



NSE

MARKET PULSE



February 2015



May prosperity always bloom

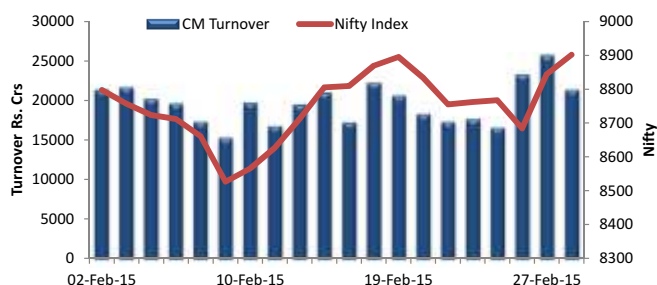
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1. OVERVIEW OF EQUITY AND EQUITY DERIVATIVES SEGMENT

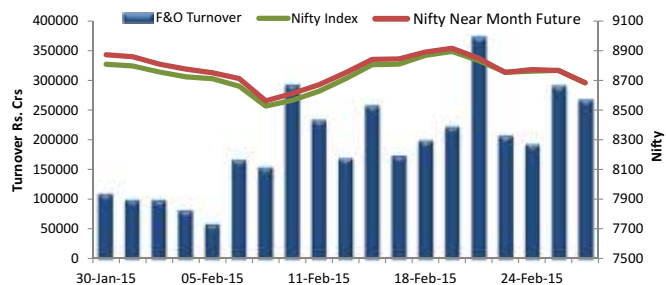
a. Turnover

Cash Market



Peak Turnover Rs. 25714 Crore
Total Traded Quantity 204018 lakhs
Market Capitalization Rs. 10212614 Crore

Equity Derivatives Market



Peak Turnover Rs. 581564 Crs
Peak Nifty Index 8941.10
Peak Bank Nifty Index 19991.40

b. Index watch

Index	High	Low	Close	Returns#	Standard Deviaton*	P/E	P/B	Div Yield
CNX Nifty	8941.10	8470.50	8901.85	1.1%	12.9%	23.09	3.70	1.23
Bank Nifty	19991.40	18226.90	19691.20	-0.8%	24.1%	19.80	2.96	0.95
CNXIT	12750.00	11799.35	12659.80	7.1%	13.0%	22.38	7.01	1.15
Nifty Midcap 50	3538.30	3228.70	3438.50	-1.3%	21.8%	15.96	1.81	1.21
CNX Infrastructure	3377.45	3015.25	3307.05	0.4%	23.5%	20.43	2.25	1.10
CNX PSE	3690.15	3491.00	3633.45	-0.4%	13.7%	12.15	1.99	3.20
INDIAVIX	22.1225	16.6925	16.9700	-15.9%	66.3%	N.A.	N.A.	N.A.

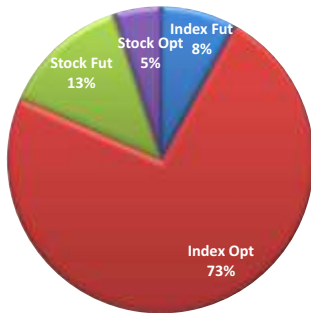
#Absolute returns for the month | *Average daily standard deviation during Feb annualized

c. Instrument wise growth in turnover

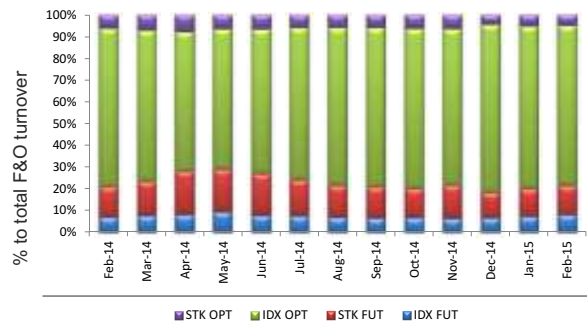
Instrument	Average Daily Turnover Rs. Crs		
	Feb-15	Feb-14	% Change
Index Futures	21923	9537	130%
Stock Futures	36329	18943	92%
Index Options	199565	98952	102%
Stock Options	13790	8667	59%
Total	271607	136099	100%

Instrument	Average Daily Turnover Rs. Crs		
	Till Feb' 15	Till Feb'14	% Change
Index Futures	16522	12301	34%
Stock Futures	34203	19253	78%
Index Options	160513	110697	45%
Stock Options	13593	9416	44%
Total	224832	151667	48%

d. Instrument wise turnover breakup



e. Instrument wise volumes trend

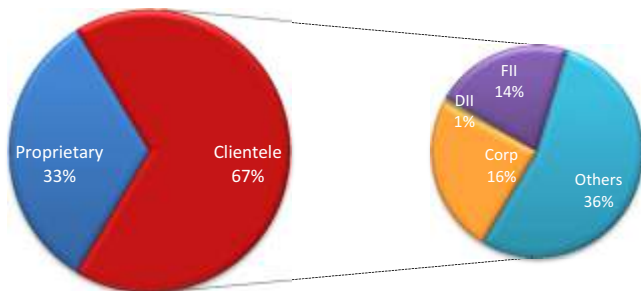


Index derivatives contributed 82% of total equity derivatives turnover.

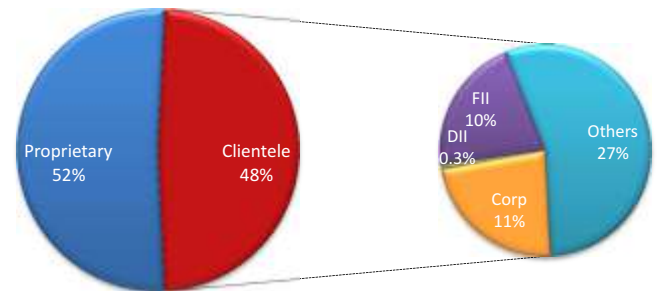
f. Instrument wise participant wise turnover

The participant wise volume breakup charts across the instruments reflect active participation from all classes of participants and is not skewed towards a particular category.

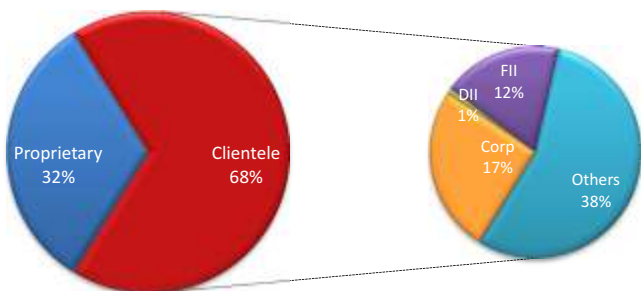
Cash Markets



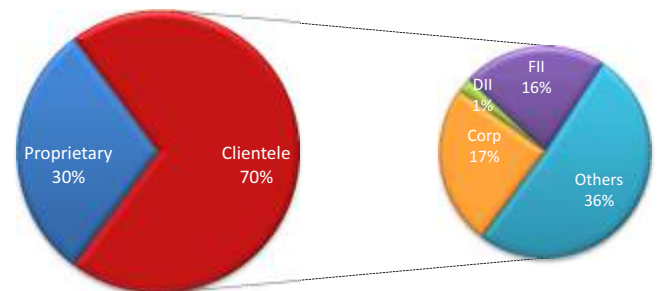
Equity Derivatives



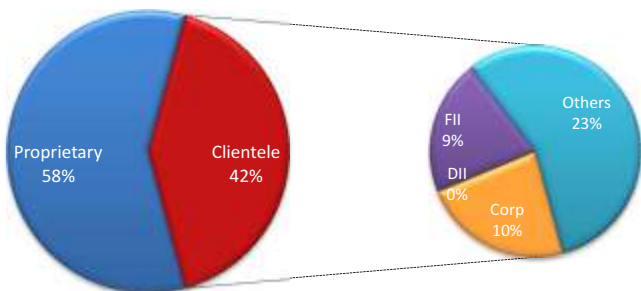
Index Futures



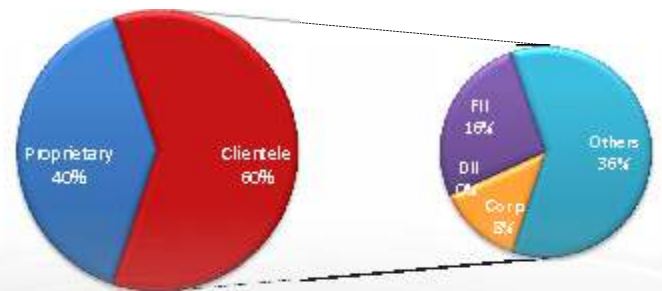
Stock Futures



Index Options



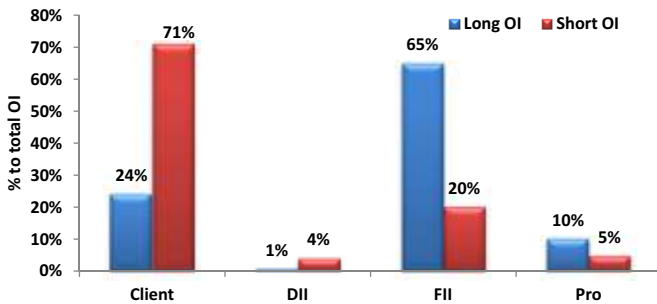
Stock Options



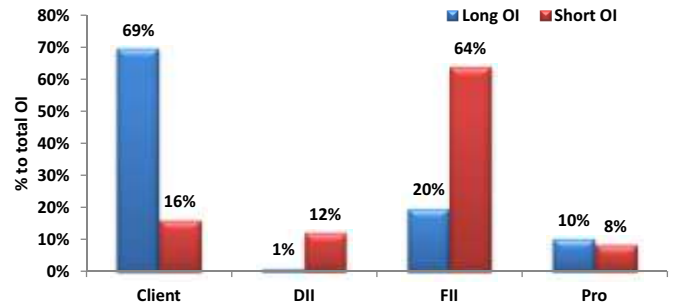
g. Instrument wise participant wise open interest

Instrument wise participant wise open interest as on February 25, 2015, i.e. one day prior to equity derivatives expiry

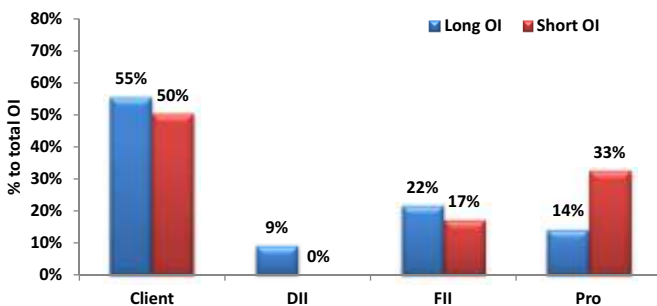
Participant wise OI - Index Futures



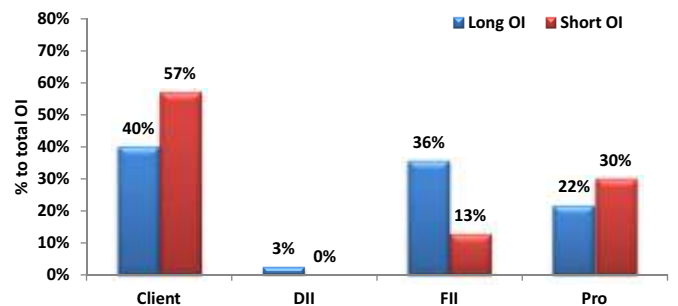
Participant wise OI - Stock Futures



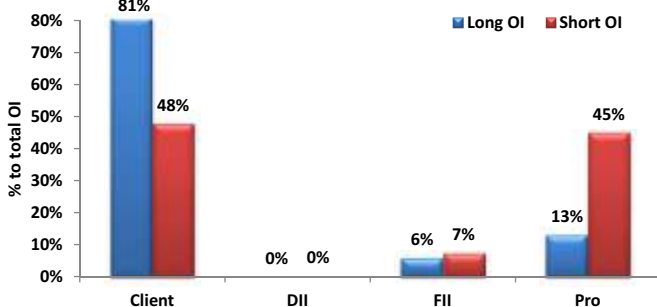
Participant wise OI - Index Calls



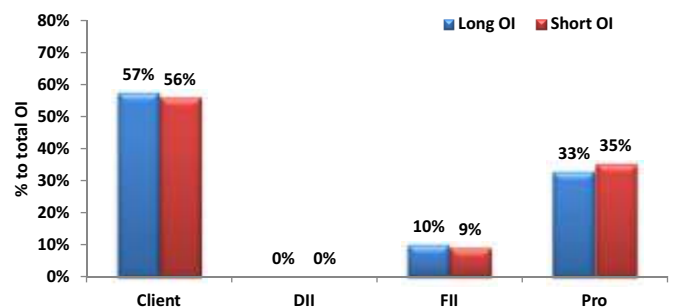
Participant wise OI - Index Puts



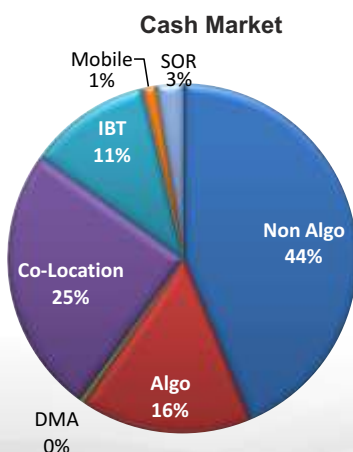
Participant wise OI - Stock Calls



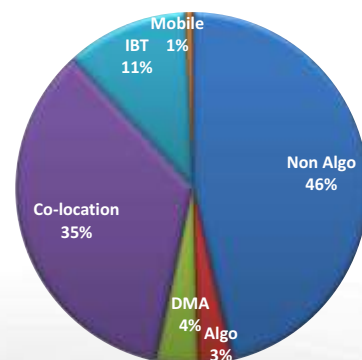
Participant wise OI - Stock Puts



h. Mode of trading wise turnover

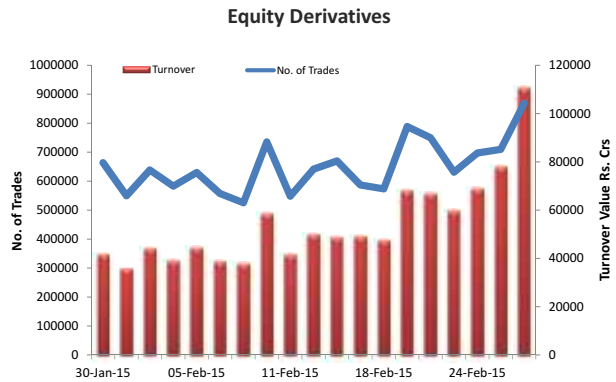
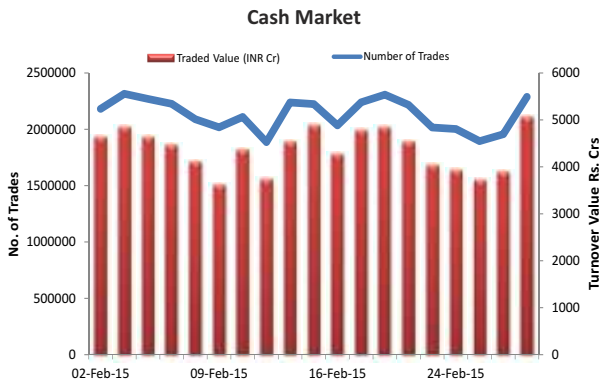


Equity Derivatives



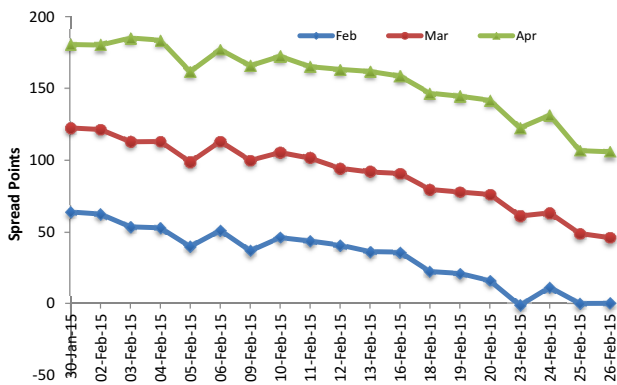
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i. Internet based trading turnover trend

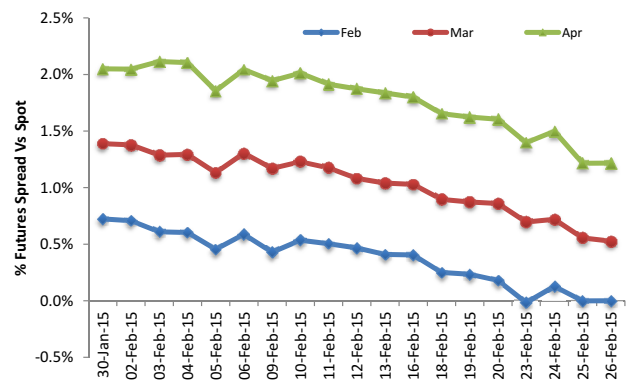


2. NIFTY FUTURES SPREADS

a. Nifty futures spread in points



b. Nifty futures spread in % age



3. INDICES CORRELATION MATRIX

INDEX	NIFTY	BANK NIFTY	CNX IT	CNX INFRA	CNX PSE	NIFTY MIDCAP 50	VIX
NIFTY	1.00	0.82	0.51	0.81	0.62	0.81	-0.57
BANK NIFTY	0.82	1.00	0.27	0.61	0.46	0.71	-0.67
CNX IT	0.51	0.27	1.00	0.22	-0.09	0.19	-0.20
CNX INFRA	0.81	0.61	0.22	1.00	0.79	0.84	-0.45
CNX PSE	0.62	0.46	-0.09	0.79	1.00	0.72	-0.31
NIFTY MIDCAP 50	0.81	0.71	0.19	0.84	0.72	1.00	-0.43
VIX	-0.57	-0.67	-0.20	-0.45	-0.31	-0.43	1.00

Correlation based on daily closing returns of the respective index

4. MOST ACTIVE STOCKS / CONTRACTS

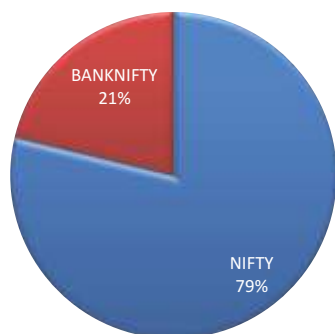
a. Top 5 stocks in cash market based on turnover

Sr. No.	Symbol	Gross Traded Quantity (Lacs)	Gross Traded Value (Rs. Cr.)	% Contribution
1.	SBIN	8278	24606	3.13%
2.	ICICIBANK	6262	21069	2.68%
3.	LT	1001	16751	2.13%
4.	AXISBANK	2756	15740	2.00%
5.	INFY	689	15527	1.98%

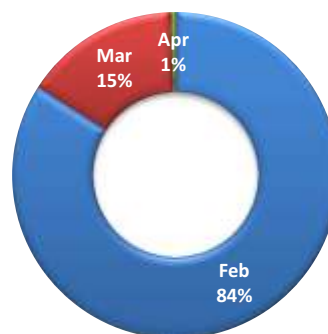
b. Top 5 stock futures contracts based on number of contracts traded

Sr. No	Symbol	No. of Contract traded	Turnover Rs. Crs	% Contribution
1	SBIN	987973	36923	5.1%
2	HDFCBANK	872440	23390	3.2%
3	AXISBANK	826065	23634	3.3%
4	RELIANCE	747074	16485	2.3%
5	ICICIBANK	629025	26451	3.6%

Nifty and Bank Nifty futures volumes



Nifty futures expiry wise trading volume

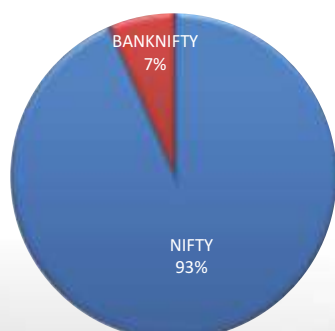


* No. of contracts traded between 30th Jan to 26th Feb

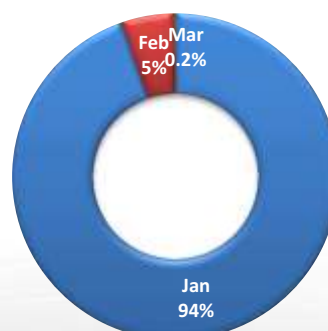
c. Top 5 stock options contracts based on no. of contracts traded

Sr. No	Symbol	No. of Contract traded	Turnover Rs. Crs	% Contribution
1	SBIN	603799	23311	8.5%
2	RELIANCE	464248	10670	3.9%
3	AXISBANK	402275	11910	4.3%
4	TATASTEEL	313220	6023	2.2%
5	LT	296083	12751	4.6%

Nifty and Bank Nifty volumes in options



Nifty options expiry wise trading volume



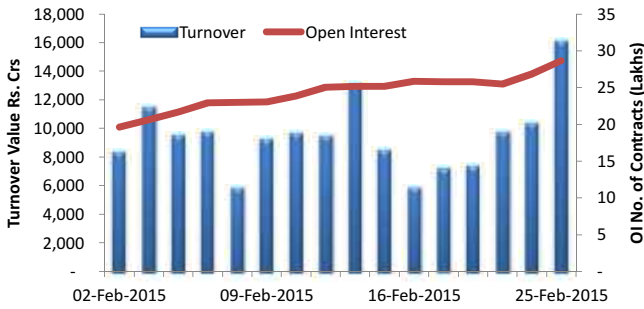
* No. of contracts traded between 30th Jan to 26th Feb

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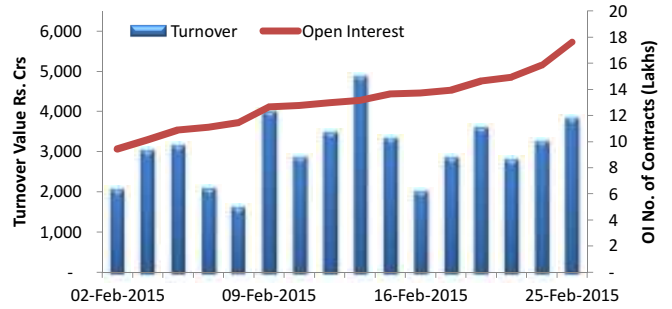
5. CURRENCY DERIVATIVES

a) Turnover and Open Interest

Currency Futures Turnover Vs Open Interest



Currency Options Turnover Vs Open Interest



Currency pair wise open interest

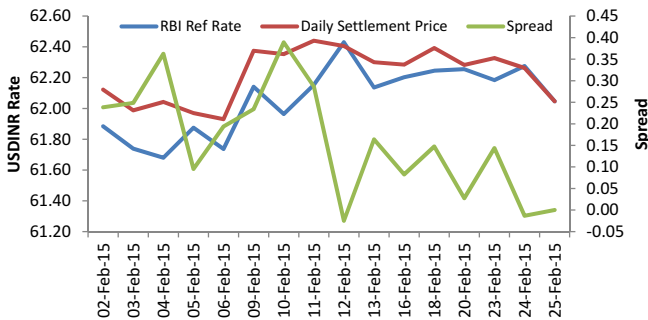


Currency pair wise turnover (Rs. Crs)

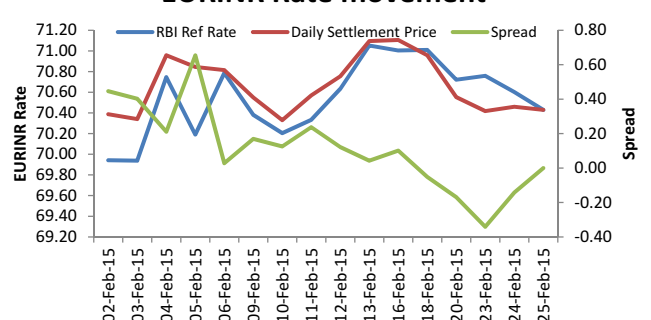


b) Spread between Currency Pairs on the exchange

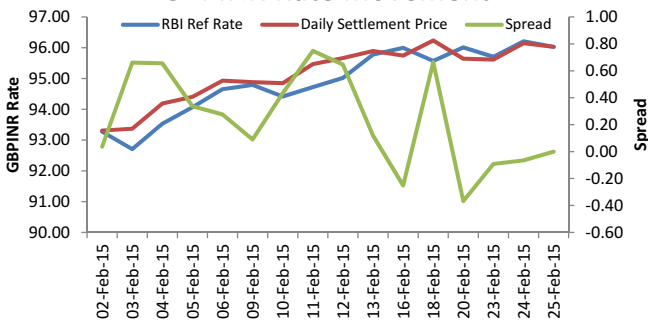
USDINR Rate movement



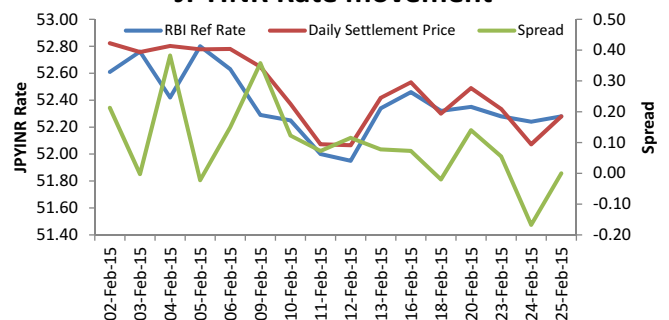
EURINR Rate movement

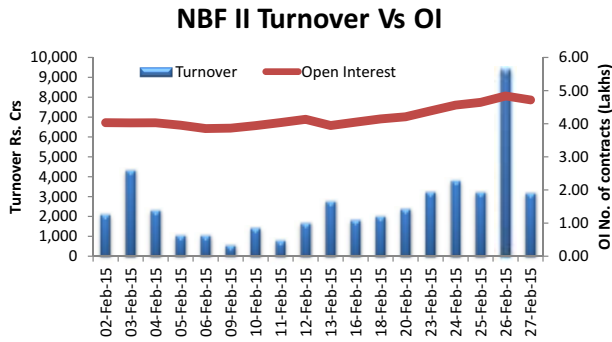
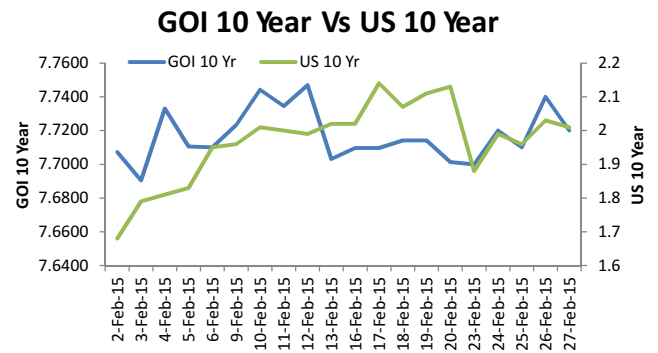
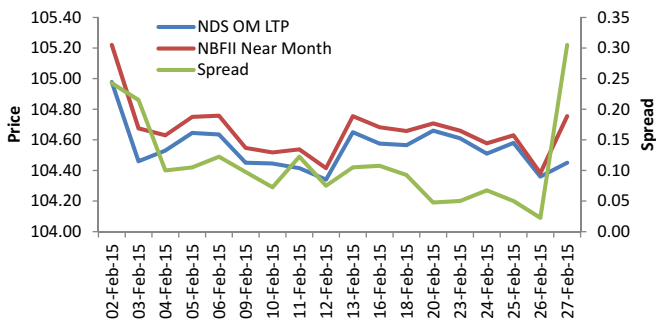
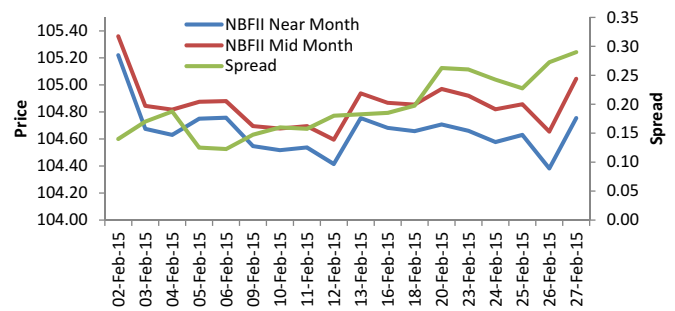


GBPINR Rate movement

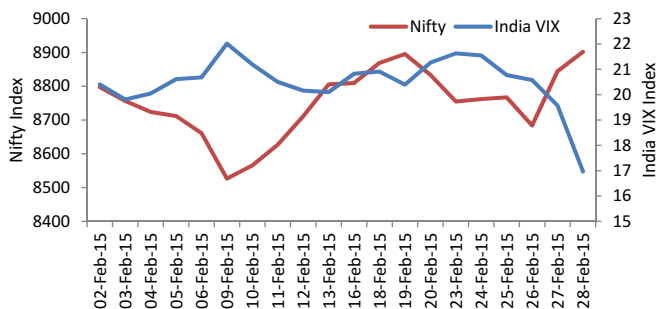
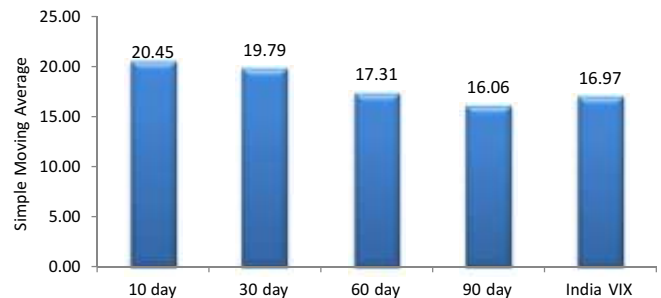


JPYINR Rate movement



6. NEW PRODUCTS CORNER
a) NBF II
Turnover and Open Interest

Comparison between 10 Year Treasury bonds

Spread between NBF II and NDS OM

Spread between NBF II near & mid month

b) IndiaVIX

- IndiaVIX closed at 16.97 on February 28, 2015
- IndiaVIX was down by 15.87% over 1 month
- During the month IndiaVIX was in the range of 16.97 to 22.12
- NVIX Futures volume during the month was at Rs. 13.7 Crs
- CBOE VIX on February 27, 2015 closed at 13.34

India VIX Vs Nifty Index

India VIX moving average


7. GLOBAL PERSPECTIVE

a. NSE global ranking

Equity Derivatives Instruments*	Jan-15
Index Options	1
Stock Futures	1
Index Futures	5
Stock Options	7

Nifty maintained its leadership position in index options category globally.

*Ranking in no. of contracts traded for the month Jan 15'.

Source: WFE website

b. Top 3 Exchanges in Stock futures Contracts

Rank	Name of the Exchange	No. of Contracts
1	National Stock Exchange India	22662120
2	Moscow Exchange	19519424
3	Korea Exchange	10052594

Top 3 Exchanges in Stock futures Turnover

Rank	Name of the Exchange	Turnover
1	National Stock Exchange India	116169
2	EUREX	27935
3	Korea Exchange	6302

Top 3 Exchanges in Index options

Rank	Name of the Exchange	No. of Contracts
1	National Stock Exchange India	181476667
2	EUREX	40009338
3	Korea Exchange	38037141

8. RECORD TURNOVER

Instrument	Turnover Rs. Crs	Date
Cash Market	40152	May 19, 2009
Index Futures	52213	May 16, 2014
Index Options	461864	Feb 26, 2015
Stock Futures	79214	Jan 28, 2015
Stock Options	28002	Apr 12, 2013
F&O Segment	581564	Feb 26, 2015
NBFII	9393	Feb 26, 2015

9. MONTHLY FEATURE

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circulars of your choice
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