



A Monthly review of Market Statistics  
November 2018



*May prosperity  
always bloom*

## Global Regulatory Scanner

European Central Bank releases a paper on “Insolvency Frameworks and Private Debt: An Empirical Investigation”

In the past five years there has been an increasing attention to the role that insolvency frameworks can play in addressing debt overhangs and in cleaning bank balance sheets from high levels of non-performing loans (NPL). Major international institutions (European Commission, OECD, and IMF) have redirected their analysis and policy recommendations towards reforms that target insolvency frameworks, and more generally improve the regulatory environment.

Insolvency frameworks are commonly considered “efficient” if they ensure that non-viable debt is quickly resolved while viable debt is effectively restructured in a sustainable way. Their “ex-ante” efficiency refers to the quality of legislation which sets out the conditions for initiating insolvency procedures or early restructuring, outlines creditor and debtor rights and obligations, and describes the steps to be followed once the procedure starts. Their “ex-post” efficiency refers to the actual, transparent and speedy implementation of the law. The paper shows that there is a very large heterogeneity in the efficiency of insolvency regimes in the euro area. While some countries (i.e. Finland, Ireland, Belgium, Netherlands) appear to be close to the OECD best performers others continue to perform very poorly, both in term of ex-ante and ex-post efficiency. Despite reforms having been significant in many euro area countries during the past five years, insolvency regimes continue to be biased towards liquidation rather than restructuring, which is often associated with lengthier processes and lower recovery rates.

The data used in the paper cover the period 2003 to 2016 for the OECD countries. A synthetic insolvency frameworks index (IFI) is derived by computing the simple average of four indicators collected by the World Bank: (1) the strength of legal rights in getting credits; (2) the recovery of debt in insolvency; (3) the cost of enforcing contracts and (4) the time of enforcing contracts. The synthetic indicator includes therefore aspects of ex-ante and ex-post efficiency of insolvency regimes as well as measures of efficiency of pre-insolvency regimes and legal rights of creditors.

The paper shows that OECD countries with better IFI deleverage faster and adjust their NPL levels more rapidly than countries with worse IFI. It also shows that there is a strong correlation between the level of NPL and IFI, which appears to be state-dependent, i.e. in a situation of high unemployment relative to its historical average the NPL ratio is generally lower for a higher IFI. Finally, the results indicate that better insolvency frameworks lead to faster NPL reductions and to lower NPL increases during economic bad times.

For more details see:

<https://www.ecb.europa.eu/pub/pdf/scpwps/ecb.wp2189.en.pdf?2424d2d8a8741e9911a61fcdec9712f5>

## Global News

German economy contracts in Q3 for the first time since 2015

The German economy contracted in the third quarter for the first time since Q1 2015 as global trade disputes and problems in the auto industry put the traditional growth engine of exports

into reverse, raising concerns that a long expansion is faltering. According to the Federal Statistics Office, gross domestic product (GDP) in Europe's biggest economy fell 0.2% quarter-on-quarter between July and September. The slight decline in GDP compared to the previous quarter was mainly due to foreign trade developments: provisional calculations show there were fewer exports, but more imports in the third quarter than in the second. As regards domestic demand, there were mixed signals. While gross fixed capital formation both in machinery and equipment and in construction was higher than in the previous quarter, final consumption expenditure of households declined. The German government had also flagged a weaker third quarter due to potential bottlenecks in the car industry, stemming from the introduction of new pollution standards, as an economic factor.

The 19-nation Eurozone saw its gross domestic product (GDP) rise by 0.2% QoQ and 1.7% YoY, the slowest pace in the last 4 years.

For more details, please see:

<https://www.bbc.com/news/business-46205805>

## **Key circular issued by SEBI in Nov 2018**

Disclosures regarding commodity risks by listed entities (SEBI: Nov 15, 2018)

Regulation 34(3) read with clause 9(n) of Part C of Schedule V of Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 (“SEBI LODR Regulations”) mandates listed entities to make disclosures regarding commodity price risk and hedging activities in the Corporate Governance Report section of the Annual Report of a listed entity.

In order to benefit the shareholders and to bring further clarity in disclosures to be made in the annual reports by listed entities, the Corporate Governance Committee formed under the Chairmanship of Shri Uday Kotak has recommended in its report dated October 5, 2017, the following:

- The listed entities should disclose their risk management activities during the year, including their commodity hedging positions in a more transparent, detailed and uniform manner for easy understanding and appreciation by the shareholders.
- For the consistent implementation of the requirements of the SEBI LODR Regulations regarding disclosure of commodity risks and other hedging activities across listed companies, a detailed format along with the periodicity of the disclosures may be outlined by SEBI which would depict the commodity risks they face, how these are managed and also the policy for hedging commodity risk, etc. followed by the company for the purpose of disclosures in the annual report.

These recommendation of the Committee was accepted by the SEBI Board in its meeting held on March 28, 2018 and it was decided to implement the same through a circular.

Accordingly, all listed entities shall make the disclosures in the format as placed at the Annexure as part of the Corporate Governance Report in the Annual Report under clause 9(n) of Part C of Schedule V.

To view the circular, please refer to:

[https://www.sebi.gov.in/web/?file=https://www.sebi.gov.in/sebi\\_data/attachdocs/nov-2018/1542276428802.pdf#page=1&zoom=auto,-24,792](https://www.sebi.gov.in/web/?file=https://www.sebi.gov.in/sebi_data/attachdocs/nov-2018/1542276428802.pdf#page=1&zoom=auto,-24,792)

## **Market Development and Issues**

Impact of sudden and unexpected fall in crude oil price on the Indian economy

The crude oil price (Brent spot price) has corrected by about 33 percent to slip below \$58/bbl in November 2018 from a high of almost \$86/bbl in the previous month. The sharp decline in crude oil prices is primarily because of a spurt in the crude oil supply on the back of increase in crude oil production in the US on a monthly basis, which has made the US the largest producer of crude oil in October 2018. The fears of a supply crunch from Iran have very little impact on crude oil prices, as the US allowed several countries, including India, to continue oil imports from Iran.

Being a net importer of crude oil, Indian economy has gained in multiple ways. As shown in the RBI fifth bi-monthly Monetary Policy Statement published on December 05, 2018, the outlook of the Indian economy has improved partly due to the fall in crude oil prices. In particular, retail inflation in India, measured by y-o-y change in CPI, is projected at 2.7-3.2 per cent in H2:2018-19 which is significantly lower than the previous forecast (3.9-4.5 per cent for the same period). The decline in crude oil prices is expected to boost India's aggregate demand by improving corporate earnings and raising private consumption through higher disposable incomes. A sharp cut in our import bill which is expected to reduce current account deficit is the biggest advantage of the fall in crude prices. All these have resulted in improve in sentiments of international investors and the portfolio flows turned positive in November. Consequently, the Indian currency has appreciated from Rs.73.63 per dollar (daily average) in October 2018 to Rs.71.85 per dollar (daily average) in November 2018.

Risks however continued. The medium-term outlook for crude oil prices is still uncertain due to global demand conditions and geo-political tensions (RBI fifth bi-monthly Monetary Policy Statement, December 05, 2018). This has resulted in the increase in volatility in the Indian stock markets, with the volatility index (VIX) at NSE rising significantly from 12.6 at the end of August 2018 to 19.2 in November 2018.

Reference:

Reserve Bank of India (December 05, 2018) Fifth Bi-monthly Monetary Policy Statement, 2018-19, Resolution of the Monetary Policy Committee (MPC).

<http://downloadpolicy1.rbi.org.in/PR1299F79751A8CCE34B0FB39CD7F124B61134.PDF>



## Performance of Broad Market Asset Class

	Exchange	Current Month	Previous Month	MOM Change	YOY Change	Mar'18 - Current	YTD Change
<b>EQUITY</b>							
<i>NIFTY 50</i>	NSE	10876.75	10386.60	4.72%	6.36%	7.54%	3.29%
<i>NIFTY BANK</i>	NSE	26862.95	25153.25	6.80%	6.04%	10.71%	5.18%
<i>NIFTY IT</i>	NSE	14638.05	14940.10	-2.02%	31.69%	17.00%	25.48%
<i>INDIA VIX</i>	NSE	19.16	19.80	-3.21%	41.42%	21.61%	51.24%
<i>DOWJONE</i>	NYSE	25538.46	25115.76	1.68%	5.22%	5.96%	3.31%
<i>NASDAQ</i>	NASDAQ	6949.01	6967.10	-0.26%	1.09%	-1.62%	0.66%
<i>FTSE 100</i>	CFD	6980.24	7128.10	-2.07%	-4.73%	-1.08%	-9.20%
<i>HANGSENG</i>	CFD	26506.75	24979.69	6.11%	-9.15%	-11.92%	-11.41%
<i>NIKKEI</i>	CFD	22351.06	21920.46	1.96%	-1.65%	4.18%	-1.82%
<b>COMMODITY</b>							
<i>GOLD</i>	CFD	1226.00	1212.30	1.13%	-3.71%	-7.32%	-6.15%
<i>SILVER</i>	CFD	14.22	14.23	-0.08%	-13.22%	-12.37%	-16.66%
<i>COPPER</i>	CFD	2.66	2.79	-4.45%	-13.87%	-11.79%	-18.81%
<i>ZINC</i>	CFD	2541.25	2479.75	2.48%	-19.52%	-22.46%	-23.42%
<i>ALUMINIUM</i>	CFD	1955.75	2053.00	-4.74%	-9.75%	-2.44%	-14.05%
<i>NICKEL</i>	CFD	11097.50	11542.50	-3.86%	-0.40%	-17.06%	-12.29%
<i>CRUDE- WTI</i>	CFD	50.93	65.31	-22.02%	-11.27%	-21.57%	-15.71%
<i>CRUDE- BRENT</i>	CFD	75.47	82.72	-8.76%	22.98%	7.40%	12.86%
<i>NATGAS</i>	CFD	4.61	3.26	41.43%	52.46%	68.75%	56.18%
<b>CURRENCY</b>							
<i>USDINR</i>	Real Time FX	69.65	73.96	-5.83%	8.00%	6.96%	9.10%
<i>EURUSD</i>	Real Time FX	1.13	1.13	0.04%	-4.93%	-8.16%	-5.68%
<i>USDJPY</i>	Real Time FX	113.47	112.94	0.47%	0.84%	6.77%	0.69%
<i>GBPUSD</i>	Real Time FX	1.28	1.28	-0.11%	-5.72%	-9.03%	-5.65%
<i>US Dollar Index</i>	Real Time FX	97.20	96.90	0.31%	4.51%	8.22%	5.84%
<b>MONEY MARKET</b>							
<i>10Y US BOND</i>	NYSE	2.99	3.15	-4.95%	23.93%	9.19%	24.45%
<i>10Y IND BOND</i>	NSE	7.61	7.85	-3.13%	7.72%	2.80%	3.95%

Source: in.investing.com

## Primary Market Statistics

### Capital Raised

Capital Raised in the Month	Rs Mn	USD Mn
Newly issued shares (IPOs)-	0	0.00
FPOs	0.00	0.00
Public issue of NCDs	737.11	10.58
Further Issues (FIs)	178846.52	2567.52
Total	1,79,583.63	2578.10

### Main Board Listing of the Month – Adani Gas Limited

Sector	Energy
Market Capitalisation (INR Crores)	8314.56
No of times subscribed	-
Listing Gains	-

### IPO's during the month

Sr. No.	Listing Date	Symbol	Company Name	Series
1	05-11-2018	ADANIGAS	Adani Gas Limited	EQ

## Secondary Market Statistics

### Institutional Flows

#### 1. Institutional Flows- CM Gross

Broad Category	Buy Value (Rs Crs)	Sell Value (Rs Crs)	Net (Rs Crs)
DII	62003.16	61988.57	14.59
FII	100288.81	94566.22	5722.59

#### 2. Institutional Flows- F&O Gross

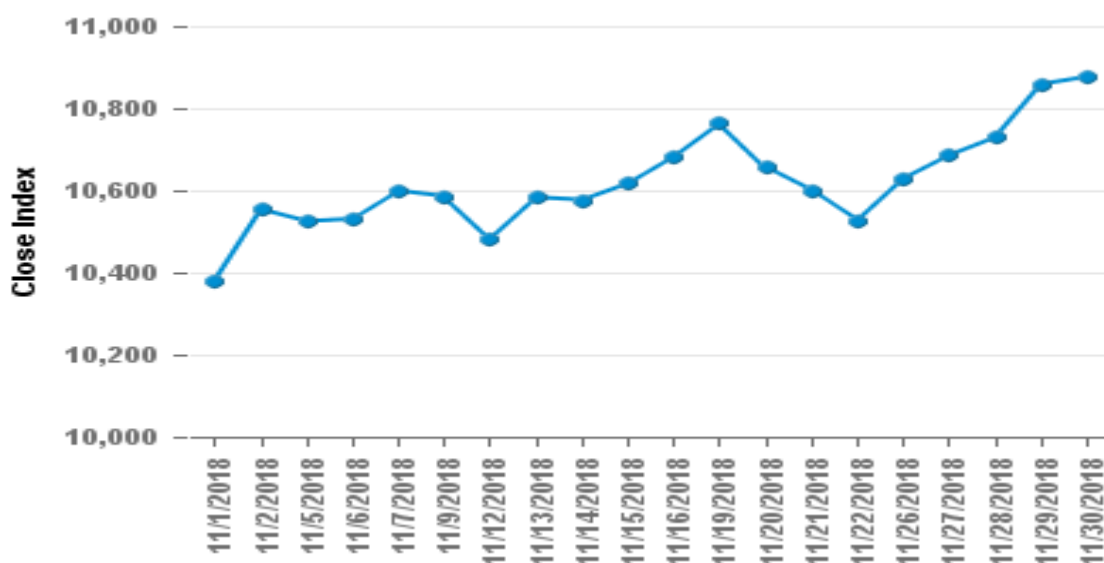
Broad Category	Buy Value (Rs Crs)	Sell Value (Rs Crs)	Net (Rs Crs)
DII	83977.57	84874.57	-897.00
FII	2388950.35	2364215.90	24734.46

#### 3. Institutional Flows- CDS Gross

Broad Category	Buy Value (Rs Crs)	Sell Value (Rs Crs)	Net (Rs Crs)
DII	14425.66	14680.04	-254.38
FII	71510.32	65148.45	6361.87

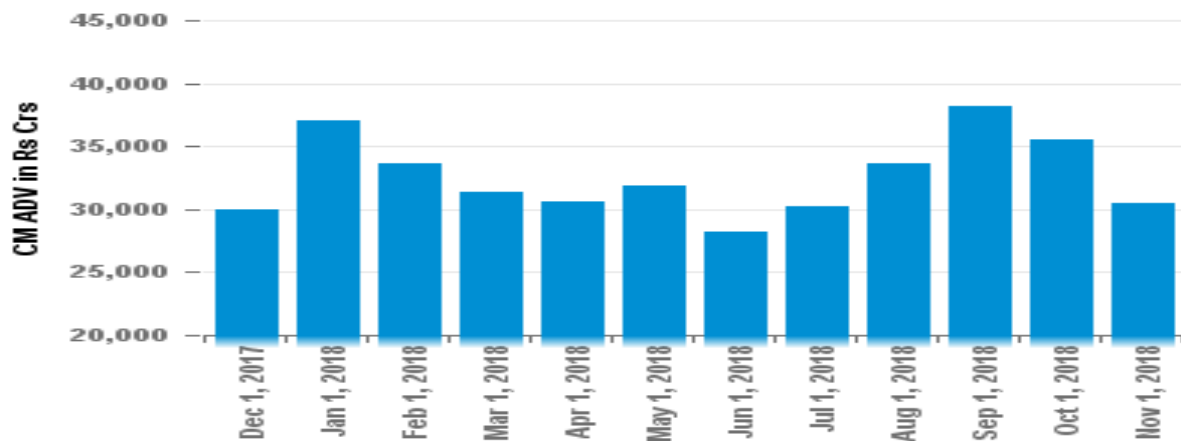
### Flagship Index “NIFTY 50” Statistics

Number of constituents :	51
Derivatives available :	YES
ETFs available :	14
PE	26.31
PB	3.44
Div Yield	1.22

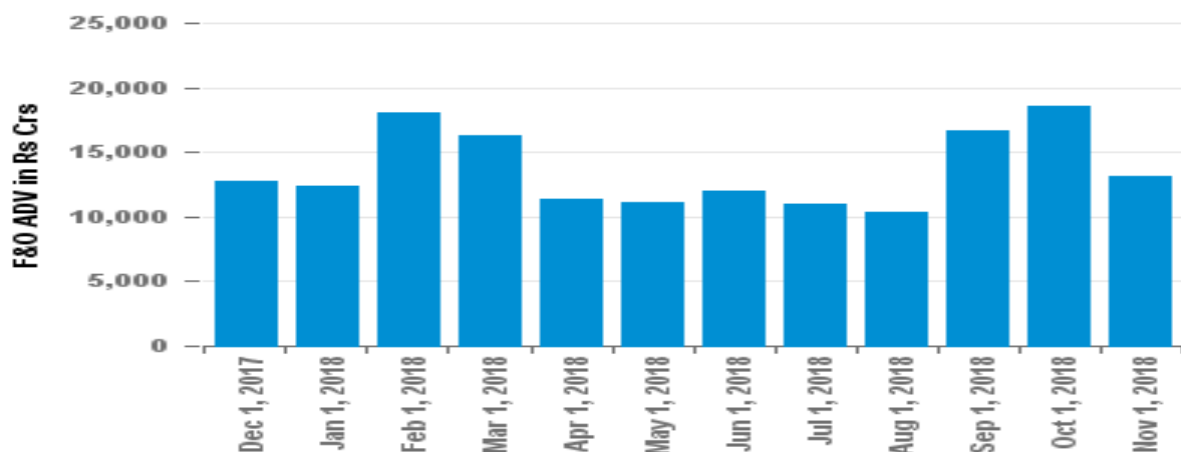


**Average Daily Turnover (INR Crores)**
**1. Equity Market**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
Cash Market	30548.72	35510.33	-13.97%	29416.08	32214.04	32731.18
Exchange Traded Funds	130.45	134.62	-3.10%	126.42	145.26	150.27
SME EMERGE	8.07	13.61	-40.73%	22.49	20.21	23.51
Sovereign Gold Bonds	0.54	0.80	-32.62%	0.35	0.47	0.47
InvITs	3.66	4.51	-18.86%	16.57	4.87	5.88
Mutual Funds (Close Ended)	0.88	0.10	739.39%	0.30	0.85	0.79


**2. Equity Derivatives - Index Futures**

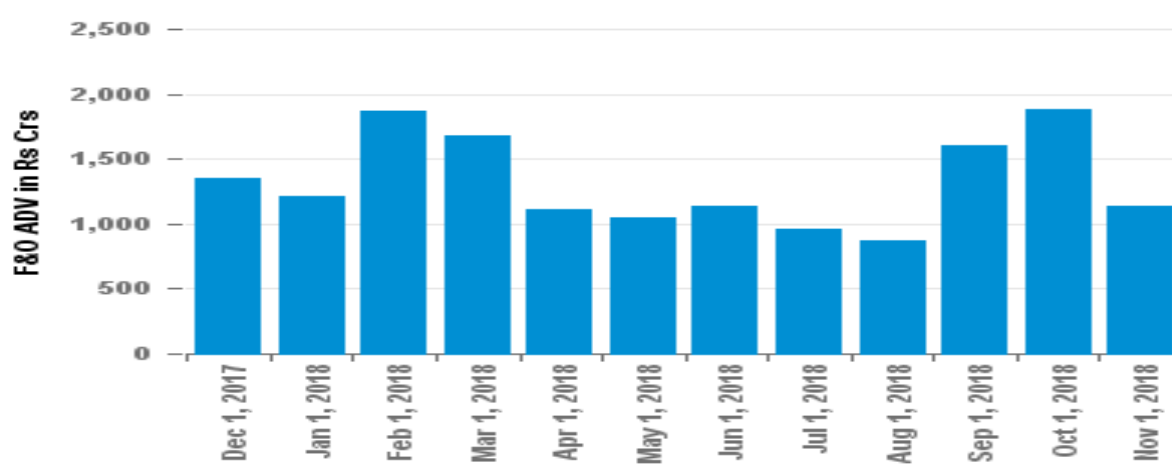
Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
BANKNIFTY	8889.23	13114.39	-32.22%	8031.17	10054.11	10091.08
NIFTY	13134.74	18590.79	-29.35%	11477.95	12904.75	13567.31
NIFTYCPSE	0.00	0.00	0.00	0.01	0.00	0.00
NIFTYINFRA	0.00	0.00	0.00	0.01	0.00	0.00
NIFTYIT	29.25	33.58	-12.90%	18.27	32.22	31.31
NIFTYPSE	0.00	0.00	0.00	0.01	0.00	0.00





### 3. Equity Derivatives - Index Options

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
BANKNIFTY	1332.51	1969.95	-32.36%	741.07	1330.43	1258.57
NIFTY	1134.16	1876.67	-39.57%	1131.48	1205.59	1301.80
NIFTYCPSE	0.00	0.00	0.00	0.00	0.00	0.00
NIFTYINFRA	0.00	0.00	0.00	0.00	0.00	0.00
NIFTYIT	0.00	0.00	-6.23%	0.00	0.00	0.00
NIFTYPSE	0.00	0.00	0.00	0.00	0.00	0.00

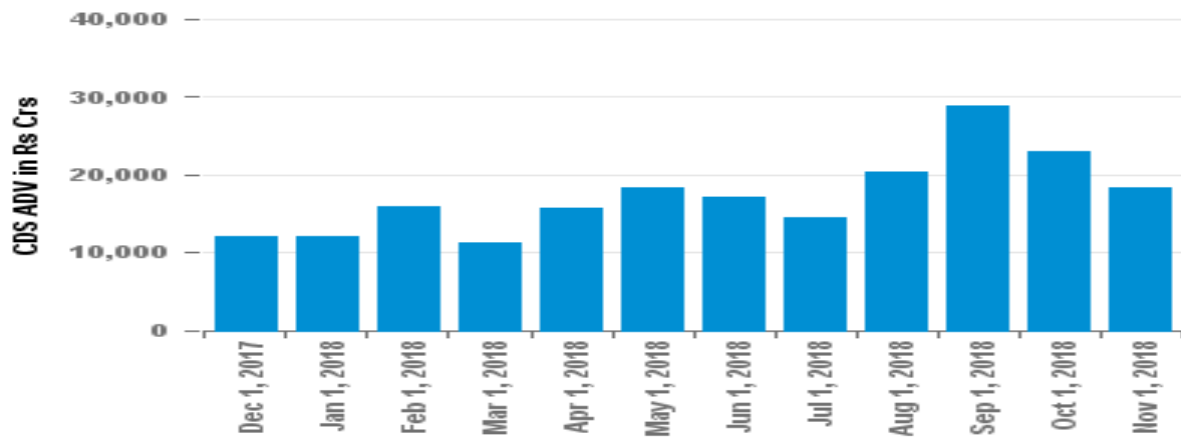


### 4. Currency Derivatives- Futures

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
EURINR	613.73	742.36	-17.33%	663.91	789.76	807.96
EURUSD	77.05	147.85	-47.89%	340.39	232.06	244.49
GBPINR	890.49	759.87	17.19%	803.35	911.89	938.97
GBPUSD	112.67	114.18	-1.32%	280.20	164.21	177.52
JPYINR	185.17	236.21	-21.61%	190.85	245.02	243.87
USDINR	16324.15	20907.93	-21.92%	9012.42	16965.10	15263.04
USDJPY	1.57	1.29	21.67%	18.31	6.55	7.90

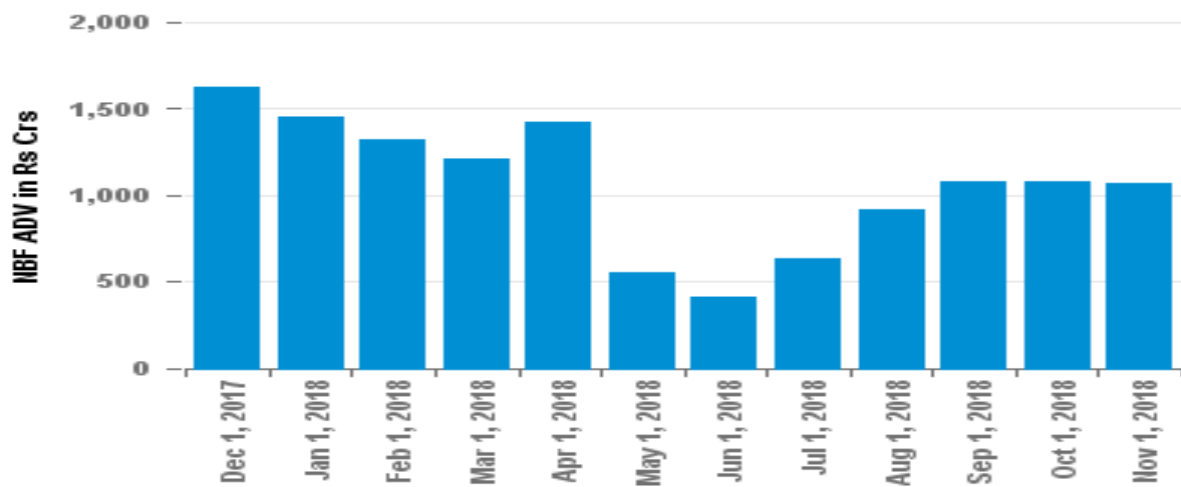
### 5. Currency Derivatives- Options

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
EURINR	0.00	0.01	-70.86%	0.19	0.05	0.06
EURUSD	0.00	0.00	-	0.00	0.00	0.00
GBPINR	0.01	0.01	52.39%	0.02	0.04	0.03
GBPUSD	0.00	0.00	-	0.00	0.00	0.00
JPYINR	0.00	0.00	214.69%	0.01	0.01	0.01
USDINR	82.00	64.06	28.02%	31.18	58.72	51.08
USDJPY	0.00	0.00	-	0.00	0.00	0.00



#### 6. NSE Bond Futures II

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
668GS2031	0.00	0.00	-	38.78	1.69	16.53
679GS2027	0.00	0.00	-100.00%	910.98	262.18	527.64
679GS2029	0.00	0.00	-	2.90	0.00	0.00
684GS2022	0.00	0.00	-	0.00	0.00	0.00
697GS2026			-	259.74	0.00	0.00
717GS2028	1067.73	1076.42	-0.81%	18.92	614.87	472.17
759GS2026			-	294.21		
759GS2029			-	0.00		0.00
761GS2030	0.00	0.00	-	14.96	0.00	1.35
768GS2023	0.00	0.00	-	0.00	0.00	0.00
772GS2025			-	0.00		
788GS2030	0.00	0.00	-	0.38	0.00	0.00
668GS2031	0.00	0.00	-	38.78	1.69	16.53



**Client Category Participation- Percentage contribution**
**1. Equity Market**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
Corporates	5.66%	7.11%	-34.78%	10.67%	6.86%	7.61%
DII	10.15%	10.95%	-24.06%	10.23%	10.36%	10.36%
FII	15.95%	16.08%	-18.73%	16.21%	15.51%	15.47%
Others	46.98%	43.15%	-10.80%	44.82%	45.96%	45.83%
PRO	21.26%	22.71%	-23.30%	18.07%	21.31%	20.73%

**2. Equity Derivatives**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
Corporates	12.55%	13.79%	-25.29%	8.46%	10.88%	10.90%
DII	0.46%	0.42%	-11.41%	0.47%	0.43%	0.44%
FII	12.91%	15.26%	-30.56%	11.55%	12.85%	12.88%
Others	38.96%	35.63%	-10.23%	37.16%	36.92%	36.16%
PRO	35.12%	34.90%	-17.39%	42.37%	38.92%	39.61%

**3. Currency Derivatives**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
Corporates	11.48%	10.46%	-3.75%	9.72%	11.48%	11.12%
DII	2.13%	2.17%	-13.88%	0.69%	1.65%	1.51%
FII	10.02%	11.79%	-25.48%	3.04%	8.52%	7.52%
Others	18.04%	17.12%	-7.61%	14.54%	16.39%	16.20%
PRO	58.31%	58.45%	-12.54%	72.01%	61.95%	63.66%

**4. NSE Bond Futures II**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
Corporates	24.30%	28.39%	-23.19%	20.40%	21.72%	20.76%
DII	2.73%	3.18%	-23.09%	2.58%	2.53%	2.41%
FII	4.25%	1.28%	197.89%	2.97%	2.23%	2.70%
Others	3.84%	2.17%	58.80%	4.45%	4.63%	4.83%
PRO	64.88%	64.97%	-10.38%	69.60%	68.89%	69.30%



**Asset Category wise Open Interest (Average Daily Volume)**
**1. Equity Derivatives**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
FUTSTK	4660139383	4775631885	-2.42%	4961728948	5182432859	5271827749
OPTSTK	1515304336	1300112240	16.55%	1623063743	1539095741	1613210217

**2. Equity Derivatives - Index Futures**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
BANKNIFTY	1719461.00	1686808.57	1.94%	283789.43	420555.42	2251710.27
NIFTY	25151396.25	22451539.29	12.03%	3961423.78	5870543.67	26346074.67
NIFTYCPSE		0.00		0.00	0.00	0.00
NIFTYINFRA		0.00		0.00	0.00	0.00
NIFTYIT	17225.00	35045.24	-50.85%	4392.07	6508.73	38255.09
NIFTYPSE		0.00		0.00	0.00	1.98

**3. Equity Derivatives - Index Options**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
BANKNIFTY	20422886.00	20095859.05	1.63%	3375897.40	5002835.90	20392747.43
NIFTY	115232768.75	123756746.43	-6.89%	19933118.09	29539440.06	129651160.51
NIFTYCPSE		88.24	-100.00%	6.10	10.56	24.75
NIFTYINFRA		0.00		0.00	0.00	0.00
NIFTYIT	325.00	52.38	520.45%	30.89	45.78	37.17
NIFTYPSE		0.00		0.00	0.00	0.00

**4. Currency Derivatives- Futures**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
EURINR	83048.63	114241.95	-27.30%	133745.66	121643.06	136462.87
EURUSD	29600.32	26627.76	11.16%	16166.76	27514.91	26212.67
GBPINR	41371.68	50381.95	-17.88%	66993.99	65097.96	71351.38
GBPUSD	4156.26	5578.76	-25.50%	7937.71	9563.36	9376.81
JPYINR	30233.53	38221.48	-20.90%	31363.55	38370.32	39380.17
USDINR	2400034.16	4019920.76	-40.30%	2070109.54	3367733.92	3077430.29
USDJPY	248.89	349.67	-28.82%	3077.71	1504.52	1685.05

**5. Currency Derivatives- Options**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
EURINR	614.84	2049.14	-70.00%	17169.62	6846.15	8030.81
EURUSD	0.00	0.00		88.10	29.59	36.30
GBPINR	1957.95	1327.33	47.51%	1144.67	4196.74	3846.50
GBPUSD	0.00	0.00		10.86	0.00	1.25
JPYINR	196.00	56.33	247.93%	7705.33	1729.48	2415.23
USDINR	3015129.63	2441877.05	23.48%	3075539.38	2663878.97	2593241.67
USDJPY	0.00	0.00		0.90	0.00	0.10

**6. NSE Bond Futures II**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
668GS2031	0.00	0.00		5747.07	169.86	2207.68
679GS2027	0.00	0.81	-100.00%	66951.66	23688.47	40879.91
679GS2029	0.00	0.00		151.84	0.00	0.00
684GS2022	0.00	0.00		0.00	0.00	0.00
697GS2026				27007.49	0.00	0.00
717GS2028	76877.95	80792.52	-4.85%	2099.39	55717.22	42879.15
759GS2026				27253.15		
759GS2029				0.00		0.00
761GS2030	0.00	0.00		7778.93	0.00	497.74
768GS2023	0.00	0.00		0.00	0.00	0.00
772GS2025				0.00		
788GS2030	0.00	0.00		254.98	0.00	0.00

**Internet Based Trading Turnover (Average Daily Volume)**

Product	Current Month	Previous Month	Change	Previous FY	Current FY	YTD
Cash market	4919.51	5282.92	-6.88%	4126.08	5022.34	5033.61
Equity Derivatives	141835.84	145882.46	-2.77%	92016.81	137305.01	130939.36
Currency Derivatives	3066.01	3056.92	0.30%	1235.54	2628.80	2337.84
NBFII	31.33	15.53	101.82%	22.88	23.54	22.07

**Record Statistics**

Instrument	Turnover Rs. Crs	Date
Equity Turnover	66051.37	21, Sep, 2018
Index Futures	58105.67	29, September, 2016
Stock Futures	195433.08	25, January, 2018
Index Options Premium	6443.05	06, February, 2018
Stock Options Premium	1398.08	21, Sep, 2018

**Important Links –**

Mode of Trading Cash Market -

[https://nseindia.com/products/content/equities/equities/mode\\_of\\_trading.htm](https://nseindia.com/products/content/equities/equities/mode_of_trading.htm)

Mode of Trading Equity Derivative Market –

[https://nseindia.com/products/content/derivatives/equities/mode\\_of\\_trading.htm](https://nseindia.com/products/content/derivatives/equities/mode_of_trading.htm)

Disclaimer:

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