SEBI BULLETIN

DECEMBER 2017 VOL. 15 NUMBER 12

भारतीय प्रतिभूति और विनिमय बोर्ड

Securities and Exchange Board of India

SECURITIES AND EXCHANGE BOARD OF INDIA

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CAPITAL MARKET REVIEW

I. Trends in Primary Market

A. Public and Rights Issues

Resource mobilisation through primary securities market continued during November 2017. During the month under review, the primary market witnessed 20 issues that mobilised ₹ 19,496 crore as compared to 11 issues that mobilised ₹ 18,608 crore during October 2017. There were 15 initial public offerings (IPOs) of equity issues that raised ₹ 18,919 crore and one follow-on public offering (FPO) that raised ₹ 13 crore. There was four rights issues that raised ₹ 564 crore during the month.

Exhibit 1: Primary Market Trends (Public & Rights Issues)

Items	Nov-17		Oct-17		2017-18$		2016-17$	
	No. of Issues	Amount (₹ crore)	No. of Issues	Amount (₹ crore)	No. of Issues	Amount (₹ crore)	No. of Issues	Amount (₹ crore)
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
a. Public Issues	16	18,932	9	16,205	122	66,644	75	47,027
(i) Debt	0	0	0	0	4	3,896	10	23,893
(ii) Equity, of which								
IPOs	15	18,919	9	16,205	117	62,736	65	23,134
FPOs	1	13	0	0	1	13	0	0
b. Rights Issues	4	564	2	2,403	12	3,675	5	1,298
Total Equity Issues a(ii)+b	20	19,496	11	18,608	130	66,423	70	24,432
Grand Total (a + b)	**20**	**19,496**	**11**	**18,608**	**134**	**70,319**	**80**	**48,324**

Notes: *1. IPOs - Initial Public Offers (IPOs include SME IPOs), FPOs - Follow on Public Offers*
2. Amount raised through debt issues for the last two months are provisional.
$ denotes as at the end of November of the respective years

B. Private Placement

1. QIPs Listed at BSE and NSE

Qualified Institutional Placement (QIP) is an alternative mode of resource raising available for listed companies to raise funds from domestic market. In a QIP, a listed issuer issues equity shares or non-convertible debt instruments along with warrants and convertible securities other than warrants to Qualified Institutional Buyers only. There were seven QIP issues during November 2017 which raised ₹ 2,741 crore compared to six QIP issues during October 2017 which raised ₹ 7,280 crore (*Table 10*).

2. Preferential Allotments Listed at BSE and NSE

Preferential allotment also serves as an alternative mechanism of resource mobilization wherein a listed issuer issues shares or convertible securities to a select group of persons. There were 29 preferential allotments (amounting to ₹ 1,513 crore) listed at BSE and NSE together during November 2017, compared to 23 preferential allotments (amounting to ₹ 3,128 crore) during October 2017 (*Table 11*).

3. Private Placement of Corporate Debt

Private placement mechanism dominates the resource mobilization through corporate bonds. During November 2017, ₹ 50,855 crore was raised through private placement of 145 issues in the corporate bond market. There was no public issue of debt during the month (*Table 12 and Exhibit 1A*).

Total amount mobilised through public issues and private placement of both debt and equity combined stood at ₹ 74,605 crore in November 2017 as compared to ₹ 73,162 crore in October 2017.

Exhibit 1A: Total Resources Mobilised by Corporate Sector (₹ crore)

Month	Equity Issues			Debt Issues			Total Resource Mobilisation (4+7)
	Public & Rights	Private Placements	Total (2+3)	Public	Private Placements	Total (5+6)	
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
2016-17	**32,517**	**52,614**	**85,132**	**29,363**	**6,40,715**	**6,70,077**	**7,55,209**
2017-18$	**66,423**	**78,344**	**1,44,767**	**3,896**	**4,18,953**	**4,22,848**	**5,67,615**
Apr-17	1,232	7,041	8,273	1,969	63,819	65,787	74,060
May-17	1,480	9,675	11,155	0	33,389	33,389	44,544
Jun-17	5,632	19,825	25,457	0	75,337	75,337	1,00,794
Jul-17	1,108	3,335	4,443	1,713	49,033	50,746	55,189
Aug-17	1,705	6,367	8,072	215	51,552	51,767	59,838
Sep-17	17,163	17,439	34,602	0	50,821	50,821	85,423
Oct-17	18,608	10,408	29,015	0	44,146	44,146	73,162
Nov-17	19,496	4,254	23,750	0	50,855	50,855	74,605

Notes: a. *Private placement of Equity includes, amount raised through preferential allotments, QIP and IPP mechanism.*
b. *Public Equity Issues includes IPO, FPO & Rights issues of common equity shares.*
c. *Data pertaining to Debt Issue of November 2017 are provisional*

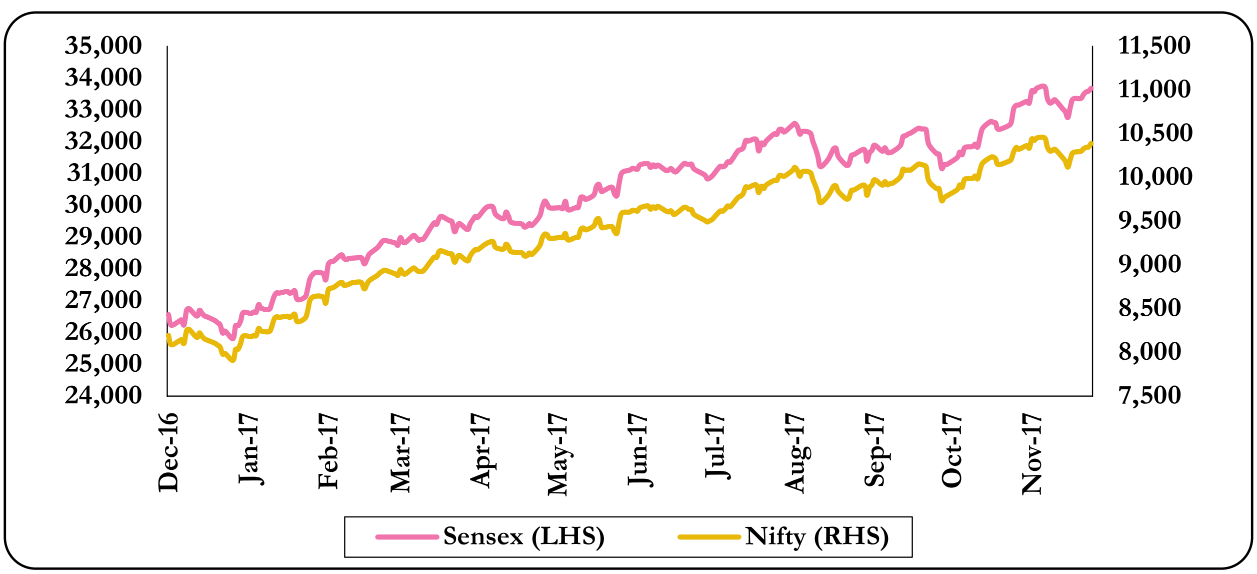
II. Resource Mobilisation by Mutual Funds

During November 2017, there was a net inflow of ₹ 1,26,173 crore into the mutual funds industry as compared to a net inflow of ₹ 51,148 crore during October 2017. In the month under review, there was net inflow of ₹ 85,936 crore into income / debt oriented schemes and a net inflow of ₹ 20,309 crore into growth / equity oriented schemes. Balanced schemes recorded inflow of ₹ 7,614 crore. Exchange traded funds witnessed net inflow of ₹ 12,357 crore of which there was an outflow of ₹ 89 crore from gold ETFs and an inflow of ₹ 12,446 crore in other ETFs. The Fund of funds schemes investing overseas recorded net outflow of ₹ 44 crore. The cumulative net assets under management by all mutual funds increased by 6.4 per cent to ₹ 22,79,032 crore at the end of November 2017 from ₹ 21,41,346 crore at the end of October 2017 (***Tables 52 & 54***).

III. Trends in the Secondary Market

The Indian stock market witnessed mild correction during the month under review. At the end of November 2017, S&P BSE Sensex closed at 33,149 witnessing 0.2 per cent fall from its last month's closing at 33,213. The Nifty 50 also fell 1.1 per cent to close at 10,227 at the end of November 2017 compared to previous month's closing at 10,335 (*Figure 1*). S&P BSE Sensex touched its intraday high of 33,866 on November 07, 2017 and Nifty 50 touched its intraday highs of 10,491 on November 06, 2017. Both Sensex and Nifty touched their intraday lows of 32,684 and 10,094 respectively on November 15, 2017.

Figure 1: Movement of Sensex and Nifty



Market capitalisation of BSE increased by 1.4 per cent to ₹ 1,45,96,656 crore at the end of November 2017, from ₹ 1,43,91,546 crore at the end of October 2017. Market capitalization at NSE also increased to ₹ 1,43,92,501 crore from ₹ 1,42,08,617 crore during the same period witnessing a gain of 1.3 per cent. The P/E ratios of S&P BSE Sensex and Nifty 50 were 24.4 and 26.2 respectively at the end of November 2017 compared to 24.8 and 26.4 respectively a month ago (*Exhibit 2*).

Exhibit 2: The Basic Indicators in Cash Segment

	2017-18$	2016-17	Nov-17	Oct-17	Percentage change over previous month
1	*2*	*3*	*4*	*5*	*6*
A. Indices					
S&P BSE Sensex	**33,149**	**29,621**	33,149.4	33,213.1	-0.2
Nifty 50	**10,227**	**9,174**	10,226.6	10,335.3	-1.1
B. Market Capitalisation					
BSE	**1,45,96,656**	**1,21,54,525**	1,45,96,656	1,43,91,546	1.4
NSE	**1,43,92,501**	**1,19,78,421**	1,43,92,501	1,42,08,617	1.3
C. Gross Turnover					
BSE	**7,04,624**	**9,98,261**	1,22,709	77,997	57.3
NSE	**45,87,421**	**50,55,913**	7,35,187	6,07,452	21.0
D. P/E Ratio					
S&P BSE Sensex	**24.4**	**22.6**	24.4	24.8	-1.5
Nifty 50	**26.2**	**23.3**	26.2	26.4	-0.8
E. No. of Listed Companies					
BSE	**5,696**	**5,834**	5,696	5,680	0.3
NSE	**1,885**	**1,817**	1,885	1,873	0.6

Note: *$ denotes as at the end of November 2017*
Source: *BSE, NSE*

The monthly turnover of BSE (cash segment) increased by 57.3 per cent to ₹ 1,22,709 crore in November 2017 from ₹ 77,997 crore in October 2017. This hike in turnover was due to execution of two bulk deals of shares of Bharati Airtel Ltd. amounting to ₹ 19,671 crore on November 03, 2017 and November 08, 2017. The monthly turnover of NSE (cash segment), on the other hand rose by 21.0 per cent to ₹ 7,35,187 crore in November 2017 from ₹ 6,07,452 crore in October 2017.

Figure 2: Trends in Average Daily Values of Sensex and BSE Turnover

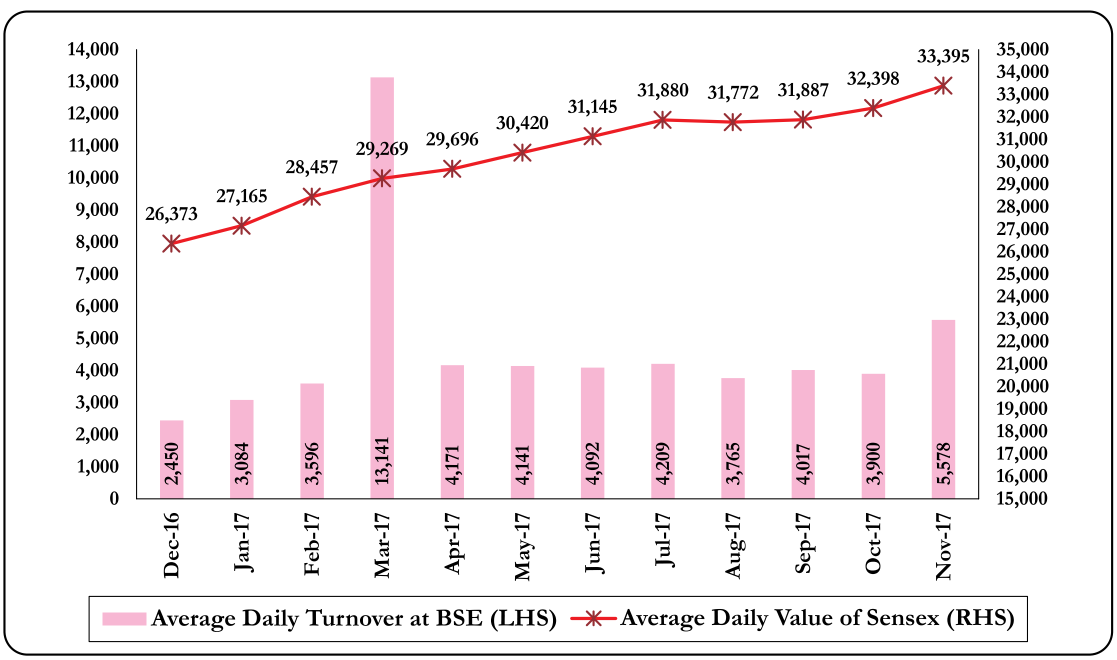
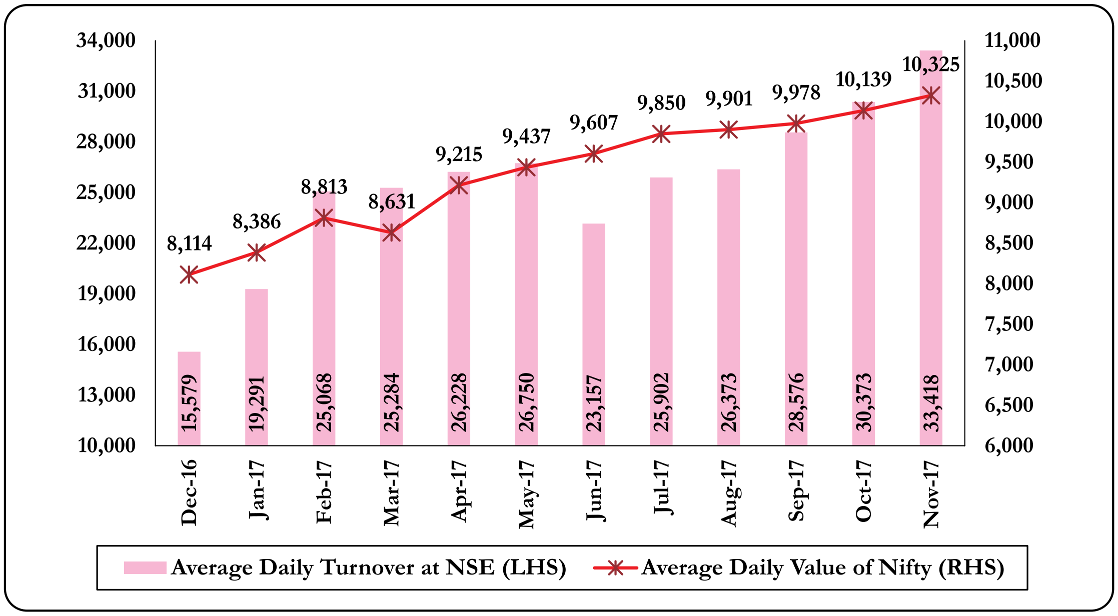


Figure 3: Trends in Average Daily Values of Nifty and NSE Turnover



Indian securities market showed mixed trend during the month under review. Among BSE indices, in November 2017, S&P BSE Consumer Durables index increased the most (16.2 per cent), followed by S&P BSE Small Cap index (3.6 per cent) and S&P BSE Teak index (1.8 per cent). S&P BSE Metal, on the other hand, fell by 5.6 per cent followed by S&P BSE PSU (2.3 per cent) and S&P BSE Healthcare (2.0 per cent). As regards NSE indices, Nifty Media index rose the most (5.3 per cent) followed by Nifty IT index (2.6 per cent) and Nifty PSU Bank index (1.9 per cent). Nifty Pharma, on the other hand fell by 5.3 per cent followed by Nifty 50 (1.0 per cent) and Nifty 100 (0.8 per cent). Among BSE indices the S&P BSE Consumer Durable index recorded the highest daily volatility (2.1 per cent), followed by S&P BSE Metal index (1.2 per cent) and S&P BSE Healthcare index (1.1 per cent) during the month under review. At NSE during the same period, daily volatility of Nifty PSU Bank index was 2.1 per cent, followed by Nifty Pharma index (1.4 per cent) and Nifty Media index (1.0 per cent) (*Exhibit 3*).

Exhibit 3: Performance of Indices at BSE and NSE during November 2017 (Per cent)

BSE			NSE		
Index	Change over Previous month	Volatility	Index	Change over Previous month	Volatility
1	*2*	*3*	*4*	*5*	*6*
S&P BSE Sensex	-0.19	0.61	Nifty 50	-1.05	0.58
S&P BSE 100	-0.66	0.58	Nifty Next 50	0.42	0.73
S&P BSE 200	-0.30	0.57	Nifty 100	-0.84	0.59
S&P BSE 500	0.06	0.57	Nifty 200	-0.36	0.59
S&P BSE Large Cap	-0.93	0.58	Nifty 500	0.01	0.58
S&P BSE Small Cap	3.57	0.69	Nifty Midcap 50	1.73	0.80
S&P BSE Consumer Durables	16.22	2.15	Nifty Midcap 100	1.62	0.70
S&P BSE Capital Goods	0.17	0.77	Nifty Small 100	1.90	0.82
S&P BSE Bankex	1.23	0.84	Nifty Bank	1.25	0.78
S&P BSE Teck	1.77	0.69	Nifty IT	2.56	0.84
S&P BSE FMCG	0.56	0.60	Nifty FMCG	0.52	0.69
S&P BSE Metal	-5.62	1.20	Nifty Pharma	-5.30	1.45
S&P BSE PSU	-2.32	0.81	Nifty PSU Bank	1.91	2.06
S&P BSE Power	-1.21	0.83	Nifty Media	5.32	1.02
S&P BSE Healthcare	-2.04	1.14	Nifty MNC	-0.16	0.63

Source: Bloomberg

IV. Trends in Depository Accounts

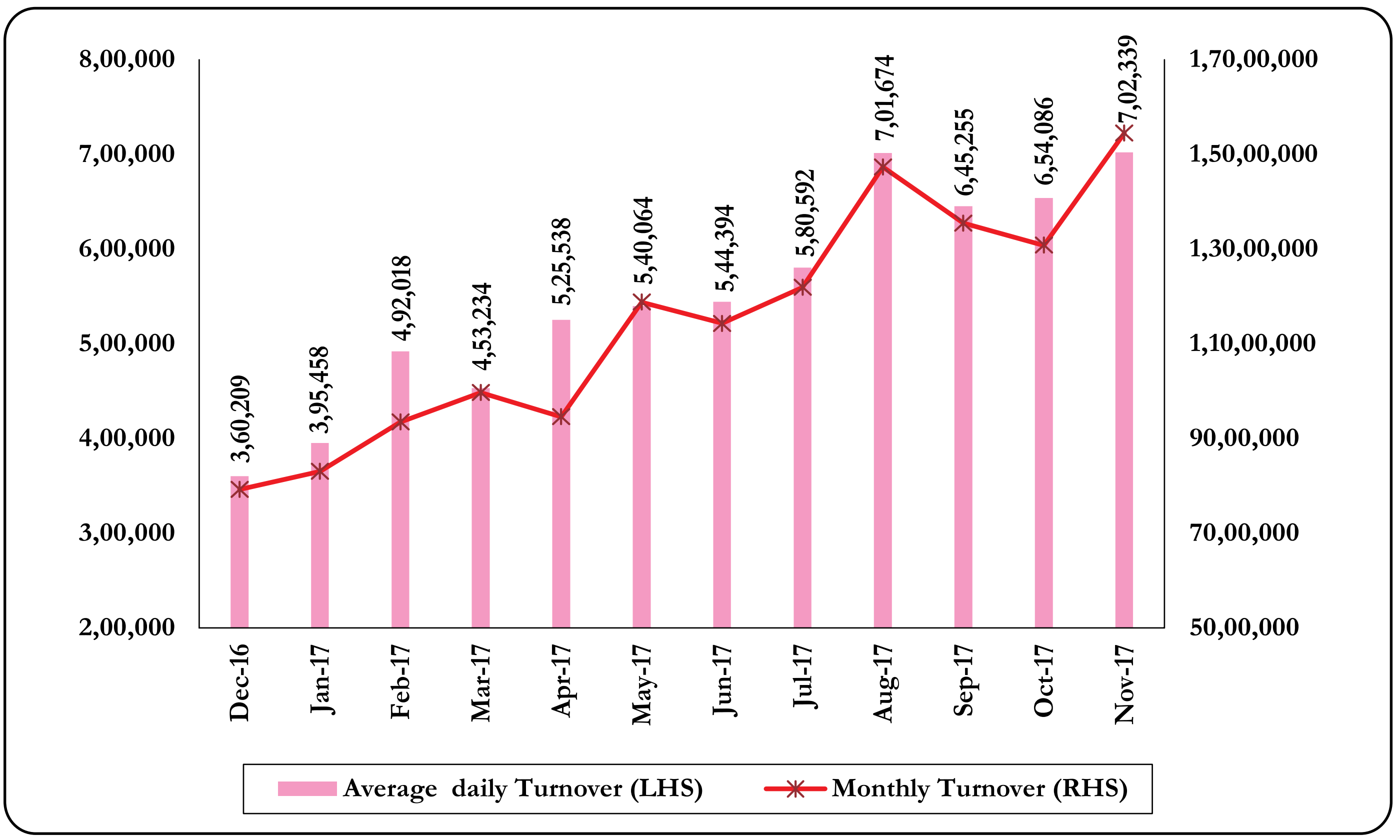
The total number of investor accounts at the end of November 2017 was 166 lakh at NSDL (an increase of 0.9 per cent over October 2017) and 139 lakh at CDSL (an increase of 1.9 per cent over October 2017). The number of investor accounts increased by 9.1 per cent at NSDL and by 18.7 per cent at CDSL over the number of investor accounts at the respective depositories in November 2016 (*Table 58*).

V. Trends in Derivatives Segment

A. Equity Derivatives

India is one of the most vibrant markets for exchange traded equity derivatives in the world. The monthly total turnover in equity derivatives market at NSE increased by 18.1 per cent to ₹ 1,54,51,469 crore during November 2017 from ₹ 1,30,81,715 crore during October 2017 (*Figure 4*). During the month under review options on index accounted for about 81.1 per cent of the total turnover in the F&O segment at NSE. In October 2017, monthly turnover of index futures and stock futures increased by 5.5 per cent and 10.7 per cent, respectively. Monthly turnover of put options on index and call options on index increased by 17.2 per cent and 22.6 per cent, respectively. Monthly turnover of put options on stock and call options on stock increased by 7.8 per cent and 11.1 per cent, respectively. The open interest in value terms in the equity derivative segment of NSE increased by 16.5 per cent to ₹ 2,93,505 crore as on November 30, 2017 from ₹ 3,51,391 crore as on October 31, 2017 (**Table 31**).

Figure 4: Trends of Equity Derivatives Segment at NSE (₹ crore)



The monthly total turnover in equity derivative segment of BSE was ₹ 2 crore in November 2017, compared to ₹ 3 crore in October 2017. The open interest in value terms in equity derivatives segment of BSE decreased to ₹ 0.3 crore as on November 30, 2017 from ₹ 0.7 crore as on October 31, 2017 *(Exhibit 4 and Table 30)*.

Exhibit 4: Trends in Equity Derivatives Market

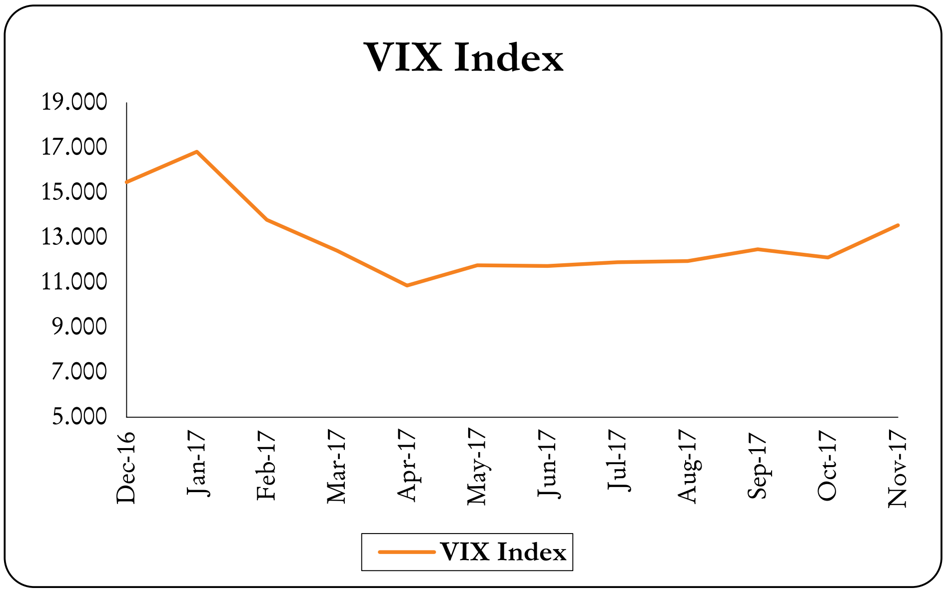
Particular	NSE			BSE		
	Oct-17	Nov-17	Percentage Change Over Month	Oct-17	Nov-17	Percentage Change Over Month
1	*2*	*3*	*4*	*5*	*6*	*7*
A. Turnover (₹ crore)						
(i) Index Futures	3,58,296	3,77,959	5.5	0	0	-100.0
(ii) Options on Index						
Put	50,62,586	59,31,258	17.2	0	0	NA
Call	56,19,656	68,87,014	22.6	0	0	NA
(iii) Stock Futures	12,61,300	13,96,413	10.7	3	2	-33.9
(iv) Options on Stock						
Put	2,34,378	2,52,659	7.8	0	0	NA
Call	5,45,499	6,06,165	11.1	0	0	NA
Total	**1,30,81,715**	**1,54,51,469**	**18.1**	**3**	**2**	**-35.8**
B. No. of Contracts						
(i) Index Futures	42,38,220	43,78,831	3.3	1	0	-100.0
(ii) Options on Index						
Put	5,75,94,920	6,46,19,921	12.2	0	0	NA
Call	6,14,61,946	7,29,49,308	18.7	0	0	NA
(iii) Stock Futures	1,68,36,256	1,96,00,435	16.4	21	24	14.3
(iv) Options on Stock						
Put	30,70,077	35,18,583	14.6	0	0	NA
Call	33,15,699	78,77,171	137.6	0	0	NA
Total	**14,65,17,118**	**17,29,44,249**	**18.0**	**22**	**24**	**9.1**
C. Open Interest in terms of Value (₹ crore)						
(i) Index Futures	29,945	22,072	-26.3	0	0	NA
(ii) Options on Index						
Put	1,03,407	81,338	-21.3	0	0	NA
Call	75,181	65,341	-13.1	0	0	NA
(iii) Stock Futures	1,15,975	1,14,572	-1.2	1	0	-60.3
(iv) Options on Stock						
Put	9,617	3,538	-63.2	0	0	NA
Call	17,266	6,645	-61.5	0	0	NA
Total	**3,51,391**	**2,93,505**	**-16.5**	**1**	**0**	**-60.3**
D. Open Interest in terms of No of Contracts						
(i) Index Futures	3,73,671	2,75,849	-26.2	0	0	NA
(ii) Options on Index						
Put	12,64,658	10,23,746	-19.0	0	0	NA
Call	9,10,518	8,12,213	-10.8	0	0	NA
(iii) Stock Futures	17,06,526	17,03,816	-0.2	11	4	-63.6
(iv) Options on Stock						
Put	1,36,588	51,346	-62.4	0	0	NA
Call	2,50,234	96,258	-61.5	0	0	NA
Total	**46,42,195**	**39,63,228**	**-14.6**	**11**	**4**	**-63.6**

B. VIX Futures at NSE

NSE introduced futures contracts on India VIX in the Futures & Options segment of NSE w.e.f. February 26, 2014. It is a volatility index based on the NIFTY Index Option prices. From the best bid-ask prices of NIFTY Options contracts, a volatility figure (in percentage) is calculated which indicates the expected market volatility over the next 30 calendar days. This volatility index is a measure of market expectations of near-term. The contract symbol is INDIAVIX and 3 weekly futures contracts were made available for trading. The contracts shall expire on every Tuesday. The tick size is 0.25 and lot size is 550.

India VIX closed at 13.55 at the end of November 2017, higher than 12.11 registered at the end of October 2017 (***Figure 5***). There was no trade in VIX futures contract in the current financial year. The open interest in India VIX contracts was zero at the end of October 2017.

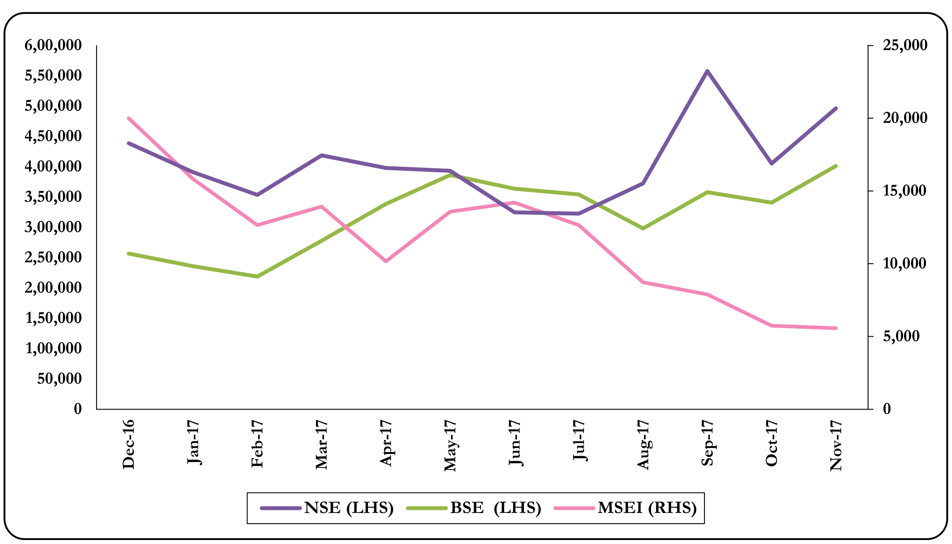
Figure 5: Trends in VIX futures at NSE



C. Currency Derivatives at NSE, BSE and MSEI

The monthly turnover of currency derivatives at NSE during November 2017 increased by 22.5 per cent to ₹ 4,05,188 crore from ₹ 4,05,188 crore in October 2017. During the same time the monthly turnover of currency derivatives at BSE also increased by 17.7 per cent to ₹ 4,01,253 crore from ₹ 3,40,848 crore and the monthly turnover of currency derivatives at MSEI decreased by 3.1 per cent to ₹ 5,565 crore from ₹ 5,742 crore (*Figure 6 and Tables 37, 38 and 39*).

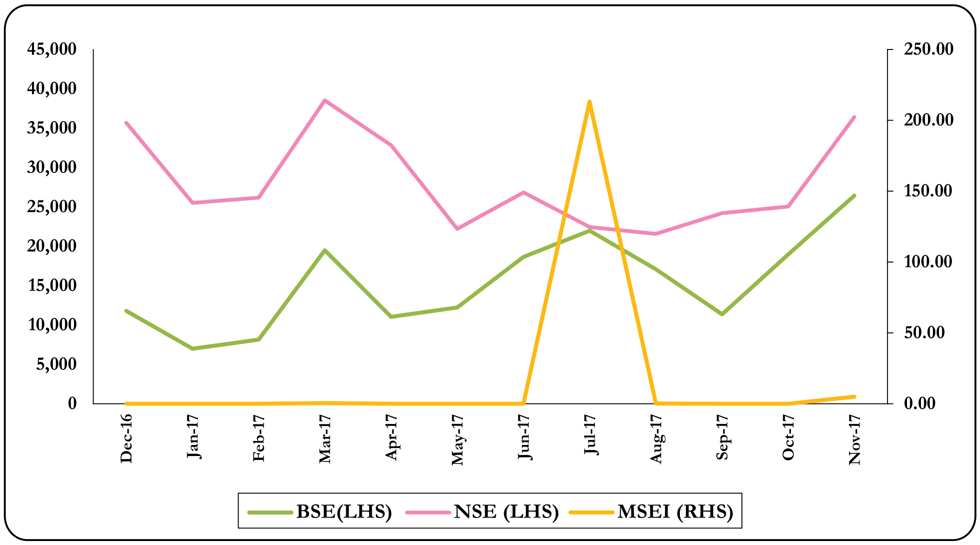
Figure 6: Trends of Currency Derivatives at NSE, MSEI and BSE (₹ crore)



D. Interest Rate Futures at NSE, BSE and MSEI

During November 2017, the monthly turnover of interest rate futures at NSE increased by 45.5 per cent to ₹ 36,433 crore from ₹ 25,041 crore in October 2017. The monthly turnover of interest rate futures at BSE, increased by 39.3 per cent to ₹ 26,430 crore in November 2017 from ₹ 18,968 crore in October 2017. The monthly turnover in interest rate futures at MSEI was ₹ 5 crore during November 2017 compared to nil turnover in the previous month. (*Figure 7 and Table 47*).

Figure 7: Trends of Interest Rate Futures at NSE, BSE and MSEI (₹ crore)

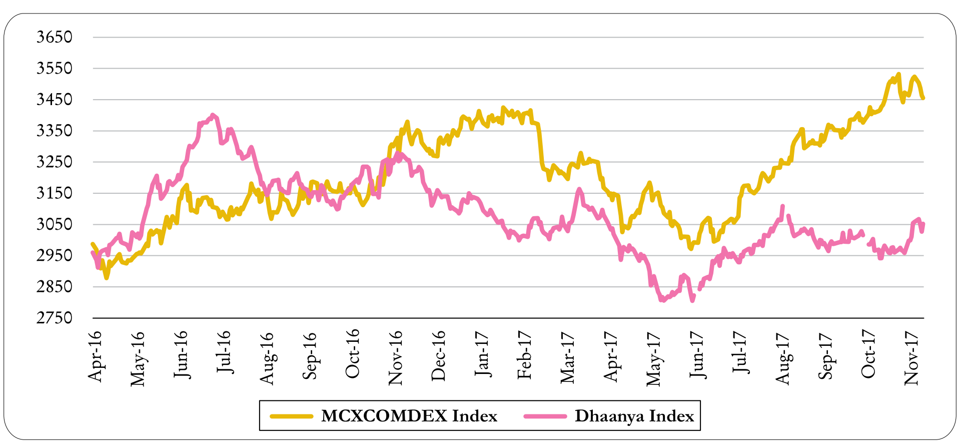


VI. Commodities Futures Markets

A. Market Trends

At the end of November, 2017, the composite index MCXCOMDEX and the Dhaanya index of NCDEX registered a rise over their respective closing values at the end of October 2017. The MCXCOMDEX closed at 3455.24, registering an increase of 1.14 percent, whereas, Dhaanya index closed at 3051.76, recording a rise of 3.73 percent, over its closing values of October 2017. **(Figure 8)**. MCXCOMDEX recorded an intra-day high of 3538.23 on November 13, 2017 while 3417.59 on November 01, 2017 was its lowest intra-day level during the month. NCDEX Dhaanya recoded an intra-day high of 3078.34 on November 28, 2017 and an intra-day low of 2930.94 on November 01 2017 **(Details in Table 62)**. Among MCXCOMDEX's group indices, MCX Energy and MCX Agri. increased by 3.75 percent and 9.49 percent, respectively, whereas MCX Metal declined by 2.27 percent.

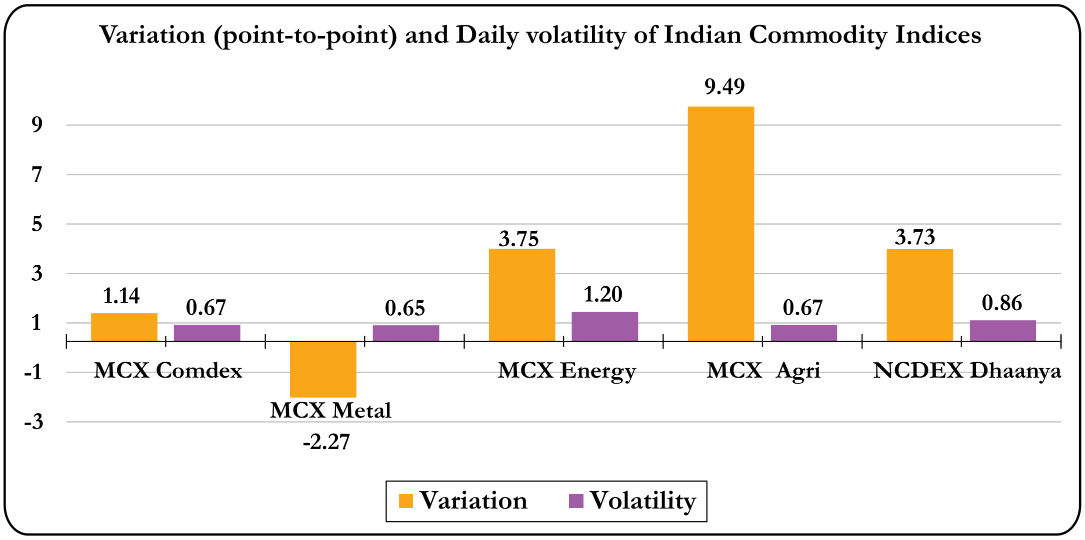
Figure 8: Movement of Commodity Futures Market Indices



Source: MCX and NCDEX

Daily volatility during November 2017 of MCXCOMDEX and NCDEX Dhaanya indices was recorded at 0.67 percent and 0.86 percent, respectively. Among the component indices of MCXCOMDEX, MCX Energy recorded highest volatility of 1.20 percent, followed by MCX Agri. (0.67 percent) and MCX Metal (0.65 percent). The daily volatility and return over the previous month of commodity futures market indices is shown in the Figure 9 below:

Figure 9 : Performance of Indices at MCX and NCDEX during November 2017 (Percent)



Source: MCX and NCDEX

During November 2017, the national commodity Exchanges namely, MCX, NCDEX, NMCE and ICEX recorded an increase in turnover, whereas the turnover at regional Exchange viz. Hapur Commodity Exchange (HCE), has recorded a decrease over the previous month.

The total turnover at all the four national exchanges was recorded at ₹ 5,32,300 crore. Out of this total turnover, agricultural commodities contributed ₹ 70,315 crore (13.3 percent) while that of the non-agricultural commodities contributed ₹ 4,61,985 crore (86.7 percent) to the total turnover. Among, the non-agricultural commodities segments, Bullion, Metals and Energy are traded at MCX, whereas, diamond contracts are traded at ICEX. Option trading in Gold contracts commenced at MCX on 17th October, 2017. The total turnover in call and put option taken together decreased to ₹ 2,866 crores in November 2017, a decrease of 13.10 percent over ₹ 3,298 crore recorded in October 2017.

The turnover at MCX (futures+ options) increased to ₹4,73,130 crore in November 2017, an increase of 15.29 percent over ₹4,10,396 crore recorded during October 2017. The contribution to the total turnover at MCX from Metal segment was at 41.94 percent followed by Energy segment at 31.37 percent, Bullion segment with 24.27 percent and agricultural commodities had a share of 2.41 percent.

The turnover at NCDEX has increased from ₹ 40,811 crore in October 2017 to ₹ 56,073 crore in November 2017, an increase of 37.40 percent.

The total turnover at NMCE has increased from ₹ 2,665 crore in October 2017 to ₹ 2,840 crore in November 2017, an increase of 6.59 percent. The entire turnover at NCDEX and NMCE was contributed by the agricultural commodities segment.

The turnover at ICEX in diamond contracts has increased from ₹ 165.37 crore in October 2017 to ₹ 257.23 crore in November 2017, an increase of 55.55 percent.

The total turnover of agricultural commodities was the highest at NCDEX (₹ 56,073 crore) followed by MCX (₹ 11,401 crore) and NMCE (₹ 2,840 crore). The turnover of agricultural and non- agricultural commodities at national exchanges is shown in Figure 10 and Figure 11 and the details in Table 63, 64, 65, 66 and 67.

The Hapur Commodity Exchange (HCE), Hapur, which is trading only in Rape/Mustard Seed contract recorded a total turnover of ₹151 crore during November 2017, a decrease of 35.50 percent over the total turnover of ₹234 crore during October 2017.

Figure 10: Turnover of Agricultural Commodities Futures at National Exchanges (₹ crore)

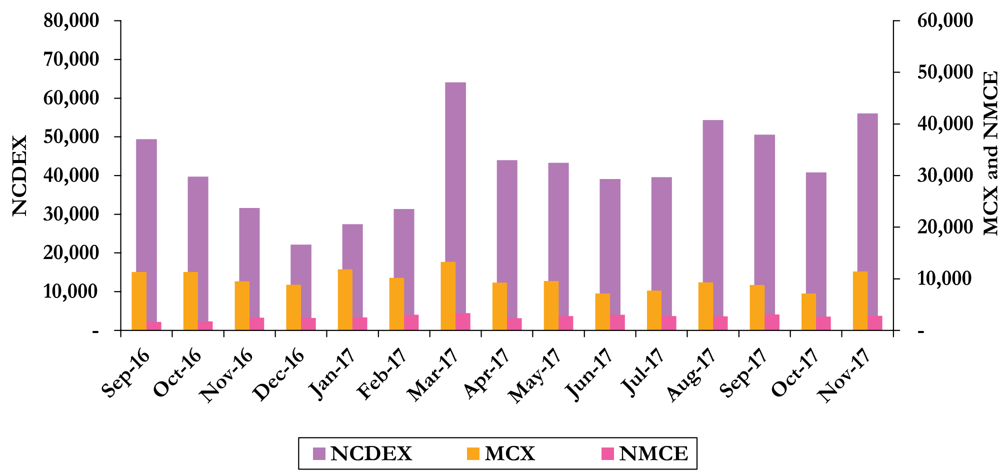
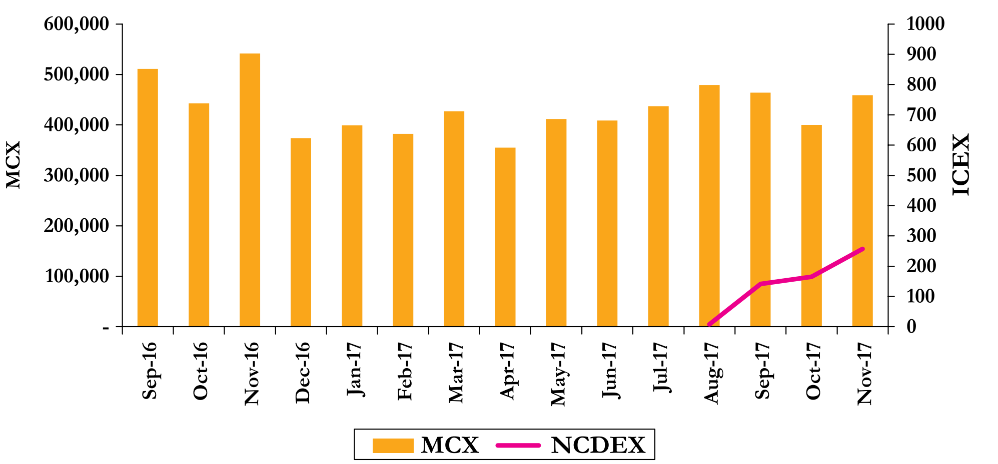


Figure 11: Turnover of Non-Agricultural Commodities Derivatives (₹ crore)



B. Commodity price trends

At the end of November 2017, M-o-M returns among the near month contracts of non-agricultural commodities were positive for Natural Gas (4.95 percent), followed by Crude Oil (4.51 percent) and Lead (1.63 percent), while M-o-M returns decreased the most for Aluminium (5.48 percent), followed by Zinc (4.23 percent), Nickel (4.06 percent), Silver (3.31 percent), Copper (2.99 percent) and Gold (0.48 percent). Among Agricultural Commodities, the M-o-M returns were the highest for Mentha Oil (36.36 percent), followed by Jeera (17.35 percent), Guar Gum (13.47 percent), Coriander (11.48 percent), Turmeric (10.04 percent), Guar Seed contracts at NCDEX (9.60 percent), Soybean (9.41 percent), Crude Palm Oil (8.18 percent), Refined Soy Oil (8.17 percent), Cotton Seed Oilcake (7.81 percent) and Rape/Mustard Seed (5.31 percent). The M-o-M returns declined the most for Pepper contracts at NCDEX (10.83 percent), followed by Chana (4.07 percent), Wheat (3.69 percent), Castor Seed contacts at NCDEX (2.95 percent), Cardamom (1.81 percent), Isabgul Seed (1.70 percent), Cotton (1.25 percent), Raw Jute (0.65 percent) and Barley (0.46 percent).

The Y-o-Y returns on futures prices among non-agricultural commodities increased the most for Zinc by 12.02 percent, followed by Aluminum (11.54 percent), Crude Oil (9.18 percent), Copper (8.99 percent), Gold (2.21 percent) and Lead (0.28 percent), while it declined the most for Natural Gas (14.16 percent) followed by Silver (6.38 percent) and Nickel (2.57 percent). Among agricultural commodities, Y-o-Y returns increased the most for Mentha Oil (108.55 percent) followed by Castorseed contracts at NMCE (20.48 percent), Jeera (18.56 percent), Guar Seed contracts at NMCE (17.39 percent), Turmeric (7.25 percent), Crude Palm Oil (6.40 percent) and Refined Soy Oil (1.29 percent), while Y-o-Y returns declined the most for pepper contracts at NMCE (43.75 percent) followed by Guar Gum (39.49 percent), Cardamom (30.47 percent), Coriander (31.10 percent), Barley (18.09 percent), Cotton Seed Oilcake (17.98 percent), Wheat (17.43 percent), Rape/Mustard Seed contracts at NCDEX (15.10 percent), Isabgul Seed (8.19 percent), Raw Jute (6.26 percent), Cotton (4.96 percent), Soybean (2.63 percent) and Rubber (0.96 percent). **(Exhibit 5)**

Exhibit 5: Periodic variation (M-o-M and Y-o-Y) in futures closing prices for near month contracts of commodities traded at MCX, NCDEX and NMCE

Commodities traded at MCX	Closing value as on 30/11/2017	Variation in prices as on 30/11/2017 (percent)		Commodities traded at NCDEX/ NMCE	Closing value as on 30/11/2017	Variation in prices as on 30/11/2017 (percent)	
		M-o-M	Y-o- Y			M-o-M	Y-o-Y
MCX Comdex	3455.24	1.14	4.19	Dhaanya Index	3051.76	3.73	-6.31
MCX AGRI Index	2742.08	9.49	7.85	Guar seed 10 MT	3883.5	9.60	NA
MCX Metal Index	4938.48	-2.27	3.25	Guar Gum	8777	13.47	-39.49
MCX Energy Index	2674.11	3.75	4.06	Soybean	3034	9.41	-2.63
Aluminium	131.00	-5.48	11.54	Chana	4732	-4.07	NA
Copper	431.40	-2.99	8.99	Turmeric	7780	10.04	7.25
Crude Oil	3687.00	4.51	9.18	RM seed	4104	5.31	-15.10
Gold	29012.00	-0.48	2.21	Refined Soy Oil	732	8.17	1.29
Lead	159.35	1.63	0.28	Cotton seed oil cake	1607.5	7.81	-17.98
Natural Gas	197.10	4.95	-14.16	Wheat	1672	-3.69	-17.43
Nickel	727.50	-4.06	-2.57	Jeera	21780	17.35	18.56
Silver	37532.00	-3.31	-6.38	Coriander	5447	11.48	-31.10
Zinc	206.00	-4.23	12.02	Barley	1508	-0.46	-18.09
Cardamom	944.90	-1.81	-30.47	Pepper	38000	-10.83	NA
Cotton	18210.00	-1.25	-4.96	Castor Seed	4569	-2.95	NA
CPO	589.90	8.18	6.40				
Mentha Oil	1985.60	36.36	108.55	**NMCE**			
				Castor Seed	4576	3.58	20.48
				Rubber	13063	4.74	-0.96
				Raw Jute	3969	-0.65	-6.26
				Isabgul Seed	11005	-1.70	-8.19
				RM Seed	681.5	7.41	-9.50
				Guar Seed	3888	9.12	17.39
				Pepper	39690	-6.98	-43.75

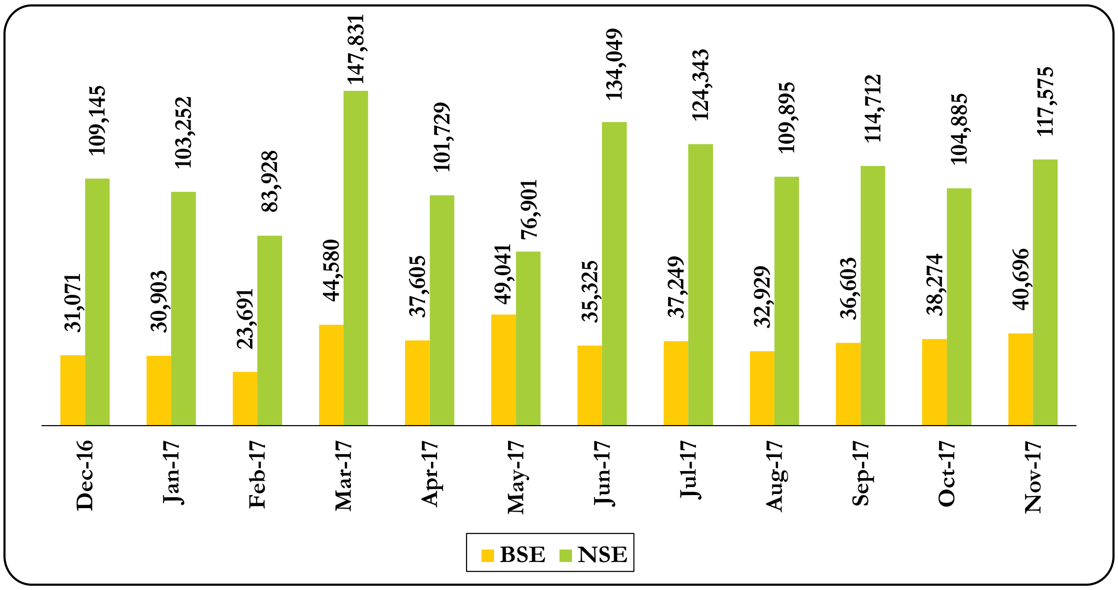
Notes : Returns are calculated as percentage change in the closing value of near month contract Prices last trading day of the month over the corresponding trading periods.

Source : Bloomberg & NMCE

VII. Trading in Corporate Debt Market

During November 2017, BSE recorded 2,463 trades of corporate debt with a traded value of ₹ 40,696 crore compared to 2,098 trades of corporate debt with a traded value of ₹ 38,274 crore recorded in October 2017. At NSE, 5,265 trades were reported in November 2017 with a traded value of ₹ 1,17,575 crore compared to 4,657 trades with a traded value of ₹ 1,04,885 crore in the previous month *(Figure 12 and Table 13)*.

Figure 12: Trends in Reported Turnover of Corporate Bonds (₹ crore)



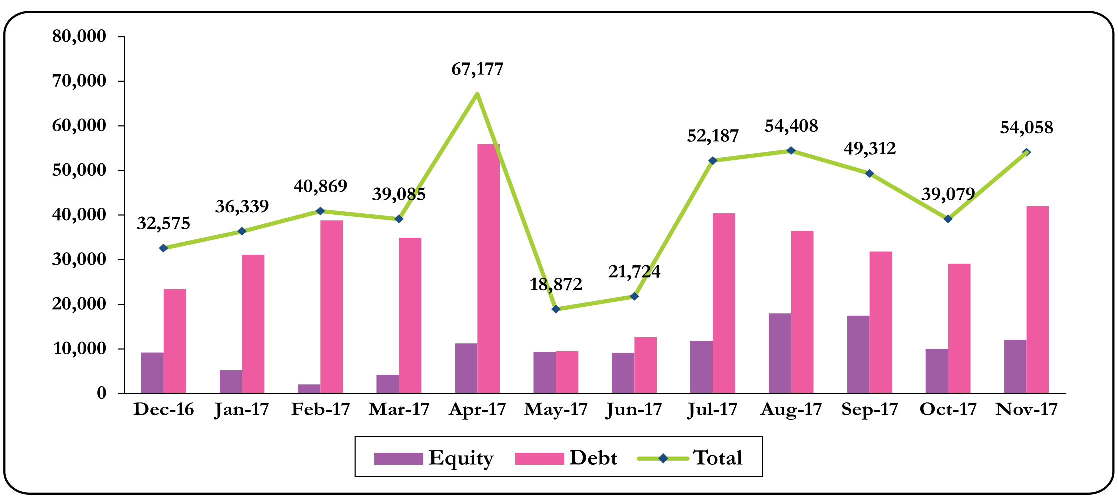
VIII. Trends in Institutional Investment

A. Trends in Investment by Mutual Funds

The total net investment in the secondary market by mutual funds was ₹ 54,058 crore in November 2017 out of which ₹ 12,080 crore was invested in equity and ₹ 41,978 crore was invested in debt. This was an increase from total investment of ₹ 39,079 crore in October 2017 out of which ₹ 9,991 crore was invested in equity and ₹ 29,088 crore was invested in debt (*Figure 13*).

As on October 31, 2017, there were a total of 1,908 mutual fund schemes in the market, of which 1,275 (66.8 per cent) were income / debt oriented schemes, 508 (26.6 per cent) were growth / equity oriented schemes, 30 (1.6 per cent) were balanced schemes, 67 (3.5 per cent) were exchange traded funds and 28 (1.5 per cent) were fund of funds investing overseas (*Tables 55 & 56*).

Figure 13: Trends in Mutual Funds Investment (₹ crore)

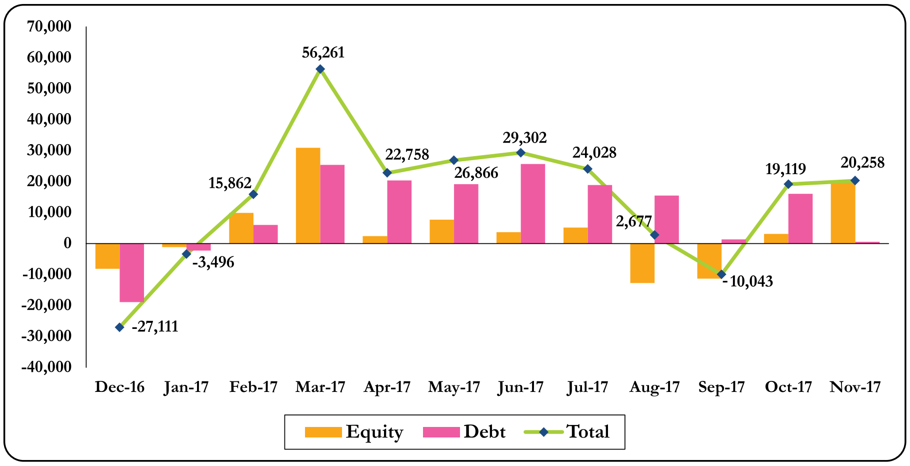


B. Trends in Investment by the Foreign Portfolio Investors (FPIs)

In November 2017, net investment by the FPIs in the Indian securities market was ₹ 20,258 crore, out of which ₹ 19,728 crore was invested into equity and ₹ 531 crore was invested in debt (*Figure 14*).

The assets of the FPIs in India, as reported by the custodians, at the end of November 2017 was ₹ 31,88,354 crore, out of which the notional value of offshore derivative instruments (including ODIs on derivatives) was ₹ 1,28,639 crore, constituting 4.0 per cent of the total assets under custody of FPIs. (*Tables 49, 50 & 51*)

Figure 14: Trends in FPIs Investment (₹ crore)



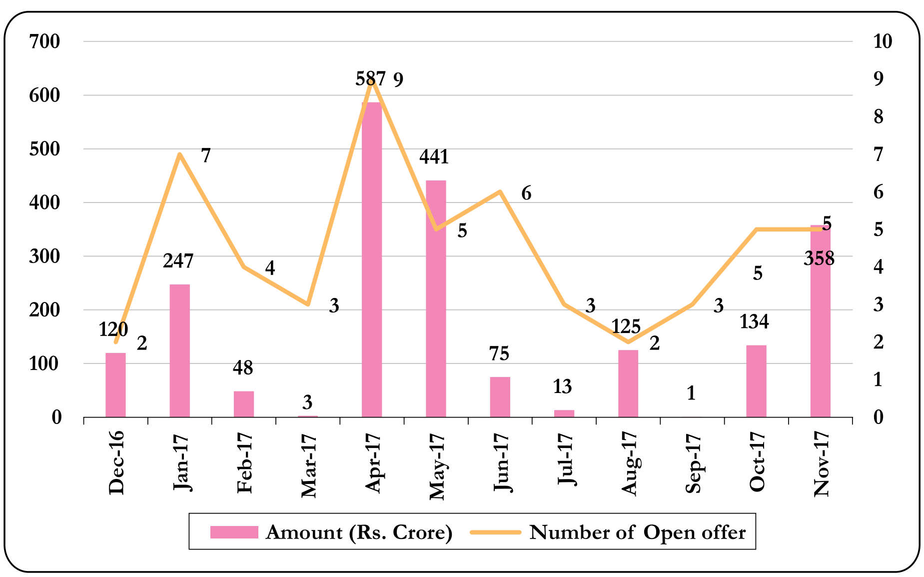
IX. Trends in Portfolio Management Services

Assets under management (AUM) of discretionary portfolio management services (PMS) increased by 1.0 per cent to ₹ 10,92,992 crore in November 2017 from ₹ 10,81,656 crore in October 2017. The AUM of Non-discretionary PMS also rose by 1.4 per cent to ₹ 86,264 crore from ₹ 85,115 crore and AUM of Advisory services, increased by 5.1 per cent to ₹ 2,12,263 crore from ₹ 2,02,034 crore. In terms of number of clients, at the end of November 2017, out of 1,05,625 clients in PMS industry, discretionary services category leads with total of 98,380 clients, followed by non-discretionary category with 5,490 clients and advisory category with 1,755 clients. ***(Table 57).***

X. Trends in Substantial Acquisition of Shares and Takeovers

In November 2017, five open offers with offer value of ₹ 358 crore were made to the shareholders as against two open offers with offer value of ₹ 134 crore in October 2017 (*Figure 15*).

Figure 15: Details of Offers Opened under the SEBI (SAST) Regulations (₹ crore)



MONTHLY REVIEW OF GLOBAL FINANCIAL MARKETS[1]

Snapshots

United States:

GDP expanded by 3.2 percent (annualised) in Q3 2017 as compared to 3.1 in previous quarter. CPI inflation was 2.2 percent (Y-o-Y) and Unemployment rate was 4.1 percent in November 2017.

United Kingdom

Real GDP growth rate came down to 1.5 percent (Y-o-Y) in Q3 2017 against 1.7 percent of Q2 2017. CPI inflation was 3.1 percent (Y-o-Y) in November 2017. Unemployment rate was 4.3 percent during the period August to October 2017.

Japan:

GDP expanded by 2.1 percent (Y-o-Y) in Q3 2017, as compared to 1.4 percent in Q2. CPI inflation remained stable at 0.6 percent (Y-o-Y) in November 2017. Unemployment rate was steady at 2.8 percent in November 2017 as compared to the previous month.

Euro Zone (EA19):

GDP advanced by 2.6 percent (Y-o-Y) in Q3 2017 from 2.3 percent in Q2 of 2017.CPI inflation decreased by 1.5 percent (Y-o-Y) in November 2017 as against previous month. Unemployment rate recorded 8.9 percent in September 2017.

BRICS Nations:

- Real GDP of Brazil advanced by 0.4 percent (Y-o-Y) in Q3 2017. CPI inflation increased to 2.8 percent in November 2017. Unemployment rate decreased to 12.4 percent in September 2017.
- Russia's GDP advanced by 1.8 percent (Y-o-Y) in Q3 2017. CPI inflation was 2.5 percent (Y-o-Y) in November 2017. Unemployment rate was 5.1 percent in November 2017.
- India's real GDP grew by 6.3 percent (Y-o-Y) in Q2, 2017-18 as compared to 5.7 percent of Q1. Consumer prices in India recorded 4.88 percent (Y-o-Y) in November 2017, against 3.58 of previous month.
- GDP of China expanded by 6.8 percent (Y-o-Y) in the third quarter of 2017. Consumer prices in China increased by 1.7 percent (Y-o-Y) in November 2017, as compared to the previous month. Unemployment rate observed to be 4.35 percent in third quarter.
- GDP of South Africa advanced by 0.8 percent, against 1.3 percent in the previous quarter. Consumer prices increased by 4.6 percent in November 2017. Unemployment rate in South Africa remained at 27.7 percent in the third quarter of 2017.

1. Introduction:

1.1. Global economic growth has continued its momentum as growth figures across the nations during the third quarter of 2017 is mostly improving. The improvement is underlined by strong growth and the potential tax reform in the US, the ongoing dynamic in the Euro-zone and to some extent in Japan, solid growth in China and an improving situation in Russia and Brazil. On a downside, the latest available retail sales figures in both Japan and the Euro-zone were below expectations and in Japan they were even contracting. As regards the emerging economies, India's growth rates have been down from its previous peaks due to short term policy repercussions. China's GDP growth forecasts remain robust. It is hoped that Brazil and Russia's recovery will continue in 2018. On the contrary, numerous uncertainties like the ongoing geo-political developments in North Korea and the Middle East mar the growth prospect. High debt levels in many countries and considerable valuations in asset markets are also matter of concern. Moreover, stability in the oil market remains a key-determinant for global economic growth.

The World Economy:

1.2. The Organisation for Economic Co-operation and Development (OECD) in the OECD Economic Outlook published in November 2017 portrayed a bright picture of the global recovery. As per the said report, the lift to global growth is supported by policy stimulus accompanied by solid employment gains, a moderate upturn in investment and a pick-up in trade growth. The report forecasts that Global GDP growth would be just over 3.5 per cent in 2017 strengthening further to 3.75 per cent in 2018 before easing slightly in 2019 (Exhibit 1).

[1] *Prepared by the Department of Economic and Policy Analysis-I of SEBI based on latest available data/information. Views expressed in the review are not of SEBI.*

Exhibit 1 : OECD Forecasts

	Average 2005-2014	2015	2016	2017	2018	2019	2017 Q4	2018 Q4	2019 Q4
	Per cent								
Real GDP growth[1]									
World[2]	3.8	3.3	3.1	3.6	3.7	3.6	3.8	3.7	3.6
OECD[2,7]	1.5	2.4	1.8	2.4	2.4	2.1	2.5	2.2	1.9
United States	1.5	2.9	1.5	2.2	2.5	2.1	2.5	2.3	2
Euro area[7]	0.8	1.5	1.8	2.4	2.1	1.9	2.5	1.9	1.8
Japan	0.6	1.1	1	1.5	1.2	1	1.5	1.1	0.4
Non-OECD[2]	6.2	4	4.1	4.6	4.9	4.8	4.8	4.8	4.8
China	10	6.9	6.7	6.8	6.6	6.4	6.8	6.5	6.3
Output gap[3]	-0.9	-1.4	-1.2	-0.5	0.2	0.6			
Unemployment rate[4]	7.2	6.8	6.3	5.8	5.5	5.3	5.6	5.4	5.3
Inflation[1,5]	2	0.8	1.1	1.9	2.1	2.2	1.9	2.2	2.4
Fiscal balance[6]	-4.6	-2.9	-3	-2.6	-2.4	-2.2			
World real trade growth[1]	4.7	2.7	2.6	4.8	4.1	4	4.1	4.2	3.9

1. Percentage changes; last three columns show the increase over the year earlier.
2. Moving normal GDP weights, using purchasing power parities.
3. Per cent of potential GDP.
4. Per cent of labour force.
5. Private consumption deflator.
6. Per cent of GDP.
7. With growth in Ireland in 2015 computed using gross value added at constant prices excluding foreign-owned multinational enterprises dominated sectors.

Source: OECD Economic Outlook 102 database.

1.3. The OECD opines that monetary policy is set to remain accommodative in the major economies in 2018-19 and fiscal policy easing will offer more support to activity than in the three years prior to 2017. In the EMEs, an upturn in investment is projected to support growth in India and the dynamic Asian economies in 2018-19. On the other hand, a continued recovery is projected in Brazil and Russia, helped by the higher level of commodity prices and more accommodative monetary policy is also underlining the recovery. Nevertheless, a projected gradual slowdown in domestic demand growth in China, as stimulus measures in 2016-17 ease and necessary efforts continue to stabilise corporate debt and reduce excess capacity, will check the overall pace of trade and output growth in key trading partners in 2018-19.

1.4. Survey indicators confirm that the global recovery continued at a robust pace during the month of November 2017. During the month under review, a solid upswing in growth of manufacturing production offset a slightly weaker upturn in service sector activity. Thus the outlook for global growth remains positive, as manufacturing looks set to sustain its recent bounce and rising order intakes boost service providers.

The Organisation for Economic Co-operation and Development (OECD)[2]:

1.5. The Organisation for Economic Co-operation and Development (OECD) was born on 30 September 1961. It is an organisation of 35 member countries worldwide who together try to identify problems, discuss and analyse them, and promote policies to solve them. Most OECD members are high-income economies with a very high Human Development Index (HDI) and are regarded as developed countries.

[2] *The Organisation for Economic Co-operation and Development (OECD) was born on 30 September 1961. It is an organisation of 35 member countries worldwide. Most OECD members are high-income economies with a very high Human Development Index (HDI) and are regarded as developed countries.*

1.6. As per the provisional estimates, the real gross domestic product (GDP) in the OECD area accelerated to 0.7 per cent quarter-on-quarter (Q-o-Q) in the second quarter of 2017 from 0.5 per cent in the previous quarter. Real GDP of the OECD area accelerated to 2.4 per cent year-on-year (Y-o-Y) in the second quarter of 2017 from 2.1 per cent in the previous quarter.

1.7. Real GDP in the G20 area grew by 1.0 per cent in the third quarter of 2017 (Q-o-Q), the same rate as in the previous quarter but with wide variation across countries, according to provisional estimates. Year-on-year (Y-o-Y) GDP growth for the G20 area increased to 3.9 per cent in the third quarter of 2017 (from 3.7 per cent in the previous quarter).

1.8. Annual inflation in the OECD area slowed to 2.2 per cent in October 2017 from 2.3 per cent in September 2017. This slight decrease in the annual rate of inflation was driven by energy and food prices. Energy price inflation slowed to 5.8 per cent in October, compared with 7.7 per cent in September while food price inflation slowed to 1.8 per cent from 1.9 per cent in September. Excluding food and energy, inflation increased slightly to 1.9 per cent, compared with 1.8 per cent in September. The OECD unemployment rate fell by 0.1 percentage point in October 2017, to 5.6 per cent, returning to its April 2008 pre-crisis rate.

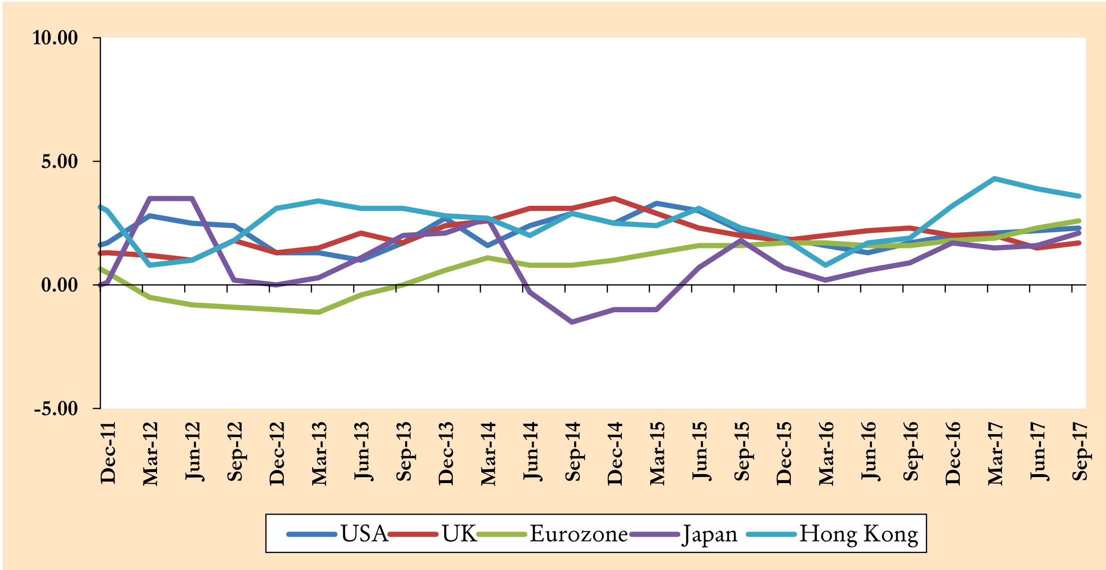
Exhibit 2: Major Macroeconomic Indicators

	Country / Region	Quarterly Growth Real GDP				Annual CPI Inflation		Unemployment Rate		Benchmark Interest Rate
		Y-o-Y	period	Q-o-Q	period	Rate	Period	Rate	Period	
Developed Countries	United States	2.30	Q3	3.20*	Q3	2.20	Nov-17	4.10	Nov-17	1.50
	United Kingdom	1.70	Q3	0.40	Q3	3.10	Nov-17	4.30	Oct-17	0.50
	Eurozone	2.60	Q3	0.60	Q3	1.50	Nov-17	8.80	Oct-17	0.00
	Germany	2.80	Q3	0.80	Q3	1.80	Nov-17	3.60	Oct-17	0.00
	France	2.30	Q3	0.50	Q3	1.20	Nov-17	9.50	Q3 of 2017	0.00
	Japan	2.10	Q3	0.60	Q3	0.60	Nov-17	2.80	Nov-17	-0.10
BRICS	Brazil	1.40	Q2	0.10	Q3	2.80	Nov-17	12.20	Oct-17	7.00
	Russia	1.80	Q3	1.08	Q2	2.50	Nov-17	5.10	Nov-17	7.75
	India	6.30	Q2	NA	NA	4.88	Nov-17	NA	NA	6.00
	China	6.80	Q3	1.70	Q3	1.70	Nov-17	3.95	Q3 of 2017	4.35
	South Africa	0.80	Q3	2.00*	Q3	4.60	Nov-17	27.7	Q3 of 2017	6.75
Other Ems	South Korea	3.80	Q3	1.50	Q3	1.30	Nov-17	3.70	Oct-17	1.50
	Indonesia	5.06	Q3	3.18	Q3	3.30	Nov-17	5.50	Q3 of 2017	4.25
	Turkey	11.1	Q2	1.20	Q3	12.98	Nov-17	10.6	Sep-17	8.00

Note: Q1 refers to Jan - Mar 2017
Q2 refers to Apr- Jun 2017
Q3 refers to Jun – Sept 2017
Quarters are as per the financial year for India which is April to March
*Represents figures in annualised terms

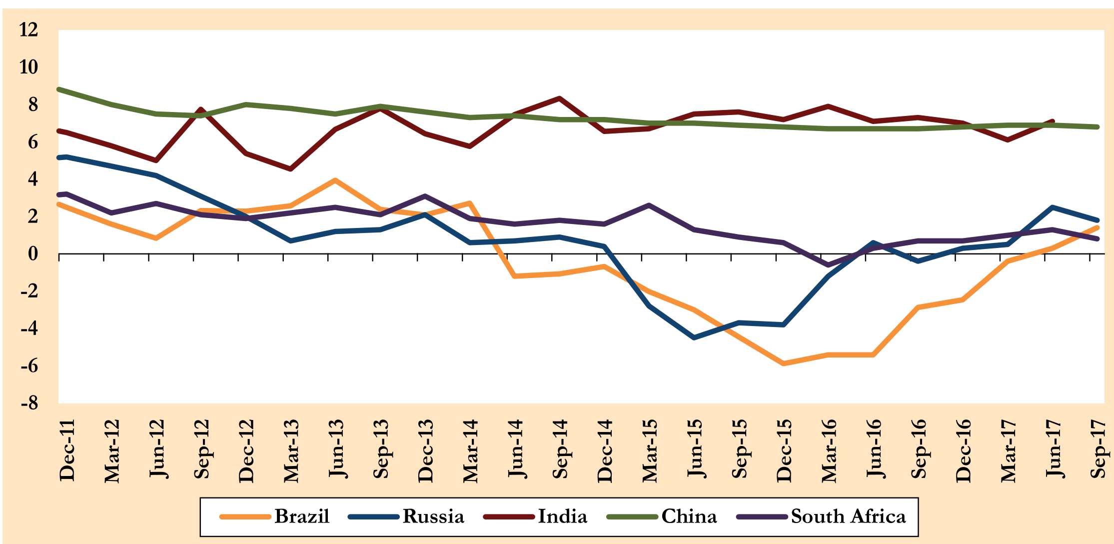
Source: *Bloomberg*

Chart 1: Year-on-Year Real GDP growth rates of developed countries/ region (percent)



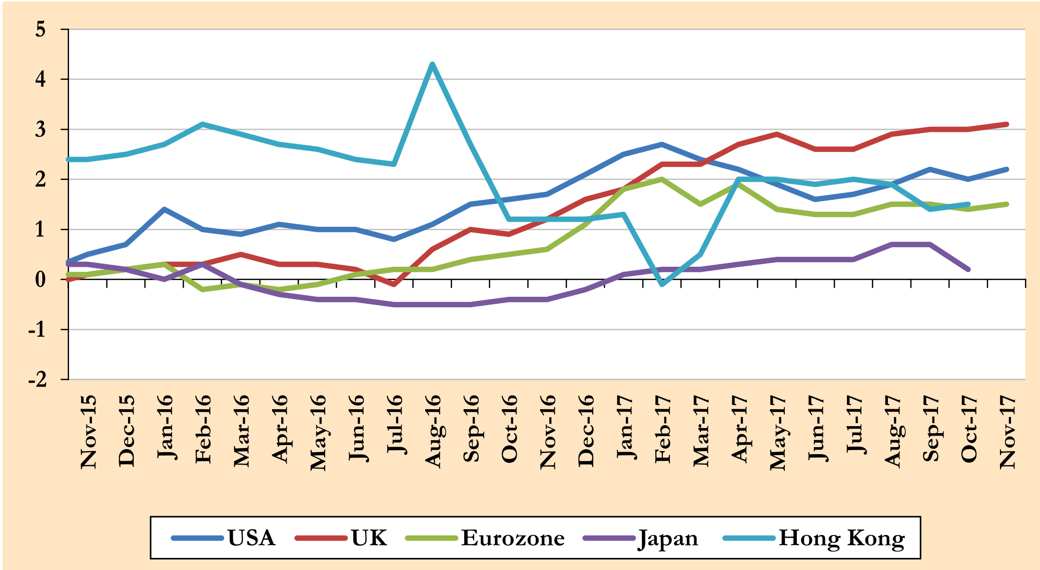
Source: *Bloomberg*

Chart 2: Year-on-Year Real GDP growth rates of BRICS countries/ region (percent)



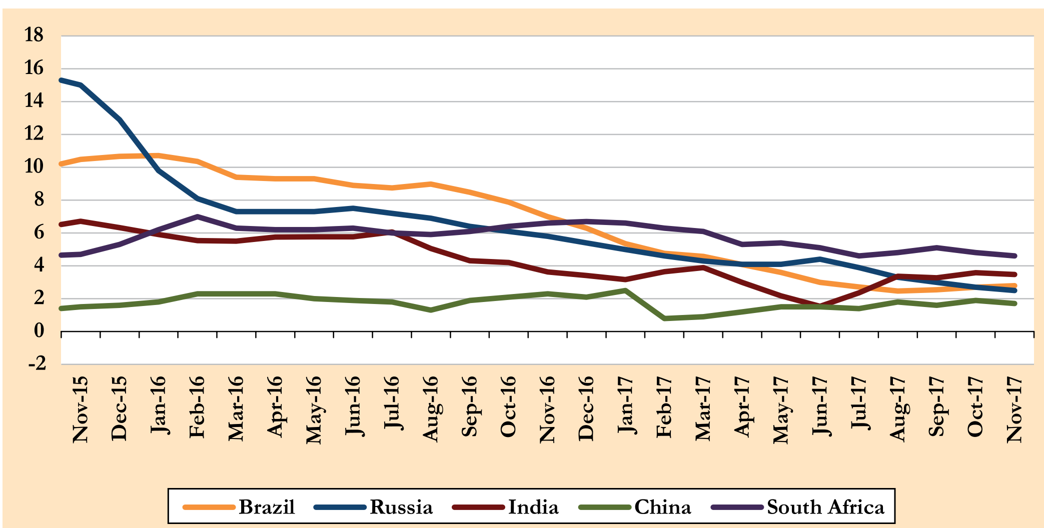
Source: *Bloomberg*

Chart 3: Year-on-Year Consumer Price Inflation for developed countries (percent)



Source: *Bloomberg*

Chart 4: Year-on-Year Consumer Price Inflation for BRICS countries (percent)



Source: *Bloomberg*

2. Major Recent Developments Across the Globe

2.1. At 1.0 per cent G20 GDP growth Rate is steady for Q3 of 2017

Real gross domestic product (GDP) in the G20 area grew at the same rate it grew in the previous quarter. Growth accelerated strongly in Korea (to 1.5 per cent, from 0.6 per cent), and to a lesser extent in India (to 1.6 per cent, from 1.4 per cent) and Germany (to 0.8 per cent, from 0.6 per cent). Growth also picked up marginally (to 0.4 per cent, from 0.3 per cent) in Italy and the United Kingdom and was stable in Indonesia (1.2 per cent) and the United States (0.8 per cent). Year-on-year GDP growth for the G20 area increased to 3.9 per cent in the third quarter of 2017 (from 3.7 per cent in the previous quarter), with Turkey (10.2 per cent) recording the highest growth and South Africa the lowest (1.0 per cent).

2.2. Unemployment rate back to pre-crisis level in October 2017

Unemployment rate in OECD area fell by 0.1 per cent point in October 2017, to 5.6 per cent, returning to its April 2008 pre-crisis rate. However, at 35.1 million, the total number of unemployed remains 2.5 million above April 2008 levels. In the euro area, the unemployment rate decreased by 0.1 percentage point, to 8.8 per cent in the same month, with the largest declines (0.2 per cent) in Belgium (to 6.9 per cent), Latvia (8.2 per cent), Luxembourg (5.7 per cent), the Netherlands (4.5 per cent), the Slovak Republic (7.0 per cent) and Slovenia (6.2 per cent). The unemployment rate declined marginally in France (to 9.4 per cent) and was stable in Germany (3.6 per cent), Italy (11.1 per cent), Portugal (8.5 per cent) and Spain (16.7 per cent).

United States:

2.3. As per the "third" estimates released by the Bureau of Economic Analysis the real GDP of US grew at an annual rate of 3.2 percent during the third quarter of 2017 against 3.1 percent growth rate recorded in the previous quarter. The increase in real GDP reflected positive contributions from personal consumption expenditures (PCE), private inventory investment, non-residential fixed investment, exports, and federal government spending. Real GDP increased by 1.6 percent in 2016 (Y-o-Y) compared with an increase of 2.6 percent in 2015. As per IMF's latest growth outlook the US economy is projected to expand at 2.2 percent in 2017 and 2.3 percent in 2018.

2.4. As per data released by the Bureau of Labor Statistics, the consumer prices in USA went up by 2.2 percent (Y-o-Y) in November 2017. The price index for all items less food and energy rose by 1.7 percent (Y-o-Y) during the month. Unemployment rate in US was 4.1 percent in November 2017 against 4.1 percent of previous month. The Federal Open Market Committee (FOMC) on 13 Dec 2017 increased the target range for the federal funds rate to, 1.25 to 1.5 per cent from 1.00 to 1.25 per cent.

2.5. The seasonally adjusted Markit US Manufacturing Purchasing Managers' Index (PMI) posted 53.9 in November 2017, against 54.6 of October. The Markit U.S. Services PMI recorded 54.5 in November 2017 against 55.3 of October.

Observations: *Prices kept on rising at an increased rate, linked to higher costs, though in many cases the price hikes were linked to ongoing supply chain disruptions since the hurricanes. Average prices charged by manufacturers continued to rise further in November, with the pace of inflation accelerating to highest in past 3 years.*

United Kingdom:

2.6. As per the second estimate by Office for National Statistics, the British economy grew at 0.4 percent (Q-o-Q) in the Q3 2017, compared to 0.3 percent growth in the previous quarter. On a Y-o-Y basis, GDP expanded 1.7 percent in the Q3 2017 following a 1.9 percent expansion in the previous period. IMF has revised down the growth forecast in the United Kingdom to 1.7 percent from 2.0 percent in 2017 and to 1.5 percent in 2018.

2.7. The CPI Inflation in the UK was at 3.1 percent (Y-o-Y) in November 2017 against 3.0 of October 2017. UK unemployment rate was 4.3 percent during the period August 2017 to October 2017 same as in previous period. The Bank of England Monetary Policy Committee decided to keep the Bank Rate at 0.50 percent and left the stock of purchased assets at £435 billion.

2.8. Manufacturing PMI marked 58.2 in November 2017 against 56.6 in October 2017. The UK Services PMI marked 53.8 in November 2017 against 55.6 of October.

Observations: *Growth of the service sector appears to be slowing. On the other hand capital spending in the domestic market showing the sings of renewed vigour. The domestic market remained strong but new export orders primarily from the US and Europe were a big part of this overall picture of success.*

Japan:

2.9. The Japanese economy advanced 0.6 percent (Q-o-Q) in the third quarter of 2017, following a 0.7 percent expansion in the previous period. Growth was mainly supported by exports and faster increase in business spending. .In Y-o-Y terms, Japanese economy grew by 2.1 percent

(Y-o-Y) during Q3 2017 as compared to 1.6 percent (Y-o-Y) in Q2 2017. According to IMF's outlook, the Japanese economy is expected to grow at 1.5 percent in 2017 and pace of expansion is expected to weaken thereafter to 0.7 percent in 2018.

2.10. Consumer prices in Japan rose 0.6 percent in November 2017, down from 0.7 expansion in the previous month. Prices of food increased at a faster pace while cost of transport was flat and cost of housing continued to fall. The seasonally adjusted unemployment rate in Japan remains stable at 2.8 percent in November 2017 as compared to the previous month.

2.11. The Bank of Japan left its key short-term interest rate unchanged at -0.1 percent at its December 2017 meeting, as expected. The policymakers also decided to keep its 10 year Government bond yield target around 0 percent offered a more upbeat view on private consumption and capital expenditure.

Observations: *Resilient global growth and improving domestic demand are propping up Japan's economy this year. However, persistent geopolitical tensions could add upward pressure on the safe-haven yen, hurting the all-important external sector.*

Euro Area (EA19)[3]:

2.12. The real GDP growth in the Euro area was recorded 2.6 percent in the Q3 2017 (Y-o-Y). In Q-o-Q terms, the Euro Area economy growth advanced by 0.6 percent in Q3 2017 below 0.7 percent as compared to the previous quarter. Among Eurozone's countries, GDP expanded at a faster pace in Germany (0.8 percent), Italy (0.5 percent), Latvia (1.5 percent) and Portugal (0.5 percent). GDP growth was unchanged in Austria (at 0.8 percent), and slowed in France (0.5 percent), Spain (0.8 percent), Netherlands(0.4 percent), Belgium (0.3 percent), Lithuania (0.1 percent), and Cyprus (0.9 percent). The growth of Euro area is projected to rise to 2.1 percent in 2017, before moderating to 1.9 percent in 2018.

2.13. Eurozone annual inflation increased to 1.5 percent year-on-year in November 2017, following 1.4 percent gain in the previous month. The highest annual rates were recorded in Lithuania (4.2 percent), Estonia (4.5 percent), and Latvia (3.0 percent) and the lowest annual rates were registered in Cyprus (0.2 percent), Ireland (0.5 percent) and Finland (0.9 percent).

2.14. The seasonally-adjusted unemployment rate in the Eurozone recorded 8.9 percent in September 2017, down from 9.1 percent in August 2017. Among the Member States, the lowest unemployment rates were recorded in the Czech Republic (2.7 percent), Malta(3.5 percent) and Germany (3.6 percent) while the highest unemployment rates were observed in Greece (20.6 percent in August 2017) and Spain (16.7 percent).

2.15. The European Central Bank decided to keep interests rates unchanged in its December meeting and held its benchmark refinancing rate at 0 percent. ECB also decided to reduce its quantitative easing programme to a monthly pace of €30 billion from January with the option of extending it in September 2018. Both the deposit rate and the lending rate were also left steady at -0.4 percent and 0.25 percent, respectively.

Observations: *Eurozone's economy continued to grow on all fronts in the third quarter of 2017 The Eurozone economy is on track to grow at the fastest pace this year due to several tailwinds, including accommodative monetary policy, improving labor market dynamics and a favorable external backdrop.*

Brazil:

2.16. GDP of Brazil advanced by 1.4 percent in the third quarter of 2017, following 0.4 percent expansion in the previous period. It is the first advancement in the growth rate since first quarter of 2014 mainly on account of recovery in household spending and jump in exports .As per recent World Economic Outlook by IMF, Brazil is expected to grow at 0.7 percent in 2017 and 1.5 percent in 2018.

[3] *The Eurozone or the Euro area is a monetary union of 19 of the 28 European Union (EU) member states which have adopted the euro as their common currency. The Eurozone consists of Austria, Belgium, Cyprus, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Portugal, Slovakia, Slovenia, and Spain.*

2.17. Consumer prices in Brazil increased by 2.80 percent (Y-o-Y) in November 2017, increasing from a 2.70 percent in the October 2017 .The Central Bank of Brazil executed another 50 basis point cut in its benchmark SELIC rate to 7.00 percent .It is the tenth straight rate decline, bringing borrowing costs to the lowest since September of 2013 amid plunging inflation and a slow recovery. Unemployment Rate in Brazil further eased down to 12.2 percent in October 2017 from 12.4 percent rate recorded in September 2017.

China:

2.18. The Chinese economy expanded by 6.8 percent in the third quarter of 2017, following a 6.9 percent growth in the last two quarters. It was the weakest pace of expansion since the Q4 of 2016, as fixed-asset investment rose the least in nearly 18 years while industrial output and retail sales increased further. According to IMF's recent forecast, China's growth is expected to grow at 6.8 percent in 2017, and to decline modestly in 2018 to 6.5 percent.

2.19. Consumer prices in China increased by 1.7 percent (Y-o-Y) during November 2017, as compared to 1.9 percent in October 2017 and slightly below market expectations. The People's Bank of China has kept benchmark one-year lending rate at 4.35 percent and has been the same since last cut of 25 basis point in October, 2015. Unemployment rate in China remain unchanged at 3.95 percent in the third quarter of 2017 as compared to second quarter of 2017.

Russia:

2.20. The Russian economy grew 1.8 percent(Y-o-Y) in the third quarter of 2017, slowing down from 2.85 percent expansion in the previous quarter. The weaker expansion was likely caused by slower industrial production while other sectors like retail, construction and agriculture grew faster. The growth forecast for Russia is expected to remain at 1.8 percent for 2017 and 1.6 for 2018.

2.21. Consumer prices in Russia eased to 2.5 percent year-on-year in November 2017, from 2.7 percent in the previous month. The Central Bank of Russia has lowered its benchmark one-week repo rate to 7.75 percent. Russian unemployment remain unchanged at 5.1 percent in November of 2017 as compared to previous month.

South Africa

2.22. The South African economy advanced 0.8 percent (Y-o-Y) in the third quarter of 2017, below upwardly revised 1.3 percent expansion in the previous period which was the highest growth rate in two years. Still, figures matched market expectations. As per IMF's projections, the growth projections for South Africa are 0.7 percent for 2017 and 1.1 percent for 2018.

2.23. Consumer prices in South Africa increased 4.6 percent year-on-year in November 2017, easing from 4.8 percent in previous months and slightly below market expectations. The South African Reserve Bank kept its benchmark repo rate steady at 6.75 percent at its November meeting. The unemployment rate in South Africa remained at 27.7 percent in the third quarter of 2017 as compared to the previous period. It is the highest jobless rate since 2004.

3. Review of Global Financial Markets:

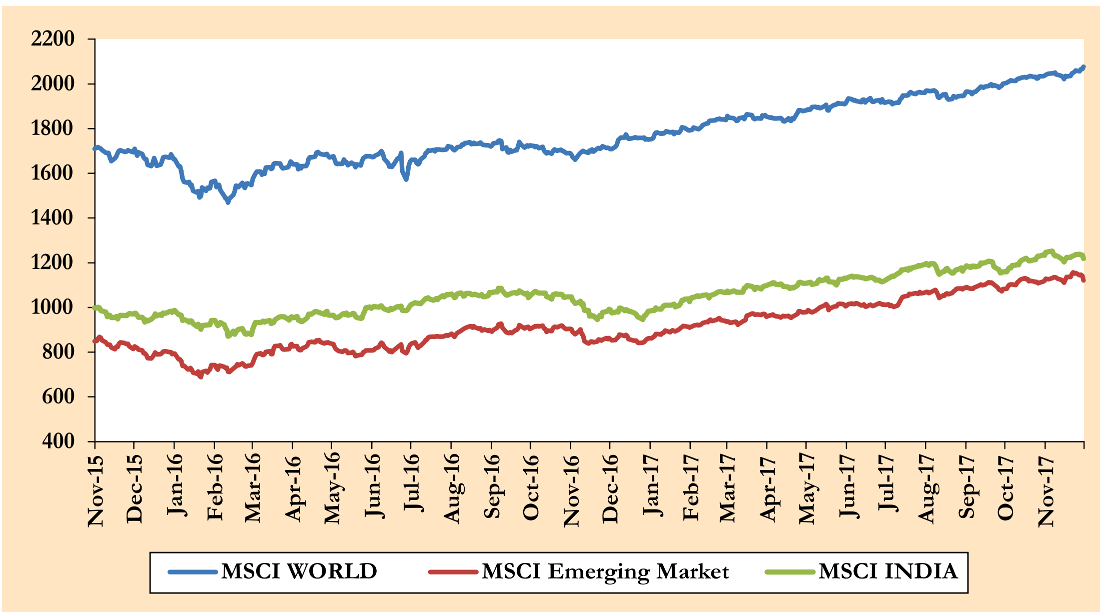
3.1. International Stocks advanced in dollar terms on the whole in November 2017, primarily lead by strong economic growth in Europe and Japan as well as optimism surrounding tax reforms in US. Although, political concerns prevailing in Germany and average corporate earnings in Europe did pull back some of the market momentum, but rising oil prices brought some relief to market sentiments. Emerging stocks also recorded slight positive returns on account of global demand for riskier asset class. Persistent rise in commodity prices and rallying of corporate earnings drove investment inflows into high risk assets. The MSCI Emerging Markets index rose for the second consecutive month upholding the steady trend of gains for 2017 on whole with minor exception of September. The MSCI Emerging Markets recorded marginal gains but overall underperformed the MSCI World

3.2. US equities fared well on account of investor optimism that proposed tax reforms would bring gains in corporate profitability. Eurozone equities suffered slight decline amid political uncertainty regarding formation of a new government in

Germany, although improvement in corporate earnings as well as strengthening currency of currency was observed. Japanese equities recorded a good performance as exports grew for the eleventh consecutive month and robust demand was seen in automobiles and electronics. Chinese stocks advanced as consumer and technology stocks performed well. Indian stocks retreated marginally as the month came to close after investors took profit on solid gains earlier. Markets had initially responded positively to the country's credit rating upgrade by Moody's.

3.3. MSCI World Index, which is a leading indicator for tracking the overall performance of stock markets in developed markets witnessed an increase of 2.0 percent. On the other hand, MSCI Emerging Market Index registered a marginal increase of 0.2 percent during November 2017. MSCI India Index registered a decline of 1.2 percent in November 2017 over the previous month. (Chart 5).

Chart 5: Movement in MSCI World and Emerging Market Index



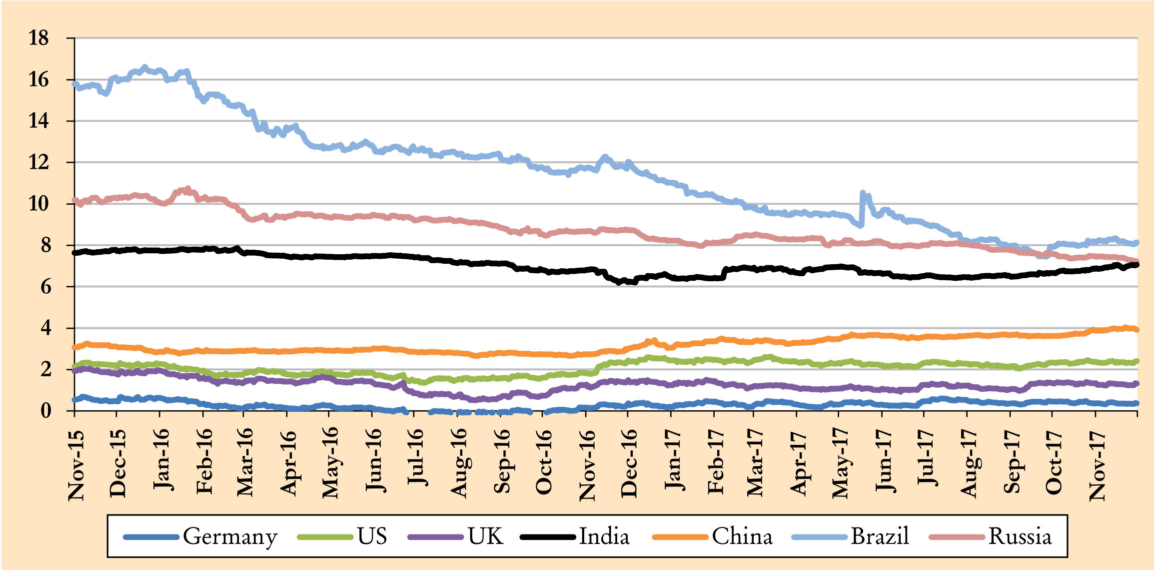
Source: Bloomberg

Bond Markets:

3.4. Government bond yield curves saw a degree of flattening over the month. The 10-year Treasury note's yield finished the month at 2.41 percent, higher as compared to 2.38 in the previous month. This reflected some progress toward tax reform and an associated increase in expectations for growth and interest rate hikes. UK gilts narrowed, and sterling declined, in response to the Bank of England's (BoE) rate hike U.K. 10-year gilt yields finished the month at 1.33 percent.

3.5. In Europe, German Bund yields dropped amid the European Central Bank's (ECB) announcement on tapering of bond purchases, which were halved to €30 billion a month, but extended to September 2018. The Japanese 10-year note's yield finished modestly lower.10 year German bond yields decreased to 0.37 percent at the end of November 2017. The 10 year government bond yield of China has increased marginally to 3.92 percent. The yield of India also increased to 7.06 percent while the Russian bond yield descended to 7.22 percent in November 2017.

Chart 6: Movement in 10 year bond yield of major countries



Source: *Bloomberg*

Currency Market:

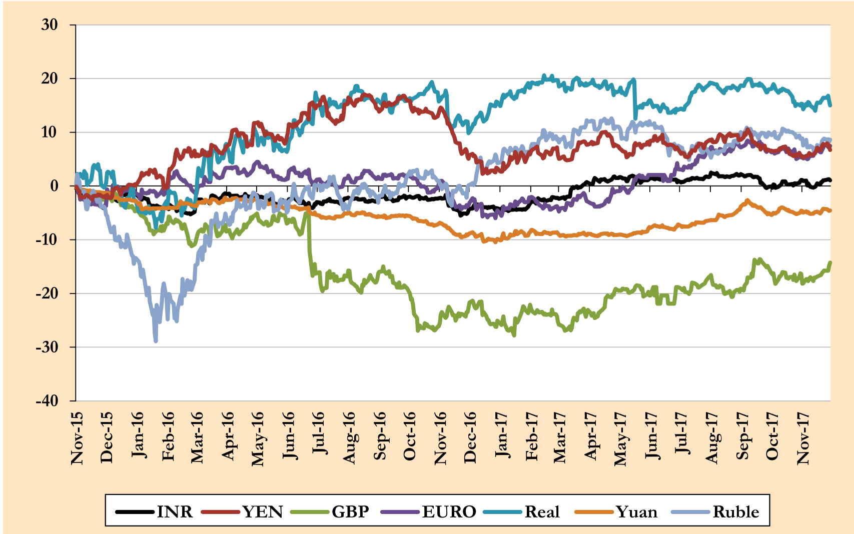
3.6. During November 2017 (by comparing the closing prices of the close of last trading days of the October and November), the U.S. dollar (USD) lost against 5 currencies out of 7 currencies (i.e. INR, YEN, GBP, EURO, Real, Yuan and Ruble) evaluated against it. The change in the currencies against dollar was GBP (2.32 percent), Euro (2.20 percent), Yen (0.57 percent), INR (0.48 percent), Yuan (0.46 percent), Real (-0.14 percent) and Ruble (-0.87 percent) respectively.

3.7. US Dollar Index, an index representing the strength of dollar against basket of other major currencies, observed to be 93.05 on close of November 2017, it lost 1.59 percent against the basket of major currencies during November 2017, and was 8.96 percent below the close of last trading day of 2016.

3.8. Comparing the closing prices of currencies in 2016 with the closing price of November, Euro changed by 11.44 percent followed by GBP (8.67 percent), INR (5.01 percent), Yuan (4.82 percent), Ruble (4.54 percent), Yen (3.54 percent) and Real (-0.72 percent) respectively.

3.9. Since the beginning of November 2015 till November 2017 (closing prices of the last trading days of October 2015 and November 2017 were compared), Brazilian Real and Russian Ruble appreciated 14.99 and 8.62 percent respectively against USD. During the same period, INR gained 1.06 percent. Other currencies such as Yen gained 6.72 percent against USD. Euro gained 7.45 percent against USD while GBP depreciated 14.23 percent against USD. Chinese Yuan has depreciated 4.55 percent against USD.

Chart 7: Movement of major currencies against US Dollar ($)



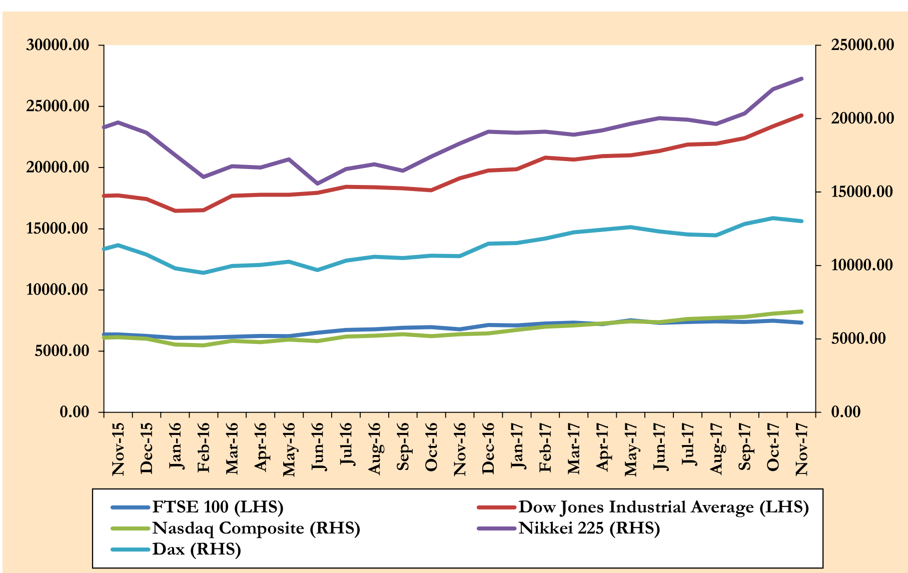
Source: Bloomberg

Trend in Market Indices:

3.10. Major stock indices all over the world exhibited a mixed trend during November 2017. Amongst the developed markets, Dow Jones of USA witnessed an increase of 3.8 percent, followed by Hang Seng of Hong Kong increasing by 3.3 percent and Nikkei 225 of Japan increasing by 3.2 percent during November 2017. On the contrary, a fall of 2.4 percent was registered by CAC 40 of France, followed by FTSE 100 of UK and DAX of Germany declining by 2.2 percent and 1.6 percent respectively during the same period.

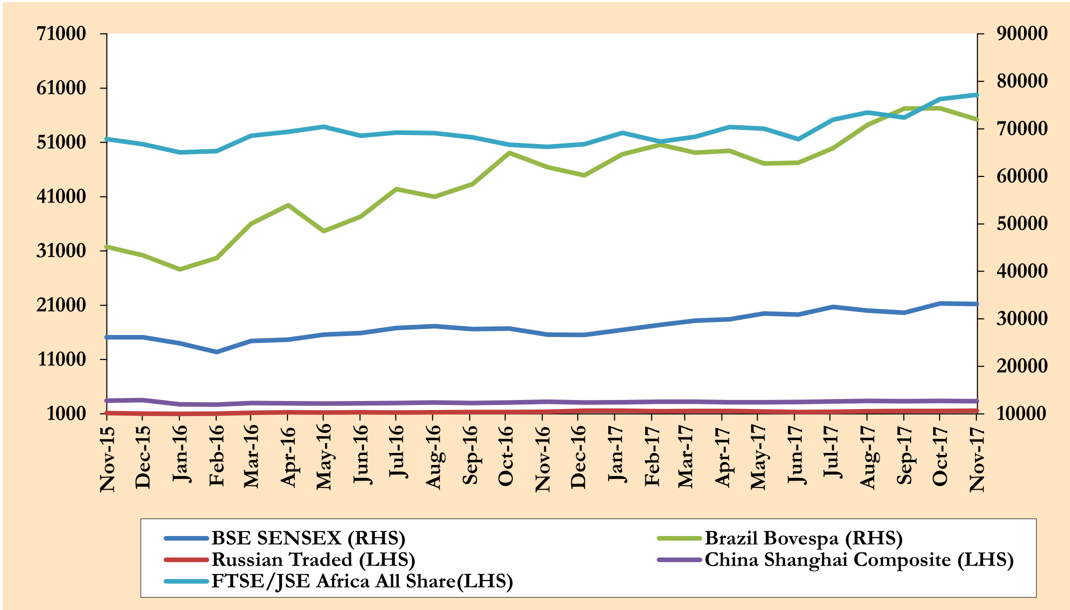
3.11. As regards the emerging market indices, Hermes of Egypt led the way with an increase of 3.3 percent, followed by Russian Traded of Russia which increased by 2.6 percent and IGBC General of Colombia which also recorded an increase of 1.7 percent during November 2017. On the contrary, a steep fall of 10.5 percent was registered by Stock market Select of Chile, followed by ISE National 100 of Turkey and Bolsa of Mexico declining by 5.6 percent and 3.2 percent respectively during the same period.

Chart 8: Trend in Major Developed Market Indices



Source: Bloomberg

Chart 9: Trend in Market Indices of BRICS Nations



Source: *Bloomberg*

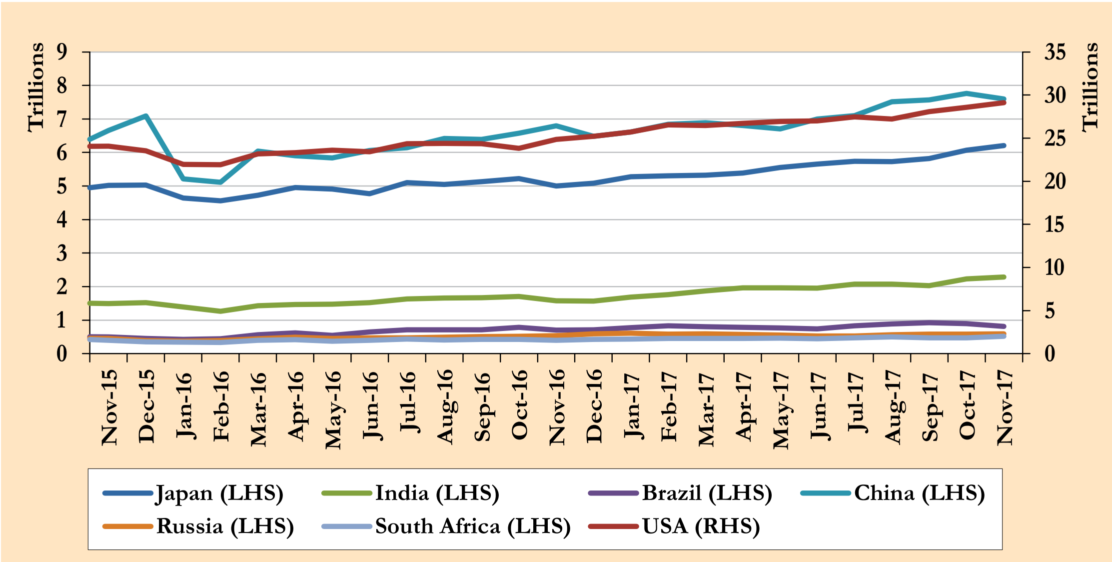
Market Capitalisation:

3.12. Market capitalisation of major countries in the world, at the end of November 2017, is given in table A6 and is illustrated in Chart 10. The market capitalisation of most of the major countries showed a fairly positive trend during the month of November 2017.

3.13. Among major developed markets, the market capitalisation of Hong Kong increased significantly by 3.1 percent while Japan showed an increase of 2.3 percent during November 2017. USA and Germany also showed an increase in their market capitalisation by 1.9 percent and 1.6 percent respectively while the market capitalisation of Singapore and UK also increased by 1.5 percent and 0.7 percent respectively at the end of November 2017.

3.14. As regards the emerging markets, the market capitalisation of India increased by 2.4 percent to USD 2.2 trillion while China's market capitalisation witnessed a decrease by 2.1 percent to USD 7.5 trillion. The market capitalization of South Africa and South Korea ascended by 8.5 percent and 4.4 percent respectively. Mexico and Argentina showed increase in their market capitalisation and rose by 4.5 percent and 3.5 percent respectively at the end of November 2017.On the contrary, market capitalisation of Brazil and Chile declined notably by 9.0 percent and 10.5 percent while Turkey also showed a decrease of 9.0 percent in its market capitalisation in November 2017.

Chart 10: Trend in Market Capitalisation of Major Exchanges (US$ Trillion)



Source: *Bloomberg*

Derivatives Market:

3.15. Among the major stock exchanges covered in the review (Table A4 & A5), during November 2017, the monthly notional turnover of index futures in CME Group was the highest at USD 5,172 billion followed by EUREX (USD 2,029 billion), Japan Exchange Group (USD 1,319 billion) and Hong Kong Exchanges and Clearing (USD 898 billion). In case of Index options, Korea Exchange recorded the monthly turnover of USD 4,504 billion followed by CME Group (USD 2,791 billion) and EUREX (USD 1,474 billion). Korea Exchange recorded highest number of contracts traded in Index option category, with 59.6 million contracts traded in November 2017, followed by Chicago Board Options Exchange (45 million contracts), EUREX (33.4 million contracts) and TAIFEX (17.2 million contracts).

3.16. In case of Stock Options, Nasdaq - US recorded highest volume (62.6 million contracts) in terms of contracts traded on the major world exchanges followed by BM&FBOVESPA (61.7 million contracts), Chicago Board Options Exchange (39.3 million contracts), NYSE (34.2 million contracts) and EUREX (15.6 million contracts). In case of Stock Futures, Korea Exchange remains the number one exchange in terms of number of contracts traded with monthly volume of 33.8 million contracts, followed by Moscow Exchange (21.3 million contracts), EUREX (5.7 million contracts) and Thailand Futures Exchange (4.7 million contracts).

4. Review of Indian Economy

4.1. As per the latest available release of Ministry of Statistics and Programme Implementation for quarterly estimates of GDP, for Q2 of 2017-18, quarterly GVA (Gross Value Added) at basic price of 2011-12 has shown a growth rate of 6.1 per cent (Y-o-Y) against 6.8 percent of same quarter of previous fiscal year. Agriculture sector's GVA at basic price has been estimated at 1.7 percent in Q2 of 2017-18 as against 4.1 per cent of same quarter of previous fiscal year. Manufacturing sector grew by 7.0 percent as compared to growth of 7.7 percent in previous fiscal year. For the financial, real estate and professional services sector, quarterly GVA at basic prices, grew by 5.7 percent as compared to growth of 7.0 percent in previous fiscal year.

4.2. GDP in FY 2016-17 has shown a growth rate of 7.1 percent (Y-o-Y). The World Bank has downgraded India's economic growth forecasts to 7.0 percent and 7.5 percent for 2017 and 2018 respectively.

4.3. The Nikkei India Manufacturing PMI (Purchasing Managers' Index) stood at 52.6 in November against 50.3 in previous month. The Nikkei India Services PMI Index noted 50.3 in November against 51.3 in October.

Exhibit 3: Quarterly Estimates of GVA (Y-o-Y) (at 2011-12 prices)

Items	2016-17				2017-18	
	Q1	Q2	Q3	Q4	Q1	Q2
1. Agriculture & allied activities	2.5	4.1	6.9	5.2	**2.3**	1.7
2. Mining & Quarrying	-0.9	-1.3	1.9	6.4	-0.7	5.5
3. Manufacturing	10.7	7.7	8.2	5.3	1.2	7.0
4. Electricity, Gas, Water Supply & Other Utility Services	10.3	5.1	7.4	6.1	7.0	7.6
5. Construction	3.1	4.3	3.4	-3.7	2.0	2.6
6. Trade, Hotel, Transport, Communication and services related to broadcasting	8.9	7.7	8.3	6.5	11.1	9.9
7. Financial, Real Estate & Professional Services	9.4	7.0	3.3	2.2	6.4	5.7
8. Public Administration, Defense and Other services	8.6	9.5	10.3	17	9.5	6.0
Gross Value Added at Basic Price	**7.6**	**6.8**	**6.7**	**5.6**	**5.6**	**6.1**
GDP	**7.9**	**7.5**	**7.0**	**6.1**	**5.7**	**6.3**

Source: CSO

Index of Industrial Production

4.4. India's General Index of Industrial Production (IIP) increased by 2.2 percent in October 2017, against 4.2 percent growth recorded in October 2016 (both over the corresponding period in the previous year), with manufacturing growing by 2.5 percent as compared to its 4.8 percent growth in previous year. Electricity grew at 3.2 percent in October as compared to 3.0 percent growth in previous year. Mining grew by 0.2 percent in October, compared to 1.0 percent contraction in previous year. During April-October 2017-18, the IIP grew 2.5 percent, against 5.5 percent growth recorded in April-October 2016-17.

Inflation

4.5. India's CPI inflation grew by 4.88 percent in November, against 3.58 in previous month. Food prices (as measured by CFPI) showed an increase of 4.42 percent in November as compared to growth of 1.90 percent in last month. The Repo rate currently stands at 6.00 percent.

4.6. Exports during November 2017 contracted by 30.55 percent in dollar terms valued at USD 26.24 billion as compared to USD 20.07 billion during same month of last year. Imports increased by 19.61 percent to USD 40.02 billion in November 2017 from 33.46 billion during the same month of last year. The merchandise trade deficit was USD 13.83 billion in during November 2017, against the deficit of USD 13.44 billion of November 2016. Taking merchandise and services together, overall trade deficit for April- November 2017-18 was estimated at USD 60.93 billion, against the deficit of USD 30.14 billion during April-November 2016-17.

Foreign Exchange Reserves

4.7. Since the end of March 2017, forex reserves have increased by about USD 30,787.10 million. The reserves were recorded at USD 400.74 billion as on 24 November 2017. (Exhibit 4)

Exhibit 4: Foreign Exchange Reserves (USD billion)

	24 Nov 2017	27 Oct 2017	29 Sep 2017	25 Aug 2017
Total Reserves	400.7	398.8	399.7	394.6
Foreign Currency Assets	376.3	373.8	375.2	370.8
Gold	20.7	21.2	20.7	19.9
SDRs	1.5	1.5	1.5	1.5
Reserve Position in the IMF	2.3	2.3	2.3	2.3

Source: RBI

5. Annex Tables:

Table A1: Trend in major International Indices

Country	Index	As on March*,2016	As on March*,2017	As on October* , 2017	As on November*, 2017
1	2	3	4	5	6
Australia	All Ordinaries	5151.8	5903.8	5976.40	6057.21
France	CAC 40	4385.1	5089.6	5503.29	5372.79
Germany	Dax	9965.5	12256.4	13229.57	13023.98
Hong Kong HSI	Hang Seng	20776.7	24111.6	28245.54	29177.35
Japan NIKKEI	Nikkei 225	16758.7	18909.3	22011.61	22724.96
Singapore STI	Straits Times	2840.9	3175.1	3374.08	3433.54
UK	FTSE 100	6174.9	7322.9	7493.08	7326.67
USA DOW JONES	Dow Jones Industrial Average	17685.1	20663.2	23377.24	24272.35
USA NASDAQ Composite	Nasdaq Composite	4869.8	5911.7	6727.67	6873.97
India (BSE)	Sensex	25341.9	29620.5	33213.13	33149.35
India (NSE)	Nifty 50	7738.4	9173.8	10335.30	10226.55
Brazil	Bovespa	50055.3	64984.1	74308.49	71970.99
Chile	Stock Market Select	3937.5	4783.4	5588.08	5003.40
China	Shanghai SE Composite IX	3003.9	3222.5	3393.34	3317.19
Colombia	IGBC General	9871.5	10150.7	10631.81	10808.29
Egypt	Hermes	687.3	1167.8	1352.16	1396.15
Hungary	Budapest Stock Exchange	26451.0	31634.3	39611.64	38673.73
Indonesia	Jakatra Composite	4845.4	5568.1	6005.78	5952.14
Malaysia	FTSE Bursa Malaysia KLCI	1717.6	1740.1	1747.92	1717.86
Mexico	Bolsa	45881.1	48541.6	48625.53	47092.45
Pakistan	Karachi 30	19167.5	25615.6	19995.40	20108.91
Russia	Russian Traded	1203.3	1509.7	1522.17	1562.43
South Africa	FTSE/JSE Africa All Share	52250.3	52056.1	58980.11	59772.83
Taiwan	Taiwan Taiex	8744.8	9811.5	10793.80	10560.44
Thailand	Stock Exchange of Thai	1407.7	1575.1	1721.37	1697.39
Turkey	ISE National 100	83268.0	88947.4	110142.60	103984.40

*Indices are as on last trading day of the month,

Source: Bloomberg

Table A2: Volatility and P/E Ratio of Major International Indices

Country	Index	Volatility (per cent)		P/E Ratio	
		Oct-17	Nov-17	Oct-17	Nov-17
1	2	3	4	5	6
Developed Markets					
Australia	All Ordinaries	0.4	0.4	16.4	16.6
France	CAC 40	0.4	0.5	16.1	15.8
Germany	Dax	0.4	0.7	14.9	14.7
Hong Kong HSI	Hang Seng	0.9	0.8	12.8	13.2
Japan NIKKEI	Nikkei 225	0.4	0.9	NA	NA
Singapore STI	Straits Times	0.5	0.5	15.4	15.7
UK	FTSE 100	0.4	0.5	15.2	14.9
USA DOW JONES	Dow Jones Industrial Average	0.3	0.5	18.6	19.3
USA NASDAQ Composite	Nasdaq Composite	0.6	0.6	24.1	24.3
Emerging Markets					
India (BSE)	S&P Sensex	0.5	0.6	23.4	23.7
India (NSE)	Nifty 50	0.5	0.6	22.2	22.5
Argentina	Indice Bolsa General	1.2	1.6	16.9	16.7
Brazil	Bovespa	1.1	1.5	14.2	13.8
Chile	Stock Market Select	0.6	1.6	21.8	19.0
China	Shanghai SE Composite IX	0.3	0.7	14.6	14.6
Colombia	IGBC General	0.6	0.7	16.6	17.2
Egypt	Hermes	0.8	1.0	11.1	11.7
Hungary	Budapest Stock Exchange	0.5	0.9	11.0	11.4
Indonesia	Jakatra Composite	0.5	0.5	17.5	17.5
Malaysia	FTSE Bursa Malaysia KLCI	0.2	0.3	16.3	15.8
Mexico	Bolsa	0.7	0.6	17.7	17.5
Pakistan	Karachi 30	1.4	1.0	9.3	9.5
Russia	Russian Traded	0.7	1.4	7.1	7.2
South Korea	Kospi Index	0.6	0.6	11.8	11.2
South Africa	FTSE/JSE Africa All Share	0.4	0.6	15.9	16.4
Taiwan	Taiwan Taiex	0.4	0.5	13.9	13.9
Thailand	Stock Exchange of Thai	0.6	0.5	17.1	17.1
Turkey	ISE National 100	1.1	1.5	9.1	8.4

NA.: Not Available

Source: Bloomberg,

Table A3: Investment Flows – New capital Raised by Shares and Bonds in the Major Exchanges

Stock Exchange	Oct-17			Nov-17		
	Bonds (USD Million)	Equity (USD Million)	Total (USD Million)	Bonds (USD Million)	Equity (USD Million)	Total (USD Million)
Australian Securities Exchange	NA	4,578	4,578	NA	2,955	2,955
BME Spanish Exchanges	NA	1,042	1,042	NA	2,007	2,007
Bolsa de Comercio de Buenos Aires	3,271	2	3,273	5,877	0	5,877
Borsa Istanbul	8,319	24	8,343	4,107	248	4,354
Euronext	NA	11,423	11,423	NA	3,342	3,342
Hong Kong Exchanges and Clearing	5,657	6,138	11,795	19,184	17,510	36,693
Irish Stock Exchange	4,657	846	5,503	1,484	82	1,567
Japan Exchange Group Inc.	5,923	1,890	7,813	NA	NA	NA
Johannesburg Stock Exchange	4,355	713	5,068	2,815	389	3,204
Korea Exchange	33,792	65	33,857	41,795	518	42,313
London SE Group	40,789	8,505	49,294	32,471	12,087	44,558
Moscow Exchange	22,921	253	23,174	17,309	1	17,310
Nasdaq - US	NA	1,379	1,379	NA	1,223	1,223
Nasdaq Nordic Exchanges	4,404	1,210	5,614	3,840	269	4,109
NYSE	NA	6,632	6,632	NA	12,978	12,978
Oslo Bors	4,276	286	4,563	4,262	1,599	5,861
Shanghai Stock Exchange	NA	7,347	7,347	NA	18,844	18,844
Shenzhen Stock Exchange	2,910	8,864	11,773	1,091	8,308	9,399
Singapore Exchange	17,166	1,089	18,255	22,229	1,188	23,417
SIX Swiss Exchange	6,877	0	6,877	5,748	38	5,786
Tel-Aviv Stock Exchange	2,112	220	2,332	1,945	293	2,238
TMX Group	109	2,116	2,224	467	2,921	3,388
Warsaw Stock Exchange	NA	179	179	NA	160	160

NA: Not Available
Source: World Federation of Exchanges

Table A4: Monthly Turnover in Derivatives (Stock options and Stock futures) in major Stock Exchanges

Exchange	Nov-17			
	Stock options		Stock futures	
	Number of contracts traded	Notional turnover (USD Million)	Number of contracts traded	Notional turnover (USD Million)
Americas				
BM&FBOVESPA	6,17,04,936	40,358	0	0
Bolsa de Comercio de Buenos Aires	36,66,262	0	0	0
Chicago Board Options Exchange	3,92,69,975	NA	NA	NA
Nasdaq - US	6,26,07,158	NA	NA	NA
NYSE	3,42,14,728	9,375	NA	NA
Asia - Pacific				
Australian Securities Exchange	61,75,090	13,641	1,10,692	158
Hong Kong Exchanges and Clearing	1,34,35,970	48,110	7,291	85
Japan Exchange Group	51,981	NA	NA	NA
Korea Exchange	23,36,495	NA	3,37,96,122	33,199
TAIFEX	17,218	77	22,07,400	14,428
Thailand Futures Exchange	NA	NA	46,58,784	NA
Europe - Africa - Middle East				
Athens Derivatives Exchange	1,285	1	14,07,584	158
BME Spanish Exchanges	17,90,288	1,736	52,596	47
Borsa Istanbul	3,05,464	66	26,82,812	519
EUREX	1,56,45,595	83,016	56,58,266	29,535
Euronext	76,83,659	26,539	20,197	224
Johannesburg Stock Exchange	8,78,141	68	14,68,029	1,399
Moscow Exchange	2,42,904	80	2,12,92,583	7,154
Nasdaq Nordic Exchanges	NA	NA	NA	NA
Oslo Bors	0	0	0	0
Tehran Stock Exchange	16,47,370	1	0	0
Tel-Aviv Stock Exchange	53,279	325	NA	NA

NA: Not Available
Source: World Federation of Exchanges

Table A5: Monthly Turnover in Derivatives (Index options and Index futures) in major Stock Exchanges

Exchange	Nov-17			
	Stock index options		Stock index futures	
	Number of contracts traded	Notional turnover (USD Million)	Number of contracts traded	Notional turnover (USD Million)
Americas				
BM&FBOVESPA	17,83,770	22,122	3,62,64,898	1,95,800
Chicago Board Options Exchange	4,50,18,175	NA	NA	NA
CME Group	1,59,09,781	27,91,490	4,13,09,148	51,72,280
ICE Futures US	2,020	303	24,81,498	2,09,095
MexDer	279	7	43,808	1,113
Nasdaq - US	2,73,800	NA	NA	NA
Asia - Pacific				
Australian Securities Exchange	11,39,018	50,404	7,02,927	78,479
Hong Kong Exchanges and Clearing	30,51,464	3,38,829	77,84,040	8,97,755
Japan Exchange Group	42,11,311	NA	3,30,37,459	13,18,610
Korea Exchange	5,95,69,336	45,03,820	69,57,799	3,96,228
Singapore Exchange	11,51,759	NA	1,42,30,608	NA
TAIFEX	1,71,89,400	3,07,379	53,42,662	2,68,848
Thailand Futures Exchange	86,094	NA	26,06,498	NA
Europe - Africa - Middle East				
Athens Derivatives Exchange	16,644	76	49,275	223
BME Spanish Exchanges	4,07,702	4,843	7,41,815	71,179
Borsa Istanbul	17,250	59	45,05,814	15,428
EUREX	3,33,61,050	14,73,530	3,42,73,071	20,29,090
Euronext	15,16,077	96,768	33,12,996	2,59,786
Johannesburg Stock Exchange	4,21,785	159	9,26,523	24,209
Moscow Exchange	32,55,065	7,467	1,16,01,260	25,788
Nasdaq Nordic Exchanges	NA	NA	NA	NA
Oslo Bors	0	0	0	0
Tel-Aviv Stock Exchange	33,27,817	NA	NA	NA
Warsaw Stock Exchange	31,979	222	3,34,452	4,666

NA: Not Available

Source: World Federation of Exchanges

Table A6: Market Capitalisation of major Stock Exchanges (US$ Million)

Stock Exchange	Sep-17	Oct-17	Nov-17	M-o-M change(%)
1	*2*	*3*	*4*	*5*
Developed Markets				
Australia	12,94,956	13,19,877	13,21,861	0.2
France	25,02,531	25,30,088	25,44,643	0.6
Germany	23,52,442	23,88,398	24,27,201	1.6
Hong Kong	49,86,881	51,60,102	53,22,506	3.1
Japan	58,17,558	60,68,227	62,08,398	2.3
Singapore	5,46,951	5,67,490	5,75,936	1.5
UK	36,19,296	36,49,211	36,75,726	0.7
USA	2,80,55,837	2,85,60,968	2,91,12,869	1.9
Emerging Markets				
India	20,30,816	22,31,750	22,84,752	2.4
Argentina	96,639	1,02,066	1,05,595	3.5
Brazil	9,17,775	8,90,369	8,10,139	(9.0)
Chile	2,71,857	2,85,897	2,55,837	(10.5)
China	75,68,913	77,60,054	75,98,971	(2.1)
Colombia	1,10,005	1,06,659	1,08,937	2.1
Egypt	44,240	45,904	48,308	5.2
Hungary	29,006	30,794	30,553	(0.8)
Indonesia	4,77,893	4,84,695	4,91,539	1.4
Malaysia	4,16,954	4,19,465	4,16,597	(0.7)
Mexico	3,99,984	3,73,146	3,89,831	4.5
Pakistan	83,478	79,608	79,320	(0.4)
Russia	5,86,066	5,79,475	5,87,261	1.3
South Korea	15,06,031	16,29,323	17,00,748	4.4
South Africa	4,70,069	4,75,233	5,15,763	8.5
Taiwan	11,48,333	11,96,126	12,01,663	0.5
Thailand	4,85,971	5,02,678	5,08,246	1.1
Turkey	2,15,945	2,13,913	1,93,760	(9.4)

M-o-M: Month on Month.
***Source:** Bloomberg*

Sources:

1. OECD database
2. Bureau of Economic Analysis (US)
3. Bureau of Labor Statistics (US)
4. The Conference Board (US)
5. The Federal Reserve System (US)
6. Institute for Supply Management (US)
7. Office for National Statistics (UK)
8. Bank of England (UK)
9. The Cabinet Office (Japan)
10. Statistics Bureau, Director-General for Policy Planning (Statistical Standards) (Japan)
11. Bank of Japan
12. Eurostat (EA18 and EU27)
13. European Central Bank (EA18)
14. *InstitutoBrasileiro de Geografia e Estatística* (Brazilian Institute of Geography and Statistics)
15. *Banco Central do Brasil* (Central Bank of Brazil)
16. Federal State Statistics Service (Russian Federation)
17. The Central Bank of the Russian Federation
18. The Central Statistical Office (India)
19. Office of the Economic Adviser to the Government of India
20. The Reserve Bank of India
21. National Bureau of Statistics of China
22. Peoples Bank of China
23. Markit Financial Information Services
24. World Federation of Exchanges
25. Bloomberg
26. BSE Ltd.
27. The National Stock Exchange
28. The Bank of Korea
29. Bank Indonesia
30. Central Bank of The Republic of Turkey
31. IMF
32. World Bank

HIGHLIGHTS OF DEVELOPMENTS IN INTERNATIONAL SECURITIES MARKETS

1. More Than $16 Million Awarded to Two Whistleblowers

30th November, 2017: SEC announced awards of more than $8 million each to two whistleblowers whose critical information and continuing assistance helped the agency bring the successful underlying enforcement action. With this case, SEC enforcement actions involving whistleblower awards have now resulted in more than $1 billion in financial remedies ordered against wrongdoers. The SEC's whistleblower program has now awarded more than $175 million to 49 whistleblowers since issuing its first award in 2012. All payments are made out of an investor protection fund established by Congress that is financed entirely through monetary sanctions paid to the SEC by securities law violators. Whistleblower awards can range from 10 percent to 30 percent of the money collected when the monetary sanctions exceed $1 million.

Source: https://www.sec.gov/news/pressrelease/2017-216.html

2. SEC Warns Investors About Paid-to-Click Scams.

7th November, 2017: The SEC is warning investors to beware online "paid-to-click" scams that promise an easy payday by merely purchasing a membership or an advertising product up front and then clicking on a certain number of online ads each day. The SEC's investor alert explains that these online advertising programs may have little to no revenues besides membership fees or sales of "ad packs" and may be nothing more than a Ponzi scheme. The SEC filed an enforcement case that was unsealed last week in federal court in Florida, alleging that roughly 99 percent of the purported "profits" paid to earlier investors came directly from the buy-in fees collected from newer investors. According to the SEC's investor alert, online advertising programs also can target those with something to advertise, promising to display a company's ads on their network or guaranteeing traffic to a website by simply paying a membership fee or buying ad packs.

Source: https://www.sec.gov/news/pressrelease/2017-208.html

3. IOSCO reports on implementation of G20/FSB recommendations to strengthen securities markets

8th November, 2017: IOSCO published a report *The Implementation Report: G20/FSB Recommendations related to Securities Markets* and is designed to provide further clarity on the recommendations and the role of securities market regulators in overseeing how these recommendations are implemented. For this report IOSCO coordinated with the Financial Stability Board (FSB) to analyse the responses to the FSB's 2017 Implementation Monitoring Network (IMN) survey. The report covers the following areas relating to securities markets: Hedge funds; Structured products and securitisation; Oversight of CRAs; Measures to safeguard the integrity and efficiency of markets; and Commodity derivative markets.

Source: https://www.iosco.org/news/pdf/IOSCONEWS479.pdf

4. IOSCO report provides new data on global hedge fund industry

23rd November, 2017: IOSCO published its Report on the *Fourth IOSCO Hedge Fund Survey*, which provides regulators new insights into the global hedge fund industry and the potential systemic risks this industry may pose to the international financial system. The latest survey makes the following observations:

- In the two years since the previous results, global assets under management (AUM) of hedge funds captured by the Survey rose 24% to US $3.2 trillion.
- The Cayman Islands continues to be the fund domicile of choice, making up 53% of the global total by net asset value (NAV).
- Gross leverage of the hedge funds in the Survey was 7.1x NAV.
- There is a considerable liquidity buffer,
- 3.8% of hedge fund assets had constrained redemptions through the use of liquidity management tools, such as gates, suspensions, or side pockets.

Source: https://www.iosco.org/news/pdf/IOSCONEWS481.pdf

Tables

N.B.:

1. **Na = Not Applicable**
2. **NA: Not Available**
3. **1 crore = 10 million = 100 lakh.**
4. **The total provided in the Annexure and Statistical Tables may not always match with the sum total of the break-ups due to decimal differences.**
5. **The data for the current month is provisional.**

Table 1: SEBI Registered Market Intermediaries/Institutions

Market Intermediaries	2016-17	2017-18$
Stock Exchanges (Cash Market)	5	5
Stock Exchanges (Equity Derivatives Market)	3	3
Stock Exchanges (Currency Derivatives Market)	3	3
Stock Exchanges (Commodity Derivatives Market)	10	9
Brokers (Cash Segment)*	3,192	3,184
Corporate Brokers (Cash Segment)*	2,775	2,772
Brokers (Equity Derivatives Market)	2,651	2,654
Brokers (Currency Derivatives Market)	1,985	1,996
Brokers (Debt Segment)	6	9
Brokers (Commodity Derivatives Market)	1,162	**
Sub-brokers (Cash Segment)*	30,610	26,199
Foreign Portfolio Investors (FPIs)	7,807	8,991
Deemed FPIs	974	0
Custodians	19	19
Depositories	2	2
Depository Participants-NSDL	276	***
Depository Participants-CDSL	588	***
Merchant Bankers	189	187
Bankers to an Issue	64	65
Underwriters	2	1
Debenture Trustees	32	32
Credit Rating Agencies	7	7
KYC Registration Agency (KRA)	5	5
Registrars to an Issue & Share Transfer Agents	73	73
Venture Capital Funds	198	182
Foreign Venture Capital Investors	218	220
Alternative Investment Funds	303	350
Portfolio Managers	218	260
Mutual Funds	45	45
Investment Advisors	577	797
Research Analysts	351	453
Infrastructure Investment Trusts (InVIT)	6	6
Real Estate Investment Trusts (REITs)	0	1
Collective Investment Management Company	1	1
Approved Intermediaries (Stock Lending Schemes)	2	2
STP (Centralised Hub)	1	1
STP Service Providers	2	2

Notes:

1. *** Stock brokers/sub-brokers pertaining to active stock exchanges**
2. **** The data regarding registered Brokers in comodity derivatives as on November 30, 2017 could not be obtained as their systems are not functioning after migration in share portal.**
3. ***** The division has informed that they are in discussion with Depositories to iron out discrepancies in the figures and hence, will not be able to provide the data as on November 30, 2017**

$ indicates as on November 30, 2017

Source: SEBI, NSDL.

NA - Data not available

Table 2: Company-Wise Capital Raised through Public and Rights Issues (Equity)

S.No.	Name of the Issuer/ Company	Date of Opening	Type of Issue	Type of Instrument	No. of Shares Issued	Face Value (₹)	Premium Value (₹)	Issue Price (₹)	Size of Issue (₹ crore)
1	SecUR Credentials Ltd	1-Nov-17	SME IPO	Equity Shares	1467000	10	195	205	30.1
2	New India Assurance Company Ltd	1-Nov-17	IPO	Equity Shares	120000000	5	795	800	9467.0
3	Khadim India Ltd	2-Nov-17	IPO	Equity Shares	7240759	10	740	750	543.1
4	HDFC Standard Life Insurance Company Ltd	7-Nov-17	IPO	Equity	299827818	10	280	290	8695.0
5	ANI Integrated Services Ltd	8-Nov-17	SME IPO	Equity Shares	2565600	10	90	100	25.7
6	Sanghvi Brands Ltd	10-Nov-17	SME IPO	Equity Shares	2748000	10	59	69	19.0
7	Hind Rectifiers Ltd	10-Nov-17	Rights	Equity Shares	1505793	2	78	80	12.1
8	Vertoz Advertising Ltd	14-Nov-17	SME IPO	Equity Shares	1584000	10	98	108	17.1
9	HCL Infosystems Ltd	14-Nov-17	Rights	Equity Shares	106190299	2	45	47	499.1
10	Pulz Electronics Ltd	14-Nov-17	SME IPO	Equity Shares	726000	10	44	54	3.9
11	Sharika Enterprises Ltd	15-Nov-17	SME IPO	Equity Shares	3225000	10	33	43	13.9
12	Ambition Mica Ltd	16-Nov-17	SME IPO	Equity	3000000	10	32	42	12.6
13	Silver Touch Technologies Ltd	20-Nov-17	SME IPO	Equity Shares	3324000	10	111	121	40.2
14	Zodiac Energy Ltd	23-Nov-17	SME IPO	Equity Shares	1950000	10	42	52	10.1
15	Felix Industries Ltd	23-Nov-17	SME IPO	Equity Shares	1368000	10	25	35	4.8
16	Shradha Infraprojects (Nagpur) Ltd	27-Nov-17	SME IPO	Equity Shares	2704000	10	60	70	18.9
17	ICE Make Refrigeration Ltd	28-Nov-17	SME IPO	Equity Shares	4160000	10	47	57	22.9
18	VIP Clothing Ltd	28-Nov-17	Rights	Equity Shares	16519304	2	24	26	43.0
19	Innovana Thinklabs Ltd	29-Nov-17	SME IPO	Equity Shares	1100000	10	60	70	7.7
20	Jost's Engineering Company Limited	30-Nov-17	SME IPO	Equity Shares	168223	10	584	594	10.0

Note: 1. All the issues are compiled from the Prospectus' of Issuer Companies filed with SEBI.
Source: SEBI.

Table 3: Open Offers under SEBI Takeover Code closed

S.No.	Target Company	Acquirer	Offer Opening Date	Offer Closing Date	Offer Size		Offer Price (₹) per share
					No. of Shares	Percent of Equity Capital	
1	UV BOARDS LTD	UNIPLY INDUSTRIES LTD.	26-10-17	08-11-17	3,20,43,141	26	25.0
2	RITA FINANCE AND LEASING LTD	PAWAN KUMAR MITTAL AND KIRAN MITTAL	07-11-17	20-11-17	7,28,000	26	15.6
3	RUIA AQUACULTURE FARMS LTD.	AIR CONTROL INDIA PVT LTD AND OTHERS	09-11-17	22-11-17	13,00,000	26	21.0
4	F MEC INTERNATIONAL FINANCIAL SERVICES LTD	PANKAJ KUMAR AND MANOJ KUMAR	13-11-17	24-11-17	8,06,182	26	9.2
5	CAPITAL INDIA FINANCE LTD	TRIDENT HOLDING LLP	17-11-17	30-11-17	11,55,891	33	11.5
6	TASTY BITE EATABLES LTD.	EFFEM HOLDINGS LTD	17-11-17	30-11-17	6,61,190	26	5323.9

Source: SEBI.

Table 4: Substantial Acquisition of Shares and Takeovers

Year/Month	Open Offers							
	Objectives						Total	
	Change in Control of Management		Consolidation of Holdings		Substantial Acquisition		No. of offers	Amount (₹ crore)
	No. of offers	Amount (₹ crore)	No. of offers	Amount (₹ crore)	No. of offers	Amount (₹ crore)		
2016-17	**42**	**5,338**	**4**	**78**	**3**	**366**	**49**	**5,782**
2017-18$	**32**	**1,477**	**2**	**36**	**4**	**221**	**38**	**1,734**
Apr-17	9	587	0	0	0	0	9	587
May-17	4	438	1	3	0	0	5	441
Jun-17	5	73	0	0	1	2	6	75
Jul-17	3	13	0	0	0	0	3	13
Aug-17	1	1	0	0	1	124	2	125
Sep-17	3	1	0	0	0	0	3	1
Oct-17	2	6	1	33	2	95	5	134
Nov-17	5	358	0	0	0	0	5	358

$ indicates as on November 30, 2017
Source: SEBI.

Table 5: Capital Raised from the Primary Market through though Public and Rights Issues

Year/ Month	Total		Category-wise				Issue-type				Instrument-wise							
			Public		Rights		Listed		IPOs		Equities				CCPS/FCDs*		Debt	
											At Par		At Premium					
	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)
2016-17	**133**	**61,848**	**121**	**58,433**	**12**	**3,415**	**28**	**32,753**	**105**	**29,095**	**1**	**3**	**117**	**32,518**	0	0	**15**	**29,328**
2017-18$	**134**	**70,319**	**122**	**66,644**	**12**	**3,675**	**17**	**7,583**	**117**	**62,736**	**1**	**2**	**129**	**66,393**	0	0	**4**	**3,896**
Apr-17	12	3,200	10	2,833	2	368	3	2,337	9	864	0	0	11	1,232	0	0	1	1,969
May-17	7	1,480	7	1,480	0	0	0	0	7	1,480	0	0	7	1,480	0	0	0	0
Jun-17	15	5,632	14	5,512	1	120	1	120	14	5,512	0	0	15	5,632	0	0	0	0
Jul-17	15	2,820	14	2,621	1	199	3	1,911	12	909	0	0	13	1,090	0	0	2	1,713
Aug-17	12	1,920	12	1,920	0	0	1	215	11	1,705	1	2	10	1,703	0	0	1	215
Sep-17	42	17,163	40	17,142	2	21	2	21	40	17,142	0	0	42	17,163	0	0	0	0
Oct-17	11	18,608	9	16,205	2	2,403	2	2,403	9	16,205	0	0	11	18,608	0	0	0	0
Nov-17	20	19,496	16	18,932	4	564	5	577	15	18,919	0	0	20	19,486	0	0	0	0

Notes: 1. The total provides category-wise total of any of the three sub-categories viz. public plus rights or issuer-type(listed plus IPOs) or instrument-wise(equities plus CCPS/ FCDs plus debt).
2. Amount for public debt issue for last two months is provisional and may get updated
3. All the Issues are compiled from the Prospectus' of Issuer Companies filed with SEBI.
4. * CCPS: Compulsory Convertible Preference Shares, FCDs: Fully Convertible Debentures.
5. Equity public issues also includes issues listed on SME platform.
6. The figures of public debt issue have been taken as per the closing dates of the issues.

$ indicates as on November 30, 2017

Source: SEBI.

Table 6: Issues Listed on SME Platform

Year/ Month	Total	
	No. of issue	Amount (₹ crore)
2016-17	**79**	**1,105**
2017-18$	**91**	**1,221**
Apr-17	8	135
May-17	5	44
Jun-17	9	73
Jul-17	10	99
Aug-17	9	111
Sep-17	33	475
Oct-17	3	47
Nov-17	14	237

$ indicates as on November 30, 2017
Source: SEBI

Table 7: Industry-wise Classification of Capital Raised through Public and Rights Issues

Industry	2017-18$		Nov-17	
	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)
Airlines	0	0	0	0
Automobile	0	0	0	0
Banking and Finance	5	4,799	0	0
Cement & Construction	11	1,630	1	19
Chemical	2	20	0	0
Consumer Services	2	791	0	0
Electrical Equipment/ Production	3	22	2	16
Engineering	13	1,634	5	73
Electronics	1	599	0	0
Entertainment	2	499	0	0
Financial Services	8	15,077	0	0
Food Processing	7	1,846	0	0
Healthcare and pharma	9	2,000	0	0
Hotels	0	0	0	0
Information Technology	12	870	3	547
Misc.	48	20,749	6	636
Roads & Highways	0	0	0	0
Telecommunication	1	777	0	0
Textile	4	81	1	43
Plastic	2	16	0	0
Power	0	0	0	0
Printing	1	18	0	0
Oil & Natural Gas	1	729	0	0
Insurance	2	18,162	2	18,162
Total	**134**	**70,319**	**20**	**19,496**

$ indicates as on November 30, 2017
Source: SEBI.

Table 8: Sector-wise and Region-wise Distribution of Capital Mobilised through Public and Rights Issues

Year/ Month	Total		Sector-wise				Region-wise							
			Private		Public		Northern		Eastern		Western		Southern	
	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)
2016-17	**133**	**61,848**	**117**	**31,397**	**16**	**30,452**	**21**	**5,480**	**8**	**1,215**	**80**	**44,375**	**24**	**10,778**
2017-18$	**134**	**70,319**	**125**	**34,727**	**9**	**35,591**	**34**	**7,697**	**4**	**1,710**	**82**	**54,571**	**14**	**6,341**
Apr-17	12	3,200	11	1,232	1	1,969	3	833	0	0	8	398	1	1,969
May-17	7	1,480	6	256	1	1,224	3	1,247	0	0	4	233	0	0
Jun-17	15	5,632	15	5,632	0	0	3	1,918	0	0	10	2,817	2	896
Jul-17	15	2,820	13	1,108	2	1,713	4	824	1	562	9	1,236	1	199
Aug-17	12	1,920	10	263	2	1,657	2	27	0	0	6	73	4	1,820
Sep-17	42	17,163	41	8,777	1	8,386	13	1,300	1	601	23	14,709	5	554
Oct-17	11	18,608	10	7,432	1	11,176	2	1,017	0	0	8	16,687	1	903
Nov-17	20	19,496	19	10,029	1	9,467	4	531	2	547	14	18,418	0	0

$ indicates as on November 30, 2017
Source: SEBI.

Table 9: Size-wise Classification of Capital Raised through Public and Rights Issues

Year/ Month	Total		< 5 crore		≥ 5crore - < 10crore		≥ 10 crore - < 50 crore		≥ 50 crore - < 100 crore		≥ 100 crore	
	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)
2016-17	**133**	**61,848**	**26**	**90**	**25**	**175**	**33**	**702**	**4**	**264**	**45**	**60,617**
2017-18$	**134**	**70,319**	**16**	**58**	**25**	**161**	**54**	**1,056**	**2**	**126**	**37**	**68,917**
Apr-17	12	3,200	2	7	3	19	2	51	2	126	3	2,997
May-17	7	1,480	2	7	1	5	2	32	0	0	2	1,436
Jun-17	15	5,632	2	6	4	27	3	41	0	0	6	5,559
Jul-17	15	2,820	2	8	4	22	5	105	0	0	4	2,686
Aug-17	12	1,920	2	6	1	6	6	99	0	0	3	1,809
Sep-17	42	17,163	4	16	9	58	22	423	0	0	7	16,666
Oct-17	11	18,608	0	0	1	6	2	41	0	0	8	18,561
Nov-17	20	19,496	2	9	2	18	12	265	0	0	4	19,204

$ indicates as on November 30, 2017
Source: SEBI.

Table 10: Capital Raised by Listed Companies from the Primary Market through QIPs

Year/ Month	Only NSE		Only BSE		Both NSE and BSE		Total	
	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)
2016-17	0	0	0	0	20	**8,464**	20	**8,464**
2017-18$	0	0	0	0	**29**	**46,675**	**29**	**46,675**
Apr-17	0	0	0	0	2	5,207	2	5,207
May-17	0	0	0	0	5	7,298	5	7,298
Jun-17	0	0	0	0	1	15,000	1	15,000
Jul-17	0	0	0	0	4	2,775	4	2,775
Aug-17	0	0	0	0	1	874	1	874
Sep-17	0	0	0	0	3	5,500	3	5,500
Oct-17	0	0	0	0	6	7,280	6	7,280
Nov-17	0	0	0	0	7	2,741	7	2,741

Notes: 1. The above data includes both "no. of issues" and "Amount" raised on conversion of convertible securities issued on QIP basis.
2. Aug-17, Includes one issue of Institutional Placement Programme (Issue Size of ₹ 873.92 crore).
$ indicates as on November 30, 2017
Source: BSE and NSE.

Table 11: Preferential Allotments Listed at BSE and NSE

Year/ Month	Only BSE		Only NSE		Both NSE and BSE		Total	
	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)	No. of issues	Amount (₹ crore)
2016-17	**188**	**2,957**	**17**	**1,219**	**205**	40,073	410	44,250
2017-18$	**127**	**1,785**	7	**358**	130	**25,731**	**264**	**27,874**
Apr-17	18	427	0	0	23	1,408	41	1,835
May-17	24	197	3	316	21	1,864	48	2,377
Jun-17	19	109	0	0	21	4,716	40	4,825
Jul-17	14	95	1	8	13	458	28	561
Aug-17	13	276	2	32	15	5,184	30	5,493
Sep-17	12	62	0	0	13	8,082	25	8,144
Oct-17	9	143	1	3	13	2,982	23	3,128
Nov-17	18	476	0	0	11	1,037	29	1,513

$ indicates as on November 30, 2017
Source: BSE and NSE.

Table 12: Private Placement of Corporate Debt Reported to BSE and NSE

Year/ Month	Only NSE		Only BSE		Both NSE and BSE		Total	
	No. of Issues	Amount (₹ crore)	No. of Issues	Amount (₹ crore)	No. of Issues	Amount (₹ crore)	No. of Issues	Amount (₹ crore)
2016-17	**1,023**	**2,19,721**	**2,177**	**2,54,213**	**177**	**1,66,782**	**3,377**	**6,40,716**
2017-18$	**538**	**1,16,627**	**1,169**	**1,70,198**	**110**	**1,32,128**	**1,817**	**4,18,953**
Apr-17	88	20,354	194	24,969	19	18,496	301	63,819
May-17	156	12,433	133	8,226	12	12,729	301	33,389
Jun-17	95	20,831	249	29,707	26	24,800	370	75,337
Jul-17	60	13,995	96	20,891	6	14,147	162	49,033
Aug-17	50	14,841	94	19,796	11	16,915	155	51,552
Sep-17	33	12,050	127	20,926	10	17,845	170	50,821
Oct-17	26	11,283	177	24,988	10	7,875	213	44,146
Nov-17	30	10,840	99	20,694	16	19,321	145	50,855

$ indicates as on November 30, 2017
Source: SEBI

Table 13: Trading in the Corporate Debt Market

Year/ Month	BSE		NSE		MSEI	
	No. of Trades	Traded Value (₹ crore)	No. of Trades	Traded Value (₹ crore)	No. of Trades	Traded Value (₹ crore)
2016-17	**24,372**	**2,92,154**	**64,123**	**11,78,509**	0	0
2017-18$	**19,095**	**3,07,723**	**40,852**	**8,84,088**	1	0
Apr-17	2,287	37,605	4,718	1,01,729	0	0
May-17	2,933	49,041	4,132	76,901	0	0
Jun-17	2,290	35,325	5,984	1,34,049	0	0
Jul-17	2,450	37,249	5,777	1,24,343	0	0
Aug-17	2,347	32,929	5,072	1,09,895	0	0
Sep-17	2,227	36,603	5,247	1,14,712	0	0
Oct-17	2,098	38,274	4,657	1,04,885	0	0
Nov-17	2,463	40,696	5,265	1,17,575	1	0

$ indicates as on November 30, 2017
Source: SEBI

Table 14: Ratings Assigned for Long-term Corporate Debt Securities (Maturity ≥ 1 year)

Grade / Period	Investment Grade								Non-Investment Grade		Total	
	Highest Safety (AAA)		High Safety (AA)		Adequate Safety (A)		Moderate Safety (BBB)					
	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)
2016-17	**244**	**13,08,971**	**418**	**3,09,641**	**252**	**61,125**	**173**	**10,268**	**117**	**12,714**	**1,204**	**17,00,856**
2017-18$	**189**	**9,76,786**	**373**	**2,78,029**	**130**	**31,846**	**118**	**9,669**	**56**	**5,947**	**866**	**13,02,276**
Apr-17	26	3,31,328	44	37,501	18	3,446	8	438	9	788	105	3,73,501
May-17	15	1,33,934	29	45,168	6	1,365	5	364	9	1,482	64	1,82,313
Jun-17	28	1,50,054	48	27,365	11	1,532	13	1,347	7	538	107	1,80,836
Jul-17	23	1,23,722	56	37,136	19	2,672	28	2,049	6	175	132	1,65,754
Aug-17	26	89,618	29	28,699	16	3,847	14	352	7	936	92	1,23,452
Sep-17	25	65,474	72	36,090	12	1,370	27	2,365	8	436	144	1,05,736
Oct-17	24	43,216	54	38,665	18	2,386	12	1,590	7	990	115	86,848
Nov-17	22	39,440	41	27,406	30	15,227	11	1,165	3	600	107	83,838

$ indicates as on November 30, 2017
Source: Credit Rating Agencies.

Table 15: Review of Accepted Ratings of Corporate Debt Securities (Maturity ≥ 1 year)

Grade / Period	Upgraded		Downgraded		Reaffirmed		Rating Watch		Withdrawn/ Suspended		Total	
	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)	No. of issue	Amount (₹ crore)
2016-17	**368**	**79,325**	**189**	**1,77,620**	**2,647**	**90,57,499**	**59**	**50,383**	**600**	**261,346**	**3,850**	**98,89,175**
2017-18$	**240**	**1,15,305**	**233**	**2,57,342**	**2,429**	**71,93,227**	**59**	**81,113**	**603**	**1,83,944**	**3,564**	**78,30,931**
Apr-17	11	19,557	14	9,679	181	8,07,639	2	1,591	64	24,349	272	8,62,816
May-17	24	8,266	27	1,17,005	137	5,45,576	9	55,832	87	19,715	284	7,46,394
Jun-17	40	18,344	30	19,734	434	9,31,613	3	385	70	14,682	577	9,84,758
Jul-17	56	6,917	73	33,748	369	9,68,893	13	4,045	82	25,024	593	10,38,627
Aug-17	29	7,757	27	37,924	223	7,04,137	5	2,060	76	11,812	360	7,63,690
Sep-17	29	10,650	24	27,856	625	21,25,610	14	9,096	98	59,433	790	22,32,644
Oct-17	13	2,635	9	4,099	285	8,23,420	8	3,261	60	16,108	375	8,49,523
Nov-17	38	41,178	29	7,297	175	2,86,339	5	4,843	66	12,821	313	3,52,479

$ indicates as on November 30, 2017
Source: Credit Rating Agencies.

Table 16: Distribution of Turnover on Cash Segments of Exchanges (₹ crore)

Stock Exchanges	2016-17	2017-18$	Nov-17
Ahmedabad	0	0	0
BSE	9,98,261	7,04,625	1,22,709
Calcutta	0	0	0
MSEI	248	174	4
NSE	50,55,913	45,87,420	7,35,187

Table 17: Trends in Cash Segment of BSE

Year/ Month	No. of Companies Listed	No. of Companies Permitted*	No. of companies traded	No. of Trading Days	No. of Trades (Lakh)	Traded Quantity (Lakh)	Turnover (₹ crore)	Average Daily Turnover (₹ crore)	Average Trade Size (₹)	Demat Securities Traded (Lakh)	Demat Turnover (₹ crore)	Market Capitalisation (₹ crore)	S&P BSE Sensex		
													High	Low	Close
2016-17	**5,834**	70	**2,948**	**248**	**3,919**	**7,07,231**	**9,98,261**	**4,025**	**25,475**	**7,07,231**	**9,98,260**	**1,21,54,525**	**29,825**	**24,523**	**29,621**
2017-18$	**5,696**	**52**	**2,801**	**166**	**2,415**	**4,90,727**	**7,04,625**	**4,245**	**29,181**	**4,90,727**	**7,04,624**	**1,45,96,656**	**33,866**	**29,241**	**33,149**
Apr-17	5,828	56	2,978	18	287	57,778	75,070	4,171	26,124	57,778	75,070	1,24,84,963	30,184	29,241	29,918
May-17	5,783	56	2,829	22	315	63,338	91,106	4,141	28,934	63,338	91,106	1,25,80,119	31,255	29,804	31,146
Jun-17	5,794	56	2,725	21	261	54,577	85,935	4,092	32,964	54,577	85,935	1,25,96,812	31,523	30,681	30,922
Jul-17	5,811	56	2,845	21	321	71,393	88,395	4,209	27,511	71,393	88,395	1,32,62,246	32,673	31,017	32,515
Aug-17	5,627	57	2,682	21	276	58,310	79,064	3,765	28,654	58,310	79,064	1,31,89,763	32,686	31,128	31,730
Sep-17	5,650	57	2,669	21	295	57,815	84,349	4,017	28,569	57,815	84,349	1,31,81,353	32,524	31,082	31,284
Oct-17	5,680	57	2,853	20	287	52,683	77,997	3,900	27,148	52,683	77,997	1,43,91,546	33,340	31,440	33,213
Nov-17	5,696	52	2,801	22	372	74,833	1,22,709	5,578	32,988	74,833	1,22,709	1,45,96,656	33,866	32,684	33,149

Notes: 1. * Excludes Mutual Fund Schemes from Feb 2013. 2. Market capitalisation pertains to the number of companies traded.
$ indicates as on November 30, 2017
Source: BSE .

Table 18: Trends in Cash Segment of NSE

Year/ Month	No. of Companies Listed	No. of Companies Permitted	No. of Companies Traded	No. of Trading Days	No. of Trades (Lakh)	Traded Quantity (Lakh)	Turnover (₹ crore)	Average Daily Turnover (₹ crore)	Average Trade Size (₹)	Demat Securities Traded (Lakh)	Demat Turnover (₹ crore)	Market Capitalisation (₹ crore)	Nifty 50 Index		
													High	Low	Close
2016-17	**1,817**	**4**	**1,665**	**248**	**19,760**	**26,24,534**	**50,55,913**	**20,387**	**25,587**	**26,24,534**	**50,55,913**	**1,19,78,421**	**9,218**	**7,517**	**9,174**
2017-18$	**1,885**	**4**	**1,731**	**166**	**15,900**	**23,47,599**	**45,87,420**	**27,635**	**28,852**	**23,47,599**	**45,87,420**	**1,43,92,501**	**10,490**	**9,075**	**10,227**
Apr-17	1,831	4	1,668	18	1,673	2,49,260	4,72,110	26,228	28,219	2,49,260	4,72,110	1,23,03,875	9,367	9,075	9,304
May-17	1,814	4	1,669	22	2,093	2,95,182	5,88,502	26,750	28,119	2,95,182	5,88,502	1,24,16,789	9,650	9,269	9,621
Jun-17	1,820	4	1,666	21	1,802	2,54,139	4,86,305	23,157	26,991	2,54,139	4,86,305	1,24,30,129	9,709	9,449	9,521
Jul-17	1,837	4	1,685	21	1,838	3,17,988	5,43,944	25,902	29,587	3,17,988	5,43,944	1,31,21,441	10,115	9,544	10,077
Aug-17	1,848	4	1,692	21	1,914	2,80,390	5,53,829	26,373	28,934	2,80,390	5,53,829	1,30,55,208	10,138	9,686	9,918
Sep-17	1,851	4	1,690	21	2,068	2,96,603	6,00,092	28,576	29,014	2,96,603	6,00,092	1,30,45,716	10,179	9,688	9,789
Oct-17	1,873	4	1,712	20	2,007	2,90,190	6,07,452	30,373	30,272	2,90,190	6,07,452	1,42,08,617	10,385	9,831	9,789
Nov-17	1,885	4	1,731	22	2,504	3,63,846	7,35,187	33,418	29,355	3,63,846	7,35,187	1,43,92,501	10,490	10,094	10,227

Notes: 1. Demat turnover includes turnover of all securities which are available for trading in Demat mode.
2. Market capitalisation pertains to the number of companies traded.
$ indicates as on November 30, 2017
Source: NSE

Table 19: City-wise Distribution of Turnover on Cash Segments of BSE and NSE

(Percentage share in Turnover)					
S.No.	City	BSE		NSE	
	Stock Exchange/City	2016-17	Nov-17	2016-17	Nov-17
1	Ahmedabad	3.2	2.7	3.0	3.1
2	Bengaluru	0.3	0.3	6.3	3.6
3	Vadodra	0.9	0.8	0.3	0.4
4	Bhubneshwar	0.0	0.0	0.0	0.0
5	Chennai	0.7	0.9	1.0	0.8
6	Ernakulum	0.1	0.1	1.1	0.9
7	Coimbatore	0.0	0.0	0.1	0.1
8	New Delhi	3.1	2.7	6.7	6.9
9	Guwahati	0.1	0.1	0.0	0.0
10	Hyderabad	0.4	0.3	3.6	3.5
11	Indore	0.3	0.4	0.5	0.6
12	Jaipur	0.6	0.6	0.5	0.5
13	Kanpur	0.3	0.3	0.1	0.1
14	Kolkata	3.5	5.0	4.8	5.1
15	Ludhiana	0.1	0.1	0.1	0.1
16	Mangalore	0.0	0.0	0.0	0.0
17	Mumbai	55.9	62.8	60.0	63.8
18	Patna	0.0	0.1	0.0	0.0
19	Pune	0.3	0.3	0.1	0.1
20	Rajkot	1.8	1.8	1.2	1.4
21	Others	28.3	20.9	10.6	9.0
	Total	100.0	100.0	100.0	100.0

Notes:
1. **The city-wise distribution of turnover is based on the cities uploaded in the UCC database of the Exchange for clientele trades and member's registered office city for proprietary trades.**

Source: BSE and NSE.

Table 20: Category-wise Share of Turnover in Cash Segment of BSE

Year/Month	Percentage Share in Turnover				
	Proprietary	FPI	Mutual Funds	Banks	Others
2016-17	**13.5**	**12.9**	**4.6**	**0.1**	**68.9**
2017-18$	**16.4**	**16.0**	**7.2**	**0.2**	**60.2**
Apr-17	18.1	15.6	5.7	0.1	60.6
May-17	17.3	15.4	8.2	0.1	59.0
Jun-17	13.0	18.6	8.1	0.8	59.4
Jul-17	15.6	15.4	7.7	0.1	61.1
Aug-17	16.9	15.0	7.7	0.2	60.2
Sep-17	17.5	13.0	6.7	0.1	62.6
Oct-17	17.1	12.9	6.6	0.1	63.4
Nov-17	15.9	20.2	6.8	0.1	57.1

$ indicates as on November 30, 2017

Source: BSE.

Table 21: Category-wise Share of Turnover in Cash Segment of NSE

Year/Month	Percentage Share in Turnover				
	Proprietary	FPI	Mutual Funds	Banks	Others
2016-17	**16.9**	**20.3**	**6.2**	0.4	**56.6**
2017-18$	**17.5**	**16.6**	**7.1**	0.5	**58.2**
Apr-17	16.6	15.5	7.2	0.6	60.7
May-17	17.4	18.4	6.9	0.6	57.2
Jun-17	16.8	19.0	6.9	0.6	56.7
Jul-17	17.0	16.4	8.0	0.4	58.2
Aug-17	18.5	16.6	6.6	0.5	57.8
Sep-17	17.8	16.0	7.2	0.5	58.6
Oct-17	17.5	16.0	7.3	0.6	58.7
Nov-17	17.7	15.4	7.2	0.5	59.1

$ indicates as on November 30, 2017
Source: NSE.

Table 22: Component Stocks: S&P BSE Sensex

S.No.	Name of Security	Issued Capital (₹ crore)	Free Float Market Capitalisation (₹ crore)	Weightage (Percent)	Beta	R^2	Daily Volatility (Percent)	Monthly Return (Percent)	Impact Cost (Percent)
1	HDFC BANK	518	3,76,774	11.9	0.7	0.2	0.8	2.4	0.0
2	RELIANCE	6,333	3,06,021	9.7	1.2	0.0	4.7	-1.9	0.0
3	HDFC	319	2,67,326	8.4	1.0	0.2	1.2	-1.7	0.0
4	ITC LTD.	1,219	2,17,896	6.9	1.3	0.2	1.7	-3.9	0.0
5	ICICI BANK	1,284	1,97,440	6.2	1.6	0.3	1.8	2.6	0.0
6	INFOSYS LTD	1,149	1,94,830	6.2	0.8	0.1	1.4	5.8	0.0
7	LARSEN & TOU	280	1,48,270	4.7	0.9	0.0	2.8	-0.3	0.0
8	TCS LTD.	191	1,31,111	4.1	0.3	0.0	1.3	0.7	0.0
9	STATE BANK	863	1,18,944	3.8	1.8	0.3	2.1	4.8	0.0
10	KOTAK MAH.BK	952	1,18,045	3.7	0.8	0.1	1.2	-2.4	0.1
11	MARUTISUZUK	151	1,14,338	3.6	1.0	0.3	1.1	4.7	0.0
12	AXIS BANK	480	91,235	2.9	1.2	0.2	1.7	2.5	0.0
13	HIND UNI LT	216	90,981	2.9	0.8	0.2	1.1	3.0	0.0
14	TATA MOTORS	577	75,944	2.4	1.6	0.3	1.8	-5.6	0.0
15	MAH & MAH	311	65,704	2.1	0.9	0.2	1.2	4.9	0.0
16	SUN PHARMA.	240	58,296	1.8	1.1	0.1	1.9	-2.4	0.0
17	BHARTI ARTL	1,999	55,611	1.8	0.9	0.1	1.8	-0.2	0.1
18	NTPC LTD	8,245	55,189	1.7	0.6	0.1	1.2	0.2	0.1
19	ASIAN PAINTS	96	51,743	1.6	0.8	0.1	1.2	-2.8	0.1
20	ONGC CORPN	6,417	50,975	1.6	0.9	0.0	2.8	-5.5	0.1
21	HEROMOTOCO	40	47,278	1.5	0.8	0.2	1.2	-5.5	0.0
22	TATA STEEL	971	46,585	1.5	1.5	0.3	1.6	-1.2	0.0
23	POWER GRID	5,232	45,253	1.4	0.6	0.1	1.2	-3.2	0.1
24	BAJAJ AUTO	289	45,040	1.4	0.7	0.1	1.1	1.6	0.1
25	WIPRO LTD.	973	36,921	1.2	0.5	0.0	4.6	-0.7	0.1
26	COAL INDIA	6,207	36,004	1.1	0.7	0.1	1.4	-3.5	0.1
27	ADANI PORTS	414	31,388	1.0	1.6	0.3	1.8	-7.3	0.0
28	CIPLA LTD.	161	30,435	1.0	0.8	0.1	1.4	-4.1	0.1
29	DR.REDDY'S	83	27,665	0.9	0.6	0.0	1.7	-6.0	0.0
30	LUPIN LTD.	90	19,609	0.6	0.8	0.1	1.9	-20.3	0.0
31	TATAMTRTDVR	102	11,813	0.4	1.6	0.3	1.9	0.0	0.1

Notes:
1. **Beta & R^2 are calculated for the trailing 12 months. Beta measures the degree to which any portfolio of stocks is affected as compared to the effect on the market as a whole.**
2. **The coefficient of determination (R^2) measures the strength of relationship between two variables the return on a security versus that of the market.**
3. **Volatility is the standard deviation of the daily returns for the trailing 12 months.**
4. **Impact cost is calculated as the difference between actual buy price and ideal buy price, divided by ideal buy price, multiplied by 100. Hence ideal price is calculated as (best buy + best sell)/2.**
5. **The above is calculated for a month for the portfolio size of ₹ 5 lakh. It is calculated for the current month.**

Source: BSE.

Table 23: Component Stocks: Nifty 50 Index

S.No.	Name of Security	Issued Capital (₹ crore)	Free Float Market Capitalisation (₹ crore)	Weightage (Percent)	Beta	R^2	Daily Volatility (Percent)	Monthly Return (Percent)	Impact Cost (Percent)
1	HDFC BANK LTD.	5,162,785,834	3,78,025	9.6	0.7	0.3	0.5	2.5	0.0
2	RELIANCE INDUSTRIES LTD.	65,044,318,560	3,05,702	7.8	1.0	0.1	1.4	-2.1	0.0
3	HOUSING DEVELOPMENT FINANCE CORPORATION LTD.	3,188,849,520	2,67,178	6.8	1.0	0.2	1.3	-1.9	0.0
4	I T C LTD.	12,180,306,282	2,18,314	5.6	1.2	0.2	1.0	-3.6	0.0
5	ICICI BANK LTD.	12,833,149,044	1,97,342	5.0	1.5	0.2	1.6	2.5	0.0
6	INFOSYS LTD.	11,484,859,140	1,95,060	5.0	0.7	0.1	1.4	5.9	0.0
7	LARSEN & TOUBRO LTD.	2,801,091,124	1,49,937	3.8	1.3	0.3	1.3	-0.5	0.0
8	KOTAK MAHINDRA BANK LTD.	9,519,408,725	1,33,312	3.4	0.9	0.2	0.9	-2.4	0.0
9	TATA CONSULTANCY SERVICES LTD.	1,914,287,591	131,247	3.3	0.3	0.0	1.0	0.5	0.0
10	STATE BANK OF INDIA	8,632,050,393	118,907	3.0	1.7	0.2	2.4	4.8	0.0
11	MARUTI SUZUKI INDIA LTD.	1,510,400,300	114,295	2.9	1.1	0.3	0.8	4.7	0.0
12	AXIS BANK LTD.	4,795,250,548	91,142	2.3	1.2	0.2	1.5	2.3	0.0
13	HINDUSTAN UNILEVER LTD.	2,164,477,780	90,888	2.3	0.8	0.2	1.0	2.8	0.0
14	INDUSIND BANK LTD.	5,988,067,920	84,591	2.2	1.0	0.2	1.3	2.1	0.0
15	TATA MOTORS LTD.	5,774,696,856	75,850	1.9	1.7	0.3	1.8	-5.7	0.0
16	BHARTI AIRTEL LTD.	19,987,000,510	65,489	1.7	0.9	0.1	2.3	-0.2	0.0
17	MAHINDRA & MAHINDRA LTD.	3,105,461,920	65,520	1.7	0.9	0.2	1.1	4.6	0.0
18	SUN PHARMACEUTICAL INDUSTRIES LTD.	2,399,306,980	59,593	1.5	1.0	0.1	1.9	-2.3	0.0
19	YES BANK LTD.	4,580,265,530	56,227	1.4	1.3	0.2	1.3	-2.3	0.0
20	NTPC LTD.	82,454,644,000	55,266	1.4	0.7	0.1	1.2	-0.1	0.0
21	VEDANTA LTD.	3,717,194,239	54,912	1.4	1.9	0.3	1.8	-11.0	0.0
22	ASIAN PAINTS LTD.	959,197,790	51,698	1.3	0.8	0.2	1.2	-2.9	0.0
23	OIL & NATURAL GAS CORPORATION LTD.	64,166,175,900	51,003	1.3	0.7	0.1	1.7	-5.5	0.0
24	HCL TECHNOLOGIES LTD.	2,784,052,928	47,218	1.2	0.3	0.0	1.3	-0.9	0.0
25	HERO MOTOCORP LTD.	399,393,676	47,166	1.2	0.9	0.2	0.9	-5.6	0.0
26	TATA STEEL LTD.	9,712,158,890	46,518	1.2	1.6	0.3	1.1	-1.4	0.0
27	POWER GRID CORPORATION OF INDIA LTD.	52,315,896,480	45,275	1.2	0.6	0.1	1.1	-2.7	0.0
28	BAJAJ AUTO LTD.	2,893,670,200	44,956	1.1	0.8	0.2	1.0	1.5	0.0
29	ULTRATECH CEMENT LTD.	2,745,337,950	43,855	1.1	1.1	0.2	1.2	-4.5	0.0
30	BAJAJ FINANCE LTD.	1,153,034,616	40,823	1.0	1.5	0.2	1.3	-4.1	0.0
31	INDIAN OIL CORPORATION LTD.	48,559,049,640	40,127	1.0	1.0	0.1	0.9	-5.3	0.0
32	EICHER MOTORS LTD.	272,225,490	39,943	1.0	0.9	0.1	1.1	-7.1	0.0
33	BHARAT PETROLEUM CORPORATION LTD.	21,692,527,440	39,347	1.0	1.2	0.2	1.1	-7.0	0.0
34	INDIABULLS HOUSING FINANCE LTD.	848,762,280	38,892	1.0	1.1	0.1	1.5	-3.1	0.0
35	WIPRO LTD.	9,733,381,542	36,935	0.9	0.5	0.1	0.8	-0.7	0.0
36	COAL INDIA LTD.	62,074,091,770	35,952	0.9	0.8	0.1	1.3	-3.7	0.0
37	HINDALCO INDUSTRIES LTD.	2,243,609,879	35,066	0.9	2.0	0.3	1.5	-10.1	0.0
38	ADANI PORTS AND SPECIAL ECONOMIC ZONE LTD.	4,141,903,522	31,321	0.8	1.6	0.3	1.5	-7.5	0.0
39	HINDUSTAN PETROLEUM CORPORATION LTD.	15,238,226,250	31,114	0.8	1.4	0.1	1.4	-6.8	0.0
40	ZEE ENTERTAINMENT ENTERPRISES LTD.	960,448,720	31,104	0.8	1.0	0.2	1.4	4.8	0.0
41	TECH MAHINDRA LTD.	4,881,760,820	30,572	0.8	0.6	0.0	1.9	1.5	0.0
42	CIPLA LTD.	1,609,370,694	30,463	0.8	0.7	0.1	2.0	-4.3	0.0
43	GAIL (INDIA) LTD.	16,913,032,000	30,104	0.8	0.8	0.1	1.3	0.7	0.0
44	DR. REDDY'S LABORATORIES LTD.	829,284,640	27,654	0.7	0.6	0.0	1.7	-5.9	0.0
45	BHARTI INFRATEL LTD.	18,496,082,460	26,968	0.7	0.8	0.1	2.1	-13.2	0.0
46	UPL LTD.	1,016,075,164	26,752	0.7	1.1	0.2	1.6	-8.5	0.0
47	LUPIN LTD.	903,594,276	19,580	0.5	0.8	0.1	3.7	-20.5	0.0
48	AMBUJA CEMENTS LTD.	3,971,290,458	19,286	0.5	1.1	0.2	1.1	-6.8	0.0
49	AUROBINDO PHARMA LTD.	585,882,409	19,485	0.5	1.2	0.1	2.2	-8.8	0.0
50	BOSCH LTD.	305,207,400	18,618	0.5	1.0	0.2	1.8	-3.2	0.0

Notes:
1. Beta & R^2 are calculated for the the trailing 12 months. Beta measures the degree to which any portfolio of stocks is affected as compared to the effect on the market as a whole.
2. The coefficient of determination (R^2) measures the strength of relationship between two variables the return on a security versus that of the market.
3. Volatility is the standard deviation of the daily returns for the the trailing 12 months.
4. Impact cost is calculated as the difference between actual buy price and ideal buy price, divided by ideal buy price, multiplied by 100. Hence ideal price is calculated as (best buy + best sell)/2.
5. The above is calculated for a month for the portfolio size of ₹5 lakh. It is calculated for the current month.
6. As per NSE circular dated February 22, 2016, the equity securities with Differential Voting Rights (DVRs) would be eligible for inclusion in an index subject to fulfilment of the eligibility criteria laid down by NSE.

Source: NSE.

Table 24: Advances/Declines in Cash Segment of BSE and NSE

Year/ Month	BSE			NSE		
	Advances	Declines	Advance / Decline Ratio	Advances	Declines	Advance / Decline Ratio
2016-17	**2,137**	**1,650**	**1.3**	**993**	**627**	**1.6**
2017-18$	**2,376**	**1,427**	**1.7**	**1,138**	**515**	**2.2**
Apr-17	2,511	1,077	2.3	1,327	351	3.8
May-17	1,616	1,941	0.8	766	931	0.8
Jun-17	1,310	2,171	0.6	668	1,022	0.7
Jul-17	2,005	1,411	1.4	1,060	634	1.7
Aug-17	995	2,401	0.4	484	1,237	0.4
Sep-17	1,835	1,500	1.2	1,060	660	1.6
Oct-17	1,871	1,508	1.2	986	741	1.3
Nov-17	2,120	1,337	1.6	1,179	576	2.0

Note: Advance/Decline is calculated based on the average price methodology.
Source: BSE and NSE

Table 25: Trading Frequency in Cash Segment of BSE and NSE

Month	BSE			NSE		
	No. of Companies Listed	No. of companies Traded	Percent of Traded to Listed	No. of Companies Listed	No. of companies Traded	Percent of Traded to Listed
2016-17	**5,834**	**2,948**	**50.5**	**1,817**	**1,665**	**91.6**
2017-18$	**5,696**	**2,801**	**49.2**	**1,885**	**1,731**	**91.8**
Apr-17	5,828	2,978	51.1	1,831	1,668	91.1
May-17	5,783	2,829	48.9	1,814	1,669	92.0
Jun-17	5,794	2,725	47.0	1,820	1,666	91.5
Jul-17	5,811	2,845	49.0	1,837	1,685	91.7
Aug-17	5,627	2,682	47.7	1,848	1,692	91.6
Sep-17	5,650	2,669	47.2	1,851	1,690	91.3
Oct-17	5,680	2,853	50.2	1,873	1,712	91.4
Nov-17	5,696	2,801	49.2	1,885	1,731	91.8

Note: At NSE, number of companies traded also includes the number of companies not available for trading but permitted to trade only in the first week of every month.
$ indicates as on November 30, 2017
Source: BSE and NSE

Table 26: Daily Volatility of Major Indices (percent)

Year/Month	BSE Sensex	BSE 100	BSE 500	Nifty 50	Nifty Next 50	Nifty 500
2016-17	**0.77**	**0.80**	**0.80**	**0.78**	**0.97**	**0.80**
2017-18$	**0.56**	**0.58**	**0.60**	**0.56**	**0.82**	**0.60**
Apr-17	0.58	0.51	0.49	0.48	0.58	0.45
May-17	0.58	0.64	0.71	0.57	1.02	0.69
Jun-17	0.34	0.35	0.39	0.34	0.53	0.38
Jul-17	0.50	0.46	0.44	0.42	0.54	0.39
Aug-17	0.69	0.77	0.85	0.70	1.22	0.83
Sep-17	0.60	0.69	0.76	0.60	0.91	0.71
Oct-17	0.48	0.46	0.43	0.46	0.50	0.43
Nov-17	0.61	0.58	0.57	0.52	0.69	0.53

Note: Volatility is calculated as the standard deviation of the natural log of daily returns in indices for the respective period.
$ indicates as on November 30, 2017
Source: BSE and NSE.

Table 27: Percentage Share of Top 'N' Securities/Members in Turnover of Cash Segment (percent)

Year/Month	BSE					NSE				
Top	5	10	25	50	100	5	10	25	50	100
Securities										
2016-17	**10.0**	**15.6**	**28.3**	**41.0**	**55.8**	**10.7**	**19.2**	**33.8**	**48.9**	**67.7**
2017-18$	**11.6**	**16.9**	**27.5**	**38.8**	**53.6**	**9.4**	**16.1**	**29.5**	**43.8**	**61.8**
Apr-17	12.8	18.7	30.6	42.7	56.6	13.9	24.3	40.6	57.2	74.5
May-17	12.0	18.3	30.5	43.5	59.7	10.1	17.2	32.2	48.0	67.3
Jun-17	23.3	29.8	40.0	50.4	63.5	10.2	17.4	32.7	48.1	66.8
Jul-17	14.0	20.5	32.0	44.3	59.6	11.2	18.5	33.3	48.1	66.5
Aug-17	13.8	19.4	31.6	44.8	60.7	11.8	18.4	33.5	48.6	67.6
Sep-17	10.9	17.3	27.8	40.3	55.9	9.4	15.6	30.5	45.3	63.0
Oct-17	10.3	15.1	25.4	36.8	51.5	11.5	18.9	31.7	46.1	63.0
Nov-17	25.5	29.7	38.2	47.6	59.4	8.7	15.5	29.0	43.6	60.9
Members										
2016-17	**19.4**	**29.4**	**49.3**	**66.1**	**80.4**	**18.5**	**28.9**	**50.7**	**67.9**	**81.7**
2017-18$	**21.2**	**33.9**	**55.3**	**70.5**	**82.6**	**19.2**	**30.2**	**50.8**	**68.1**	**81.7**
Apr-17	20.4	32.0	53.6	69.2	81.6	18.1	29.4	51.4	69.2	82.8
May-17	22.8	35.0	54.7	70.4	83.0	19.3	30.5	52.2	69.1	82.2
Jun-17	32.6	43.4	63.6	76.6	86.6	19.2	31.7	52.8	69.3	82.0
Jul-17	20.6	32.6	53.4	69.0	81.8	18.8	30.1	50.0	67.3	81.1
Aug-17	23.6	35.3	57.5	72.3	83.2	20.1	31.9	53.0	69.5	82.8
Sep-17	23.8	35.4	55.6	70.0	82.2	18.9	30.2	50.7	68.2	81.9
Oct-17	23.7	35.2	55.0	69.4	82.0	19.6	30.6	50.8	68.0	82.1
Nov-17	31.2	42.8	61.2	74.7	84.8	19.3	30.7	51.2	67.8	81.6

Notes: 1. Data for Top N scrips has been compiled for all markets except Auction market & Retail Debt Market and includes series EQ, BE,BT, BL and IL.
$ indicates as on November 30, 2017
Source: BSE and NSE

Table 28: Settlement Statistics for Cash Segment of BSE

Year/ Month	No. of Trades (Lakh)	Quantity Settled (Lakh)	Delivered Quantity (Lakh)	Percent of Delivered Quantity to Traded Quantity	Value Settled (₹ crore)	Delivered Value (₹ crore)	Percent of De-livered Value to Total Turnover	Delivered Quantity in Demat Mode (Lakh)	Percent of Demat Delivered Quantity to Total Delivered Quantity	Delivered Value in Demat Mode (₹ crore)	Percent of Demat Delivered Value to Total Delivered Value	Short Delivery (Auctioned quantity) (Lakh)	Percent of Short Deliv-ery to Delivery Quantity	Funds Pay-in (₹ crore)	Securities Pay-in (₹ crore)	Settle-mentGuar-antee Fund (₹crore)
2016-17	**3,919**	**7,07,223**	**3,03,782**	**41.9**	**9,98,261**	**4,64,996**	**37.4**	**3,03,449**	**99.9**	**4,64,970**	**100.0**	**715**	**0.24**	**1,17,490**	**2,98,363**	**149**
2017-18$	**2,415**	**490,686**	**194,060**	**39.5**	**704,625**	**260,789**	**36.6**	**194,037**	**100.0**	**260,780**	**100.0**	**378**	**0.20**	**99,702**	**1,94,060**	**188**
Apr-17	287	57,778	23,452	40.6	75,070	26,771	35.7	23,452	100.0	26,771	100.0	42	0.18	10,590	23,452	150
May-17	315	63,339	25,591	40.4	91,106	32,597	35.8	25,591	100.0	32,597	100.0	48	0.19	13,409	25,591	181
Jun-17	261	54,577	22,233	40.7	85,935	36,882	42.9	22,233	100.0	36,882	100.0	39	0.17	13,886	22,233	182
Jul-17	321	71,354	26,690	37.4	88,395	29,550	33.4	26,690	100.0	29,550	100.0	55	0.21	10,495	26,690	183
Aug-17	276	58,309	23,429	40.2	79,064	28,025	35.4	23,428	100.0	28,025	100.0	40	0.17	12,215	23,429	184
Sep-17	295	57,815	22,473	38.9	84,349	29,394	34.8	22,473	100.0	29,394	100.0	38	0.17	10,836	22,473	185
Oct-17	287	52,682	19,750	37.5	77,997	25,440	32.6	19,739	99.9	25,437	100.0	61	0.31	8,237	19,750	186
Nov-17	372	74,832	30,442	40.7	122,709	52,131	42.5	30,431	100.0	52,126	100.0	55	0.18	20,035	30,442	188

$ indicates as on November 30, 2017
Source: BSE.

Table 29: Settlement Statistics for Cash Segment of NSE

Year/ Month	No. of Trades (Lakh)	Quantity Settled (Lakh)	Delivered Quantity (Lakh)	Percent of Delivered Quantity to Traded Quantity	Value Settled (₹ crore)	Delivered Value (₹ crore)	Percent of Delivered Value to Total Turnover	Delivered Quantity in Demat Mode (Lakh)	Percent of Demat Delivered Quantity to Total Delivered Quantity	Delivered Value in Demat Mode (₹ crore)	Percent of Demat Delivered Value to Total Delivered Value	Short Delivery (Auctioned quantity) (Lakh)	Percent of Short Delivery to Delivery Quantity	Funds Pay-in (₹ crore)	Securities Pay-in (₹ crore)	Settlement Guarantee Fund (₹ crore)
2016-17	**19,728**	**25,84,979**	**7,25,682**	**28.1**	**49,98,106**	**14,79,963**	**29.6**	**7,24,495**	**100.0**	**14,78,867**	**100.0**	**1,188**	**0.2**	**4,09,422**	**14,79,963**	**197**
2017-18$	**15,817**	**23,18,063**	**6,21,332**	**26.8**	**45,57,066**	**13,00,617**	**28.5**	**6,20,252**	**100.0**	**12,99,602**	**100.0**	**1,080**	**0.2**	**3,19,390**	**13,00,617**	**217**
Apr-17	1,679	2,49,467	72,464	29.0	4,74,912	1,43,866	30.3	72,374	100.0	1,43,748	100.0	90	0.1	**31,735**	**1,43,866**	**198**
May-17	2,051	2,89,353	78,718	27.2	5,81,637	1,66,371	28.6	78,619	100.0	1,66,252	100.0	99	0.1	**39,228**	**1,66,371**	**203**
Jun-17	1,847	2,52,857	66,112	26.1	4,95,032	1,44,967	29.3	66,014	100.0	1,44,867	100.0	98	0.1	**37,937**	**1,44,967**	**200**
Jul-17	1,830	3,16,019	85,405	27.0	5,37,173	1,55,964	29.0	85,212	100.0	1,55,843	100.0	193	0.2	**39,436**	**1,55,964**	**205**
Aug-17	1,908	2,80,300	72,133	25.7	5,53,001	1,48,406	26.8	71,885	100.0	1,48,253	100.0	248	0.3	**39,754**	**1,48,406**	**210**
Sep-17	2,035	2,92,472	77,362	26.5	5,89,712	1,64,303	27.9	77,254	100.0	1,64,174	100.0	108	0.1	**40,164**	**1,64,303**	**209**
Oct-17	1,991	2,82,107	76,300	27.0	6,02,655	1,75,443	29.1	76,157	100.0	1,75,296	100.0	143	0.2	**43,090**	**1,75,443**	**211**
Nov-17	2,476	3,55,488	92,837	26.1	7,22,943	2,01,298	27.8	92,737	100.0	2,01,169	100.0	100	0.1	**48,047**	**2,01,298**	**217**

$ indicates as on November 30, 2017
Source: NSE.

Table 30: Trends in Equity Derivatives Segment at BSE (Turnover in Notional Value)

Year/ Month	No. of Trading Days	Index Futures		Stock Futures		Index Options				Stock Options				Total		Open Interest at the end of month	
						Call		Put		Call		Put					
		No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Turnover (₹ crore)	No. of Con-tracts	Value (₹ crore)
2016-17	**248**	**32,288**	**2,267**	**2,901**	**203**	**24,433**	**1,255**	**63,916**	**3,214**	0	0	0	0	**1,23,538**	**6,939**	107	8
2017-18$	**166**	**44,101**	**3,216**	**316**	**26**	**82**	**6**	**32**	**2**	3	0	0	0	**44,534**	**3,251**	4	0
Apr-17	18	18,597	1,330	51	4	82	6	32	2	0	0	0	0	18,762	1,343	91	7
May-17	22	14,812	1,081	69	5	0	0	0	0	0	0	0	0	14,881	1,086	281	21
Jun-17	21	6,267	468	43	3	0	0	0	0	0	0	0	0	6,310	471	66	5
Jul-17	21	4,165	317	59	4	0	0	0	0	1	0	0	0	4,225	322	117	9
Aug-17	21	248	19	28	2	0	0	0	0	2	0	0	0	278	22	1	0
Sep-17	21	11	1	21	2	0	0	0	0	0	0	0	0	32	3	6	1
Oct-17	20	1	0	21	3	0	0	0	0	0	0	0	0	22	3	11	1
Nov-17	22	0	0	24	2	0	0	0	0	0	0	0	0	24	2	4	0

Note: 1. Notional Turnover = (Strike Price + Premium) * Quantity.
$ indicates as on November 30, 2017
Source: BSE.

Table 31: Trends in Equity Derivatives Segment at NSE (Turnover in Notional Value)

Year/ Month	No. of Trading Days	Index Futures		Stock Futures		Index Options				Stock Options				Total		Open Interest at the end of month	
						Call		Put		Call		Put					
		No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Value (₹ crore)
2016-17	**248**	**6,65,35,071**	**43,35,941**	**17,38,60,130**	**1,11,29,587**	**54,87,35,127**	**3,80,97,964**	**51,85,09,789**	**3,46,99,323**	**6,12,05,774**	**41,47,488**	**3,09,00,238**	**19,59,998**	**139,97,46,129**	**9,43,70,302**	**35,42,404**	**2,49,497**
2017-18$	**166**	**35,140,838**	**2,864,868**	**138,962,545**	**10,103,633**	**483,708,175**	**42,842,146**	**464,064,742**	**39,705,591**	**55,580,190**	**4,332,128**	**26,295,624**	**1,936,121**	**120,37,52,114**	**101,784,486**	**3,963,228**	**293,505**
Apr-17	18	41,74,077	3,14,580	1,53,23,013	11,60,682	4,61,81,751	37,29,736	4,55,48,822	35,54,411	60,24,771	4,87,147	28,23,557	2,13,125	12,00,75,991	94,59,682	37,18,137	2,63,899
May-17	22	48,16,269	3,75,949	1,97,24,492	14,02,148	5,52,23,511	46,17,328	5,73,43,652	46,30,978	75,98,657	5,80,167	38,14,715	2,74,833	14,85,21,296	1,18,81,402	43,12,372	3,12,588
Jun-17	21	40,52,219	3,22,144	1,57,18,759	11,10,362	5,62,99,371	48,63,586	5,37,52,489	45,20,107	56,27,829	4,25,459	26,55,447	1,90,610	13,81,06,114	1,14,32,267	36,87,855	2,63,319
Jul-17	21	42,24,510	3,46,732	1,69,74,717	12,34,363	5,46,92,544	48,20,710	5,85,10,108	49,95,039	71,94,451	5,50,015	33,89,270	2,45,583	14,49,85,600	1,21,92,441	39,97,987	3,03,767
Aug-17	21	47,89,537	3,99,317	1,74,70,818	12,57,968	7,19,81,496	65,27,897	6,52,75,950	57,12,286	74,30,204	5,68,669	37,39,525	2,69,013	17,06,87,530	1,47,35,150	33,71,674	2,46,904
Sepr-17	21	44,67,175	3,69,891	1,73,14,055	12,80,396	6,49,18,248	57,76,218	6,14,18,880	52,98,926	70,78,836	5,69,008	32,84,450	2,55,921	15,84,81,644	1,35,50,361	40,23,390	2,95,655
Oct-17	20	42,38,220	3,58,296	1,68,36,256	12,61,300	6,14,61,946	56,19,656	5,75,94,920	50,62,586	67,48,271	5,45,499	30,70,077	2,34,378	14,99,49,690	1,30,81,715	46,42,195	3,51,391
Nov-17	22	43,78,831	3,77,959	1,96,00,435	13,96,413	7,29,49,308	68,87,014	6,46,19,921	59,31,258	78,77,171	6,06,165	35,18,583	2,52,659	17,29,44,249	1,54,51,469	39,63,228	2,93,505

Note: 1. Notional Turnover = (Strike Price + Premium) * Quantity.
$ indicates as on November 30, 2017
Source: NSE.

Table 32: Settlement Statistics in Equity Derivatives Segment at BSE and NSE (₹ crore)

Year/ Month	BSE						NSE					
	Index/Stock Futures		Index/Stock Options		Total	Settlement Gurantee Fund	Index/Stock Futures		Index/Stock Options		Total	Settlement Gurantee Fund
	MTM Settlement	Final Settlement	Premium Settlement	Exercise Settlement			MTM Settlement	Final Settlement	Premium Settlement	Exercise Settlement		
2016-17	**15**	**1**	**33**	0	**50**	**192**	**70,442**	**2,049**	**15,022**	**2,580**	**90,093**	**1,052**
2017-18$	10	0	0	0	**11**	**18**	**66,345**	**1,546**	**11,580**	**1,693**	**81,164**	**1,465**
Apr-17	2	0	0	0	2	17	5,357	80	1,278	244	6,959	1,100
May-17	2	0	0	0	2	17	10,260	395	1,239	193	12,087	1,133
Jun-17	3	0	0	0	3	17	5,230	144	1,330	408	7,111	1,146
Jul-17	1	0	0	0	1	17	6,552	163	1,650	144	8,508	1,197
Aug-17	1	0	0	0	1	17	11,557	90	1,584	170	13,400	1,218
Sep-17	0	0	0	0	0	17	9,254	145	1,444	153	10,996	1,422
Oct-17	0	0	0	0	0	17	8,667	167	1,708	227	10,769	1,432
Nov-17	0	0	0	0	0	18	9,469	363	1,347	155	11,334	1,465

$ indicates as on November 30, 2017
Source: BSE and NSE

Table 33: Category-wise Share of Turnover & Open Interest in Equity Derivative Segment of BSE

Month	Percentage Share in Turnover					Percentage Share in Open Interest				
	Pro	FII	Mutual Funds	Banks	Others	Pro	FII	Mutual Funds	Banks	Others
2016-17	**72.46**	0.00	0.00	0.00	**27.54**	**65.9**	0.00	0.00	0.00	**34.1**
2017-18$	**90.88**	**1.55**	0.00	0.00	**7.57**	0.00	0.00	0.00	0.00	100.00
Apr-17	94.94	0.18	0.00	0.00	4.88	91.03	0.00	0.00	0.00	8.97
May-17	95.74	0.00	0.00	0.00	4.26	94.33	0.00	0.00	0.00	5.67
Jun-17	81.42	8.16	0.00	0.00	10.42	45.55	0.00	0.00	0.00	54.45
Jul-17	76.05	2.97	0.00	0.00	20.98	25.09	0.00	0.00	0.00	74.91
Aug-17	37.99	0.36	0.00	0.00	61.65	0.00	0.00	0.00	0.00	100.00
Sep-17	47.43	0.00	0.00	0.00	52.57	50.00	0.00	0.00	0.00	50.00
Oct-17	44.70	0.00	0.00	0.00	55.30	50.00	0.00	0.00	0.00	50.00
Nov-17	41.70	0.00	0.00	0.00	58.30	0.00	0.00	0.00	0.00	100.00

$ indicates as on November 30, 2017
Source: BSE.

Table 34: Category-wise Share of Turnover & Open Interest in Equity Derivative Segment of NSE

Month	Percentage Share in Turnover					Percentage Share in Open Interest				
	Pro	FII	Mutual Funds	Banks	Others	Pro	FII	Mutual Funds	Banks	Others
2016-17	**42.1**	**13.7**	0.4	0.0	**43.8**	**13.2**	**31.2**	**8.7**	0.0	**46.8**
2017-18$	**42.5**	**10.8**	**0.5**		**46.2**	12.0	**25.3**	**13.8**	0.0	**48.9**
Apr-17	41.7	10.8	0.5	0.0	47.0	14.3	26.2	9.2	0.0	50.2
May-17	41.4	11.8	0.4	0.0	46.4	15.4	26.2	8.7	0.0	49.7
Jun-17	41.7	10.7	0.4	0.0	47.2	13.7	27.4	9.7	0.0	49.1
Jul-17	43.0	10.7	0.4	0.0	45.9	15.1	24.2	10.2	0.0	50.5
Aug-17	42.3	11.1	0.4	0.0	46.3	12.1	24.3	13.0	0.0	50.6
Sep-17	42.0	11.0	0.5	0.0	46.5	12.8	24.8	11.9	0.0	50.5
Oct-17	43.5	9.7	0.5	0.0	46.2	14.1	23.6	11.7	0.0	50.6
Nov-17	44.0	10.9	0.5	0.0	44.6	12.0	25.3	13.8	0.0	48.9

$ indicates as on November 30, 2017
Source: NSE.

Table 35: Instrument-wise Turnover in Index Derivatives at BSE

Month	Turnover (in Percentage)									
	BSE 30 SENSEX	BSE SENSEX 50	BSE BANKEX	BSE OIL & GAS INDEX	BSE TECK INDEX	BSE100	HANG SENG Index Futures	MICEX Index Futures	FTSE/JSE Top 40 Futures	IBOVESPA Futures
2016-17	**3.3**	**96.67**	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
2017-18$	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apr-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
May-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jun-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jul-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Aug-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sep-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oct-17	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nov-17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

$ indicates as on November 30, 20177
Source: BSE.

Table 36: Instrument-wise Turnover in Index Derivatives at NSE

Month	Turnover (in Percentage)									
	NIFTY	CNXIT	BANKNIFTY	NFTYMCAP50	CNXPSE	CNXINFRA	FTSE100	S&P500	DJIA	India VIX
2016-17	**54.5**	0.0	**45.5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017-18$	**35.2**	0.0	**64.8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apr-17	38.2	0.0	61.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
May-17	38.8	0.0	61.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jun-17	34.5	0.0	65.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jul-17	36.7	0.0	63.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aug-17	31.9	0.0	68.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sep-17	39.0	0.0	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oct-17	33.0	0.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nov-17	31.8	0.0	68.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$ indicates as on November 30, 2017
Source: NSE.

Table 37: Trends in Currency Derivatives Segment at NSE

Year/ Month	No. of Trading Days	Currency Futures		Currency Options				Total			
				Call		Put				Open Interest at the end of	
		No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Value (₹ crore)
2016-17	**242**	**36,26,15,931**	**24,89,779**	**20,54,84,781**	**13,96,641**	**14,43,50,727**	**9,70,656**	**71,24,51,439**	**48,57,076**	**4,734,914**	**30,871**
2017-18$	**164**	**24,17,35,775**	**16,02,660**	**14,19,54,313**	**9,27,069**	**11,43,16,392**	**7,40,250**	**49,80,06,480**	**32,69,978**	**3,771,733**	**24,647**
Apr-17	18	2,76,21,713	1,81,186	1,88,53,378	1,23,279	1,44,30,861	93,539	6,09,05,952	3,98,004	4,675,628	30,260
May-17	21	2,77,52,227	1,82,960	1,78,56,365	1,16,543	1,44,83,328	93,619	6,00,91,920	3,93,123	4,430,643	28,809
Jun-17	21	2,48,83,610	1,65,607	1,47,66,432	96,353	97,04,177	62,772	4,93,54,219	3,24,732	3,881,086	25,367
Jul-17	21	2,39,04,725	1,58,915	1,48,07,555	96,590	1,03,44,505	66,974	4,90,56,785	3,22,478	4,636,459	30,104
Aug-17	20	2,56,88,528	1,69,545	1,85,40,246	1,20,133	1,29,30,611	82,974	5,71,59,385	3,72,652	4,818,635	31,172
Sep-17	21	4,17,99,966	2,77,486	2,21,73,475	1,44,782	2,09,23,664	1,35,356	8,48,97,105	5,57,624	6,013,600	39,666
Oct-17	20	2,99,18,578	1,99,646	1,62,93,776	1,07,111	1,50,94,323	98,432	6,13,06,677	4,05,188	3,715,748	24,328
Nov-17	22	4,01,66,428	2,67,316	1,86,63,086	1,22,276	1,64,04,923	1,06,584	7,52,34,437	4,96,177	3,771,733	24,647

Notes: 1. Trading Value :- For Futures, Value of contract = Traded Qty*Traded Price.
2. For Options, Value of contract = Traded Qty*(Strike Price+Traded Premium)
$ indicates as on November 30, 2017
Source: NSE.

Table 38: Trends in Currency Derivatives Segment at MSEI

Year/ Month	No. of Trading Days	Currency Futures		Currency Options				Total		Open Interest at the end of	
				Call		Put					
		No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Value (₹ crore)
2016-17	**242**	**4,22,23,837**	**2,85,473**	**9,54,966**	**6,433**	**8,77,609**	**6,022**	**4,40,56,412**	**2,97,928**	**2,32,589**	**1,518**
2017-18$	**164**	**10,517,488**	**68,159**	**842,464**	**5,518**	**743,939**	**4,859**	**12,103,891**	**78,536**	**120,557**	**784**
Apr-17	18	14,71,757	9,535	57,763	378	39,504	256	15,69,024	10,170	2,31,735	1,504
May-17	21	19,92,752	12,903	51,486	338	51,822	341	20,96,060	13,582	2,92,390	1,906
Jun-17	21	19,81,564	12,832	1,23,257	802	87,099	568	21,91,920	14,203	2,25,653	1,476
Jul-17	21	18,21,292	11,789	64,998	427	67,821	441	19,54,111	12,657	3,21,444	2,083
Aug-17	20	11,66,727	7,500	88,805	576	1,00,211	646	13,55,743	8,722	3,07,427	1,983
Sep-17	21	8,84,575	5,777	1,70,441	1,120	1,52,547	998	12,07,563	7,896	2,35,695	1,558
Oct-17	20	5,24,618	3,433	1,73,420	1,141	1,77,921	1,169	8,75,959	5,742	1,94,392	1,272
Nov-17	22	6,74,203	4,389	1,12,294	736	67,014	440	8,53,511	5,565	1,20,557	784

$ indicates as on November 30, 2017
Source: MSEI

Table 39: Trends in Currency Derivatives Segment at BSE

Year/ Month	No. of Trading Days	Currency Futures		Currency Options				Total		Open Interest at the end of	
				Call		Put					
		No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Turnover (₹ crore)	No. of Contracts	Value (₹ crore)
2016-17	**242**	**26,83,39,687**	**18,07,829**	**11,15,41,346**	**7,58,231**	**9,05,44,169**	**6,05,588**	**47,04,25,202**	**31,71,648**	**15,98,346**	**10,382**
2017-18$	**164**	**185,408,255**	**1,202,431**	**109,454,319**	**718,966**	**144,944,737**	**919,919**	**439,807,311**	**2,841,316**	**1,076,949**	**6,963**
Apr-17	18	2,05,18,735	1,32,905	1,74,11,265	1,14,293	1,42,34,398	91,523	5,21,64,398	3,38,721	14,56,658	9,363
May-17	21	2,20,99,454	1,43,177	1,84,03,355	1,20,532	1,91,25,359	1,22,579	5,96,28,168	3,86,288	13,96,753	9,023
Jun-17	21	2,01,63,249	1,30,748	1,80,63,571	1,18,403	1,79,00,534	1,14,707	5,61,27,354	3,63,858	10,38,281	6,741
Jul-17	21	2,00,09,031	1,29,619	1,64,88,120	1,07,780	1,82,59,597	1,16,904	5,47,56,748	3,54,303	17,04,163	10,936
Aug-17	20	2,17,96,615	1,40,054	1,17,28,854	76,715	1,29,13,328	81,282	4,64,38,797	2,98,051	16,66,466	10,686
Sep-17	21	3,03,41,298	1,96,981	1,03,75,576	68,219	1,48,15,275	92,794	5,55,32,149	3,57,994	16,10,602	10,315
Oct-17	20	2,19,13,065	1,43,094	77,16,174	51,379	2,32,89,847	1,46,375	5,29,19,086	3,40,848	9,33,150	6,046
Nov-17	22	2,85,66,808	1,85,854	92,67,404	61,645	2,44,06,399	1,53,755	6,22,40,611	4,01,253	10,76,949	6,963

$ indicates as on November 30, 2017
Source: BSE

Table 40: Settlement Statistics of Currency Derivatives Segment (₹ crore)

Year/ Month	NSE				Total	MSEI				Total	BSE				Total
	Currency Futures		Currency Options			Currency Futures		Currency options			Currency Futures		Currency Options		
	MTM Settle-ment	Final Settle-ment	Premium Settle-ment	Exercise Settle-ment		MTM Settle-ment	Final Settle-ment	Premium Settle-ment	Exercise Settle-ment		MTM Settle-ment	Final Settle-ment	Premium Settle-ment	Exercise Settle-ment	
2016-17	**5,132**	**193**	**1,098**	**451**	**6,874**	**562**	**19**	**15**	**9**	**605**	**3,594**	**105**	**2,897**	**223**	**6,819**
2017-18$	**2,486**	**93**	**719**	**319**	**3,617**	**236**	**11**	**18**	**14**	**279**	**2,178**	**87**	**2,219**	**144**	**4,628**
Apr-17	330	17	123	74	543	40	3	2	1	45	319	16	408	39	782
May-17	417	3	96	35	552	50	1	2	1	53	354	5	495	11	864
Jun-17	150	1	68	18	237	17	0	1	0	18	148	1	345	9	502
Jul-17	189	8	77	29	304	20	2	2	1	25	150	10	312	16	487
Aug-17	334	4	82	23	443	31	1	3	2	38	278	7	167	17	469
Sep-17	425	24	122	67	638	30	2	3	5	40	352	23	179	23	577
Oct-17	393	30	89	35	547	25	1	5	2	33	304	20	165	14	505
Nov-17	247	5	63	38	353	23	1	2	3	28	275	5	148	16	443

$ indicates as on November 30, 2017
Source: Respective stock exchanges

Table 41: Instrument-wise Turnover in Currency Derivatives of NSE

Month	Turnover (in ₹ crore)				Open Interest as on last day of the month (in lots)			
	USDINR	EURINR	GBPINR	JPYINR	USDINR	EURINR	GBPINR	JPYINR
2016-17	**45,07,898**	**99,184**	**1,83,699**	**66,296**	**46,06,551**	**67,631**	**43,717**	**17,015**
2017-18$	**30,28,040**	**97,041**	**1,16,260**	**28,639**	**35,53,278**	**1,29,213**	**64,954**	**24,288**
Apr-17	3,75,224	8,047	11,272	3,461	45,14,665	94,594	48,928	17,441
May-17	3,66,872	10,063	12,755	3,432	42,85,462	82,866	47,918	14,397
Jun-17	2,92,102	10,516	18,248	3,866	36,84,399	1,17,120	56,481	23,086
Jul-17	2,92,473	12,009	14,174	3,822	43,99,055	1,50,348	65,561	21,495
Aug-17	3,42,197	14,550	12,337	3,569	45,82,455	1,61,486	51,059	23,635
Sep-17	5,22,245	14,491	16,930	3,958	57,87,102	1,29,707	70,376	26,415
Oct-17	3,78,395	11,034	13,104	2,656	35,21,235	1,13,957	48,987	31,569
Nov-17	458,532	16,331	17,439	3,876	3,553,278	129,213	64,954	24,288

$ indicates as on November 30, 2017
Source: NSE.

Table 42: Instrument-wise Turnover in Currency Derivative Segment of MSEI

Month	Turnover (₹ crore)				Open Interest as on last day of the month (in lots)			
	USDINR	EURINR	GBPINR	JPYINR	USDINR	EURINR	GBPINR	JPYINR
2016-17	**2,89,589**	**2,173**	**4,392**	**1,773**	**2,26,074**	**1,546**	**3,268**	**1,701**
2017-18$	**77,403**	**367**	**588**	**178**	**1,19,125**	**684**	**729**	**19**
Apr-17	9,918	107	118	27	2,28,201	138	2,794	602
May-17	13,432	34	91	25	2,91,263	128	900	99
Jun-17	14,084	28	74	17	2,23,861	607	970	215
Jul-17	12,440	68	60	89	3,19,547	952	745	200
Aug-17	8,607	34	73	8	3,02,583	736	3,775	333
Sep-17	7,746	44	99	6	2,31,419	982	3,241	53
Oct-17	5,675	24	39	4	1,92,965	156	1,248	23
Nov-17	5,500	27	34	4	1,19,125	684	729	19

$ indicates as on November 30, 2017
Source: MSEI

Table 43: Instrument-wise Turnover in Currency Derivative Segment of BSE

Month	Turnover (₹ crore)				Open Interest as on last day of the month (in lots)			
	USDINR	EURINR	GBPINR	JPYINR	USDINR	EURINR	GBPINR	JPYINR
2016-17	**31,48,260**	**9,756**	**9,401**	**4,231**	**15,75,230**	**11,810**	**9,156**	**2,150**
2017-18$	**28,26,209**	**6,075**	**7,756**	**1,276**	**10,62,394**	**6,555**	**7,358**	**642**
Apr-17	3,36,520	667	1,295	239	14,45,427	6,993	2,533	1,705
May-17	3,84,079	887	1,208	114	13,89,505	4,175	2,603	470
Jun-17	3,61,086	1,051	1,608	113	10,22,494	8,718	6,242	827
Jul-17	3,52,046	985	901	370	16,90,887	9,274	3,319	683
Aug-17	2,96,228	849	880	94	16,53,022	7,028	5,627	789
Sep-17	3,56,558	602	691	143	16,02,427	2,469	4,406	1,300
Oct-17	3,39,898	347	480	123	9,21,864	2,922	1,706	6,658
Nov-17	3,99,793	686	693	81	10,62,394	6,555	7,358	642

$ indicates as on November 30, 2017
Source: BSE

Table 44: Maturity-wise Turnover in Currency Derivative Segment of NSE (₹ crore)

Month	Currency Futures				Currency Options			
	1 Month	2 Month	3 Month	> 3 months	1 Month	2 Month	3 Month	> 3 months
2016-17	**19,99,420**	**4,29,520**	**40,832**	**20,007**	**19,54,972**	**3,98,290**	**13,985**	**50**
2017-18$	**12,31,201**	**3,21,684**	**34,423**	**15,353**	**13,52,787**	**2,96,638**	**14,316**	**3,578**
Apr-17	1,35,415	39,231	4,755	1,785	1,78,367	38,199	252	1.09
May-17	1,38,348	39,047	3,945	1,622	1,67,618	41,422	1,119	3.19
Jun-17	1,29,961	30,623	3,418	1,605	1,28,497	29,701	841	85.64
Jul-17	1,22,478	31,048	3,460	1,928	1,29,067	30,463	3,974	59.54
Aug-17	1,28,125	33,511	5,122	2,787	1,65,494	33,150	3,378	1,085.69
Sep-17	1,97,038	70,331	6,970	3,146	2,14,575	61,350	1,878	2,334.80
Oct-17	1,63,775	32,138	2,534	1,199	1,74,389	29,666	1,483	4.53
Nov-17	2,16,060	45,756	4,220	1,281	1,94,780	32,688	1,390	3.55

$ indicates as on November 30, 2017
Source: NSE.

Table 45: Maturity-wise Turnover in Currency Derivative Segment of MSEI (₹ crore)

Month	Currency Futures				Currency Options			
	1 Month	2 Month	3 Month	> 3 months	1 Month	2 Month	3 Month	> 3 months
2016-17	**2,31,099**	**52,784**	**1,532**	**57**	**12,098**	**345**	**12**	0
2017-18$	**51,405**	**15,242**	**1,496**	**16**	**7,280**	**2,213**	**583**	**301**
Apr-16	7,055	2,210	271	0	527	60	47	0
May-17	9,552	3,207	144	0	119	124	436	0
Jun-17	9,279	2,775	769	9	1,152	191	27	0
Jul-17	9,128	2,549	111	0	264	604	0	0
Aug-17	5,849	1,612	37	3	624	584	0	13
Sep-17	4,142	1,495	138	1	1,734	97	0	287
Oct-17	2,697	723	12	0	1,813	423	73	0
Nov-17	3,704	670	13	3	1,047	129	0	0

$ indicates as on November 30, 2017
Source: MSEI

Table 46: Maturity-wise Turnover in Currency Derivative Segment of BSE (₹ crore)

Month	Currency Futures				Currency Options			
	1 Month	2 Month	3 Month	> 3 months	1 Month	2 Month	3 Month	> 3 months
2016-17	**15,70,858**	**2,22,642**	**13,202**	**1,118**	**12,21,761**	**1,37,287**	**4,461**	**309**
2017-18$	**10,85,859**	**1,76,455**	**10,884**	**2,142**	**13,79,382**	**1,81,975**	**3,879**	**737**
Apr-17	1,80,182	25,588	42	5	1,10,665	19,730	1,995	514
May-17	1,22,795	18,299	1,765	318	1,99,364	43,611	124	11
Jun-17	1,11,195	17,370	1,913	268	2,11,237	21,829	31	13
Jul-17	1,07,680	19,727	2,007	205	2,06,342	18,214	84	43
Aug-17	1,18,658	19,162	1,821	412	1,43,284	14,211	493	9
Sep-17	1,58,916	35,525	2,015	525	1,44,686	15,696	511	121
Oct-17	1,25,696	16,709	497	192	1,69,266	28,154	335	0
Nov-17	1,60,737	24,074	825	218	1,94,538	20,530	306	25

$ indicates as on November 30, 2017
Source: BSE

Table 47: Trading Statistics of Interest Rate Futures at BSE, NSE and MSEI

Year/ Month	No. of Trading Days	BSE				NSE				MSEI			
		Interest Rate Futures		Open Interest at the end of		Interest Rate Futures		Open Interest at the end of		Interest Rate Futures		Open Interest at the end of	
		No. of Contracts	Traded Value (₹ crore)	No. of Contracts	Value (₹ crore)	No. of Contracts	Traded Value (₹ crore)	No. of Contracts	Value (₹ crore)	No. of Contracts	Traded Value (₹ crore)	No. of Contracts	Value (₹ crore)
2016-17	**242**	**61,85,341**	**1,27,979**	**18,044**	**378**	**1,48,07,039**	**3,07,809**	**1,20,422**	**2,482**	**1,25,175**	**2,552**	**0**	**0**
2017-18$	**164**	**67,83,005**	**1,37,779**	**47**	**1**	**1,04,20,808**	**2,11,570**	**71,729**	**1,413**	**10,648**	**219**	**240**	**5**
Apr-17	18	5,34,693	11,047	13,550	279	15,96,049	32,824	88,000	1,804	0	0	0	0
May-17	21	5,95,544	12,230	4,158	85	10,82,509	22,208	91,173	1,871	0	0	0	0
Jun-17	21	9,02,593	18,657	5,410	112	12,98,346	26,852	87,169	1,797	0	0	0	0
Jul-17	21	10,67,242	21,990	6,406	132	10,94,905	22,437	88,671	1,824	10,376	213	0	0
Aug-17	20	8,38,492	17,102	3	0	10,57,191	21,573	94,787	1,939	12	0	10	0
Sep-17	21	5,60,262	11,355	12,757	258	11,95,149	24,201	98,710	1,997	0	0	0	0
Oct-17	20	9,47,198	18,968	27,623	552	12,50,840	25,041	96,539	1,927	0	0	0	0
Nov-17	22	13,36,981	26,430	47	1	18,45,819	36,433	71,729	1,413	260	5	240	5

$ indicates as on November 30, 2017
Source: BSE, NSE and MSEI

Table 48: Settlement Statistics in Interest Rate Futures at BSE, NSE and MSEI (₹ crore)

Year/ Month	BSE		NSE		MSEI	
	MTM Settlement	Physical Delivery Settlement	MTM Settlement	Physical Delivery Settlement	MTM Settlement	Physical Delivery Settlement
2016-17	**101.70**	**8.38**	**1,128.37**	**41.86**	**10.03**	0.00
2017-18$	**161.90**	**5.49**	**483.81**	**11.25**	**0.05**	0.00
Apr-17	24.58	1.25	75.89	1.78	0.00	0.00
May-17	22.98	0.93	65.14	2.00	0.00	0.00
Jun-17	11.01	0.15	56.66	1.53	0.00	0.00
Jul-17	11.30	0.38	36.83	0.89	0.03	0.00
Aug-17	13.36	0.46	38.93	0.31	0.00	0.00
Sep-17	16.01	0.80	67.55	1.64	0.00	0.00
Oct-17	19.65	0.62	54.01	0.89	0.00	0.00
Nov-17	43.01	0.91	88.79	2.21	0.02	0.00

$ indicates as on November 30, 2017
Source: NSE, BSE and MSEI

Table 49: Trends in Foreign Portfolio Investment

Year/Month	Gross Purchase (₹ crore)	Gross Sales (₹ crore)	Net Investment (₹ crore)	Net Investment (US $ mn.)	Cumulative Net Investment (US $ mn.)
2016-17	**15,07,028**	**14,58,617**	**48,411**	7,600	231,187
2017-18$	**11,43,762**	**10,08,797**	**1,34,965**	**20,909**	**2,52,096**
Apr-17	1,21,630	98,872	22,758	3,513	234,701
May-17	1,48,177	1,21,311	26,866	4,170	238,871
Jun-17	1,69,484	1,40,182	29,302	4,548	243,419
Jul-17	1,43,880	1,19,852	24,028	3,732	247,151
Aug-17	1,24,846	1,22,169	2,677	427	247,577
Sep-17	1,27,848	1,37,891	-10,043	-1,533	246,045
Oct-17	1,45,519	1,26,400	19,119	2,933	248,978
Nov-17	1,62,377	1,42,119	20,258	3,118	252,096

$ indicates as on November 30, 2017
Source: NSDL, CDSL

Table 50: Notional Value of Offshore Derivative Instruments (ODIs) Vs Assets Under Custody (AUC) of FPIs/Deemed FPIs (₹ crore)

Year/ Month	Notional value of ODIs on Equity, Debt & Derivatives	Notional value of ODIs on Equity & Debt excluding Derivatives	Assets Under Custody of FPIs/Deemed FPIs	Notional value of ODIs on Equity, Debt & Derivatives as % of Assets Under Custody of FPIs/Deemed FPIs	Notional value of ODIs on Equity & Debt excluding Derivatives as % of Assets Under Custody of FPIs/Deemed FPIs
2016-17	**1,78,437**	**1,24,277**	**27,05,729**	**6.6**	**4.6**
2017-18$	**1,28,639**	**1,23,567**	**31,88,354**	**4.0**	**3.9**
Apr-17	1,68,545	1,28,380	27,86,083	6.0	4.6
May-17	1,80,718	1,33,045	28,56,637	6.3	4.7
Jun-17	1,65,241	1,32,785	28,83,104	5.7	4.6
Jul-17	1,35,297	1,27,075	30,55,984	4.4	4.2
Aug-17	1,25,037	1,16,393	30,35,509	4.1	3.8
Sep-17	1,22,684	1,13,706	30,03,476	4.1	3.8
Oct-17	1,31,006	1,20,629	31,70,194	4.1	3.8
Nov-17	1,28,639	1,23,567	31,88,354	4.0	3.9

Notes:
1. **Figures are compiled based on reports submitted by FPIs/deemed FPIs issuing ODIs.**
2. **Column 4 Figures are compiled on the basis of reports submitted by custodians & does not includes positions taken by FPIs/deemed FPIs in derivatives.**
3. **The total value of ODIs excludes the unhedged positions & portfolio hedging positions taken by the FPIs/deemed FPIs issuing ODIs.**

$ indicates as on November 30, 2017
Source: SEBI.

Table 51: Assets under the Custody of Custodians

Client / Period	FPIs		Foreign Depositories		FDI Investments		Foreign Venture Capital Investments		OCBs		NRIs		Mutual Funds		Corporates		Banks		Insurance Companies		Local Pension Funds		Financial Institutions		Others		Total	
	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)	No.	Amount (₹ crore)
2016-17	**8,956**	**27,05,729**	**64**	**2,72,830**	**1,532**	**5,91,977**	**188**	**31,695**	**22**	**2,175**	**330**	**2,849**	**1,663**	**15,36,949**	**434**	**73,927**	**115**	**3,03,380**	**766**	**14,40,523**	**96**	**2,27,369**	**29**	**74,174**	**11,320**	**5,43,187**	**25,515**	**78,06,763**
2017-18$	**9,094**	**31,88,354**	**64**	**3,00,233**	**1,614**	**7,10,209**	**190**	**32,474**	**22**	**2,351**	**371**	**3,223**	**1,445**	**19,61,697**	**470**	**84,101**	**113**	**3,50,640**	**806**	**15,80,670**	**117**	**3,02,794**	**29**	**1,01,187**	**13,906**	**6,34,390**	**28,241**	**92,52,323**
Apr-17	8,884	27,86,083	63	2,73,676	1,541	5,87,640	190	31,662	22	2,187	334	2,944	1,646	16,64,012	436	76,734	110	3,07,675	774	14,68,849	115	2,28,106	29	75,704	11,603	5,51,699	25,747	80,56,970
May-17	8,750	28,56,637	63	2,87,843	1,547	5,99,260	189	31,596	22	2,227	331	2,847	1,634	16,56,902	444	78,056	111	3,08,180	779	14,79,655	114	2,45,604	29	79,189	11,901	5,57,451	25,914	81,85,446
Jun-17	8,914	28,82,134	63	2,84,149	1,566	6,02,121	190	31,646	22	2,157	332	2,893	1,553	16,19,246	451	79,201	111	3,07,084	783	14,82,776	114	2,77,223	29	77,531	12,401	5,69,590	26,529	82,17,752
Jul-17	8,904	30,55,984	63	2,99,895	1,576	6,33,315	190	31,965	22	2,335	334	2,776	1,534	17,36,265	454	79,600	112	3,19,683	796	15,21,447	117	2,81,285	29	72,289	12,726	5,82,997	26,857	86,19,837
Aug-17	8,911	30,35,509	64	2,91,845	1,586	6,45,183	189	31,568	22	2,239	340	2,914	1,484	17,70,950	460	81,219	112	3,14,548	796	15,11,600	116	2,85,731	29	71,309	13,072	5,88,967	27,181	86,33,581
Sep-17	8,968	30,03,476	64	2,91,008	1,590	6,46,487	189	31,506	22	2,252	347	2,928	1,491	17,66,677	465	82,486	113	3,04,366	798	14,94,464	116	2,90,771	29	69,048	13,421	5,99,581	27,613	85,85,050
Oct-17	9,017	31,70,194	64	3,01,267	1,594	6,76,379	189	32,444	22	2,305	353	3,150	1,438	19,32,655	470	84,055	113	3,52,179	802	15,78,889	116	2,96,165	29	71,093	13,622	6,19,059	27,829	91,19,835
Nov-17	9,094	31,88,354	64	3,00,233	1,614	7,10,209	190	32,474	22	2,351	371	3,223	1,445	19,61,697	470	84,101	113	3,50,640	806	15,80,670	117	3,02,794	29	1,01,187	13,906	6,34,390	28,241	92,52,323

Notes: 1. With the commencement of FPI Regime from June 1, 2014, the erstwhile FIIs, Sub Accounts and QFIs are merged into a new investor class termed as "Foreign Portfolio Investors (FPIs)".

2. "Others" include Portfolio manager, partnership firm, trusts, depository receipts, AIFs, FCCB, HUFs, Brokers etc.

$ indicates as on November 30, 2017

Source: Custodians.

Table 52: Trends in Resource Mobilization by Mutual Funds (₹ crore)

Year/ Month	Gross Mobilisation			Redemption			Net Inflow/Outflow			Assets at the End of Period
	Pvt. Sector	Public Sector	Total	Pvt. Sector	Public Sector	Total	Pvt. Sector	Public Sector	Total	
2016-17	**1,42,47,937**	**33,67,612**	**1,76,15,549**	**1,39,68,549**	**33,03,951**	**1,72,72,500**	**2,79,388**	**63,661**	**3,43,049**	**17,54,619**
2017-18$	**1,13,73,569**	**24,21,590**	**1,37,95,159**	**1,10,55,328**	**23,60,510**	**1,34,15,838**	**3,18,241**	**61,081**	**3,79,321**	**22,79,032**
Apr-17	13,61,008	2,76,212	16,37,220	12,33,420	2,53,097	14,86,517	1,27,588	23,115	1,50,703	19,26,302
May-17	13,58,638	3,00,817	16,59,455	13,99,132	3,01,034	17,00,166	-40,494	-217	-40,711	19,03,975
Jun-17	12,67,003	2,85,369	15,52,372	12,81,397	2,87,568	15,68,964	-14,394	-2,199	-16,593	18,96,291
Jul-17	14,69,016	3,31,567	18,00,582	14,20,666	3,16,412	17,37,078	48,350	15,155	63,505	19,96,905
Aug-17	13,42,724	2,82,496	16,25,221	12,86,290	2,77,230	15,63,520	56,434	5,266	61,701	20,59,289
Sep-17	15,01,516	3,34,143	18,35,659	15,09,765	3,42,498	18,52,264	-8,250	-8,355	-16,605	20,40,301
Oct-17	14,86,632	2,86,557	17,73,189	14,49,856	2,72,185	17,22,041	36,776	14,372	51,148	21,41,346
Nov-17	15,87,032	3,24,429	19,11,462	14,74,802	3,10,487	17,85,289	1,12,230	13,943	1,26,173	22,79,032

$ indicates as on November 30, 2017

Source: SEBI.

Table 53: Type-wise Resource Mobilisation by Mutual Funds: Open-ended and Close-ended (₹ crore)

Scheme	2016-17			2017-18$			Nov-17			Assets at the end of period
	Sale	Purchase	Net	Sale	Purchase	Net	Sale	Purchase	Net	
Open-ended	1,72,29,415	1,75,87,221	3,57,805	1,33,56,529	1,37,72,951	4,16,422	17,79,212	19,10,242	1,31,029	21,25,120
Close-ended	39,080	28,029	-11,051	57,970	22,206	-35,765	5,919	1,220	-4,699	1,50,496
Interval	4,005	300	-3,705	1,339	3	-1,336	158	0	-158	3,416
Total	**1,72,72,500**	**1,76,15,549**	**3,43,049**	**1,34,15,838**	**1,37,95,159**	**3,79,321**	**17,85,289**	**19,11,462**	**1,26,173**	**22,79,032**

$ indicates as on November 30, 2017
Source: SEBI.

Table 54: Scheme-wise Resource Mobilisation and Assets under Management by Mutual Funds (₹ crore)

Type	2016-17				2017-18$				Nov-17		
	Sale	Purchase	Net	Assets at the end of Period	Sale	Purchase	Net	Assets at the end of Period	Sale	Purchase	Net
A. Income/Debt Oriented Schemes (i+ii+iii+iv)	**1,70,90,456**	**1,73,03,610**	**2,13,154**	**10,74,652**	**1,32,64,413**	**1,34,45,576**	**1,81,164**	**13,14,246**	**17,58,263**	**18,44,199**	**85,936**
i. Liquid/Money Market	1,63,27,427	1,64,23,253	95,826	3,14,086	1,26,66,883	1,27,59,676	**92,794**	4,29,066	16,95,737	17,73,146	77,409
ii. Gilt	15,313	12,007	-3,305	14,875	5,722	6,203	**481**	15,190	1,050	204	-846
iii. Debt (other than assured return)	7,47,717	8,68,350	1,20,633	7,43,783	5,91,808	6,79,497	**87,689**	8,67,737	61,477	70,850	9,373
iv. Debt (assured return)	0	0	0	0	0	0	0	0	0	0	0
v. Infrastructure Development	0	0	0	1,908	0	200	200	2,253	0	0	0
B. Growth/Equity Oriented Schemes (i+ii)	**1,49,183**	**2,19,550**	70,367	**5,43,541**	**1,18,082**	**2,34,749**	**1,16,667**	**7,33,166**	**18,996**	**39,305**	**20,309**
i. ELSS	4,527	14,624	10,097	61,403	4,606	10,482	**5,877**	76,897	746	1,546	800
ii. Others	1,44,656	2,04,926	60,270	4,82,138	1,13,476	2,24,266	**1,10,790**	6,56,269	18,250	37,758	19,508
C. Balanced Schemes	**14,011**	**50,621**	**36,609**	**84,763**	**15,793**	**76,349**	**60,556**	**1,55,105**	3,258	10,872	7,614
D. Exchange Traded Fund (i+ii)	**17,282**	**41,335**	**23,278**	**49,915**	**17,118**	**38,368**	**21,250**	**74,962**	**4,708**	**17,065**	**12,357**
i. Gold ETF	862	86	-775	5,480	537	26	**-511**	4,922	89	0	-89
ii. Other ETFs	17,282	41,335	24,054	44,436	16,581	38,341	**21,761**	70,041	4,619	17,065	12,446
E. Fund of Funds Investing Overseas	**707**	**347**	**-360**	**1,747**	**433**	**118**	**-315**	**1,553**	64	20	-44
Total (A+B+C+D+E)	**1,72,71,638**	**1,76,15,463**	**3,43,049**	**17,54,619**	**1,34,15,838**	**1,37,95,159**	**3,79,321**	**22,79,032**	**17,85,289**	**19,11,462**	**1,26,173**

$ indicates as on November 30, 2017
Source: SEBI.

Table 55: Number of Schemes and Folios by Investment Objective

Type	2016-17								2017-18$							
	No. of Schemes				No. of Folios				No. of Schemes				No. of Folios			
	Open	Closed	Interval	Total	Open	Closed	Interval	Total	Open	Closed	Interval	Total	Open	Closed	Interval	Total
A. Income/Debt Oriented Schemes (i+ii+iii+iv)	**349**	**1,262**	**64**	**1,675**	**88,70,830**	**11,19,944**	**8,881**	**99,99,655**	**343**	**897**	**35**	**1,275**	**94,95,043**	**11,39,225**	**5,339**	**1,06,39,607**
i. Liquid/Money Market	52	0	0	52	7,88,860	0	0	7,88,860	52	0	0	52	9,85,447	0	0	9,85,447
ii. Gilt	41	0	0	41	86,182	0	0	86,182	39	0	0	39	86,944	0	0	86,944
iii. Debt (other than assured return)	256	1,255	64	1,575	79,95,788	11,19,893	8,881	91,24,562	252	889	35	1176	84,22,652	11,39,167	5,339	95,67,158
iv. Debt (assured return)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
v. Infrastructure Development	0	7	0	7	0	51	0	51	0	8	0	8	0	58	0	58
B. Growth/Equity Oriented Schemes (i+ii)	**358**	**126**	0	**484**	**3,93,40,247**	**14,85,964**	0	**4,08,26,211**	**365**	**143**	0	**508**	**4,63,03,698**	**15,49,203**	0	**4,78,52,901**
i. ELSS	43	21	0	64	78,81,090	5,70,836	0	84,51,926	43	23	0	66	87,15,937	5,58,669	0	92,74,606
ii. Others	315	105	0	420	3,14,59,157	9,15,128	0	3,23,74,285	322	120	0	442	3,75,87,761	9,90,534	0	3,85,78,295
C. Balanced Schemes	**30**	0	0	**30**	**35,48,912**	0	0	**35,48,912**	**30**	0	0	**30**	**51,17,641**	0	0	**51,17,641**
D. Exchange Traded Fund (i+ii)	**63**	0	0	**63**	**9,15,127**	0	0	**9,15,127**	**67**	0	0	**67**	**12,14,993**	0	0	**12,14,993**
i. Gold ETF	12	0	0	12	3,64,110	0	0	3,64,110	12	0	0	12	3,50,202	0	0	3,50,202
ii. Other ETFs	51	0	0	51	5,51,017	0	0	5,51,017	55	0	0	55	8,64,791	0	0	8,64,791
E. Fund of Funds Investing Overseas	**29**	0	0	**29**	**1,09,726**	0	0	**1,09,726**	**28**	0	0	**28**	**96,544**	0	0	**96,544**
Total (A+B+C+D+E)	829	1,388	64	2,281	5,27,84,842	26,05,908	8,881	5,53,99,631	833	1,040	35	1,908	6,22,27,919	26,88,428	5,339	6,49,21,686

Note: Data for No. of Schemes also includes serial plans.
$ indicates as on November 30, 2017
Source: SEBI.

Table 56: Trends in Transactions on Stock Exchanges by Mutual Funds (₹ crore)

Year/ Month	Equity			Debt			Total		
	Gross Purchase	Gross Sales	Net Purchase/Sales	Gross Purchase	Gross Sales	Net Purchase/ Sales	Gross Purchase	Gross Sales	Net Purchase/ Sales
2016-17	**3,76,874**	**3,20,316**	**56,559**	**16,05,937**	**12,86,084**	**3,19,853**	**19,82,812**	**16,06,399**	**3,76,412**
2017-18$	**4,05,074**	**3,06,098**	**98,976**	**11,37,738**	**8,79,897**	**2,57,842**	**15,42,813**	**11,85,995**	**3,56,818**
Apr-17	42,814	31,569	11,244	1,34,337	78,404	55,933	1,77,151	1,09,973	67,177
May-17	51,059	41,702	9,358	1,56,917	1,47,403	9,514	2,07,977	1,89,105	18,872
Jun-17	42,823	33,717	9,106	1,47,545	1,34,927	12,618	1,90,368	1,68,644	21,724
Jul-17	50,269	38,469	11,800	1,42,149	1,01,761	40,388	1,92,417	1,40,230	52,187
Aug-17	50,273	32,332	17,941	1,37,927	1,01,460	36,467	1,88,200	1,33,792	54,408
Sep-17	52,153	34,696	17,457	1,49,223	1,17,368	31,855	2,01,376	1,52,064	49,312
Oct-17	50,609	40,618	9,991	1,19,506	90,417	29,088	1,70,115	1,31,036	39,079
Nov-17	65,076	52,996	12,080	1,50,135	1,08,157	41,978	2,15,211	1,61,152	54,058

$ indicates as on November 30, 2017
Source: SEBI

Table 57: Asset Under Management by Portfolio Manager

Year/Month	2016-17			2017-18$		
Particulars	Discretionary	Non-Discretionary	Advisory	Discretionary#	Non-Discretionary	Advisory*
No. of Clients	70,994	4,674	1,482	98,380	5,490	1,755
AUM (₹ in crore)						
Listed Equity	73,913	13,623	**188,385**	101,884	15,412	**212,263**
Unlisted Equity	683	43		585	45	
Plain Debt	8,66,613	52,884		962,453	59,968	
Structured Debt	282	544		298	484	
Equity Derivative	188	0		268	0	
Mutual Fund	8,688	7,563		9,387	9,730	
Others	16,670	404		18,118	626	
Total	**9,67,036**	**75,061**		**10,92,992**	**86,264**	

Note: 1. *Value of Assets for which Advisory Services are being given.
2. #Of the above AUM ₹ 940509.738 Crore is contributed by funds from EPFO/PFs.
3. The above data is based on the monthly reports received from portfolio managers.

$ indicates as on November 30, 2017
Source: SEBI.

Table 58: Progress Report of NSDL & CDSl (Listed Companies)

Parameter	Unit	NSDL					CDSL				
		Nov-17	Oct-17	Nov-16	% *Change during the year*	% *Change during the month*	Nov-17	Oct-17	Nov-16	% *Change during the year*	% *Change during the month*
Number of companies signed up to make their shares available for dematerialization	*Number*	5,835	5,815	6,246	-6.58	0.34	6,652	6,639	6,479	2.67	0.20
Number of Depository Participants (registered)	*Number*	268	268	268	0.00	0.00	589	589	584	0.86	0.00
Number of Stock Exchanges (connected)	*Number*	3	3	3	0.00	0.00	3	3	3	0.00	0.00
Number of Investors Accounts	*Lakh*	166	164	152	9.06	0.88	139	136	117	18.71	1.87
Quantity of Shares dematerialized	*crore*	48,047	47,504	43,985	9.24	1.14	14,161	14,045	13,152	7.67	0.82
Value of Shares dematerialized	₹ *crore*	1,25,21,150	1,22,28,443	92,43,271	35.46	2.39	18,42,778	18,46,746	13,83,239	33.22	-0.21
Quantity of Securities dematerialized #	*crore*	51,433	50,474	46,247	11.21	1.90	15,133	14,974	13,732	10.20	1.07
Value of Securities dematerialized #	₹ *crore*	1,50,02,736	1,46,75,686	1,13,06,238	32.69	2.23	1930811	1931886	1450782	33.09	-0.06
Quantity of shares settled during the month	*crore*	1,236	973	876	41.10	27.01	888	635	541	64.16	39.84
Average Quantity of shares settled daily (quantity of shares settled during the month (divided by 30))	*crore*	41	32	29	41.10	27.01	30	21	18	64.16	39.84
Value of shares settled during the month in dematerialized form	₹ *crore*	3,04,223	2,49,089	2,17,739	39.72	22.13	1,00,369	80,567	51,990	93.05	24.58
Average Value of shares settled daily (value of shares settled during the month (divided by 30))	₹ *crore*	10,141	8,303	7,258	39.72	22.13	3,346	2,686	1,733	93.05	24.58
Training Programmes conducted for representatives of Corporates, DPs and Brokers	*Number*	7	7	12	-41.67	0.00	56	17	63	-11.11	229.41
The ratio of dematerialized equity shares to the total outstanding shares (market value)	*percent*	85.54	86.29	84.80	0.88	-0.87	13	14	14	-1.54	-1.64

Notes: 1. Shares includes only equity shares.
2. Securities include common equity shares, preference shares, debenture, MF units, etc.
3. No. of days taken for calculating Daily Average is 30 days instead of Actual settlement days.
4. Quantity and value of shares mentioned are single sided. 5. #Source for listed securities information: Issuer/ NSE/BSE.
Source: NSDL and CDSL.

Table 59: Progress of Dematerialisation at NSDL and CDSL (Listed and Unlisted Companies)

Year/ Month	NSDL					CDSL				
	Companies Live	DPs Live	DPs Locations	Demat Quantity (million securities)	Demat Value (₹ crore)	Companies Live	DPs Live	DPs Locations	Demat Quantity (million securities)	Demat Value (₹ crore)
2016-17	**17,835**	**264**	**27,389**	**13,17,620**	**1,46,48,687**	**9,887**	**588**	**17,489**	**2,55,227**	**17,73,585**
2017-18$	**19,715**	**268**	**27,964**	**14,37,339**	**1,71,32,419**	**10,221**	**589**	**17,375**	**2,66,867**	**20,79,392**
Apr-17	18,039	265	27,380	13,36,754	1,26,60,053	9,934	589	17,481	2,53,521	18,30,695
May-17	18,233	268	27,395	13,49,820	1,51,39,574	9,968	589	17,415	2,54,730	17,99,050
Jun-17	18,396	268	27,417	13,62,665	1,51,85,478	10,017	590	17,387	2,56,094	17,66,362
Jul-17	18,526	268	27,529	13,82,176	1,57,86,686	10,080	590	17,265	2,56,969	18,74,673
Aug-17	18,715	266	27,539	13,90,211	1,58,18,657	10,126	590	17,322	2,59,731	18,51,407
Sep-17	18,870	267	27,809	14,09,552	1,58,44,660	10,182	590	17,313	2,63,734	18,46,695
Oct-17	18,996	268	27,885	14,31,492	1,68,77,973	10,217	589	17,338	2,65,065	20,79,707
Nov-17	19,715	268	27,964	14,37,339	1,71,32,419	10,221	589	17,375	2,66,867	20,79,392

Notes : 1. For CDSL, the current and historical data of Companies Live has been revised to exclude MF schemes count.
2. The Companies Live figure includes only the number of mutual fund companies and not the mutual fund schemes.
3. DPs Locations' represents the total live (main DPs and branch DPs as well as non-live (back office connected collection centres).

$ indicates as on November 30, 2017
Source: NSDL and CDSL.

Table 60: Depository Statistics

Particulars	Unit	Debt		Equity		Others		Total	
		Listed	Unlisted	Listed	Unlisted	Listed	Unlisted	Listed	Unlisted
NSDL									
Issuers(debt)/ Companies(equity), who have issued the active instument	*Number*	805	1,373	5,835	10,477	64	3,737	6,704	15,587
Active Instruments	*Number*	12,118	5,053	11,728	10,987	6,915	29,465	30,761	45,505
Dematerialised Quantity	*Lakh*	1,10,262	3,22,446	48,04,717	64,74,289	2,28,289	24,33,387	51,43,267	92,30,122
Dematerialised Value	*₹ crore*	23,81,533	3,55,705	1,25,21,150	6,16,615	1,00,053	11,57,363	1,50,02,736	21,29,683
Quantity settled during the month	*Lakh*	8,486	8,065	97,293	106	3,947	4,659	1,09,726	12,830
Value Settled during the month	*₹ crore*	3,85,232	12,400	2,49,089	867	2,405	649	6,36,726	13,915
CDSL									
Issuers(debt)/ Companies(equity), who have issued the active instument	*Number*	570	313	6,652	2,657	2,351	394	9,573	3,364
Active Instruments	*Number*	9,491	1,550	6,768	2,815	17,905	1,433	34,164	5,798
Dematerialised Quantity	*Lakh*	3,039	30,649	14,16,077	9,93,271	94,203	1,31,430	15,13,319	11,55,350
Dematerialised Value	*₹ crore*	52,643	25,213	18,42,778	1,05,548	35,390	17,820	19,30,811	1,48,581
Quantity settled during the month	*Lakh*	34	0	88,833	0	11,822	0	1,00,689	0
Value Settled during the month	*₹ crore*	895	0	1,00,369	0	6,624	0	1,07,888	0

Note: The categories included in Others are Preference Shares, Mutual Fund Units, Warrants, PTCs, Treasury Bills, CPs, CDs and Government Securities.
Source: NSDL and CDSL.

Table 61 : Number of Commodities Permitted and traded at Exchanges

Exchanges	Particulars	Agriculture	Metals other than bullion	Bullion Futures	Bullion Option	Energy	Gems and Stones
NCDEX	Permitted for trading	22	2	1	0	1	0
	Contracts floated	21	1	1	0	0	0
	Traded	17	0	0	0	0	0
MCX	Permitted for trading	9	5	2	1	2	0
	Contracts floated	7	5	2	1	2	0
	Traded	5	5	2	1	2	0
NMCE	Permitted for trading	11	0	0	0	0	0
	Contracts floated	11	0	0	0	0	0
	Traded	7	0	0	0	0	0
ICEX	Permitted for trading	0	0	0	0	0	1
	Contracts floated	0	0	0	0	0	1
	Traded	0	0	0	0	0	1
HCE, Hapur (Regional Exchange)	Permitted for trading	1	0	0	0	0	0
	Contracts floated	1	0	0	0	0	0
	Traded	1	0	0	0	0	0

Source: NCDEX, MCX, NMCE, ICEX and HCE, Hapur.

Table 62: Trends in Commodity Indices

Year/ Month	MCX COMDEX				NCDEX Dhaanya			
	Open	High	Low	Close	Open	High	Low	Close
2016-17	**2,731**	**3,435**	**2,674**	**3,243**	**2,870**	**3,412**	**2,897**	**3,081**
2017-18$	**3,244**	**3,538**	**2,966**	**3,455**	**3,107**	**3,185**	**2,795**	**3,052**
Apr-17	3,244	3,291	3,110	3,148	3,107	3,185	3,014	3,019
May-17	3,147	3,187	2,995	3,110	3,033	3,039	2,795	2,807
Jun-17	3,110	3,117	2,966	3,057	2,821	2,908	2,795	2,876
Jul-17	3,062	3,189	2,976	3,175	2,897	3,001	2,851	2,971
Aug-17	3,174	3,302	3,132	3,299	2,984	3,116	2,950	3,025
Sep-17	3,299	3,392	3,285	3,353	3,031	3,050	2,953	2,988
Oct-17	3,354	3,428	3,325	3,416	3,039	3,039	2,912	2,942
Nov-17	3,418	3,538	3,418	3,455	2,948	3,078	2,930	3,052

$ indicates as on Nov. 30, 2017
Source: MCX and NCDEX

Table 63: Trends in Commodity Futures at MCX

Year/ Month	No.of Trading days	Agriculture			Metals			Bullion			Energy			Total			Open interest at the end of the period		
		Volume ('000 tonnes)	No. of contracts	Turnover (₹ crore)	Volume ('000 tonnes)	No. of contracts	Turnover (₹ crore)	Volume ('000 tonnes)	No. of contracts	Turnover (₹crore)	Volume ('000 tonnes)*	No. of contracts	Turnover (₹crore)	Volume ('000 tonnes)	No. of contracts	Turnover (₹ crore)	Volume ('000 tonnes)	No. of contracts	Value (₹ crore)
2016-17	**260**	**15,947**	**30,87,740**	**139,312**	**93,078**	**6,44,21,776**	**17,53,887**	**207**	**3,71,51,550**	**20,40,270**	**6,74,225**	**11,78,49,477**	**19,32,191**	**7,83,457**	**22,25,10,543**	**58,65,661**	**540**	**2,84,204**	**9,230**
2017-18$	**171**	**7,565**	**14,95,114**	**70,341**	**63,134**	**4,46,03,254**	**13,42,505**	**115**	**1,92,85,134**	**9,52,481**	**3,94,705**	**7,09,83,415**	**11,19,692**	**4,65,519**	**13,63,66,917**	**34,85,018**	**477**	**3,06,732**	**9,959**
Apr-17	19	1,079	1,95,664	9,267	6,867	48,66,800	1,35,572	11	19,08,513	1,00,565	39,029	69,62,917	1,18,856	46,987	1,39,33,894	3,64,260	553	3,23,663	9,003
May-17	23	1,100	2,03,738	9,589	6,808	48,26,541	1,30,357	14	24,35,833	1,23,723	56,277	97,55,773	1,57,675	64,199	1,72,21,885	4,21,344	514	3,29,663	8,848
Jun-17	22	853	1,62,233	7,143	7,512	51,63,533	1,45,600	15	24,75,978	1,21,474	53,457	94,54,043	1,41,609	61,837	1,72,55,787	4,15,826	605	3,43,340	10,151
Jul-17	21	873	1,79,396	7,697	7,963	51,08,986	1,57,998	17	27,33,470	1,29,696	56,695	1,00,39,355	1,49,331	65,548	1,80,61,207	4,44,721	468	3,13,150	10,264
Aug-17	22	874	2,08,398	9,296	8,648	58,73,954	1,85,700	19	30,93,896	1,46,100	56,456	98,06,338	1,47,533	65,998	1,89,82,586	4,88,629	581	2,91,098	11,188
Sep-17	21	984	1,85,263	8,784	8,955	64,61,517	1,99,021	14	25,07,637	1,30,343	48,764	89,00,295	1,34,729	58,717	1,80,54,712	4,72,876	546	2,95,141	11,345
Oct-17	21	718	1,50,155	7,164	8,068	59,23,130	1,89,804	11	17,84,143	88,601	40,624	76,28,871	1,21,529	49,421	1,54,86,299	4,07,098	622	3,25,106	11,445
Nov-17	22	1,083	2,10,267	11,401	8,312	63,78,793	1,98,453	14	23,45,664	1,11,980	43,402	84,35,823	1,48,430	52,812	1,73,70,547	4,70,264	477	3,06,732	9,959

$ indicates as on Nov. 30, 2017
* Natural Gas voulmes are in mm BTU and is not included for computing the Total Volume and Total Open Interest in '000 tonnes
Source: MCX

Table 64: Trends in Commodity Futures at NCDEX

Year/ Month	No.of Trading days	Agriculture			Bullion			Total			Open interest at the end of the period		
		Volume ('000 tonnes)	No. of contracts	Turnover (crore)	Volume ('000 tonnes)	No. of contracts	Turnover (crore)	Volume ('000 tonnes)	No. of contracts	Turnover (crore)	Volume ('000 tonnes)	No. of Contracts	Value (crore)
2016-17	**260**	**1,28,790**	**1,77,50,779**	**5,96,530**	**0.0012**	**1,182**	**322**	**1,28,790**	**1,77,51,961**	**5,96,852**	**1,065**	**1,27,272**	**4,468**
2017-18$	**167**	**82,414**	**94,50,570**	**3,67,763**	0	0	0	**82,414**	**94,50,570**	**3,67,763**	**1,171**	**1,36,409**	**5,352**
Apr-17	19	9,238	10,84,152	43,955	0.00	0.00	0.00	9,238	10,84,152	43,955	1,036	1,18,879	4,605
May-17	22	10,126	11,73,570	43,263	0.00	0.00	0.00	10,126	11,73,570	43,263	1,003	1,16,185	3,915
Jun-17	21	10,075	11,65,261	39,094	0.00	0.00	0.00	10,075	11,65,261	39,094	881	1,05,304	3,582
Jul-17	21	9,125	10,65,325	39,623	0.00	0.00	0.00	9,125	10,65,325	39,623	783	95,341	3,413
Aug-17	21	11,497	13,09,097	54,370	0.00	0.00	0.00	11,497	13,09,097	54,370	824	1,00,138	4,034
Sep-17	21	10,473	11,94,226	50,574	0.00	0.00	0.00	10,473	11,94,226	50,574	769	93,632	3,703
Oct-17	20	9,079	10,26,661	40,811	0.00	0.00	0.00	9,079	10,26,661	40,811	949	1,12,092	4,154
Nov-17	22	12,802	14,32,278	56,073	0.00	0.00	0.00	12,802	14,32,278	56,073	1,171	1,36,409	5,352

$ indicates as on Nov. 30, 2017
Source: NCDEX

Table 65: Trends in Commodity Futures at NMCE

Year/ Month	No.of Trading days	Agriculture			Open interest at the end of the period		
		Volume ('000 tonnes)	No. of contracts	Turnover (₹ crore)	Volume ('000 tonnes)	No. of contracts	Value (₹ crore)
2016-17	**247**	**5,564**	**12,30,289**	**28,442**	**4.82**	**3,328**	**51.23**
2017-18$	**166**	**4,884**	**10,86,940**	**22,210**	**4.15**	**2,697**	**40.67**
Apr-17	18	470	1,35,463	2,367	3.87	2,710	40.95
May-17	22	601	1,57,039	2,770	4.09	2,661	35.56
Jun-17	21	699	1,71,796	3,013	4.55	3,025	41.06
Jul-17	21	622	1,51,437	2,751	4.12	2,398	34.80
Aug-17	21	614	1,42,262	2,711	4.07	2,431	35.76
Sep-17	21	679	1,26,478	3,093	4.63	2,758	40.76
Oct-17	20	573	98,410	2,665	3.97	2,325	33.41
Nov-17	22	627	1,04,055	2,840	4.15	2,697	40.67

$ indicates as on Nov. 30, 2017
Source: NMCE

Table 66:Trends in Gold Options at MCX

Year / Monrh	Call option		Put option		Total		Open interest at month end (No. of bonrtracts)	Notional Value of OI
	No. of contracts	Turnover	No. of contracts	Turnover	No. of Contracts	Turnover		
2017-18$	13,486	4,035	7,224	2,129	20,710	6,163	367	109
Oct-17	6,923	2,078	4,129	1,220	11,052	3,298	1,800	537
Nov-17	6,563	1,957	3,095	909	9,658	2,866	367	109

$ indicates as on Nov. 30, 2017
Note: Option trading in gold contracts commenced at MCX on 17th October, 2017.

1. Values provided in 'No. of contracts' field is Volume in lots and Turnover values are notional value in crores.
2. Values provided for 'Open interest' are inclusive of both call and put.

Table 67: Trends in Diamond Futures at ICEX

Year/ Month	No. of Trading days	Diamond			Open interest at the end of the period		
		Volume (in Cents)	No. of contracts	Turnover (₹ crore)	Open Interest (Cents)	No. of contracts	Value (₹ crore)
2017-18$	**68**	**17,95,498**	**16**	**572.50**	**26,417**	**6**	**7.9**
Aug-17	4	25,588	3	8.23	4,541	3	1.5
Sep-17	21	439,368	3	141.67	12,993	3	4.2
Oct-17	21	514,590	3	165.37	12,825	3	4.1
Nov-17	22	815,952	7	257.23	26,417	6	7.9

$ indicates as on Nov. 30, 2017
Note: Volume & Turnover is for the month & OI details are for the last day of the month.
Source: ICEX

Table 68: Category-wise Share in Turnover at MCX and NCDEX (percent)

Year/ Month	Percentage Share in Turnover at MCX				Percentage Share in Turnover at NCDEX	
	Agriculture	Metals	Bullion	Energy	Agriculture	Bullion
2016-17	**2.38**	**29.90**	**34.78**	**32.94**	**99.94**	**0.06**
2017-18$	**2.02**	**38.52**	**27.33**	**32.13**	100.00	0.00
Apr-17	2.54	37.22	27.61	32.63	100.00	0.00
May-17	2.28	30.94	29.36	37.42	100.00	0.00
Jun-17	1.72	35.01	29.21	34.05	100.00	0.00
Jul-17	1.73	35.53	29.16	33.58	100.00	0.00
Aug-17	1.90	38.00	29.90	30.19	100.00	0.00
Sep-17	1.86	42.09	27.56	28.49	100.00	0.00
Oct-17	1.76	46.62	21.76	29.85	100.00	0.00
Nov-17	2.42	42.20	23.81	31.56	100.00	0.00

$ indicates as on Nov. 30, 2017
Source: MCX and NCDEX

Table 69: Participant-wise Percentage Share of Turnover & Open Interest at MCX

Year/ Month	Turnover				Open Interest at the end of period			
	Agriculture Commodities		Non-Agriculture Commodities		Agriculture Commodities		Non-Agriculture Commodities	
	Pro	Client	Pro	Client	Pro	Client	Pro	Client
2016-17	**35.3**	**64.7**	**19.6**	**80.4**	**10.7**	**89.3**	**18.2**	**81.8**
2017-18$	**35.3**	**64.7**	**21.2**	**78.8**	**16.3**	**83.7**	**26.3**	**73.7**
Apr-17	36.5	63.5	19.7	80.3	10.9	89.1	21.8	78.2
May-17	36.4	63.6	20.0	80.0	13.9	86.1	20.5	79.5
Jun-17	30.6	69.4	18.6	81.4	12.8	87.2	21.0	79.0
Jul-17	34.3	65.7	20.3	79.7	15.6	84.4	22.4	77.6
Aug-17	38.1	61.9	22.8	77.2	16.6	83.4	24.5	75.5
Sep-17	36.2	63.8	23.1	76.9	16.1	83.9	26.4	73.6
Oct-17	33.9	66.1	22.0	78.0	16.3	83.7	26.4	73.6
Nov-17	35.0	65.0	22.1	77.9	16.3	83.7	26.3	73.7

$ indicates as on Nov. 30, 2017
1. All trades executed under client codes other than *OWN* (proprietary account) is treated as client trades and is computed at client Level.
2. All Commodities falling under the category of Energy, Bullion and Metals are treated as Non-Agri., wheresas other commodities are treated as Agri.
3. Open Interest provided is at end of the respective FY or Month as applicable and computed at client level.
   The OI value is considered before marking of delivery on the expiry date.

Source: MCX

Table 70: Partcipant-wise Percentage Share of Turnover & Open Interest at NCDEX

Year/ Month	Turnover (Percent)					Open Interest at the end of period (Percent)				
	Agriculture Commodities			Non-Agriculture Commodities		Agriculture Commodities			Non-Agriculture Commodities	
	Pro	Client	Hedgers	Pro	Client	Pro	Client	Hedgers	Pro	Client
2016-17	**41.6**	**58.2**	**0.3**	**73.6**	**26.4**	**20.7**	**78.3**	**1.0**	**0.0**	**0.0**
2017-18$	**41.1**	**58.8**	**0.1**	**0.0**	**0.0**	**22.4**	**76.7**	**0.9**	**0.0**	**0.0**
Apr-17	39.5	60.3	0.2	0.0	0.0	21.2	77.7	1.1	0.0	0.0
May-17	41.6	58.2	0.2	0.0	0.0	22.5	76.5	1.1	0.0	0.0
Jun-17	40.8	59.0	0.2	0.0	0.0	19.9	79.2	0.9	0.0	0.0
Jul-17	41.6	58.4	0.03	0.0	0.0	21.3	77.8	0.9	0.0	0.0
Aug-17	40.8	59.2	0.04	0.0	0.0	18.6	80.8	0.6	0.0	0.0
Sep-17	42.1	57.8	0.1	0.0	0.0	18.8	80.4	0.8	0.0	0.0
Oct-17	40.4	59.4	0.2	0.0	0.0	20.0	79.2	0.8	0.0	0.0
Nov-17	41.4	58.5	0.2	0.0	0.0	22.4	76.7	0.9	0.0	0.0

$ indicates as on Nov. 30, 2017
Source: NCDEX

Table 71: Participant-wise Percentage Share of Turnover & Open Interest at NMCE

Year/ Month	Turnover		Open Interest at the end of Period	
	Pro	Client	Pro	Client
2016-17	**4.8**	**95.2**	**1.0**	**99.0**
2017-18$	**1.7**	**98.3**	**1.2**	**98.8**
Apr-17	2.9	97.1	0.9	99.1
May-17	1.6	98.4	1.3	98.7
Jun-17	1.0	99.0	0.9	99.1
Jul-17	1.8	98.2	0.9	99.1
Aug-17	1.3	98.7	1.4	98.6
Sep-17	3.0	97.0	2.0	98.0
Oct-17	1.4	98.6	1.6	98.4
Nov-17	0.8	99.2	1.2	98.8

$ indicates as on Nov. 30, 2017
Source: NMCE

Table 72: Participants -wise Percentage Share of Turnover & Open Interest at ICEX

Year/ Month	Turnover		Open Interest at the end of Period	
	Pro	Client	Pro	Client
2017-18$	**61.5**	**38.5**	**53.9**	**46.2**
Aug-17	52.1	47.9	75.4	24.6
Sep-17	62.7	37.3	64.3	35.7
Oct-17	68.2	31.8	50.9	49.1
Nov-17	63.0	37.0	53.9	46.2

$ indicates as on Nov. 30, 2017
Note: Turnover is for the month & OI details are for the last day of the month.
Source: ICEX

Table 73: Commodity-wise monthly turnover and trading volume at MCX

Sr. No	Name of the Commodity	2017-18$		Nov-16		Oct-17		Nov-17	
		Volume ('000 tonnes)	Value (₹ crore)	Volume ('000 tonnes)	Value (₹ crore)	Volume ('000 tonnes)	Value (₹ crore)	Volume ('000 tonnes)	Value (₹ crore)
A	**Bullion**								
1	Gold	1.7	507,088.5	0.3	90,900.3	0.2	46,967.8	0.2	56,558.1
2	Silver	113.2	445,392.6	16.7	70,539.2	10.5	41,633.0	14.1	55,421.9
	Total for A	**115.0**	**952,481.1**	**17.0**	**161,439.5**	**10.7**	**88,600.8**	**14.3**	**111,980.0**
B	**Metals other than Bullion**								
1	Aluminium	8,924.5	116,321.9	1,103.0	12,948.4	1,104.5	15,392.7	1,386.4	18,954.6
2	Copper	7,314.0	297,068.5	1,569.3	59,015.2	905.6	40,690.3	966.8	43,003.2
3	Lead	17,266.2	258,736.2	2,408.7	36,302.7	2,273.4	37,104.2	2,130.3	34,099.9
4	Nickel	2,284.2	156,315.9	241.1	18,323.1	316.3	23,416.2	391.5	30,617.8
5	Zinc	27,345.0	514,062.1	4,534.8	79,997.7	3,468.0	73,200.7	3,437.1	71,777.2
	Total for B	**63,133.9**	**1,342,504.6**	**9,856.9**	**206,587.1**	**8,067.8**	**189,804.1**	**8,312.1**	**198,452.7**
C	**Agricultural commodities**								
1	Cardamom	4.1	445.3	1.6	223.6	0.4	43.1	0.5	49.5
2	Castorseed	0.1	0.2	Na	Na	Na	Na	Na	Na
3	Cotton	1,806.7	21,140.5	301.0	3,348.2	156.6	1,704.7	180.9	1,959.6
4	CPO	5,549.4	28,638.2	710.5	3,781.0	541.6	2,919.4	874.7	4,985.6
5	Kapas	0.01	0.04	0.0	0.0	Na	Na	Na	Na
6	Mentha Oil	168.5	19,789.0	22.6	2,157.5	19.8	2,491.0	27.1	4,404.9
7	Pepper	3.1	148.8	Na	Na	0.1	5.8	0.0	1.6
8	RBD Palmolein	33.3	178.7	Na	Na	Na	Na	Na	Na
	Total for C	**7,565.1**	**70,340.7**	**1,035.8**	**9,510.4**	**718.5**	**7,163.9**	**1,083.2**	**11,401.2**
D	**Energy**								
1	Crude Oil	394,704.7	923,252.8	60,590.3	138,806.8	40,624.1	99,943.1	43,402.0	117,019.3
2	Natural Gas (trln. Btu)	9,949.6	196,439.2	1,798.8	34,894.4	1,121.5	21,586.3	1,575.8	31,410.4
	Total for D*	**394,704.7**	**1,119,692.0**	**60,590.3**	**173,701.2**	**40,624.1**	**121,529.5**	**43,402.0**	**148,429.8**
Grand Total (A+B+C+D)		**465,518.7**	**3,485,018.5**	**71,500.0**	**551,238.3**	**49,421.1**	**407,098.4**	**52,811.6**	**470,263.7**

$ indicates as on Nov. 30, 2017
Note : *Natural Gas volumes are in Trillion BTU and is not included for computing the Total Volume in '000 tonnes
Conversion factors: Cotton (1 Bale=170 kg), Crude Oil (1 Tonne = 7.33Barrels)
Source : MCX

Table 74: Commodity-wise monthly turnover and trading volume at NCDEX

Sr. No	Name of Agri. Commodity	2017-18$		Nov-16		Oct-17		Nov-17	
		Volume in 1000 tons	Value (₹ crore)	Volume in 1000 tons	Value (₹ crore)	Volume in 1000 tons	Value (₹ crore)	Volume in 1000 tons	Value (₹ crore)
1	Barley	188.0	276.9	13.9	25.4	8.6	12.8	6.0	9.2
2	Castorseed	6,643.3	30,343.3	Na	Na	654.2	2,971.9	694.8	3,093.4
3	Chana	6,726.1	36,232.3	Na	Na	1,505.5	7,748.5	1,541.0	7,372.2
4	Chilli	Na	Na	0.0	0.0	Na	Na	Na	Na
5	Cotton seed oil cake	8,610.0	14,836.1	830.0	1,632.5	443.2	676.2	906.2	1,429.1
6	Cotton	Na	Na	0.1	2.9	Na	Na	Na	Na
7	Coriander	2,485.5	13,530.9	86.7	673.6	257.8	1,250.7	234.7	1,212.0
8	Guar seed	20,115.3	74,965.9	1,376.4	4,529.5	2,512.0	9,393.7	3,134.3	11,727.4
9	Guargum	4,617.1	36,855.3	360.9	2,217.8	553.6	4,480.5	717.1	6,003.1
10	Jeera	1,392.2	26,565.3	146.9	2,599.2	96.6	1,838.2	109.6	2,189.2
11	Kapas	2,019.4	9,126.1	77.5	1,424.2	222.1	971.8	302.2	1,374.4
12	Maize	239.1	319.2	106.9	150.9	0.1	0.1	0.03	0.04
13	Pepper	4.7	220.1	Na	Na	0.3	12.2	0.1	2.4
14	Rape/Mustard Seed	7,409.8	27,886.9	997.6	4,625.9	706.9	2,722.5	955.7	3,829.3
15	Rape/Mustard oilcake	14.71	26.71	Na	Na	Na	Na	Na	Na
16	Sugar	13.4	49.5	24.4	85.4	0.1	0.4	0.1	0.4
17	Soybean	12,430.4	36,786.5	1,806.6	5,595.9	1,375.0	3,999.4	2,843.4	8,370.7
18	Refined Soy oil	7,765.4	50,965.2	1,037.1	7,127.3	611.9	4,098.1	1,205.9	8,679.5
19	Soymeal	0.8	1.9	Na	Na	Na	Na	Na	Na
20	Degummed Soy Oil	12.4	73.1	Na	Na	Na	Na	Na	Na
21	Turmeric	1,154.9	7,758.8	100.9	726.2	72.5	533.5	94.5	684.5
22	Wheat	571.7	943.6	112.0	228.5	59.1	100.4	56.1	96.5
	Total	**82,414.1**	**367,763.3**	**7,077.8**	**31,645.3**	**9,079.3**	**40,810.8**	**12,801.7**	**56,073.4**

$ indicates as on Nov. 30, 2017
Source: NCDEX

Table 75: Commodity-wise monthly turnover and trading volume at NMCE

Sr. No	Name of the Commodity	2017-18$		Nov-16		Oct-17		Nov-17	
		Volume ('000 tonnes)	Value (₹ crore)	Volume ('000 tonnes)	Value (₹ crore)	Volume ('000 tonnes)	Value (₹ crore)	Volume ('000 tonnes)	Value (₹ crore)
1	Castorseed	701.1	3,193.4	108.9	407.6	145.3	664.3	98.2	437.1
2	Guarseed	547.1	2,010.9	39.5	132.5	37.2	139.0	35.0	126.9
3	Isabgulseed	409.1	4,606.9	52.8	629.6	50.8	562.5	52.9	583.8
4	Pepper Mini	0.4	21.8	0.3	17.2	0.1	2.3	0.0	1.2
5	Rape/Mustardseed	1,738.2	5,569.4	164.1	599.9	159.9	507.5	239.8	800.0
6	Raw Jute	1,374.5	5,295.7	100.4	423.0	171.8	686.1	189.8	755.0
7	Rubber	113.7	1,512.0	17.8	232.0	8.0	102.9	10.7	136.4
	Total	**4,884.0**	**22,210.0**	**483.7**	**2,441.8**	**573.0**	**2,664.7**	**626.5**	**2,840.4**

$ indicates as on Nov. 30, 2017
Source : NMCE

Table 76: Macro Economic Indicators

I.	**GDP at constant prices (2011-12 prices) for 2016-17 (₹crore)***					1,21,89,854
II.	**Gross Saving as a percent of Gross national Disposable Income at current market prices in 2015-16**					31.6
III.	**Gross Capital Formation as a percent of GDP at current market prices in 2016-17@**					27.1
IV.	**Monetary and Banking Indicators**	**July 2017**	**August 2017**	**September 2017**	**October 2017**	**November 2017**
	Cash Reserve Ratio (percent)	4.0	4.0	4.0	4.0	4.0
	Repo Rate (percent)	6.25	6.00	6.00	6.00	6.00
	Money Supply (M3) (₹ crore)	1,28,57,420	1,29,26,420	1,32,33,780	1,31,671	1,31,986
	Aggregate Deposit (₹ crore)	1,06,25,440	1,06,72,670	1,09,67,730	1,08,498	1,08,472
	Bank Credit (₹ crore)	76,88,810	77,04,220	80,08,830	79,16,930	79,619
V.	**Interest Rate**					
	Call Money Rate (Weighted Average)	6.08	5.93	5.88	5.85	5.89
	91-Day-Treasury Bill (Primary Yield)	6.15	6.11	6.11	6.11	6.11
	Base rate (percent)	9.00/9.55	9.00/9.55	9.00/9.55	8.95/9.45	8.95/9.45
	Term Deposit Rate > 1 year (Maximum)	6.25/6.90	6.25/6.75	6.25/6.75	6.25/6.75	6.00/6.75
VI.	**Capital Market Indicators (₹crore)**					
	Turnover (BSE+NSE)	6,32,340	6,32,893	6,84,441	6,85,449	8,57,896
	Market Cap-BSE	1,32,62,246	1,31,89,763	1,31,81,353	1,43,91,546	1,45,96,656
	Market Cap-NSE	1,31,21,441	1,30,55,208	1,30,45,716	1,42,08,617	1,43,92,501
	Net FPI Investment in Equity	5,161	-1,992	-1,752	3,055	19,728
VII.	**Exchange Rate and Reserves**					
	Forex Reserves (USD million)	3,92,868	3,94,550	3,99,657	3,98,761	4,00,742
	Re/ Dollar	64.15	64.07	65.36	65.09	64.73
	Re/Euro	74.98	75.58	77.06	75.68	76.72
	Forward Premia of USD 6-month	4.60	4.48	4.19	4.36	4.39
VIII.	**Public Borrowing and Inflation**					
	Govt. Market Borrowing-Gross (₹ crore) 2017-18	2,34,000	2,94,000	3,57,000	4,01,000	4,61,000
	Wholesale Price Index (2011-12=100)	113.9	114.8	114.3	115.5	116.3
	Consumer Price Index (2012 =100)	134.2	135.5	135.2	136.1	137.6
IX.	**Index of Industrial Production (y-o-y) percent (Base year 2011-12 = 100)**					
	General	118.2	121.5	123.1	123.0	NA
	Mining	92.6	92.7	94.5	101.2	NA
	Manufacturing	119.5	123.3	125.6	124.3	NA
	Electricity	151.8	155.4	150.5	149.8	NA
X.	**External Sector Indicators (USD million)**					
	Exports	22,544	23,819	28,613	23,098	26,196
	Imports	33,994	29,303	37,598	37,117	40,025
	Trade Balance	-11,450	-5,484	-8,984	-14,019	-13,829

Notes:
1. *: Provisional Estimates; Data as per the new series released by MOSPI
2. CPI Data ia being released on Base 2012=100 from January 2015 by MOSPI
3. @ First Revised Estimates
4. ! Base year is 2004-05 (2004-05=100)

Source : RBI, MOSPI, Ministry of Commerce & Industry.

PUBLICATIONS

1. Annual Report : 2016-17
2. Handbook of Statistics, 2016

Interested persons may contact Publication Division, Department of Economic and Policy Analysis of SEBI to obtain a copy of Annual Report/Handbook of Statistics at the following address:

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Plot No. C4-A, 'G' Block,

Bandra Kurla Complex,

Bandra (E), Mumbai-400051

Tel no. +91-2226449000

Fax no. +91-2226449021