future		Sell	61	0.00
R023 On 01/11/2018	Bond Future		Buy	75	0.00
R023 On 01/11/2018	Bond Future		Sell	75	0.00
R023 On 01/11/2018	Bond Future		Sell	75	0.00
R023 On 01/11/2018	Bond Future		Buy	75	0.00
R023 On 07/02/2019	Bond Future		Buy	75	0.00
R023 On 07/02/2019	Bond Future		Sell	75	0.00
R023 On 01/11/2018	Bond Future		Sell	79	0.00
R023 On 01/11/2018	Bond Future		Buy	79	0.00
R023 On 07/02/2019	Bond Future		Buy	79	0.00
R023 On 07/02/2019	Bond Future		Sell	79	0.00
R023 On 01/11/2018	Bond Future		Buy	102	0.00
R023 On 01/11/2018	Bond Future		Sell	102	0.00
R023 On 01/11/2018	Bond Future		Sell	324	0.00
R023 On 01/11/2018	Bond Future		Buy	324	0.00
R023 On 07/02/2019	Bond Future		Buy	324	0.00
R023 On 07/02/2019	Bond Future		Sell	324	0.00
R023 On 01/11/2018	Bond Future		Sell	371	0.00
R023 On 01/11/2018	Bond Future		Buy	371	0.00
R023 On 07/02/2019	Bond Future		Buy	371	0.00
R023 On 07/02/2019	Bond Future		Sell	371	0.00
R023 On 01/11/2018	Bond Future		Sell	422	0.00
R023 On 01/11/2018	Bond Future		Buy	422	0.00
R023 On 07/02/2019	Bond Future		Buy	422	0.00
R023 On 07/02/2019	Bond Future		Sell	422	0.00
R023 On 01/11/2018	Bond Future		Sell	480	0.00
R023 On 01/11/2018	Bond Future		Buy	480	0.00
R023 On 07/02/2019	Bond Future		Buy	480	0.00
R023 On 07/02/2019	Bond Future		Sell	480	0.00
R023 On 01/11/2018	Bond Future		Sell	483	0.00
R023 On 01/11/2018	Bond Future		Buy	483	0.00
R023 On 07/02/2019	Bond Future		Buy	483	0.00
R023 On 07/02/2019	Bond Future		Sell	483	0.00
R023 On 01/11/2018	Bond Future		Sell	528	0.00
R023 On 01/11/2018	Bond Future		Buy	528	0.00
R023 On 07/02/2019	Bond Future		Buy	528	0.00
R023 On 07/02/2019	Bond Future		Sell	528	0.00
R023 On 01/11/2018	Bond Future		Sell	808	0.00
R023 On 01/11/2018	Bond Future		Buy	808	0.00

R023 On 07/02/2019	Bond Future	Buy	808	0.00
R023 On 07/02/2019	Bond Future	Sell	808	0.00
R023 On 01/11/2018	Bond Future	Sell	881	0.00
R023 On 01/11/2018	Bond Future	Buy	881	0.00
R023 On 07/02/2019	Bond Future	Buy	881	0.00
R023 On 07/02/2019	Bond Future	Sell	881	0.00
R023 On 01/11/2018	Bond Future	Sell	1,409	0.00
R023 On 01/11/2018	Bond Future	Buy	1,409	0.00
R023 On 07/02/2019	Bond Future	Sell	1,409	0.00
R023 On 07/02/2019	Bond Future	Buy	1,409	0.00
R023 On 01/11/2018	Bond Future	Sell	1,658	0.00
R023 On 01/11/2018	Bond Future	Buy	1,658	0.00
R023 On 07/02/2019	Bond Future	Buy	1,658	0.00
R023 On 07/02/2019	Bond Future	Sell	1,658	0.00
R023 On 01/11/2018	Bond Future	Sell	15,958	0.00
R023 On 01/11/2018	Bond Future	Buy	15,958	0.00
R023 On 07/02/2019	Bond Future	Buy	15,958	0.00
R023 On 07/02/2019	Bond Future	Sell	15,958	0.00

R2030 Bond Future

2030 On 01/11/2018	Bond Future	Buy	3	0.00
2030 On 01/11/2018	Bond Future	Sell	3	0.00
2030 On 01/11/2018	Bond Future	Buy	3	0.00
2030 On 01/11/2018	Bond Future	Sell	3	0.00
2030 On 01/11/2018	Bond Future	Buy	3	0.00
2030 On 01/11/2018	Bond Future	Sell	3	0.00
2030 On 07/02/2019	Bond Future	Sell	3	0.00
2030 On 07/02/2019	Bond Future	Buy	3	0.00
2030 On 07/02/2019	Bond Future	Sell	3	0.00
2030 On 07/02/2019	Bond Future	Buy	3	0.00
2030 On 07/02/2019	Bond Future	Sell	3	0.00
2030 On 07/02/2019	Bond Future	Buy	3	0.00
2030 On 01/11/2018	Bond Future	Buy	4	0.00
2030 On 01/11/2018	Bond Future	Sell	4	0.00
2030 On 07/02/2019	Bond Future	Sell	4	0.00
2030 On 07/02/2019	Bond Future	Buy	4	0.00
2030 On 01/11/2018	Bond Future	Buy	11	0.00
2030 On 01/11/2018	Bond Future	Sell	11	0.00
2030 On 07/02/2019	Bond Future	Sell	11	0.00
2030 On 07/02/2019	Bond Future	Buy	11	0.00
2030 On 01/11/2018	Bond Future	Buy	15	0.00
2030 On 01/11/2018	Bond Future	Sell	15	0.00
2030 On 07/02/2019	Bond Future	Sell	15	0.00
2030 On 07/02/2019	Bond Future	Buy	15	0.00
2030 On 01/11/2018	Bond Future	Buy	21	0.00
2030 On 01/11/2018	Bond Future	Sell	21	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2030 On 07/02/2019	Bond Future		Sell	21	0.00
2030 On 07/02/2019	Bond Future		Buy	21	0.00
2030 On 01/11/2018	Bond Future		Buy	30	0.00
2030 On 01/11/2018	Bond Future		Sell	30	0.00
2030 On 01/11/2018	Bond Future		Sell	30	0.00
2030 On 01/11/2018	Bond Future		Buy	30	0.00
2030 On 01/11/2018	Bond Future		Buy	33	0.00
2030 On 01/11/2018	Bond Future		Sell	33	0.00
2030 On 07/02/2019	Bond Future		Sell	33	0.00
2030 On 07/02/2019	Bond Future		Buy	33	0.00
2030 On 01/11/2018	Bond Future		Sell	65	0.00
2030 On 01/11/2018	Bond Future		Buy	65	0.00
2030 On 01/11/2018	Bond Future		Buy	65	0.00
2030 On 01/11/2018	Bond Future		Sell	65	0.00
2030 On 01/11/2018	Bond Future		Buy	97	0.00
2030 On 01/11/2018	Bond Future		Sell	97	0.00
2030 On 07/02/2019	Bond Future		Sell	97	0.00
2030 On 07/02/2019	Bond Future		Buy	97	0.00
2030 On 01/11/2018	Bond Future		Buy	130	0.00
2030 On 01/11/2018	Bond Future		Sell	130	0.00
2030 On 07/02/2019	Bond Future		Buy	130	0.00
2030 On 07/02/2019	Bond Future		Sell	130	0.00
2030 On 01/11/2018	Bond Future		Sell	160	0.00
2030 On 01/11/2018	Bond Future		Buy	160	0.00
2030 On 07/02/2019	Bond Future		Sell	160	0.00
2030 On 07/02/2019	Bond Future		Buy	160	0.00
2030 On 01/11/2018	Bond Future		Buy	184	0.00
2030 On 01/11/2018	Bond Future		Sell	184	0.00
2030 On 07/02/2019	Bond Future		Sell	184	0.00
2030 On 07/02/2019	Bond Future		Buy	184	0.00
2030 On 01/11/2018	Bond Future		Buy	224	0.00
2030 On 01/11/2018	Bond Future		Sell	224	0.00
2030 On 07/02/2019	Bond Future		Sell	224	0.00
2030 On 07/02/2019	Bond Future		Buy	224	0.00
2030 On 01/11/2018	Bond Future		Buy	394	0.00
2030 On 01/11/2018	Bond Future		Sell	394	0.00
2030 On 07/02/2019	Bond Future		Sell	394	0.00
2030 On 07/02/2019	Bond Future		Buy	394	0.00
2030 On 01/11/2018	Bond Future		Buy	447	0.00
2030 On 01/11/2018	Bond Future		Sell	447	0.00
2030 On 07/02/2019	Bond Future		Sell	447	0.00
2030 On 07/02/2019	Bond Future		Buy	447	0.00

2030 On 01/11/2018	Bond Future	Buy	1,018	0.00
2030 On 01/11/2018	Bond Future	Sell	1,018	0.00
2030 On 07/02/2019	Bond Future	Sell	1,018	0.00
2030 On 07/02/2019	Bond Future	Buy	1,018	0.00
2030 On 01/11/2018	Bond Future	Buy	1,997	0.00
2030 On 01/11/2018	Bond Future	Sell	1,997	0.00
2030 On 07/02/2019	Bond Future	Sell	1,997	0.00
2030 On 07/02/2019	Bond Future	Buy	1,997	0.00
2030 On 01/11/2018	Bond Future	Buy	2,772	0.00
2030 On 01/11/2018	Bond Future	Sell	2,772	0.00
2030 On 07/02/2019	Bond Future	Sell	2,772	0.00
2030 On 07/02/2019	Bond Future	Buy	2,772	0.00
2030 On 01/11/2018	Bond Future	Sell	3,015	0.00
2030 On 01/11/2018	Bond Future	Buy	3,015	0.00
2030 On 07/02/2019	Bond Future	Buy	3,015	0.00
2030 On 07/02/2019	Bond Future	Sell	3,015	0.00

R2032 Bond Future

2032 On 01/11/2018	Bond Future	Buy	1	0.00
2032 On 01/11/2018	Bond Future	Sell	1	0.00
2032 On 01/11/2018	Bond Future	Buy	1	0.00
2032 On 01/11/2018	Bond Future	Sell	1	0.00
2032 On 01/11/2018	Bond Future	Buy	1	0.00
2032 On 01/11/2018	Bond Future	Sell	1	0.00
2032 On 07/02/2019	Bond Future	Sell	1	0.00
2032 On 07/02/2019	Bond Future	Buy	1	0.00
2032 On 07/02/2019	Bond Future	Sell	1	0.00
2032 On 07/02/2019	Bond Future	Buy	1	0.00
2032 On 07/02/2019	Bond Future	Sell	1	0.00
2032 On 07/02/2019	Bond Future	Buy	1	0.00
2032 On 01/11/2018	Bond Future	Buy	2	0.00
2032 On 01/11/2018	Bond Future	Sell	2	0.00
2032 On 07/02/2019	Bond Future	Sell	2	0.00
2032 On 07/02/2019	Bond Future	Buy	2	0.00
2032 On 01/11/2018	Bond Future	Buy	3	0.00
2032 On 01/11/2018	Bond Future	Sell	3	0.00
2032 On 07/02/2019	Bond Future	Sell	3	0.00
2032 On 07/02/2019	Bond Future	Buy	3	0.00
2032 On 01/11/2018	Bond Future	Buy	10	0.00
2032 On 01/11/2018	Bond Future	Sell	10	0.00
2032 On 07/02/2019	Bond Future	Sell	10	0.00
2032 On 07/02/2019	Bond Future	Buy	10	0.00
2032 On 01/11/2018	Bond Future	Buy	14	0.00
2032 On 01/11/2018	Bond Future	Sell	14	0.00
2032 On 07/02/2019	Bond Future	Sell	14	0.00
2032 On 07/02/2019	Bond Future	Buy	14	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2032 On 01/11/2018	Bond Future		Buy	19	0.00
2032 On 01/11/2018	Bond Future		Sell	19	0.00
2032 On 07/02/2019	Bond Future		Sell	19	0.00
2032 On 07/02/2019	Bond Future		Buy	19	0.00
2032 On 01/11/2018	Bond Future		Buy	88	0.00
2032 On 01/11/2018	Bond Future		Sell	88	0.00
2032 On 07/02/2019	Bond Future		Sell	88	0.00
2032 On 07/02/2019	Bond Future		Buy	88	0.00
2032 On 01/11/2018	Bond Future		Buy	98	0.00
2032 On 01/11/2018	Bond Future		Sell	98	0.00
2032 On 07/02/2019	Bond Future		Sell	98	0.00
2032 On 07/02/2019	Bond Future		Buy	98	0.00
2032 On 01/11/2018	Bond Future		Buy	117	0.00
2032 On 01/11/2018	Bond Future		Sell	117	0.00
2032 On 07/02/2019	Bond Future		Sell	117	0.00
2032 On 07/02/2019	Bond Future		Buy	117	0.00
2032 On 01/11/2018	Bond Future		Buy	119	0.00
2032 On 01/11/2018	Bond Future		Sell	119	0.00
2032 On 07/02/2019	Bond Future		Sell	119	0.00
2032 On 07/02/2019	Bond Future		Buy	119	0.00
2032 On 01/11/2018	Bond Future		Buy	121	0.00
2032 On 01/11/2018	Bond Future		Sell	121	0.00
2032 On 07/02/2019	Bond Future		Sell	121	0.00
2032 On 07/02/2019	Bond Future		Buy	121	0.00
2032 On 01/11/2018	Bond Future		Buy	204	0.00
2032 On 01/11/2018	Bond Future		Sell	204	0.00
2032 On 07/02/2019	Bond Future		Sell	204	0.00
2032 On 07/02/2019	Bond Future		Buy	204	0.00
2032 On 01/11/2018	Bond Future		Buy	527	0.00
2032 On 01/11/2018	Bond Future		Sell	527	0.00
2032 On 07/02/2019	Bond Future		Sell	527	0.00
2032 On 07/02/2019	Bond Future		Buy	527	0.00
2032 On 01/11/2018	Bond Future		Buy	845	0.00
2032 On 01/11/2018	Bond Future		Sell	845	0.00
2032 On 07/02/2019	Bond Future		Sell	845	0.00
2032 On 07/02/2019	Bond Future		Buy	845	0.00
2032 On 01/11/2018	Bond Future		Buy	1,372	0.00
2032 On 01/11/2018	Bond Future		Sell	1,372	0.00
2032 On 07/02/2019	Bond Future		Sell	1,372	0.00
2032 On 07/02/2019	Bond Future		Buy	1,372	0.00
2032 On 01/11/2018	Bond Future		Buy	2,628	0.00
2032 On 01/11/2018	Bond Future		Sell	2,628	0.00

2032 On 07/02/2019	Bond Future	Buy	2,628	0.00
2032 On 07/02/2019	Bond Future	Sell	2,628	0.00

R2037 Bond Future

2037 On 01/11/2018	Bond Future	Buy	4	0.00
2037 On 01/11/2018	Bond Future	Sell	4	0.00
2037 On 07/02/2019	Bond Future	Sell	4	0.00
2037 On 07/02/2019	Bond Future	Buy	4	0.00
2037 On 01/11/2018	Bond Future	Buy	6	0.00
2037 On 01/11/2018	Bond Future	Sell	6	0.00
2037 On 07/02/2019	Bond Future	Sell	6	0.00
2037 On 07/02/2019	Bond Future	Buy	6	0.00
2037 On 01/11/2018	Bond Future	Sell	7	0.00
2037 On 01/11/2018	Bond Future	Buy	7	0.00
2037 On 07/02/2019	Bond Future	Sell	7	0.00
2037 On 07/02/2019	Bond Future	Buy	7	0.00
2037 On 01/11/2018	Bond Future	Buy	8	0.00
2037 On 01/11/2018	Bond Future	Sell	8	0.00
2037 On 01/11/2018	Bond Future	Buy	8	0.00
2037 On 01/11/2018	Bond Future	Sell	8	0.00
2037 On 07/02/2019	Bond Future	Sell	8	0.00
2037 On 07/02/2019	Bond Future	Buy	8	0.00
2037 On 07/02/2019	Bond Future	Sell	8	0.00
2037 On 07/02/2019	Bond Future	Buy	8	0.00
2037 On 01/11/2018	Bond Future	Buy	25	0.00
2037 On 01/11/2018	Bond Future	Sell	25	0.00
2037 On 07/02/2019	Bond Future	Sell	25	0.00
2037 On 07/02/2019	Bond Future	Buy	25	0.00
2037 On 01/11/2018	Bond Future	Buy	32	0.00
2037 On 01/11/2018	Bond Future	Sell	32	0.00
2037 On 07/02/2019	Bond Future	Sell	32	0.00
2037 On 07/02/2019	Bond Future	Buy	32	0.00
2037 On 01/11/2018	Bond Future	Buy	52	0.00
2037 On 01/11/2018	Bond Future	Sell	52	0.00
2037 On 07/02/2019	Bond Future	Sell	52	0.00
2037 On 07/02/2019	Bond Future	Buy	52	0.00
2037 On 01/11/2018	Bond Future	Buy	99	0.00
2037 On 01/11/2018	Bond Future	Sell	99	0.00
2037 On 07/02/2019	Bond Future	Sell	99	0.00
2037 On 07/02/2019	Bond Future	Buy	99	0.00
2037 On 01/11/2018	Bond Future	Buy	178	0.00
2037 On 01/11/2018	Bond Future	Sell	178	0.00
2037 On 07/02/2019	Bond Future	Sell	178	0.00
2037 On 07/02/2019	Bond Future	Buy	178	0.00
2037 On 01/11/2018	Bond Future	Buy	184	0.00
2037 On 01/11/2018	Bond Future	Sell	184	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2037 On 07/02/2019			Sell	184	0.00
2037 On 07/02/2019			Buy	184	0.00
2037 On 01/11/2018			Buy	197	0.00
2037 On 01/11/2018			Sell	197	0.00
2037 On 07/02/2019			Sell	197	0.00
2037 On 07/02/2019			Buy	197	0.00
2037 On 01/11/2018			Buy	328	0.00
2037 On 01/11/2018			Sell	328	0.00
2037 On 07/02/2019			Sell	328	0.00
2037 On 07/02/2019			Buy	328	0.00
2037 On 01/11/2018			Sell	847	0.00
2037 On 01/11/2018			Buy	847	0.00
2037 On 07/02/2019			Sell	847	0.00
2037 On 07/02/2019			Buy	847	0.00
2037 On 01/11/2018			Buy	1,010	0.00
2037 On 01/11/2018			Sell	1,010	0.00
2037 On 07/02/2019			Sell	1,010	0.00
2037 On 07/02/2019			Buy	1,010	0.00
2037 On 01/11/2018			Buy	1,519	0.00
2037 On 01/11/2018			Sell	1,519	0.00
2037 On 07/02/2019			Sell	1,519	0.00
2037 On 07/02/2019			Buy	1,519	0.00
2037 On 01/11/2018			Sell	2,366	0.00
2037 On 01/11/2018			Buy	2,366	0.00
2037 On 07/02/2019			Sell	2,366	0.00
2037 On 07/02/2019			Buy	2,366	0.00
2037 On 01/11/2018			Buy	8,037	0.00
2037 On 01/11/2018			Sell	8,037	0.00
2037 On 07/02/2019			Sell	8,037	0.00
2037 On 07/02/2019			Buy	8,037	0.00

R2040 Bond Future

2040 On 01/11/2018			Buy	1	0.00
2040 On 01/11/2018			Sell	1	0.00
2040 On 07/02/2019			Sell	1	0.00
2040 On 07/02/2019			Buy	1	0.00
2040 On 01/11/2018			Buy	2	0.00
2040 On 01/11/2018			Sell	2	0.00
2040 On 07/02/2019			Sell	2	0.00
2040 On 07/02/2019			Buy	2	0.00
2040 On 01/11/2018			Buy	3	0.00
2040 On 01/11/2018			Sell	3	0.00

2040 On 01/11/2018	Bond Future	Buy	3	0.00
2040 On 01/11/2018	Bond Future	Sell	3	0.00
2040 On 07/02/2019	Bond Future	Sell	3	0.00
2040 On 07/02/2019	Bond Future	Buy	3	0.00
2040 On 07/02/2019	Bond Future	Sell	3	0.00
2040 On 07/02/2019	Bond Future	Buy	3	0.00
2040 On 01/11/2018	Bond Future	Buy	5	0.00
2040 On 01/11/2018	Bond Future	Sell	5	0.00
2040 On 01/11/2018	Bond Future	Buy	5	0.00
2040 On 01/11/2018	Bond Future	Sell	5	0.00
2040 On 07/02/2019	Bond Future	Sell	5	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 07/02/2019	Bond Future	Buy	5	0.00
2040 On 01/11/2018	Bond Future	Buy	8	0.00
2040 On 01/11/2018	Bond Future	Sell	8	0.00
2040 On 01/11/2018	Bond Future	Sell	8	0.00
2040 On 01/11/2018	Bond Future	Buy	8	0.00
2040 On 01/11/2018	Bond Future	Buy	8	0.00
2040 On 01/11/2018	Bond Future	Sell	8	0.00
2040 On 07/02/2019	Bond Future	Sell	8	0.00
2040 On 07/02/2019	Bond Future	Buy	8	0.00
2040 On 01/11/2018	Bond Future	Buy	12	0.00
2040 On 01/11/2018	Bond Future	Sell	12	0.00
2040 On 07/02/2019	Bond Future	Sell	12	0.00
2040 On 07/02/2019	Bond Future	Buy	12	0.00
2040 On 01/11/2018	Bond Future	Buy	15	0.00
2040 On 01/11/2018	Bond Future	Sell	15	0.00
2040 On 07/02/2019	Bond Future	Sell	15	0.00
2040 On 07/02/2019	Bond Future	Buy	15	0.00
2040 On 01/11/2018	Bond Future	Buy	38	0.00
2040 On 01/11/2018	Bond Future	Sell	38	0.00
2040 On 07/02/2019	Bond Future	Sell	38	0.00
2040 On 07/02/2019	Bond Future	Buy	38	0.00
2040 On 01/11/2018	Bond Future	Buy	46	0.00
2040 On 01/11/2018	Bond Future	Sell	46	0.00
2040 On 01/11/2018	Bond Future	Buy	46	0.00
2040 On 01/11/2018	Bond Future	Sell	46	0.00
2040 On 07/02/2019	Bond Future	Sell	46	0.00
2040 On 07/02/2019	Bond Future	Buy	46	0.00
2040 On 07/02/2019	Bond Future	Sell	46	0.00
2040 On 07/02/2019	Bond Future	Buy	46	0.00
2040 On 01/11/2018	Bond Future	Buy	79	0.00
2040 On 01/11/2018	Bond Future	Sell	79	0.00
2040 On 07/02/2019	Bond Future	Sell	79	0.00
2040 On 07/02/2019	Bond Future	Buy	79	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2040 On 01/11/2018	Bond Future		Buy	88	0.00
2040 On 01/11/2018	Bond Future		Sell	88	0.00
2040 On 07/02/2019	Bond Future		Sell	88	0.00
2040 On 07/02/2019	Bond Future		Buy	88	0.00
2040 On 01/11/2018	Bond Future		Sell	113	0.00
2040 On 01/11/2018	Bond Future		Buy	113	0.00
2040 On 07/02/2019	Bond Future		Sell	113	0.00
2040 On 07/02/2019	Bond Future		Buy	113	0.00
2040 On 01/11/2018	Bond Future		Buy	210	0.00
2040 On 01/11/2018	Bond Future		Sell	210	0.00
2040 On 07/02/2019	Bond Future		Sell	210	0.00
2040 On 07/02/2019	Bond Future		Buy	210	0.00
2040 On 01/11/2018	Bond Future		Buy	303	0.00
2040 On 01/11/2018	Bond Future		Sell	303	0.00
2040 On 07/02/2019	Bond Future		Sell	303	0.00
2040 On 07/02/2019	Bond Future		Buy	303	0.00
2040 On 01/11/2018	Bond Future		Buy	323	0.00
2040 On 01/11/2018	Bond Future		Sell	323	0.00
2040 On 07/02/2019	Bond Future		Sell	323	0.00
2040 On 07/02/2019	Bond Future		Buy	323	0.00
2040 On 01/11/2018	Bond Future		Sell	1,961	0.00
2040 On 01/11/2018	Bond Future		Buy	1,961	0.00
2040 On 07/02/2019	Bond Future		Sell	1,961	0.00
2040 On 07/02/2019	Bond Future		Buy	1,961	0.00

R2044 Bond Future

2044 On 01/11/2018	Bond Future		Buy	3	0.00
2044 On 01/11/2018	Bond Future		Sell	3	0.00
2044 On 07/02/2019	Bond Future		Sell	3	0.00
2044 On 07/02/2019	Bond Future		Buy	3	0.00
2044 On 01/11/2018	Bond Future		Buy	4	0.00
2044 On 01/11/2018	Bond Future		Sell	4	0.00
2044 On 01/11/2018	Bond Future		Buy	4	0.00
2044 On 01/11/2018	Bond Future		Sell	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 07/02/2019	Bond Future		Buy	4	0.00
2044 On 01/11/2018	Bond Future		Buy	6	0.00
2044 On 01/11/2018	Bond Future		Sell	6	0.00
2044 On 01/11/2018	Bond Future		Buy	6	0.00
2044 On 01/11/2018	Bond Future		Sell	6	0.00

2044 On 07/02/2019	Bond Future	Sell	6	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 07/02/2019	Bond Future	Buy	6	0.00
2044 On 01/11/2018	Bond Future	Buy	22	0.00
2044 On 01/11/2018	Bond Future	Sell	22	0.00
2044 On 07/02/2019	Bond Future	Sell	22	0.00
2044 On 07/02/2019	Bond Future	Buy	22	0.00
2044 On 01/11/2018	Bond Future	Buy	25	0.00
2044 On 01/11/2018	Bond Future	Sell	25	0.00
2044 On 07/02/2019	Bond Future	Sell	25	0.00
2044 On 07/02/2019	Bond Future	Buy	25	0.00
2044 On 01/11/2018	Bond Future	Buy	30	0.00
2044 On 01/11/2018	Bond Future	Sell	30	0.00
2044 On 07/02/2019	Bond Future	Sell	30	0.00
2044 On 07/02/2019	Bond Future	Buy	30	0.00
2044 On 01/11/2018	Bond Future	Sell	66	0.00
2044 On 01/11/2018	Bond Future	Buy	66	0.00
2044 On 01/11/2018	Bond Future	Sell	66	0.00
2044 On 01/11/2018	Bond Future	Buy	66	0.00
2044 On 01/11/2018	Bond Future	Buy	128	0.00
2044 On 01/11/2018	Bond Future	Sell	128	0.00
2044 On 07/02/2019	Bond Future	Sell	128	0.00
2044 On 07/02/2019	Bond Future	Buy	128	0.00
2044 On 01/11/2018	Bond Future	Buy	167	0.00
2044 On 01/11/2018	Bond Future	Sell	167	0.00
2044 On 07/02/2019	Bond Future	Sell	167	0.00
2044 On 07/02/2019	Bond Future	Buy	167	0.00
2044 On 01/11/2018	Bond Future	Buy	184	0.00
2044 On 01/11/2018	Bond Future	Sell	184	0.00
2044 On 07/02/2019	Bond Future	Sell	184	0.00
2044 On 07/02/2019	Bond Future	Buy	184	0.00
2044 On 01/11/2018	Bond Future	Buy	190	0.00
2044 On 01/11/2018	Bond Future	Sell	190	0.00
2044 On 07/02/2019	Bond Future	Sell	190	0.00
2044 On 07/02/2019	Bond Future	Buy	190	0.00
2044 On 01/11/2018	Bond Future	Buy	314	0.00
2044 On 01/11/2018	Bond Future	Sell	314	0.00
2044 On 07/02/2019	Bond Future	Sell	314	0.00
2044 On 07/02/2019	Bond Future	Buy	314	0.00
2044 On 01/11/2018	Bond Future	Buy	335	0.00
2044 On 01/11/2018	Bond Future	Sell	335	0.00
2044 On 07/02/2019	Bond Future	Sell	335	0.00
2044 On 07/02/2019	Bond Future	Buy	335	0.00
2044 On 01/11/2018	Bond Future	Buy	590	0.00
2044 On 01/11/2018	Bond Future	Sell	590	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
2044 On 07/02/2019	Bond Future		Sell	590	0.00
2044 On 07/02/2019	Bond Future		Buy	590	0.00
2044 On 01/11/2018	Bond Future		Buy	857	0.00
2044 On 01/11/2018	Bond Future		Sell	857	0.00
2044 On 07/02/2019	Bond Future		Sell	857	0.00
2044 On 07/02/2019	Bond Future		Buy	857	0.00
2044 On 01/11/2018	Bond Future		Sell	1,192	0.00
2044 On 01/11/2018	Bond Future		Buy	1,192	0.00
2044 On 07/02/2019	Bond Future		Buy	1,192	0.00
2044 On 07/02/2019	Bond Future		Sell	1,192	0.00
2044 On 01/11/2018	Bond Future		Buy	5,235	0.00
2044 On 01/11/2018	Bond Future		Sell	5,235	0.00
2044 On 07/02/2019	Bond Future		Sell	5,235	0.00
2044 On 07/02/2019	Bond Future		Buy	5,235	0.00
R2048 Bond Future					
R248 On 01/11/2018	Bond Future		Buy	1	0.00
R248 On 01/11/2018	Bond Future		Sell	1	0.00
R248 On 01/11/2018	Bond Future		Buy	1	0.00
R248 On 01/11/2018	Bond Future		Sell	1	0.00
R248 On 07/02/2019	Bond Future		Sell	1	0.00
R248 On 07/02/2019	Bond Future		Buy	1	0.00
R248 On 07/02/2019	Bond Future		Sell	1	0.00
R248 On 07/02/2019	Bond Future		Buy	1	0.00
R248 On 01/11/2018	Bond Future		Buy	2	0.00
R248 On 01/11/2018	Bond Future		Sell	2	0.00
R248 On 07/02/2019	Bond Future		Sell	2	0.00
R248 On 07/02/2019	Bond Future		Buy	2	0.00
R248 On 01/11/2018	Bond Future		Buy	4	0.00
R248 On 01/11/2018	Bond Future		Sell	4	0.00
R248 On 07/02/2019	Bond Future		Sell	4	0.00
R248 On 07/02/2019	Bond Future		Buy	4	0.00
R248 On 01/11/2018	Bond Future		Buy	14	0.00
R248 On 01/11/2018	Bond Future		Sell	14	0.00
R248 On 07/02/2019	Bond Future		Sell	14	0.00
R248 On 07/02/2019	Bond Future		Buy	14	0.00
R248 On 01/11/2018	Bond Future		Buy	22	0.00
R248 On 01/11/2018	Bond Future		Sell	22	0.00
R248 On 07/02/2019	Bond Future		Sell	22	0.00
R248 On 07/02/2019	Bond Future		Buy	22	0.00
R248 On 01/11/2018	Bond Future		Buy	114	0.00
R248 On 01/11/2018	Bond Future		Sell	114	0.00

R248 On 07/02/2019	Bond Future	Sell	114	0.00
R248 On 07/02/2019	Bond Future	Buy	114	0.00
R248 On 01/11/2018	Bond Future	Buy	129	0.00
R248 On 01/11/2018	Bond Future	Sell	129	0.00
R248 On 07/02/2019	Bond Future	Buy	129	0.00
R248 On 07/02/2019	Bond Future	Sell	129	0.00
R248 On 01/11/2018	Bond Future	Buy	138	0.00
R248 On 01/11/2018	Bond Future	Sell	138	0.00
R248 On 07/02/2019	Bond Future	Sell	138	0.00
R248 On 07/02/2019	Bond Future	Buy	138	0.00
R248 On 01/11/2018	Bond Future	Buy	142	0.00
R248 On 01/11/2018	Bond Future	Sell	142	0.00
R248 On 07/02/2019	Bond Future	Sell	142	0.00
R248 On 07/02/2019	Bond Future	Buy	142	0.00
R248 On 01/11/2018	Bond Future	Buy	147	0.00
R248 On 01/11/2018	Bond Future	Sell	147	0.00
R248 On 07/02/2019	Bond Future	Sell	147	0.00
R248 On 07/02/2019	Bond Future	Buy	147	0.00
R248 On 01/11/2018	Bond Future	Buy	241	0.00
R248 On 01/11/2018	Bond Future	Sell	241	0.00
R248 On 07/02/2019	Bond Future	Sell	241	0.00
R248 On 07/02/2019	Bond Future	Buy	241	0.00
R248 On 01/11/2018	Bond Future	Buy	1,725	0.00
R248 On 01/11/2018	Bond Future	Sell	1,725	0.00
R248 On 07/02/2019	Bond Future	Sell	1,725	0.00
R248 On 07/02/2019	Bond Future	Buy	1,725	0.00
R248 On 01/11/2018	Bond Future	Buy	3,078	0.00
R248 On 01/11/2018	Bond Future	Sell	3,078	0.00
R248 On 07/02/2019	Bond Future	Sell	3,078	0.00
R248 On 07/02/2019	Bond Future	Buy	3,078	0.00
R248 On 01/11/2018	Bond Future	Buy	4,803	0.00
R248 On 01/11/2018	Bond Future	Sell	4,803	0.00
R248 On 07/02/2019	Bond Future	Sell	4,803	0.00
R248 On 07/02/2019	Bond Future	Buy	4,803	0.00
R248 On 01/11/2018	Bond Future	Buy	5,290	0.00
R248 On 01/11/2018	Bond Future	Sell	5,290	0.00
R248 On 07/02/2019	Bond Future	Sell	5,290	0.00
R248 On 07/02/2019	Bond Future	Buy	5,290	0.00

R209 Bond Future

R209 On 07/02/2019	Bond Future	Sell	9	0.00
R209 On 07/02/2019	Bond Future	Buy	9	0.00
R209 On 07/02/2019	Bond Future	Sell	9	0.00
R209 On 07/02/2019	Bond Future	Buy	9	0.00
R209 On 07/02/2019	Bond Future	Sell	9	0.00
R209 On 07/02/2019	Bond Future	Buy	9	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R209 On 07/02/2019	Bond Future		Sell	9	0.00
R209 On 07/02/2019	Bond Future		Buy	9	0.00
R209 On 01/11/2018	Bond Future		Buy	18	0.00
R209 On 01/11/2018	Bond Future		Sell	18	0.00
R209 On 01/11/2018	Bond Future		Buy	18	0.00
R209 On 01/11/2018	Bond Future		Sell	18	0.00
R213 Bond Future					
R213 On 01/11/2018	Bond Future		Buy	523	0.00
R213 On 01/11/2018	Bond Future		Sell	523	0.00
R213 On 07/02/2019	Bond Future		Sell	523	0.00
R213 On 07/02/2019	Bond Future		Buy	523	0.00
R213 On 01/11/2018	Bond Future		Buy	974	0.00
R213 On 01/11/2018	Bond Future		Sell	974	0.00
R213 On 07/02/2019	Bond Future		Sell	974	0.00
R213 On 07/02/2019	Bond Future		Buy	974	0.00
R213 On 01/11/2018	Bond Future		Sell	1,497	0.00
R213 On 01/11/2018	Bond Future		Buy	1,497	0.00
R213 On 07/02/2019	Bond Future		Buy	1,497	0.00
R213 On 07/02/2019	Bond Future		Sell	1,497	0.00
R214 Bond Future					
R214 On 01/11/2018	Bond Future		Buy	1	0.00
R214 On 01/11/2018	Bond Future		Sell	1	0.00
R214 On 01/11/2018	Bond Future		Buy	1	0.00
R214 On 01/11/2018	Bond Future		Sell	1	0.00
R214 On 01/11/2018	Bond Future		Buy	1	0.00
R214 On 01/11/2018	Bond Future		Sell	1	0.00
R214 On 07/02/2019	Bond Future		Sell	1	0.00
R214 On 07/02/2019	Bond Future		Buy	1	0.00
R214 On 07/02/2019	Bond Future		Sell	1	0.00
R214 On 07/02/2019	Bond Future		Buy	1	0.00
R214 On 07/02/2019	Bond Future		Sell	1	0.00
R214 On 07/02/2019	Bond Future		Buy	1	0.00
R214 On 01/11/2018	Bond Future		Buy	2	0.00
R214 On 01/11/2018	Bond Future		Sell	2	0.00
R214 On 01/11/2018	Bond Future		Buy	2	0.00
R214 On 01/11/2018	Bond Future		Sell	2	0.00
R214 On 07/02/2019	Bond Future		Sell	2	0.00
R214 On 07/02/2019	Bond Future		Buy	2	0.00
R214 On 07/02/2019	Bond Future		Sell	2	0.00

R214 On 07/02/2019	Bond Future	Buy	2	0.00
R214 On 01/11/2018	Bond Future	Buy	3	0.00
R214 On 01/11/2018	Bond Future	Sell	3	0.00
R214 On 07/02/2019	Bond Future	Sell	3	0.00
R214 On 07/02/2019	Bond Future	Buy	3	0.00
R214 On 01/11/2018	Bond Future	Buy	5	0.00
R214 On 01/11/2018	Bond Future	Sell	5	0.00
R214 On 07/02/2019	Bond Future	Sell	5	0.00
R214 On 07/02/2019	Bond Future	Buy	5	0.00
R214 On 01/11/2018	Bond Future	Buy	19	0.00
R214 On 01/11/2018	Bond Future	Sell	19	0.00
R214 On 07/02/2019	Bond Future	Sell	19	0.00
R214 On 07/02/2019	Bond Future	Buy	19	0.00
R214 On 01/11/2018	Bond Future	Buy	22	0.00
R214 On 01/11/2018	Bond Future	Sell	22	0.00
R214 On 07/02/2019	Bond Future	Sell	22	0.00
R214 On 07/02/2019	Bond Future	Buy	22	0.00
R214 On 01/11/2018	Bond Future	Buy	34	0.00
R214 On 01/11/2018	Bond Future	Sell	34	0.00
R214 On 07/02/2019	Bond Future	Sell	34	0.00
R214 On 07/02/2019	Bond Future	Buy	34	0.00
R214 On 01/11/2018	Bond Future	Buy	43	0.00
R214 On 01/11/2018	Bond Future	Sell	43	0.00
R214 On 07/02/2019	Bond Future	Sell	43	0.00
R214 On 07/02/2019	Bond Future	Buy	43	0.00
R214 On 01/11/2018	Bond Future	Buy	72	0.00
R214 On 01/11/2018	Bond Future	Sell	72	0.00
R214 On 07/02/2019	Bond Future	Sell	72	0.00
R214 On 07/02/2019	Bond Future	Buy	72	0.00
R214 On 01/11/2018	Bond Future	Buy	96	0.00
R214 On 01/11/2018	Bond Future	Sell	96	0.00
R214 On 07/02/2019	Bond Future	Sell	96	0.00
R214 On 07/02/2019	Bond Future	Buy	96	0.00
R214 On 01/11/2018	Bond Future	Buy	148	0.00
R214 On 01/11/2018	Bond Future	Sell	148	0.00
R214 On 07/02/2019	Bond Future	Sell	148	0.00
R214 On 07/02/2019	Bond Future	Buy	148	0.00
R214 On 01/11/2018	Bond Future	Buy	217	0.00
R214 On 01/11/2018	Bond Future	Sell	217	0.00
R214 On 07/02/2019	Bond Future	Sell	217	0.00
R214 On 07/02/2019	Bond Future	Buy	217	0.00
R214 On 01/11/2018	Bond Future	Buy	365	0.00
R214 On 01/11/2018	Bond Future	Sell	365	0.00
R214 On 07/02/2019	Bond Future	Sell	365	0.00
R214 On 07/02/2019	Bond Future	Buy	365	0.00
R214 On 01/11/2018	Bond Future	Buy	443	0.00

Contract	Strike	C/P	Buy/Sell	No. of Contracts	
R214 On 01/11/2018	Bond Future		Sell	443	0.00
R214 On 07/02/2019	Bond Future		Sell	443	0.00
R214 On 07/02/2019	Bond Future		Buy	443	0.00
R214 On 01/11/2018	Bond Future		Buy	3,207	0.00
R214 On 01/11/2018	Bond Future		Sell	3,207	0.00
R214 On 07/02/2019	Bond Future		Sell	3,207	0.00
R214 On 07/02/2019	Bond Future		Buy	3,207	0.00
Grand Total for Daily Detailed Turnover:				184,873	0.00