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**Securities and Exchange Board of India**

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## CAPITAL MARKET REVIEW

### 1. Trends in Primary Market

#### A. Equity and Debt Issue

During October 2014, ₹1,320 crore were mobilised in the primary market (equity and debt issues) by way of seven issues as compared to ₹1,616 crore mobilised through 18 issues in September 2014, showing a decrease of 18.3 percent from the previous month. In October 2014, ₹7 crore were mobilised through two

equity issues as compared to ₹1,218 crore mobilised by the way of 17 equity issues in September 2014.

The cumulative amount mobilised for the financial year 2014-15, so far, stood at ₹9,564 crore through 54 issues as against ₹14,154 crore through 40 issues during the corresponding period of 2013-14.

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

| Items                                | Oct-14        |                  | Sep-14        |                  | 2014-15\$     |                  | 2013-14\$     |                  |
|--------------------------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|
|                                      | No. of Issues | Amount (₹ crore) |
| 1                                    | 2             | 3                | 4             | 5                | 6             | 7                | 8             | 9                |
| a) Public Issues (i) + (ii)          | 7             | 1,320            | 15            | 960              | 44            | 6,769            | 31            | 11,988           |
| i) Public issue (Equity)<br>of which | 2             | 7                | 14            | 562              | 27            | 1,037            | 21            | 1,142            |
| IPOs                                 | 2             | 7                | 14            | 562              | 27            | 1,037            | 21            | 1,142            |
| FPOs                                 | 0             | 0                | 0             | 0                | 0             | 0                | 0             | 0                |
| ii) Public Issue (Debt)              | 5             | 1,313            | 1             | 398              | 17            | 5,732            | 10            | 10,846           |
| b) Rights Issues                     | 0             | 0                | 3             | 656              | 10            | 2,795            | 9             | 2,166.4          |
| <b>Total Equity Issues (i+b)</b>     | <b>2</b>      | <b>7</b>         | <b>17</b>     | <b>1,218</b>     | <b>37</b>     | <b>3,832</b>     | <b>30</b>     | <b>3,308</b>     |
| <b>Total (a + b)</b>                 | <b>7</b>      | <b>1,320</b>     | <b>18</b>     | <b>1,616</b>     | <b>54</b>     | <b>9,564</b>     | <b>40</b>     | <b>14,154</b>    |

Notes: 1. IPOs - Initial Public Offers, FPOs - Follow on Public Offers.

2. \$ indicates as of last day of October of respective year.

Source: SEBI

#### B. QIPs Listed at BSE and NSE

During October 2014, there were seven QIP issues worth ₹1,073 crore in the market as compared to five QIP issues worth ₹2,154 crore in September 2014.

The cumulative amount mobilised through QIP route during 2014-15, as of October 31, 2014, stood at ₹21,402 crore through 30 issues. (Details in Table 10)

#### C. Preferential Allotments Listed at BSE and NSE

There were 39 preferential allotments (₹2,605 crore) listed at BSE and NSE during October 2014 as compared to 31 preferential allotments (₹2,821 crore) in September 2014. The cumulative amount mobilised

through preferential allotments route during 2014-15, as of October 31, 2014, stood at ₹21,422 crore through 293 issues. (Details in Table 11)

#### D. Private Placement

In the corporate debt market, ₹38,399 crore were raised through 279 issues by way of private placement listed at BSE and NSE during October 2014 compared to ₹58,579 crore raised through 312 issues in September 2014. (Details in Table 12)

The total amount mobilised through private placement in the equity segment in October 2014 was ₹3,677 crore as against ₹4,975 crore in September 2014. (Exhibit 1A)

**Exhibit 1A: Total Resources Mobilised by Corporate Sector (Amount in ₹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                                 |
| 2010-11   | 58,157          | 56,361             | 1,14,518    | 9,451       | 2,18,785           | 2,28,236    | 3,42,754                          |
| 2011-12   | 12,857          | 27,871             | 40,729      | 35,611      | 2,61,283           | 2,96,894    | 3,37,622                          |
| 2012-13   | 15,473          | 62,935             | 78,408      | 16,982      | 3,61,462           | 3,78,444    | 4,56,852                          |
| 2013-14   | 13,269          | 60,125             | 73,394      | 42,382      | 2,76,054           | 3,18,436    | 3,91,830                          |
| 2014-15\$ | 3,833           | 42,824             | 46,657      | 5,732       | 1,83,690           | 1,89,335    | 2,35,992                          |
| Apr-14    | 780             | 3,160              | 3,940       | 200         | 23,575             | 23,775      | 27,714                            |
| May-14    | 170             | 5,958              | 6,128       | 250         | 9,070              | 9,320       | 15,448                            |
| Jun-14    | 24              | 9,613              | 9,638       | 891         | 18,326             | 19,217      | 28,855                            |
| Jul-14    | 27              | 11,849             | 11,876      | 2,418       | 2,866              | 5,310       | 17,186                            |
| Aug-14    | 1,607           | 3,591              | 5,198       | 261         | 32,876             | 33,025      | 38,223                            |
| Sep-14    | 1,218           | 4,975              | 6,193       | 398         | 58,579             | 58,977      | 65,170                            |
| Oct-14    | 7               | 3,677              | 3,684       | 1,313       | 38,399             | 39,712      | 43,397                            |

Notes: 1. Private placement of Equity includes, amount raised through preferential allotments, QIP and IPP mechanism,

2. Public Equity Issues includes IPO, FPO & Rights issues of common equity shares.

3. \$ indicates as of last day of October 2014.

Source: SEBI

### E. Resource Mobilisation by Mutual Funds

During October 2014, Mutual Funds saw a net inflow of ₹1,24,441 crore (private sector mutual funds witnessed inflow of ₹1,10,247 crore while public sector mutual funds saw inflow of ₹14,194 crore) as compared to a

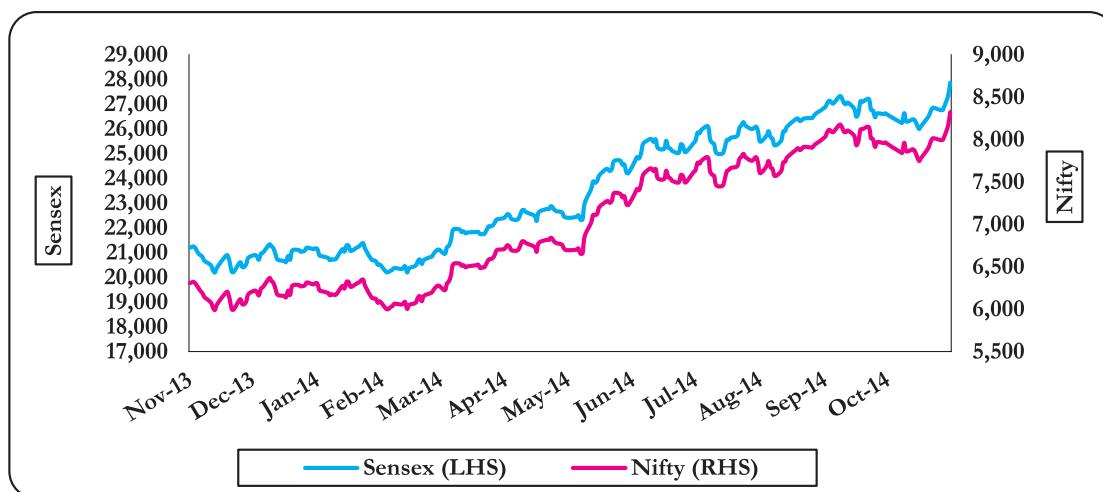
net outflow of ₹69,664 crore (private sector mutual funds witnessed outflow of ₹54,915 crore while public sector mutual funds saw outflow of ₹14,749 crore) in September 2014. (Details in Table 64)

### II. Trends in the Secondary Market

S&P BSE Sensex closed at 27,865.8 on October 31, 2014, as against 26,630.5 on September 30, 2014, registering an increase of 1,235.3 points (4.6 percent).

During October 2014, Sensex recorded an intraday high of 27,894.3 on October 31, 2014 and an intraday low of 25,910.8 on October 17, 2014.

Figure 1: Movement of Sensex and Nifty



CNX Nifty closed at 8,322.0 on October 31, 2014 compared to 7,964.8 on September 30, 2014 indicating an increase of 357.2 points (4.5 percent). During

October 2014, Nifty recorded an intraday high of 8,330.8 on October 31, 2014 and an intraday low of 7,723.9 on October 17, 2014.

## Exhibit 2: The Basic Indicators in Cash Market

| Particulars                               | 2013-14   | 2014-15\$ | Sep-14    | Oct-14    | Percentage change over the previous month |
|---|-----------|-----------|-----------|-----------|---|
| 1   | 2         | 3         | 4         | 5         | 6   |
| <b>A. Indices</b>                         |           |           |           |           |   |
| S & P BSE Sensex                          | 22,386    | 27,866    | 26,630.5  | 27,865.8  | 4.6                                       |
| CNX Nifty                                 | 6,704     | 8,322     | 7,964.8   | 8,322.0   | 4.5                                       |
| <b>B. Market Capitalisation (₹ crore)</b> |           |           |           |           |   |
| BSE                                       | 74,15,296 | 96,84,691 | 93,82,249 | 96,84,691 | 3.2                                       |
| NSE                                       | 72,77,720 | 94,90,520 | 91,72,838 | 94,90,520 | 3.5                                       |
| <b>C. Gross Turnover (₹ crore)</b>        |           |           |           |           |   |
| BSE                                       | 5,21,664  | 4,88,135  | 82,311    | 51,078    | -37.9                                     |
| NSE                                       | 28,08,489 | 24,71,051 | 3,83,261  | 2,71,191  | -29.2                                     |
| <b>D. P/E Ratio</b>                       |           |           |           |           |   |
| S & P BSE Sensex                          | 18.3      | 19.1      | 18.3      | 19.1      | 5.8                                       |
| CNX Nifty                                 | 18.9      | 21.6      | 20.8      | 21.6      | 3.7                                       |

Notes: 1. Due to insignificant activity in the cash & equity derivatives segment at MCX-SX, the data for MCX-SX has been temporarily not included in the table.

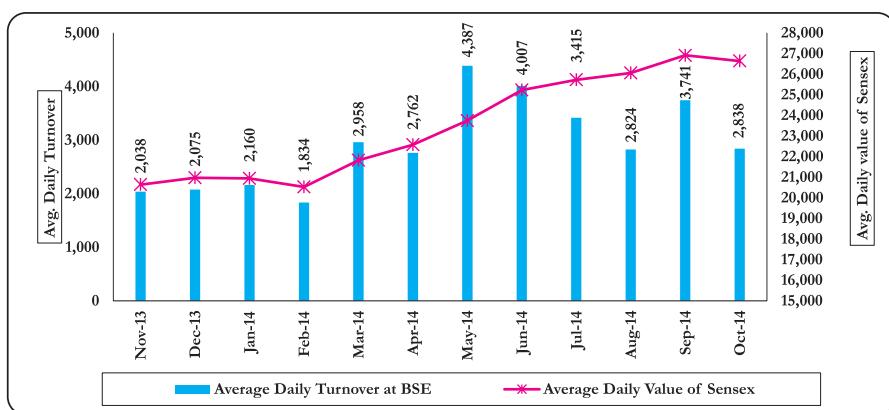
2. \$ indicates as on last trading day of October 2014.

Source: BSE, NSE

The PE ratio of S&P BSE Sensex was 19.1 on October 31, 2014 as against 18.3 on September 30, 2014. The PE

ratio of CNX Nifty was 21.6 on October 31, 2014 as against 20.8 on September 30, 2014.

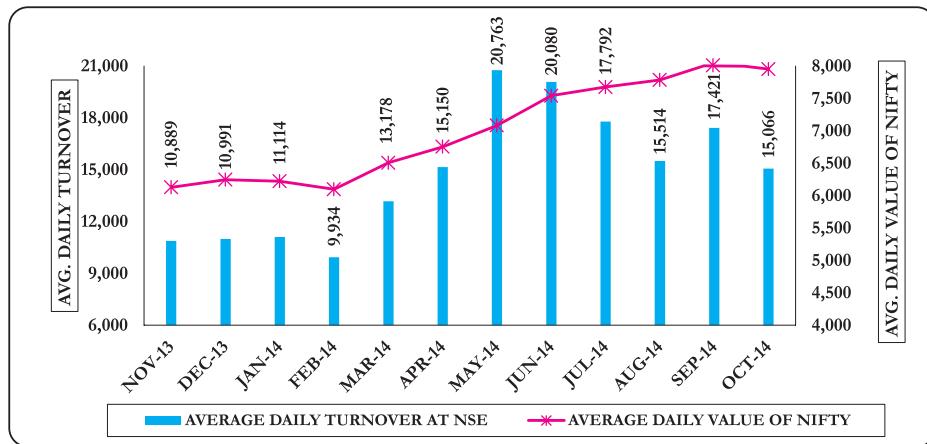
Figure 2: Monthly Average of BSE Turnover and Sensex



The market capitalisation of BSE and NSE increased by 3.2 percent and 3.5 percent to ₹96,84,691 crore and

₹94,90,520 crore, respectively, at the end of October 2014.

Figure 3: Monthly Average of NSE Turnover and Nifty



The monthly turnover of BSE (cash segment) decreased by 37.9 percent from ₹82,311 crore in September 2014 to ₹51,078 crore in October 2014.

The monthly turnover of NSE (cash segment) also decreased by 29.2 percent from ₹3,83,261 crore in September 2014 to ₹ 2,71,191 crore in October 2014.

### Exhibit 3: Performance of Indices at BSE and NSE during October 2014 (Percent)

| BSE                   |                            | NSE        |                  |                            |            |
|-----------------------|----------------------------|------------|------------------|----------------------------|------------|
| Index                 | Change over Previous month | Volatility | Index            | Change over Previous month | Volatility |
| 1                     | 2                          | 3          | 4                | 5                          | 6          |
| BSE Sensex            | 4.6                        | 0.9        | CNX Nifty        | 4.5                        | 0.9        |
| BSE 100               | 4.6                        | 1.0        | CNX Nifty Junior | 4.2                        | 1.3        |
| BSE 200               | 4.3                        | 1.0        | CNX 500          | 4.2                        | 1.0        |
| BSE 500               | 4.1                        | 1.0        | CNX Mid-cap      | 3.7                        | 1.1        |
| BSE Small Cap         | 2.3                        | 1.0        | CNX 100          | 4.4                        | 1.0        |
| BSE FMCG              | -1.8                       | 0.9        | CNX Defty        | 4.8                        | 1.1        |
| BSE Consumer Durables | 0.2                        | 1.7        | CNX IT           | 0.3                        | 1.7        |
| BSE Capital Goods     | 11.6                       | 1.5        | Bank Nifty       | 10.7                       | 1.2        |
| BSE Bankex            | 10.7                       | 1.2        | Nifty Mid-cap 50 | 5.3                        | 1.3        |
| BSE Teck              | 0.3                        | 1.4        |                  |                            |            |
| BSE Oil & Gas         | 4.0                        | 1.3        |                  |                            |            |
| BSE Metal             | 3.9                        | 1.8        |                  |                            |            |
| BSE Auto              | 4.7                        | 1.4        |                  |                            |            |
| BSE PSU               | 7.2                        | 1.1        |                  |                            |            |
| BSE Healthcare        | 0.0                        | 1.3        |                  |                            |            |

Source: BSE and NSE

At the end of October 2014, 14 out of 15 BSE indices closed positive compared to 10 out of 15 indices at the end of the previous month.

Among BSE indices, BSE Capital Goods rose highest by 11.6 percent followed by BSE Bankex Index (10.7 percent) and BSE PSU Index (7.2 percent). BSE FMCG Index closed with a negative return of 1.8.

At NSE, all nine indices under consideration closed positive in October 2014, compared to six out of nine indices closing positive in previous month. Among NSE indices, Bank Nifty Index rose highest by 10.7 percent followed by Nifty Mid-cap 50 Index (5.3

percent) and CNX Defty Index (4.8 percent) during October 2014.

During October 2014, the daily volatility of BSE Metal Index was highest at 1.8 percent followed by BSE Consumer Durables Index (1.7 percent). BSE Sensex and BSE FMCG had lowest daily volatility of 0.9 percent.

At NSE, among all the indices, daily volatility of CNX IT Index was highest at 1.7 percent followed by CNX Nifty Junior Index (1.3 percent) and Nifty Mid-cap 50 Index during October 2014.

### III. Trends in Depository Accounts

The total number of investor accounts was 134.6 lakh at NSDL and 92.0 lakh at CDSL at the end of October 2014. In October 2014, the number of investor accounts at NSDL and CDSL increased by 1.2 percent and 0.8 percent, respectively, over the previous month.

A comparison with October 2013 showed there was an increase in the number of investor accounts to the extent of 3.8 percent at NSDL and 6.9 percent at CDSL. (Details in Table 70)

### IV. Trends in Derivatives Segment

#### A. Equity Derivatives

The monthly total turnover in equity derivative market at NSE decreased by 19.0 percent from ₹51,02,285 crore in September 2014 to ₹41,32,744 crore in October 2014.

The monthly turnover of index futures decreased by 16.2 percent from ₹3,32,662 crore in September 2014 to ₹2,78,779 crore in October 2014 while the monthly turnover of stock futures also decreased by 24.5 percent

from ₹7,34,203 crore in September 2014 to ₹5,54,556 crore in October 2014.

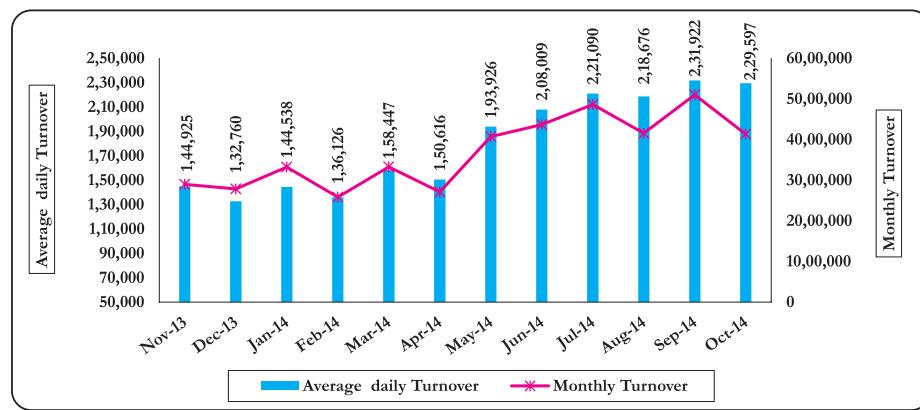
The monthly turnover of put option on index decreased by 18.6 percent from ₹18,31,347 crore in September 2014 to ₹14,91,130 crore in October 2014 while that of call option on index also decreased by 18.8 percent from ₹18,93,485 crore in September 2014 to ₹15,38,062 crore in October 2014.

The open interest in value terms in equity derivative segment of NSE increased by 4.6 percent from ₹1,73,279 crore as on September 30, 2014 to ₹1,81,244

crore as on October 31, 2014.

The open interest in value terms in equity derivative segment for Index Futures, Stock Futures, Put Options on Index, Call Options on Index, Put Options on Stock and Call Options on Stock at the end of October 2014 stood at ₹22,130 crore, ₹55,900 crore, ₹46,252 crore, ₹49,111 crore, ₹2,888 crore and ₹4,962 crore respectively, with a corresponding growth rates of 40.8 percent, 8.5 percent, 1.4 percent, -3.3 percent, -8.3 percent and -23.2 percent as compared to September 30, 2014.

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



The monthly total turnover in equity derivative segment of BSE decreased by 12.9 percent from ₹24,74,709 crore in September 2014 to ₹21,55,354 crore in October 2014. During October 2014, NSE had 65.7 percent share in total equity derivatives turnover in India while BSE's share was 34.3 percent.

The monthly turnover of call options on index at BSE decreased by 34.7 percent from ₹14,58,632 crore in September 2014 to ₹9,52,665 crore in October 2014, while the monthly turnover of put options on index increased by 18.6 percent from ₹10,08,200 crore in September 2014 to ₹11,96,111 crore in October 2014.

The monthly turnover of index futures decreased by 15.5 percent from ₹3,807 crore in September 2014 to ₹3,217 crore in October 2014, while the monthly

turnover of stock futures decreased by 6.1 percent from ₹380 crore in September 2014 to ₹357 crore in October 2014.

Even though BSE constitute 34.3 percent turnover in equity derivative segment, in terms of open interest its share was 0.5 percent in October 2014. The open interest in value terms in equity derivative segment of BSE increased by 15.3 percent from ₹820 crore as on September 30, 2014 to ₹946 crore as on October 31, 2014. The open interest in value terms in equity derivative segment for Index Futures, Stock Futures, Put Options on Index, Call Options on Index, Put Options on Stock and Call Options on Stock at the end of October 2014 stood at ₹464 crore, ₹37 crore, ₹178 crore, ₹255 crore, ₹8 crore, ₹5 crore respectively.

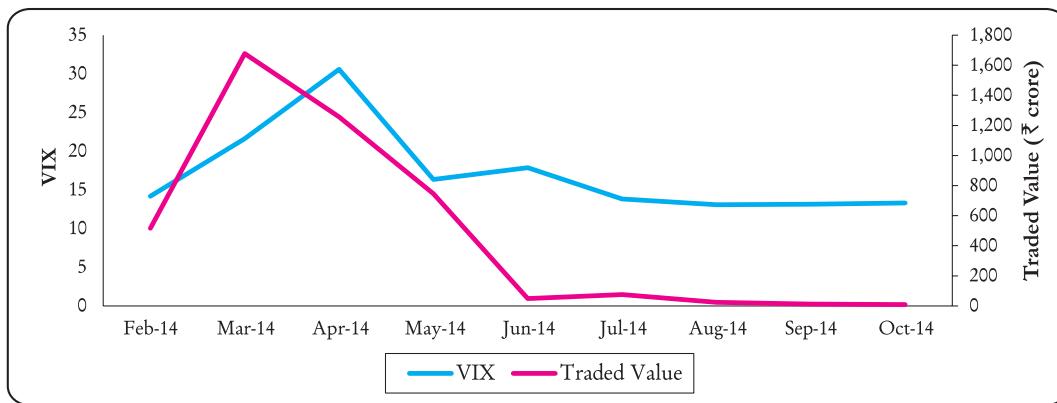
## B. VIX Futures at NSE

NSE introduced futures contracts on India VIX in Futures & Options segment of NSE w.e.f. February 26, 2014. India VIX is India's first volatility Index which is a key measure of market expectations of near-term. The contract symbol is INDIAVIX and 3 weekly futures contract were made available for trading. The contracts shall expire on every Tuesday. The tick size is 0.25 and lot size has been revised to 800 with effect

from October 28, 2014. Further, for the ease of trading the India VIX futures price shall be quoted as expected India VIX index value multiplied by 100.

During October 2014, 111 VIX futures contracts with total value of ₹9 crore were traded at NSE F&O segment of NSE. INDIAVIX value at the end of October 2014 stood at 13.295 as against 13.145 as of end September 2014.

Figure 5: Trends in VIX futures at NSE



## Exhibit 4: Trends in Equity Derivatives Market

| Particular  | NSE                 |                     |                              | BSE                |                    |                              |
|---|---------------------|---------------------|------------------------------|--------------------|--------------------|------------------------------|
|   | Oct-14              | Sep-14              | Percentage Change Over Month | Oct-14             | Sep-14             | Percentage Change Over Month |
| 1   | 2                   | 3                   | 4                            | 5                  | 6                  | 7                            |
| <b>A. Turnover (₹ crore)</b>                        |                     |                     |                              |                    |                    |                              |
| (i) Index Futures                                   | 2,78,779            | 3,32,662            | -16.2                        | 3,217              | 3,807              | -15.5                        |
| (ii) Options on Index                               |                     |                     |                              |                    |                    |                              |
| Put   | 14,91,130           | 18,31,347           | -18.6                        | 11,96,111          | 10,08,200          | 18.6                         |
| Call  | 15,38,062           | 18,93,485           | -18.8                        | 9,52,665           | 14,58,632          | -34.7                        |
| (iii) Stock Futures                                 | 5,54,556            | 7,34,203            | -24.5                        | 357                | 380                | -6.1                         |
| (iv) Options on Stock                               |                     |                     |                              |                    |                    |                              |
| Put   | 90,118              | 98,536              | -8.5                         | 1,688              | 1,958              | -13.8                        |
| Call  | 1,80,100            | 2,12,052            | -15.1                        | 1,317              | 1,733              | -24.0                        |
| <b>Total</b>  | <b>41,32,744</b>    | <b>51,02,285</b>    | <b>-19.0</b>                 | <b>21,55,354</b>   | <b>24,74,709</b>   | <b>-12.9</b>                 |
| <b>B. No. of Contracts</b>                          |                     |                     |                              |                    |                    |                              |
| (i) Index Futures                                   | 72,42,848           | 82,75,270           | -12.5                        | 79,997             | 94,154             | -15.0                        |
| (ii) Options on Index                               |                     |                     |                              |                    |                    |                              |
| Put   | 3,93,89,871         | 4,60,23,582         | -14.4                        | 3,05,17,024        | 2,55,89,757        | 19.3                         |
| Call  | 3,93,69,465         | 4,61,52,041         | -14.7                        | 2,31,72,413        | 3,52,12,609        | -34.2                        |
| (iii) Stock Futures                                 | 1,49,06,874         | 1,85,98,889         | -19.9                        | 10,058             | 10,482             | -4.0                         |
| (iv) Options on Stock                               |                     |                     |                              |                    |                    |                              |
| Put   | 24,94,343           | 26,22,800           | -4.9                         | 52,624             | 62,492             | -15.8                        |
| Call  | 46,58,191           | 52,67,835           | -11.6                        | 38,706             | 44,586             | -13.2                        |
| <b>Total</b>  | <b>10,80,61,592</b> | <b>12,69,40,417</b> | <b>-14.9</b>                 | <b>5,38,70,822</b> | <b>6,10,14,080</b> | <b>-11.7</b>                 |
| <b>C. Open Interest in terms of Value (₹ crore)</b> |                     |                     |                              |                    |                    |                              |
| (i) Index Futures                                   | 22,130              | 15,713              | 40.8                         | 464                | 303                | 52.8                         |
| (ii) Options on Index                               |                     |                     |                              |                    |                    |                              |
| Put   | 46,252              | 45,634              | 1.4                          | 178                | 328                | -45.7                        |
| Call  | 49,111              | 50,798              | -3.3                         | 255                | 112                | 128.5                        |
| (iii) Stock Futures                                 | 55,900              | 51,527              | 8.5                          | 37                 | 38                 | -4.6                         |
| (iv) Options on Stock                               |                     |                     |                              |                    |                    |                              |
| Put   | 2,888               | 3,150               | -8.3                         | 8                  | 19                 | -55.5                        |
| Call  | 4,962               | 6,458               | -23.2                        | 5                  | 21                 | -75.0                        |
| <b>Total</b>  | <b>1,81,244</b>     | <b>1,73,279</b>     | <b>4.6</b>                   | <b>946</b>         | <b>820</b>         | <b>15.3</b>                  |
| <b>D. Open Interest in terms of No of Contracts</b> |                     |                     |                              |                    |                    |                              |
| (i) Index Futures                                   | 9,73,885            | 3,96,494            | 145.6                        | 11,090             | 7,593              | 46.1                         |
| (ii) Options on Index                               |                     |                     |                              |                    |                    |                              |
| Put   | 20,11,584           | 11,48,430           | 75.2                         | 4,251              | 8,199              | -48.2                        |
| Call  | 20,97,244           | 12,78,418           | 64.0                         | 6,098              | 2,793              | 118.3                        |
| (iii) Stock Futures                                 | 19,19,788           | 14,50,903           | 32.3                         | 1,277              | 1,084              | 17.8                         |
| (iv) Options on Stock                               |                     |                     |                              |                    |                    |                              |
| Put   | 96,437              | 89,816              | 7.4                          | 256                | 787                | -67.5                        |
| Call  | 1,66,373            | 1,84,717            | -9.9                         | 191                | 710                | -73.1                        |
| <b>Total</b>  | <b>72,65,311</b>    | <b>45,48,778</b>    | <b>59.7</b>                  | <b>23,163</b>      | <b>21,166</b>      | <b>9.4</b>                   |

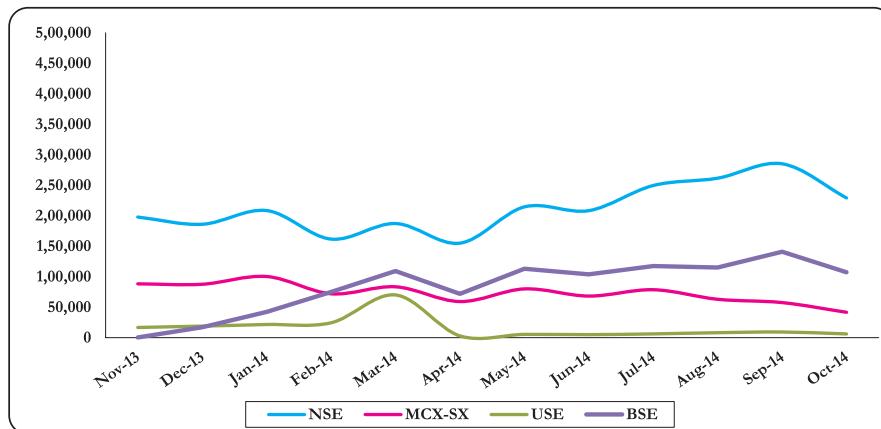
Source: NSE, BSE

### C. Currency Derivatives at NSE, MCX-SX, USE and BSE

During October 2014, the monthly turnover of currency derivatives at NSE decreased by 19.6 percent to ₹2,29,235 crore from ₹2,85,236 crore in September 2014. Further, the turnover of currency derivatives at BSE, which started in November 2013, decreased by 23.9 percent to ₹1,07,439 crore in October 2014 from ₹1,41,170 crore in September 2014. At MCX-SX, the

monthly turnover of currency derivatives decreased by 27.7 percent to ₹41,661 crore in October 2014 from ₹57,590 crore in September 2014. The turnover of currency derivatives at USE decreased by 34.4 percent from ₹9,370 crore in September 2014 to ₹6,146 crore in October 2014. (Details in Table 42, 43, 44 and 45)

**Figure 6: Trends of Currency Derivatives at NSE, MCX-SX, USE and BSE (₹crore)**

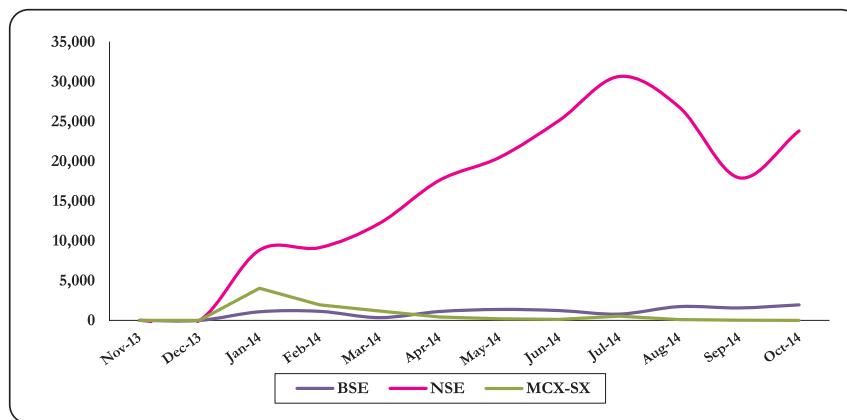


### D. Interest Rate Derivatives at NSE, BSE and MCX-SX

Interest Rate Futures (IRFs) at NSE recorded a trading value of ₹23,826 crore in October 2014, an increase of 32.9 percent from ₹17,927 crore in September 2014. IRFs at BSE recorded a trading value of ₹1,954 crore in October 2014, an increase of 24.6 percent from ₹1,568

crore in September 2014. IRF at MCX-SX registered a turnover of ₹5 crore in October 2014 as compared to ₹21 crore in September 2014, showing a decrease of 74.5 percent. (Details in Table 55)

**Figure 7: Trends of Interest Rate Derivatives at NSE, BSE and MCX-SX (₹ crore)**

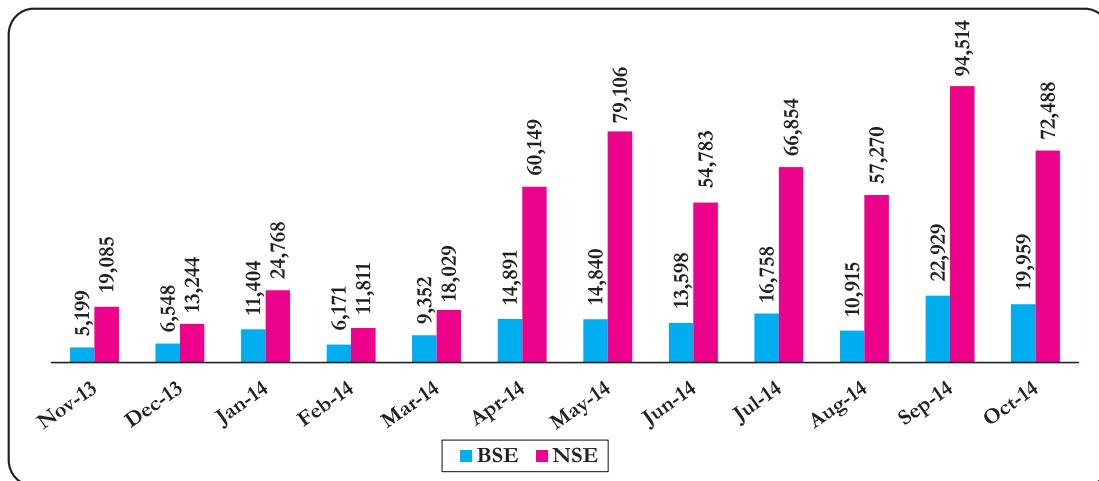


### V. Trading in Corporate Debt Market

During October 2014, there were 1,662 trades with a value of ₹19,959 crore reported on BSE as compared to 1,866 trades with a value of ₹22,929 crore in September 2014. At NSE, 4,706 trades were reported in October 2014 with a trading value of ₹72,488 crore as compared to 5,807 trades reported in September

2014 with a trading value of ₹94,514 crore. As per RBI circular dated February 24, 2014, reporting of secondary market transaction in Corporate Bond has been discontinued at FIMMDA with effect from April 1, 2014. (Details in Table 13)

Figure 8: Trends in Reported Turnover of Corporate Bonds (₹crore)



## VI. Trends in Institutional Investment

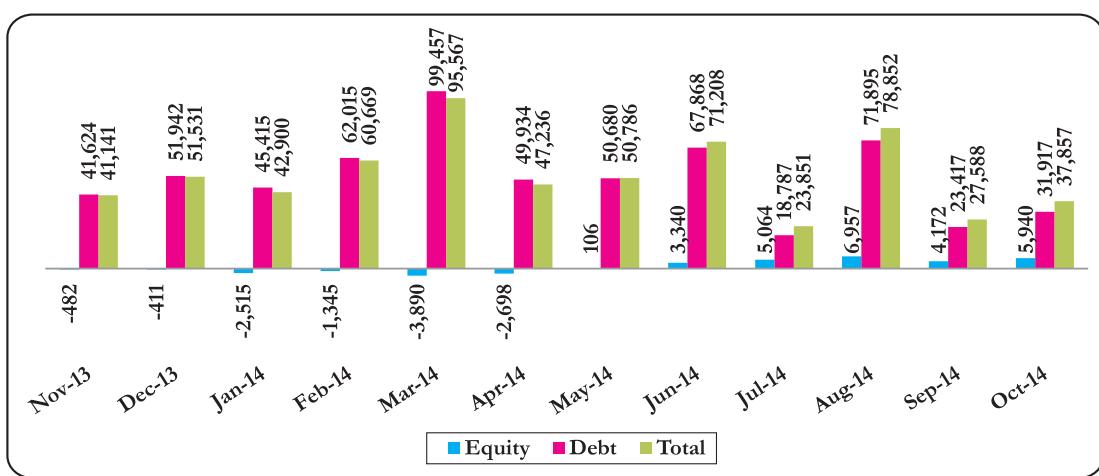
### A. Trends in Investment by Mutual Funds

Mutual Funds made net investment of ₹37,857 crore in the secondary market in October 2014 compared to net investment of ₹27,588 crore in September 2014. Mutual funds invested ₹5,940 crore in equity in October 2014 compared to ₹4,172 crore in September 2014. Further, Mutual Funds invested ₹31,917 crore in debt market in October 2014 as against of ₹23,417 crore invested in September 2014.

As on October 31, 2014 there were a total of 1,843 schemes under mutual funds of which Income/Debt oriented schemes were 1,356 (73.6 percent), Growth/equity oriented schemes were 387 (21.0 percent),

Exchange Traded Funds were 43 schemes (2.3 percent), Balanced schemes were 26 (1.4 percent) and Fund of Funds investing Overseas schemes were 31 (1.7 percent). The number of schemes at the end of 2013-14 were 1,638 of which Income/Debt oriented schemes were 1,178 (71.9 percent), Growth/equity oriented schemes were 363(22.2 percent), Exchange Traded Funds were 40 schemes(2.4 percent), Balanced schemes were 30 (1.8 percent) and Fund of Funds investing Overseas schemes were 27(1.6 percent). (Details in Table 67 and 68)

Figure 9: Trends in Mutual Funds Investment (₹crore)



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

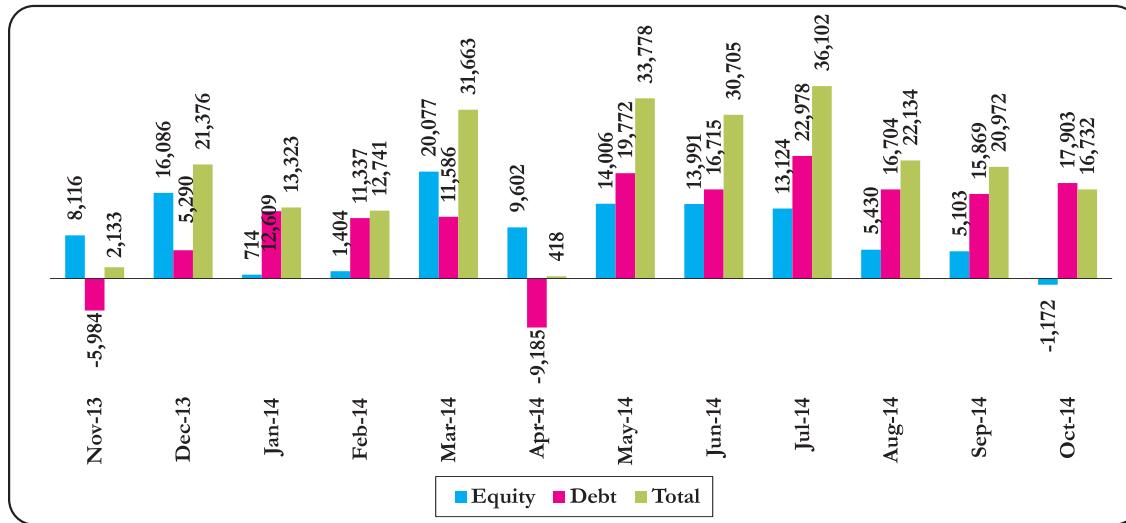
With the commencement of Foreign Portfolio Investor (FPI) Regime from June 1, 2014, the erstwhile FIIs, Sub Accounts and QFIs are merged into a new investor class termed as "Foreign Portfolio Investors (FPIs)".

There was a net inflow of ₹16,732 crore in October 2014 by FPIs compared to net inflow of ₹20,972 crore in September 2014. FPIs withdrew ₹1,172 crore from equity in October 2014 as compared to ₹5,103 crore invested in September 2014. Further they invested

₹17,903 crore in debt market in October 2014 as compared to ₹15,869 crore invested in September 2014.

The asset under custody of FPIs at the end of October 2014 stands at ₹21,71,276 crore, out of which the value of Offshore Derivative Instruments including ODIs on derivatives is ₹2,65,675 crore, constituting 12.2 percent of the total asset under custody of FPIs. (Details in Table 60, 61 and 62)

**Figure 10: Trends in FPIs Investment (₹crore)**



## VII. Trends in Portfolio Management Services

Total assets under management (AUM) of Portfolio Management Services (PMS) industry has decreased by 4.7 percent from ₹8,75,909 crore in September 2014 to ₹8,34,728 crore in October 2014. As on October 31, 2014, AUM of discretionary PMS constitute 77.1 percent of the total AUM of PMS followed by advisory PMS (17.8 percent) and non-discretionary

PMS (5.2 percent).

In terms of number of clients, discretionary services category ranks first with total of 39,625 clients, out of 46,934 clients in PMS industry, followed by advisory services with 4,140 clients and non-discretionary category with 3,169 clients. (Details in Table 69)

## VIII. Trends in Substantial Acquisition of Shares and Takeovers

In October 2014, six public offers with total value of ₹588 crore were made to public against two public offers with total value of ₹13.7 crore in September

2014. Five public offers were made with the objective of change in control of management while one was for substantial acquisition. (Details in Table 4)

## Monthly Review of Global Financial Markets

### Snapshots

#### **The United States:**

- According to the “advance” estimate by BEA, quarterly real GDP expanded by 0.9% (Q-o-Q) in Q3 of 2014. In annualised terms, the GDP increased by 3.5% in Q3 of 2014.
- Annual CPI inflation was unchanged at 1.7% in September 2014.
- In October 2014, the unemployment rate declined to 5.8%.

#### **The United Kingdom**

- According to “preliminary” estimate by ONS, UK GDP growth rate was 0.7% (Q-o-Q) during Q3, 2014.
- Annual CPI inflation increased to 1.3% in October 2014 from 1.2% in September 2014.
- The unemployment rate stood at 6.0% for July 2014 to September 2014’ period.

#### **Japan:**

- According to “first” preliminary estimate by Cabinet Office of Japan, GDP contracted by 0.4 % (Q-o-Q) in Q3 2014. In annualize terms it fell by 1.6% in Q3 2014.
- CPI inflation decreased to 3.2% in September 2014 from 3.3% in previous month.
- Unemployment rate increased to 3.6% in September 2014 from 3.5% in previous month.

#### **The Euro Area:**

- According to the “flash” estimate by the Eurostat, real GDP (Q-o-Q) grew at 0.2% in Euro Area (EA18) and by 0.3% in EU28 during Q3 of 2014.
- During October 2014, annual inflation in Euro Area and EU28 stood at 0.4% and 0.5%, respectively.
- During September 2014, unemployment rate in the EA18 and EU28 were 11.5% and 10.1%, respectively.

#### **BRIC Nations:**

- Real GDP of Brazil contracted by 0.6% (Q-o-Q) in Q2 of 2014. Annual CPI inflation fell to 6.59% in October 2014. Unemployment rate stood at 4.9% in September 2014.
- Russia’s real GDP growth was 0.8% (Y-o-Y) during Q2 of 2014. Annual CPI inflation increased to 8.3% in October 2014.
- India’s real GDP grew by 5.7% (Y-o-Y) in Q1 of 2014-15. IIP grew by 2.5% (Y-o-Y) in September 2014. The headline WPI inflation decreased to 1.8% in October 2014.
- During Q3 2014, real GDP of China grew by 7.3% (Y-o-Y). In October 2014, the annual CPI inflation was unchanged at 1.6%.

### **1. Introduction:**

- 1.1. The real GDP growth for the third quarter of 2014, slowed down in most of the major economies of the world. The ‘preliminary’ estimates of real GDP for the Q3 2014 have shown slower growth in United States, United Kingdom, China and Russia etc., as compared to previous quarter. Witnessing contraction for the second consecutive quarter, Japan has slipped into the recession. The sale tax hike plan introduced in April 2014, weighted down the growth prospects in Japan for both second and third quarter of 2014. In its bid to revive the dwindling economy, Bank of Japan announced an expansion of its monetary stimulus policy in October 2014 and increased its asset purchase programme to 80 trillion yen. On the other hand, the Federal Reserve finally ended its quantitative easing programme at the end of October 2014. Equity markets reported mixed trends during October 2014. Most of the major equity markets across the world posted mixed returns during the month. However, few markets viz., Hong Kong, Australia, U.S., Japan and India, delivered strong positive returns during the month.

### **2. The World Economy:**

- 2.1. Global economic growth remained subdued during the third quarter of 2014. Among developed economies, U.S. and U.K. continue to grow, however the growth rate eased down during Q3 2014. Japanese economy contracted during the third quarter of 2014; while, economic growth in Euro Area remained fragile as Italy slipped back into recession and Germany reported marginal pick up in Q3 2014, after contracting in previous quarter. Greece, on the contrary, grew well during the quarter ending September 2014 and recorded growth for the third consecutive quarter.
- 2.2. International Monetary Fund (IMF) in its World Economic Outlook Update published in October 2014, has revised its projection downward for global growth for 2014 and 2015, from its forecast in July 2014. According to the IMF estimates, global economy is estimated to grow at 3.3 per cent in 2014 and 3.8 per cent in

2015. In 2013, global economic growth stood at 3.3 per cent.

- 2.3. The October 2014 WEO Update by IMF projects the growth in advanced economies at 1.8 per cent in 2014 and 2.3 per cent in 2015. Growth rate

projections for emerging markets and developing economies for 2014 and 2015 stood at 4.4 per cent and 5.0 per cent, respectively. The projection for real GDP growth in India is 5.6 per cent in 2014 and 6.4 per cent in 2015.

#### Exhibit 1: Major Macroeconomic Indicators

|                     | Country / Region      | Quarterly Growth Rate of Real GDP |      |       |      | Annual CPI Inflation Rate | Unemployment Rate | Benchmark Interest Rate |
|---------------------|-----------------------|-----------------------------------|------|-------|------|---------------------------|-------------------|-------------------------|
|                     |                       | Q-o-Q                             |      | Y-o-Y |      |                           |                   |                         |
| Developed Economies | OECD                  | 0.42                              | (Q2) | 1.90  | (Q2) | 1.70                      | (Sep)             | 7.20                    |
|                     | USA                   | 0.88                              | (Q3) | 2.35  | (Q3) | 1.70                      | (Oct)             | 5.80                    |
|                     | UK                    | 0.70                              | (Q3) | 3.01  | (Q3) | 1.30                      | (Oct)             | 6.00                    |
|                     | Japan                 | -0.41                             | (Q3) | -1.20 | (Q3) | 3.20                      | (Sep)             | 3.60                    |
|                     | Euro Area (EA18)      | 0.16                              | (Q3) | 0.78  | (Q3) | 0.40                      | (Oct)             | 11.50                   |
|                     | European Union (EU28) | 0.30                              | (Q3) | 1.29  | (Q3) | 0.50                      | (Oct)             | 10.10                   |
| BRIC                | Brazil                | -0.59                             | (Q2) | -0.90 | (Q2) | 6.59                      | (Oct)             | 4.70                    |
|                     | Russia                | 0.25                              | (Q2) | 0.80  | (Q2) | 8.30                      | (Oct)             | 4.90                    |
|                     | India*                | NA                                |      | 5.70  | (Q2) | 1.77                      | (Oct)             | NA                      |
|                     | China                 | 0.70                              | (Q3) | 7.30  | (Q3) | 1.60                      | (Oct)             | NA                      |
| Other EMEs          | Korea                 | 0.86                              | (Q3) | 3.22  | (Q3) | 1.20                      | (Oct)             | 3.50                    |
|                     | Indonesia             | 1.19                              | (Q3) | 5.01  | (Q3) | 4.83                      | (Oct)             | NA                      |
|                     | Turkey                | -0.46                             | (Q2) | 2.52  | (Q2) | 8.96                      | (Oct)             | 10.10                   |
|                     |                       |                                   |      |       |      |                           | (Sep)             | 2.00                    |
|                     |                       |                                   |      |       |      |                           | (Aug)             | 7.75                    |
|                     |                       |                                   |      |       |      |                           |                   | 8.25                    |

Note: Months mentioned in bracket are for the Year-2014.

(Q1), (Q2) represent first & second quarter of 2014 respectively.

\* Wholesale Price Index (WPI) inflation data is considered for measuring inflation in India. NA – Not Available

Source: Official Database & Central Banks of respective countries, OECD

#### Organisation for Economic Co-operation and Development (OECD):

- 2.4. As per the provisional estimates released by OECD, quarterly real GDP in the OECD area grew by 0.4 per cent Quarter-on-Quarter (Q-o-Q) in Q2 2014, up from 0.2 per cent in Q1 2014. Compared with second quarter of 2013, the real GDP grew by 1.9 per cent Year-on-Year (Y-o-Y) during the second quarter of 2014. Highest contribution to the GDP growth was from Stock building (contributing 0.3 percentage points to the overall GDP growth), followed by Investment and Net Exports (adding 0.1 percentage point each to the overall GDP growth). During the second quarter of 2014, the contribution of private consumption and government consumption were negligible. The growth during the first quarter of 2014 was led by the high Private consumption. Among major OECD economies, the real GDP (Q-o-Q) during Q2 2014, grew strongly in United States (1.2 per cent), United Kingdom (0.9 per cent), while it contracted in Japan (-1.8 per cent), Germany (-0.2 per cent) and Italy (-0.2 per cent). The economic growth remained flat in France during the second quarter of 2014. (The GDP growth for the

third quarter of 2014 for the above mentioned countries are given in following sections)

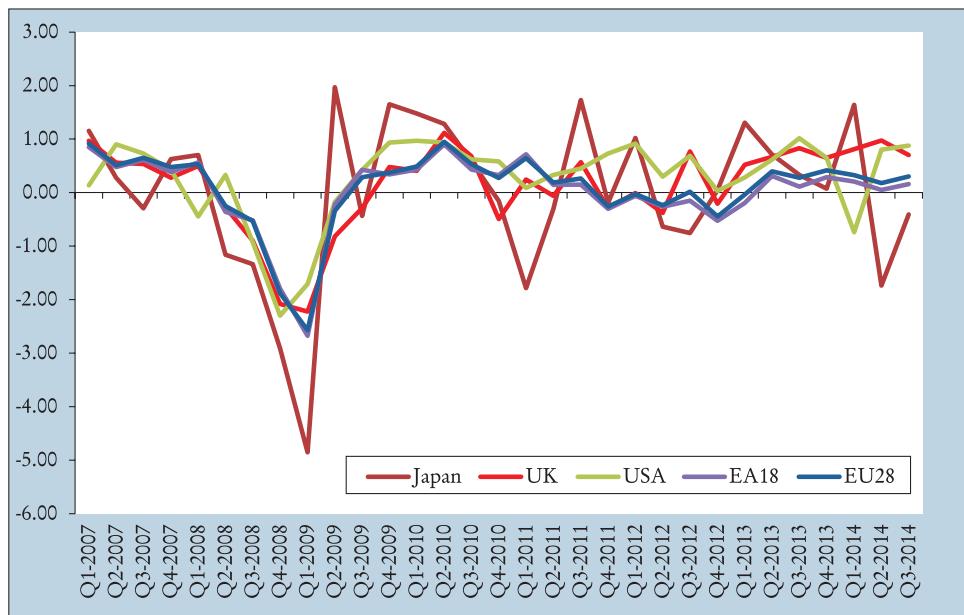
- 2.5. Annual inflation in OECD area declined further to 1.7 per cent in September 2014, from 1.8 per cent in previous month. The slowdown in annual inflation was mainly driven by lower energy prices, which fell by 0.1 per cent in a year to September 2014, as compared to a growth of 0.7 per cent in previous month. Food price inflation grew to 2.6 per cent in the year to September 2014. Excluding food and energy, the annual inflation in OECD area declined to 1.8 per cent in September 2014 from 1.9 per cent in previous month. Among major OECD countries, annual inflation during September 2014, decreased in United Kingdom (to 1.2 per cent from 1.5 per cent in August), Canada (to 2.0 per cent from 2.1 per cent), France (to 0.3 per cent from 0.4 per cent) and Japan (to 3.2 per cent from 3.3 per cent). Euro Area annual inflation declined to 0.3 per cent in September 2014 from 0.4 per cent in previous month.
- 2.6. As regards employment situation, during September 2014, the OECD unemployment rate declined by 0.1 percentage point to 7.2 per cent

from 7.3 per cent in previous month (Exhibit 1). In September 2014, the unemployment rate decreased in United States (to 5.9 per cent from 6.1 per cent in August 2014) and Canada (to 6.8 per cent from 7.0 per cent), while it grew in Japan (to 3.6 per cent from 3.5 per cent). The unemployment rate was stable at 11.5 per cent in Euro Area during September 2014.

## 2.7. OECD Composite Leading Indicators (CLIs),

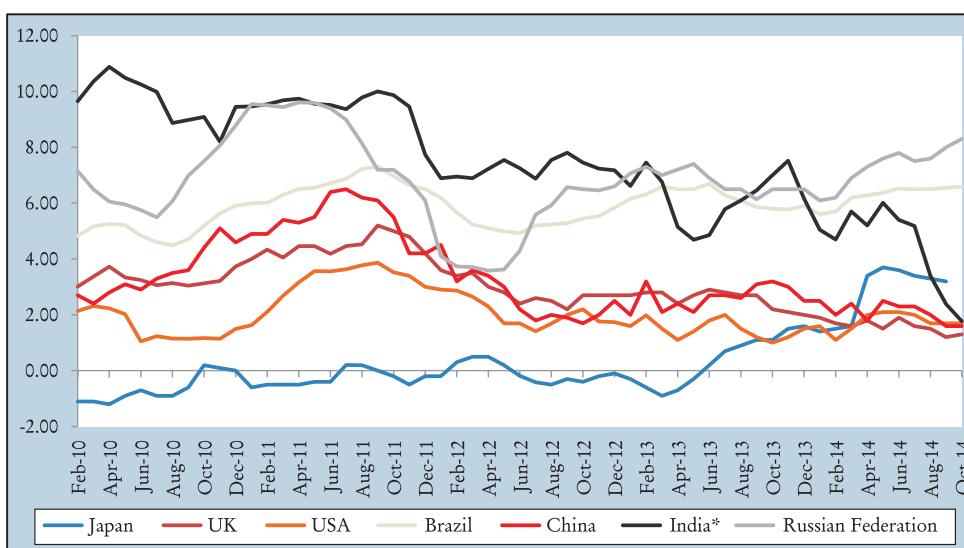
designed to anticipate turning points in economic activity relative to trend, continue to point to stable growth in OECD area, and in most of the major economies (viz., United States, Canada, Brazil, China and Russia), while CLIs for Euro Area point to a loss of growth momentum. Among major economies, India is the only economy where the CLI points to a pick-up in growth momentum.

**Chart 1: Quarter-on-Quarter seasonally adjusted real GDP growth rate of developed nations and regions (per cent)**



Source: OECD

**Chart 2: Year-on-Year Consumer Price Inflation\* (per cent)**



Note: \* Wholesale Price Index (WPI) inflation is considered for measuring inflation in India

Source: OECD, Office of Economic Advisor to Government of India

### The United States:

- 2.8. According to the “advance” estimate released by the Bureau of Economic Analysis (BEA), real gross domestic product of the United States increased at an annual rate of 3.5 per cent in the third quarter of 2014, in comparison to a growth of 4.6 per cent in second quarter. The real GDP grew by 0.9 per cent (Q-o-Q) during the quarter ending September 2014, against a growth of 1.1 per cent in previous quarter. On comparing with the third quarter of 2013, the real GDP grew by 2.3 per cent in the Q3 of 2014, against a growth of 2.6 per cent (Y-o-Y) in Q2 of 2014. The growth in real GDP during the third quarter was driven by positive contributions from personal consumption expenditures (contributing 1.2 percentage points to annual growth rate), net exports (contributing 1.3 percentage points), government consumption expenditure and gross investments (contributing 0.8 percentage points), and Gross private domestic investment (contributing 0.1 percentage points).
- 2.9. During October 2014, growth in U.S. manufacturing sector slowed down, with moderation in output and new business. Slowdown in growth momentum of manufacturing sector was reflected by Markit U.S. Manufacturing PMI, pointing at 55.9 in October 2014 against 57.5 in previous month (PMI above 50 mark indicates an expansion in business activity). Witnessing similar trend, services sector also registered slowdown in output during October 2014.
- 2.10. As per data released by the Bureau of Labor Statistics, the annual consumer price inflation remained unchanged at 1.7 per cent in October 2014. Compared with previous month, consumer price index was at same level as in September 2014. The annual core inflation, i.e. prices of all items excluding food and energy, grew to 1.8 per cent during October 2014. The annual food inflation grew by 3.1 per cent, while the energy prices fell by 1.6 per cent over last 12 months ending October 2014. During October 2014, the unemployment rate declined to 5.8 per cent from 5.9 per cent in previous month.
- 2.11. The Federal Open Market Committee (FOMC) during its meeting in October 2014, decided to the end of its asset purchase program and reaffirmed that the federal funds rate in the target range of 0 to 0.25 per cent will be appropriate for a considerable time. Federal Reserve indicated that even after employment and inflation rate are close to Federal Reserve target range, federal fund rate would remain low.
- 2.12. **Observations:** *U.S. economy continued to expand for the second consecutive quarter in Q3 2014, after witnessing the contraction in Q1 2014. Driven by high growth in government spending, particularly in defence sector, the economy grew at decent pace in third quarter of 2014. At the end of October 2014, the Federal Reserve finally ended its asset purchase program, however, it kept the holdings of long term securities at sizable levels.*

### End of Quantitative Easing (QE3) by Federal Reserve

The third round of Quantitative Easing “QE3”, announced on September 13, 2012 came to an end in October 2014. To support economic growth and to ensure that the inflation remains under the target range, during September 2012, FOMC announced to increase the policy accommodation by purchasing additional agency mortgage-backed securities at a pace of \$40 billion per month, in addition to continuation of its program to extend the average maturity of its holdings of securities through end of the year.

Later, on December 12, 2012, FOMC decided to expand its quantitative easing program by purchasing longer-term Treasury securities at a pace of \$45 billion per month. These policy actions increased the Federal Reserve’s holdings of longer-term securities by about \$85 billion per month and exerted downward pressure on longer-term interest rates and made broader financial conditions more accommodative.

In three phases (of QE) since December, 2008, Federal Reserve has bought trillions of dollars in bonds and pushed its total asset holding from \$2.3 trillion to \$4.5 trillion (as on November 19, 2014).

After much speculation, Federal Reserve finally initiated the tapering in its monetary stimulus since January 2014, by initially reducing the pace of asset purchase by \$10 billion and concluded the Quantitative Easing program in October 2014.

However, Federal Reserve Bank will maintain its existing policies of reinvesting principal payments from the Federal Reserve's holdings of agency debt and agency Mortgage Backed Securities (MBS) (in agency MBS and of rolling over maturing Treasury securities at auction) to maintain accommodative financial conditions.

### The United Kingdom:

- 2.13. As per the “preliminary” estimate of real GDP, release by the Office for National Statistics, U.K., the real GDP during third quarter of 2014 increased by 0.7 per cent (Q-o-Q) against 0.9 per cent in previous quarter. Compared to third quarter of 2013, the real GDP grew by 3.0 per cent (Y-o-Y) during Q3 2014. During the third quarter of 2014, output increased by 0.7 per cent in services, 0.8 per cent in construction, 0.5 per cent in production and by 0.3 per cent in agriculture sector. During October 2014, growth of output in manufacturing sector in U.K. picked up and the Markit UK Manufacturing PMI grew to 53.2 from 51.5 in previous month. On the contrary, growth in service sector slowed down during the month, with UK Services PMI pointing at 56.2 as compared to 58.7 in previous month.
- 2.14. As regards the price situation, annual CPI inflation grew to 1.3 per cent in October 2014 from 1.2 per cent in previous month. The growth in annual inflation rate during the month was mainly due to lesser decline in prices of transportation, fuels and air fares etc., as compared to a year ago. The Bank of England’s Monetary Policy Committee at its meeting on November 06, 2014, maintained the official Bank Rate paid on commercial bank reserves unchanged at 0.5 per cent and decided to continue the stock of asset purchases, financed by the issuance of central bank reserves at £375 billion. The unemployment rate of the economically active population for period July 2014 to September 2014 stood at 6.0 per cent, unchanged from the period June 2014 to August 2014.
- 2.15. **Observations:** United Kingdom economy expanded for seventh consecutive quarter ending September 2014. However, the overall growth rate eased down during the period due to slower growth in services sector, which drives the overall economic growth in UK. Besides, slowdown in Euro Area - the major trading partner of U.K. may pose a threat to economic recovery in U.K. in the next quarter.

### Japan:

- 2.16. According to the “first” preliminary estimate of GDP, released by the Cabinet Office of Japan, the real GDP of Japan contracted by 1.6 per cent in annualised terms during the third quarter

of 2014, compared to a decline of 7.3 per cent in second quarter of 2014. The world’s third largest economy contracted by 0.4 per cent (Q-o-Q) during Q3 2014, against a contraction of 1.9 per cent in previous quarter. Compared to the third quarter of 2013, real GDP fell by 1.2 per cent (Y-o-Y) in Q3 2014, against a decline of 0.2 per cent in Q2 2014. Continued downfall in private consumption (-1.6 per cent) and private residential investment (-0.4 per cent) during the third quarter led the contraction in real GDP during the third quarter of 2014.

- 2.17. During October 2014, output in manufacturing sector grew to seven-month high. Seasonally adjusted Markit Japan Manufacturing PMI grew to 52.4 in October 2014, against 51.7 in previous month, indicating expansion in business activity (PMI above 50 mark indicates an expansion in business activity). On the contrary, service sector witnessed strong downturn in business activity during October 2014, with Markit Japanese Services PMI pointing at 48.7 in October 2014 from 52.5 in previous month.
- 2.18. According to the estimates by Statistics Bureau and the Director-General for Policy Planning of Japan, the annual CPI inflation decreased further to 3.2 per cent in September 2014 from 3.3 per cent in previous month. The consumer price index for Japan grew by 0.2 per cent (M-o-M) during September 2014. During the month, annual food inflation grew by 5.1 per cent. In its Monetary Policy meeting held on October 31, 2014, Bank of Japan accelerated the pace of increase in monetary policy and decided to conduct money market operations so that the monetary base will increase at an annual pace of about around 80 trillion yen (earlier 60-70 trillion yen). The unemployment rate in Japan increased to 3.6 per cent in September 2014 from 3.5 per cent in previous month.
- 2.19. **Observations:** Raising sales tax since April 2014, weighed heavily on economic growth in Japan. The tax plan intended to reduce the government debt, led the steep decline in consumer spending during the second and the third quarter of 2014 and pushed the Japan into the technical recession. With a view to increase the money supply and revive the contracting economy, Japanese central bank scaled up its monetary stimulus package at the end of October 2014.

### The Euro Area:

- 2.20. As per the “flash” estimate by the Eurostat, the statistical office of the European Union, the real GDP grew by 0.2 per cent in Euro Area (EA18) and by 0.3 per cent (Q-o-Q) in EU28 during the third quarter of 2014. During the second quarter of 2014, the real GDP (Q-o-Q) grew by 0.1 per cent in Euro Area (EA18) and by 0.2 per cent in EU28. Compared with the same quarter of the previous year, seasonally adjusted real GDP grew by 0.8 per cent (Y-o-Y) in the Euro Area and increased by 1.3 per cent (Y-o-Y) in EU28 in the third quarter of 2014. The (Year-on-Year) GDP growth in Q2 2014, for Euro area and EU28 were 0.8 per cent and 1.3 per cent, respectively. During the third quarter of 2014, growth in real GDP was recorded in Germany (0.1 per cent), France (0.3 per cent) and Spain (0.5 per cent); while Italy continued to witnessed contraction (-0.1 per cent Q-o-Q) for the second consecutive quarter.
- 2.21. Growth in Euro Area manufacturing sector marginally picked up during October 2014. Markit Euro Area Manufacturing PMI grew to 50.6 in October 2014, against 50.3 in previous month. Among major Euro Area economies, Ireland, Netherland, Spain, Germany, recorded growth in manufacturing business, while Italy, Greece, France and Austria recorded contraction. On the other hand, Eurozone service sector business activity marginally slowed down during October 2014.
- 2.22. As per the estimate released by Eurostat, annual inflation in Euro Area and European Union increased (both by 0.1 percentage point) to 0.4 per cent and 0.5 per cent respectively in October 2014. During the month, negative annual inflation were reported in Greece (-1.8 per cent), Bulgaria (-1.5 per cent), Hungary and Poland (both -0.3 per cent) and Spain (-0.2 per cent). The highest annual inflation rates were recorded in Romania (1.8 per cent), Austria (1.4 per cent) and Finland (1.2 per cent). Compared with September 2014, annual inflation fell in eight member countries, remained stable in three and rose in sixteen member countries of EU28.
- 2.23. During September 2014, unemployment rate in Euro Area and EU28 remained unchanged at 11.5 per cent and 10.1 per cent respectively. The highest unemployment rate was recorded in Greece (26.4 per cent in July 2014) and Spain

(24.0 per cent in September 2014). The European Central Bank (ECB) in its meeting on November 06, 2014, decided that the interest rate on the main refinancing operations, the interest rates on the marginal lending facility and the deposit facility will remain unchanged at 0.05 per cent, 0.30 per cent and -0.20 per cent respectively.

- 2.24. *Observations: Economic growth in Euro Area showed sign of slight improvement in the third quarter of 2014, as its largest economy - Germany, marginally escaped from the technical recession. France, which witnessed stagnation in Q2 2014, also registered pick-up in economic growth in quarter ending September 2014. However, the GDP growth data from Italy remained disappointing, showing Italy fell back into the recession. With lacklustre consumer demand, external trade, domestic spending and investments, Euro Area is still struggling to revive strong economic growth.*

### Brazil:

- 2.25. Seasonally adjusted Real GDP of Brazil shrank and reported a negative growth of (-) 0.6 per cent (Q-o-Q) in the second quarter of 2014, as per the estimates by Instituto Brasileiro de Geografia e Estatística. In comparison with Q2 of 2013, the GDP shrank by 0.9 per cent in Q2 of 2014. In 2013, the GDP grew modestly at 2.3 per cent. Brazil has posted a high current account deficit of USD 7.907 billion in September 2014. Brazil's budget deficit widened to 69.4 billion Reals (USD 28.4 billion) during January-September 2014. Recent elections in Brazil paved the way for a second term for President Dilma Rousseff. The government now faces the uphill task of pulling Brazil out of recession, slowing above target inflation and preventing a further deterioration of fiscal accounts that threatens the country's investment grade status.
- 2.26. Brazil's annual inflation rate (IPCA) marginally decreased from 6.75 in September 2014 to 6.59 per cent in October 2014. On monthly basis, the benchmark index decreased to 0.42 in October 2014 from 0.57 per cent in September 2014. Brazilian Central Bank has increased the benchmark Selic rate by 0.25 per cent to 11.25 per cent. Brazil has lifted domestic fuel prices for the first time in 2014, raising the spectre of even higher inflation. Brazil's unemployment rate did not change significantly and stayed at 4.7 per cent in October 2014 from 4.9 per cent in September 2014.

**Russia:**

- 2.27. According to estimates by the Russian State Statistics Service (Rosstat), quarterly real GDP of Russia grew at 0.8 per cent (Y-o-Y) during second quarter of 2014. GDP grew by 0.9 per cent during Q1 of 2014. International Monetary Fund (IMF) has estimated that Russian GDP growth would be 0.2 per cent in 2014 which is 1 per cent lower than its pre-crisis estimate. The International Monetary Fund slashed its economic growth forecast for Russia in 2015 to 0.5 per cent from 1 per cent, citing geopolitical uncertainty and recommended the Bank of Russia to continue tightening monetary policy to tame inflationary expectations. The World Bank has also lowered its outlook for Russia's GDP growth to 0.5 per cent in 2014 from the previous forecast of 1.1 per cent.
- 2.28. As regards price situation, the annual CPI inflation rate inched up to 8.3 per cent (highest in three years) in October 2014 from 8.0 per cent in September 2014. Month-on-Month CPI inflation rate was recorded at 0.8 per cent in October 2014 due to high food inflation. In September, the Central Bank of Russia increased its forecasts on inflation in 2014 to 7.5 percent, "or higher" from the earlier outlook of 6.5 percent. A sharp fall in the price of oil, stricter sanction on a large number of Russian companies has led to weakening of ruble which in turn added to the accelerating consumer prices. Therefore, the Central Bank of Russia has increased the benchmark 'Key rate' to 9.5 per cent from 8.0 per cent. The unemployment rate in Russia increased marginally from 4.8 per cent in August 2014 to 4.9 per cent in September 2014.

**China:**

- 2.29. Gross domestic product of China grew by 7.3 per cent (Y-o-Y) in Q3 of 2014 as compared to 7.5 per cent (Y-o-Y) in Q2 of 2014, according to China's National Bureau of Statistics. The Quarter on Quarter (Q-o-Q) growth for Q3 of 2014 was registered at 0.7 per cent as compared to 1.8 per cent in Q2 of 2014. The International Monetary Fund (IMF), in its Asia and Pacific Regional Economic Outlook, has retained its 2014 economic growth outlook for China at 7.5 percent, but has estimated that China's GDP will fall to 7 percent in 2015 because of slow implementation of reforms and policies to limit

local government debt and investment credits.

- 2.30. The HSBC China manufacturing Purchasing Manager Index (PMI) increased marginally from 50.2 in September 2014 to 50.4 in October 2014, signalling a fractional pace of improvement in health of China's manufacturing sector. On the other hand, HSBC China Composite Output index eased from 52.3 in September 2014 to 51.7 in October 2014.
- 2.31. As regards price situation, the annual Consumer Price Inflation in China was recorded at 1.6 per cent (Y-o-Y) in October 2014 (unchanged from September 2014). The food prices went up by 2.5 per cent, while the non-food prices increased 1.2 per cent. The month-on-month change in consumer prices during October 2014 was nil. On average from January to October 2014, the overall consumer prices were up by 2.1 percent over the same period of 2013.

**3. Review of Global Financial Markets:**

- 3.1. At the end of October, stocks jumped globally after the Bank of Japan's unexpected monetary policy decision. Positive global economic news enhanced the confidence in the global economy and helped the investors regain confidence. Due to strong performance of stocks in emerging markets with a few exceptions like Russia, stocks for emerging markets largely remained cheerful. However, financial markets witnessed mixed trend during October 2014.

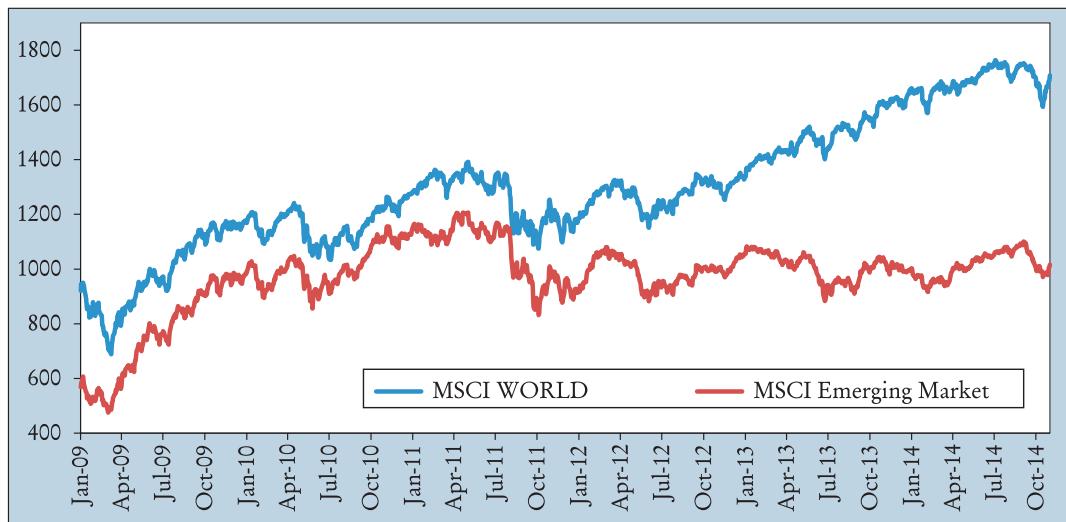
**Stock Market:**

- 3.2. During the month of October 2014, US stocks reached all-time highs, despite the Federal Reserve bringing Quantitative Easing to an end. Stronger macroeconomic data and encouraging corporate earnings were some of the important factor that helped the stocks to regain momentum. Turkish and Indian stock increased mainly due to a plunge in oil prices. Chinese markets gained on expectations that the government would relax monetary policy, introduce more reforms in state-owned enterprises, and take other steps to support the slowing economy. However, unsatisfactory data from Germany's industrial sector was a major reason for decline in its stocks. Colombian stocks also witnessed a fall during the period under review.

- 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 (0.57 per cent) during October 2014

in comparison to a fall observed in the previous month. Further, the MSCI Emerging Market Index also increased by (1.07 per cent) during the period under review (Chart 3).

**Chart 3: Movement in MSCI World and Emerging Market Index**



Source: Bloomberg

#### Bond Market:

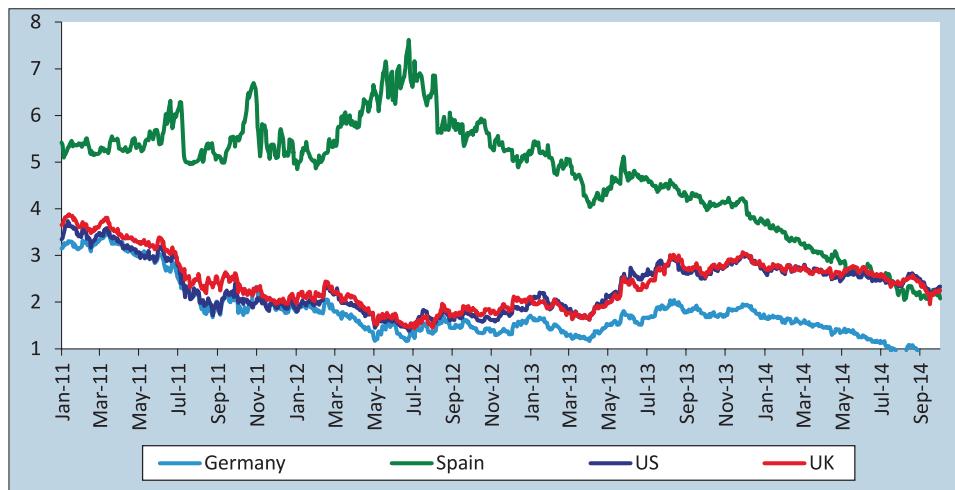
- 3.4. During October 2014, long-term Treasury bond prices of almost all major developed economies such as United States, European economies viz., Germany, United Kingdom and Spain rose amid increased demand. The long-term Treasury bond yield of United States moved lower by 6.2 per cent on account of increased demand. Investors bought U.S. government debt even though they expected tightening of Federal Reserve monetary policy. The bond yield of 10 year government bonds of Germany, United Kingdom, United States and Spain fell by 11.2 per cent, 7.3 per cent, 6.2 per cent and 3.0 per cent, respectively.
- 3.5. Among emerging market economies, bond yield of 10 year government bond of China, India, Brazil and Russia fell by 5.9 per cent, 2.7 per cent, 1.9 per cent and 0.9 per cent, respectively during October 2014. Demand for government bonds of Brazil saw a high demand on account of the

positive sentiment of the presidential elections in the country.

#### Currency Market:

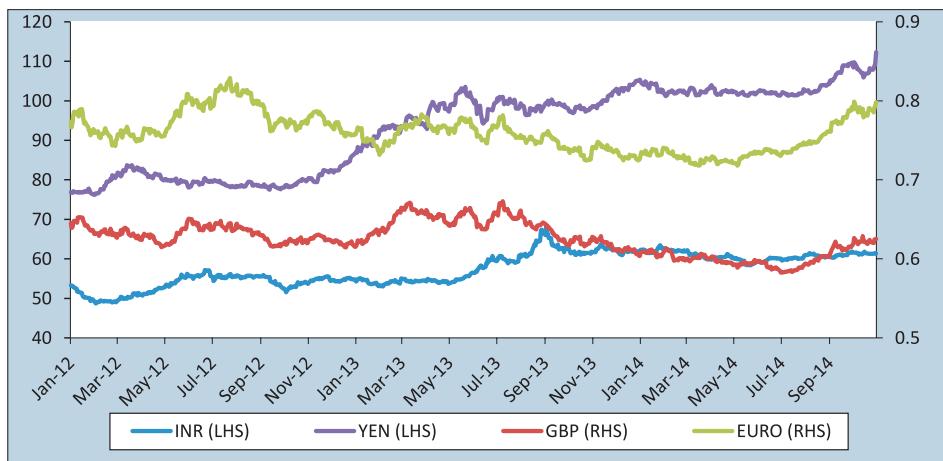
- 3.6. During October 2014, major currencies across the globe depreciated against US dollar. Japanese Yen, GBP and Euro depreciated by 2.43 per cent, 1.41 per cent and 0.81 per cent, respectively as Federal Reserve maintained a loose monetary policy and indicated that the interest rates will remain low for considerable period.
- 3.7. Among emerging markets, Russian Rouble, Brazilian Real and Chinese Renminbi depreciated by 8.60 per cent, 0.98 per cent and 0.41 respectively against USD. On the contrary, Indian Rupee exhibited an appreciation of 0.89 per cent against USD (as per the closing price of the interbank foreign currency trade) during the month under the review.

Chart 4: Movement in 10 year bond yield of major countries



Source: Bloomberg

Chart 5: Movement of major currencies against US Dollar (\$)

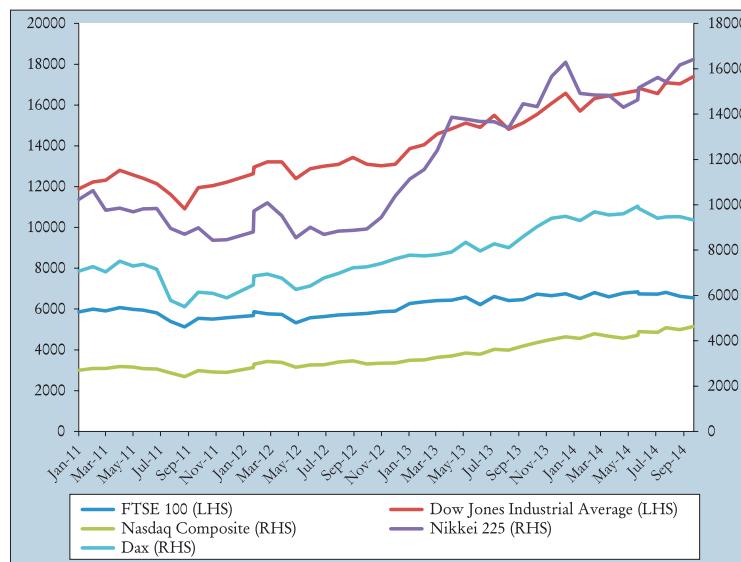


Source: Bloomberg Note: Exchange rate represents the closing price of the interbank foreign currency trade.

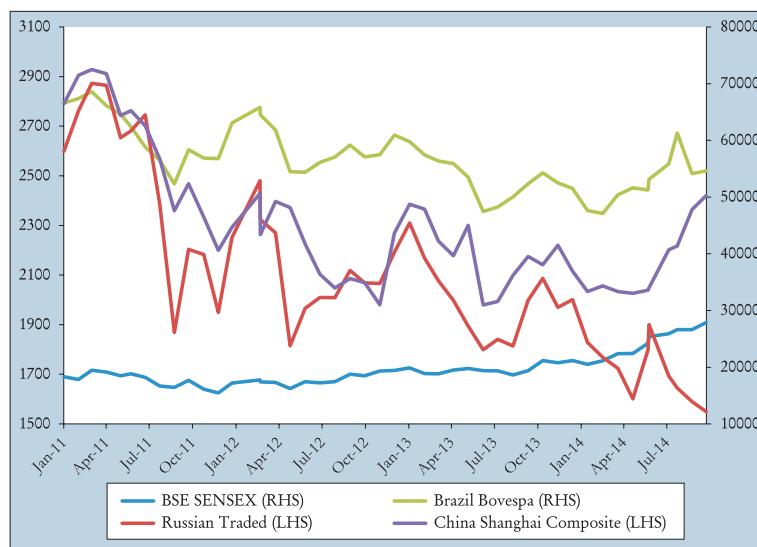
**Trend in Market Indices:**

- 3.8. Major stock indices all over the world exhibited mixed trends during October 2014. Hang Seng of Hong Kong witnessed an increase of 4.64 per cent during the month, followed by All Ordinaries of Australia, which witnessed an increase of 3.93 per cent and Nasdaq Composite of USA (growth of 3.06 per cent). On the contrary, the steep decline was witnessed by CAC 40 of France (4.15 per cent), followed by Dax of Germany (1.56 per cent) and FTSE 100 of UK (1.15 per cent).

- 3.9. As regards the emerging market indices, ISE National 100 of Turkey performed well in October 2014 and increased by 7.53 per cent, followed by S&P BSE Sensex of India (4.64 per cent) and Shanghai SE Composite IX of China (2.38 per cent). On the contrary, major decline in the emerging markets was witnessed by Hermes of Egypt (7.13 per cent), followed by Budapest Stock Exchange of Hungary (3.16 per cent) and IGBC General of Colombia (2.75) during the month of October 2014 (Annex - A1).

**Chart 6: Trend in Major Developed Market Indices**

Source: Bloomberg

**Chart 7: Trend in Market Indices of BRIC Nations**

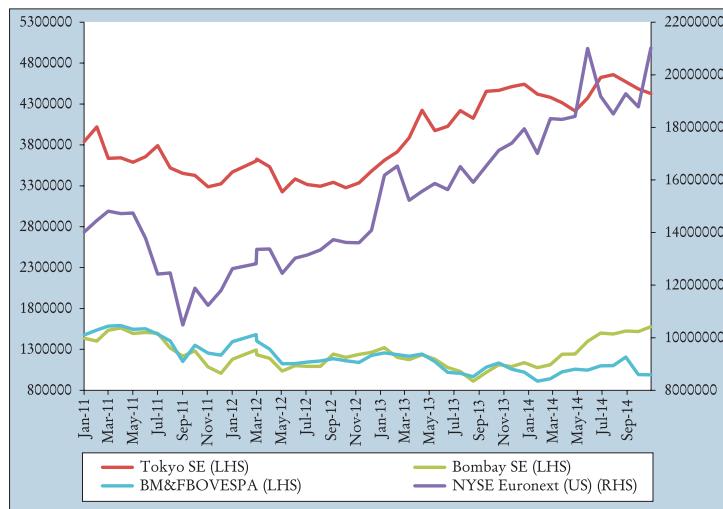
Source: Bloomberg

### Market Capitalisation:

3.10. Market capitalisation of major stock exchanges at the end of October 2014 is given in table A6 and is illustrated in Chart 8. The market capitalisation of stocks listed in developed as well as developing markets exhibited a mixed trend during the month. During October 2014, among major developed markets, the market capitalisation of NYSE Euronext (US) grew by 11.9 per cent, followed by Australian Stock Exchange and Hong Kong Stock Exchange which grew by 4.7 per cent and 3.8 per cent, respectively. Market capitalisation of other

major stock exchanges among developed nations demonstrated a declining trend.

3.11. As regards the major emerging markets, the market capitalisation of National Stock Exchange grew by 4.1 per cent during October 2014, followed by Bombay Stock Exchange (3.8 per cent) and the Shanghai Stock Exchange (3.2 per cent). On contrary, the market capitalisation of Saudi Stock Market - Tadawul fell by 7.6 per cent during the month under review, followed by Korea Exchange and Mexican Exchange that fell by 3.2 per cent and 1.1 per cent, respectively.

**Chart 8: Trend in Market Capitalisation of Major Exchanges (US\$ Million)**

Source: World Federation of Exchanges

**Derivative Market:**

Among the major stock exchanges covered in the review (Table A4 & A5), during October 2014, the notional monthly turnover of index futures in CME Group was USD 6,851,780 million, followed by EUREX (USD 2,426,920 million) and China Financial Futures Exchange (USD 1,858,900 million). As regards trading in stock futures, National Stock Exchange recorded notional monthly turnover of USD 90,319 million, followed by EUREX (USD 16,816 million) and Korea Exchange (USD 7,270 million). The notional monthly turnover in stock options for BM&FBOVESPA was USD 90,691 million, followed by EUREX (USD 82,116 million) and National Stock Exchange India (USD 44,009 million). In the case of Stock Index Options, Korea Exchange registered notional monthly turnover of USD 5,047,350 million, followed by CME Group (USD 2,543,470 million) and EUREX (USD 1,862,210 million).

**4. Review of Indian Economy****Output**

4.1. As per the provisional estimates of GDP for Q1 of 2014-15, GDP growth was registered at 5.7 per cent against 4.7 per cent in the corresponding period of Q1 of 2013-14. Agriculture sector maintained a growth of 3.8 per cent in Q1 of 2014-15, similar to that of 4 per cent in Q1 of 2013-14. Industrial sector growth showed a jump from -0.9 per cent in Q1 of 2013-14 to 4.2 per cent during corresponding period of 2014-15. Manufacturing sector showed a sub zero growth of (-) 0.7 per cent during 2013-14. Services sector showed a marginal increase in growth from 6.2 per cent to 6.8 per cent during the period under review. Organization for Economic Cooperation and Development (OECD) has estimated that India's GDP is expected to accelerate to 5.4 per cent in the year 2014-15 and 6.6 per cent for the year 2015-16

**Exhibit 2: Quarterly GDP growth in India (Y-o-Y) (at 2004-05 prices)**

| Items   | 2012-13 | 2013-14 | 2013-14 |      |      |      | 2014-15 |
|---|---------|---------|---------|------|------|------|---------|
|   |         |         | Q1      | Q2   | Q3   | Q4   |         |
| 1. Agriculture & allied activities                  | 1.4     | 4.7     | 4.0     | 5.0  | 3.7  | 6.3  | 3.8     |
| 2. Industry   | 1.2     | 0.6     | -0.9    | 1.7  | -1.2 | -0.5 | 4.2     |
| Mining & Quarrying                                  | -2.2    | -1.4    | -3.9    | 0.0  | -1.2 | -0.4 | 2.1     |
| Manufacturing                                       | 1.1     | -0.7    | -1.2    | 1.3  | -1.5 | -1.4 | 3.5     |
| Electricity, Gas & Water Supply                     | 2.3     | 5.9     | 3.8     | 7.8  | 5.0  | 7.2  | 10.2    |
| 3. Services   | 7.0     | 6.9     | 6.2     | 5.7  | 7.6  | 5.7  | 6.8     |
| Construction  | 1.1     | 1.6     | 1.1     | 4.4  | 0.6  | 0.7  | 4.8     |
| Trade, Hotel, Transport and Communications          | 5.1     | 3.0     | 1.6     | 3.6  | 2.9  | 3.9  | 2.8     |
| Finance, Insurance, Real Estate & Business Services | 10.9    | 12.9    | 12.9    | 12.1 | 14.1 | 12.4 | 10.4    |
| Community, Social & Personal Services               | 5.3     | 5.6     | 10.6    | 3.6  | 5.7  | 3.3  | 9.1     |
| Gross Domestic Product at Factor Cost               | 4.5     | 4.7     | 4.7     | 5.2  | 4.6  | 4.6  | 5.7     |

Source: CSO

- 4.2. The HSBC Purchasing Managers' Index (PMI) marginally increased from 51.0 in September 2014 to 51.6 in October 2014. It indicated a moderate improvement in business conditions. On the other hand, HSBC India Composite Output Index decreased from 51.8 in September 2014 to 51.0 in October 2014.
- 4.3. India's fiscal deficit during the 2013-14 was recorded at 4.5 percent of GDP. In the Union Budget 2014-15, the Government has targeted to bring down the fiscal deficit to 4.1 per cent of GDP for FY 2014-15. India's fiscal deficit, during April-September, has touched 83 per cent of the full-year target. However, due to a fall in global oil prices and a number of austerity measures taken by the government, the target seems achievable. The government aims to raise about USD 9.5 billion from the sale of shares in state-run companies and minority stakes in private companies during the fiscal year.

#### **Index of Industrial Production**

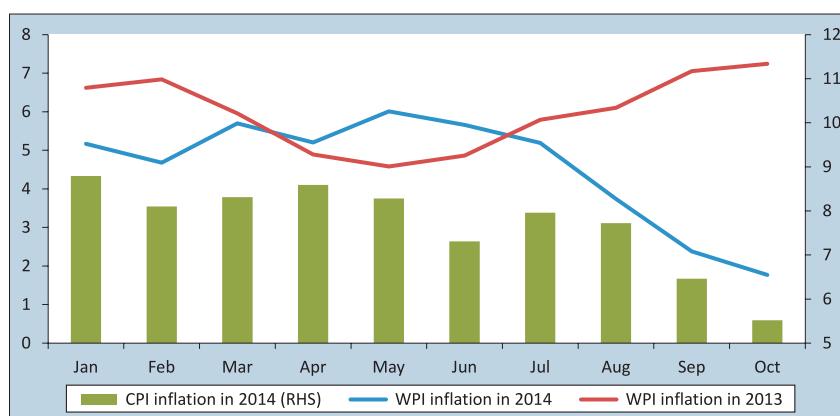
- 4.4. India's General Index of Industrial Production (IIP) growth has picked up in September 2014 to 2.5 per cent from less than half-a-per cent in

August due to high growth in capital Goods. During the April-September period of 2014-15, IIP grew at 2.8 per cent, as against flat production in same period in the previous fiscal. According to the IIP data, manufacturing - which constitutes over 75 per cent of the index - expanded by 2.5 per cent in September. For April-September, the sector grew at 2.0 per cent.

#### **Inflation**

- 4.5. India's Wholesale Price Inflation (WPI) eased to a five-year low in October, mainly on account of moderation in food and fuel prices. The wholesale price index (WPI) rose by an annual rate of 1.77 per cent in October 2014, its slowest pace since October 2009. In August, wholesale prices rose 2.38 percent. Inflation based on the Consumer Price Index (CPI) for the month of October eased to its all-time low of 5.52 percent, the lowest since India started computing consumer price index (CPI) in January 2012, triggered by lower food prices and fuel costs. The Reserve Bank of India has kept the policy repo rate under the liquidity adjustment facility (LAF) unchanged at 8.0 per cent.

**Chart 9: Inflation as measured by WPI and CPI (in per cent)**



Source: CSO, RBI, Office of Economic Advisor

#### **Trade – Exports and Imports**

- 4.6. India's exports fell by 5.04 per cent during October 2014 to USD 26.09 billion from 28.90 billion in September 2014. Imports fell to USD 39.45 billion from 43.15 billion in October 2014. Oil and gold are the key contributors to India's import bill. Oil imports fell to USD 12.36 billion as against USD 14.50 billion, on a month-on-month (M-O-M) basis. Non-oil imports stood at

USD 27.08 billion as against USD 28.65 billion in the previous month. Gold imports surged to USD 4.18 billion from USD 3.75 billion in the previous month. On a year-on-year basis, gold imports jumped to USD 4.17 billion from USD 1.09 billion. On an annual basis, trade deficit has surged 26.1 percent to USD 13.36 billion.

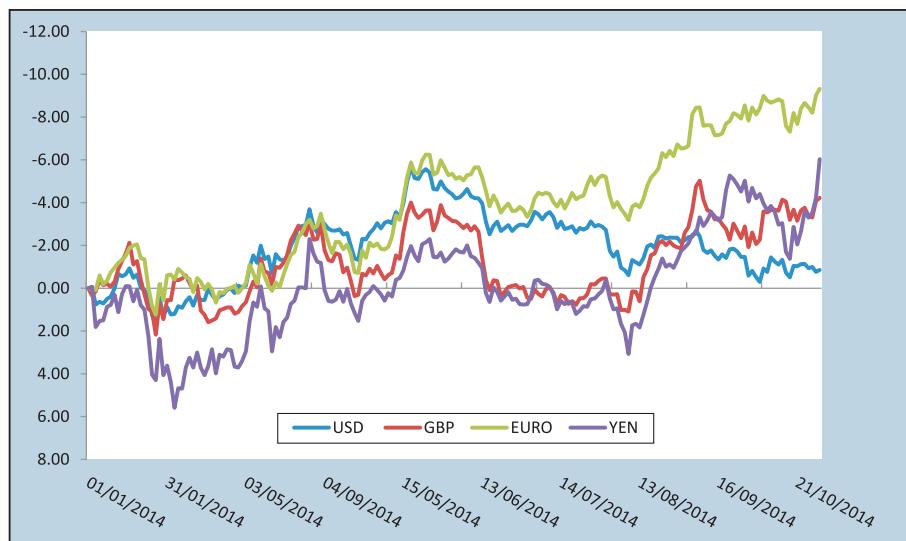
- 4.7. India's Current Account Deficit narrowed sharply to USD 7.8 billion (1.7 per cent of GDP)

in the first quarter of the 2014-15, from USD 21.8 billion (4.8 per cent of GDP) in the year-ago period. However, it was higher than USD 1.2 billion (0.2 per cent of GDP) in the fourth (January-March) quarter of the previous fiscal, 2013-14. As per Citigroup's estimates, "India's current account deficit (CAD) for 2014-15 is expected to be USD 36.7 billion, or 1.8 per cent of GDP, despite a fall in exports and rise in imports."

### Rupee Movement

4.8. Rupee appreciated against dollar in the month of October 2014 and hovered in the range between 61-61.5 per USD. The rupee also appreciated against Pound (GBP), Euro as well as Japanese Yen in the month of October 2014. Since January 2014, Forex reserves have increased considerably by about USD 34 billion. The reserves were recorded at USD 315 billion as on October 31, 2014. (Exhibit 3).

**Chart 10: Percentage Depreciation of Rupee against various currencies**



Source: Reserve Bank of India

**Exhibit 3: Foreign Exchange Reserves (USD billion)**

|                                    | Oct 31, 2014 | Oct 3, 2014 | August 29, 2014 | August 1, 2014 | June 27, 2014 | May 30, 2014 | May 02, 2014 | Mar 28, 2014 | Feb 28, 2014 | Jan 31, 2014 |
|------------------------------------|--------------|-------------|-----------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|
| <b>Total Reserves</b>              | 315.9        | 311.4       | 318.6           | 319.9          | 315.8         | 312.7        | 311.9        | 303.7        | 294.4        | 291.1        |
| <b>Foreign Currency Assets</b>     | 290.4        | 285.6       | 291.4           | 292.7          | 288.8         | 285.6        | 284.6        | 276.4        | 266.9        | 264.6        |
| <b>Gold</b>                        | 19.7         | 20.0        | 21.7            | 21.2           | 20.8          | 20.9         | 21.0         | 20.9         | 20.9         | 20.1         |
| <b>SDRs</b>                        | 4.3          | 4.3         | 4.4             | 4.4            | 4.5           | 4.5          | 4.5          | 4.5          | 4.5          | 4.4          |
| <b>Reserve Position in the IMF</b> | 1.5          | 1.5         | 1.7             | 1.7            | 1.7           | 1.7          | 1.8          | 1.8          | 2.0          | 2.0          |

Source: RBI

### Commodities Market

4.9 Turnover of the commodity exchanges fell by 52 per cent to Rs.34.52 lakh crore during April-October 2014 due to sluggish volumes in almost all commodities. The turnover at the commodity exchanges stood at Rs. 71.60 lakh crore during the same period in 2013. The business fell in almost all commodities agriculture, bullion, metals and energy on the exchanges platform. The turnover from bullion fell 62 per cent to

Rs.12.13 lakh crore during April-October 2014, against Rs.32.17 lakh crore in the same period a year ago. Similarly, the business energy items such as crude oil declined by 53 per cent to Rs.8.16 lakh crore from Rs.17.48 lakh crore, while the turnover from metals dropped by 43 per cent to Rs.7.51 lakh crore from Rs.13.11 lakh crore during the review period.

**Exhibit 4: Commodity market trading during April-October 2014**

| Name of the Commodity           | Volume (lakh tonnes) | Value (in Rs. crore) |
|---------------------------------|----------------------|----------------------|
| <i>Agricultural Commodities</i> |                      |                      |
| Food Items                      | 895.28               | 4,14,308.45          |
| Non-food Items                  | 511.81               | 2,56,207.68          |
| <i>Bullion</i>                  |                      |                      |
| Gold                            | 0.03                 | 6,94,297.31          |
| Silver                          | 1.24                 | 5,19,434.16          |
| Metals                          | 362.95               | 7,51,139.30          |
| Energy                          | 1444.38              | 8,16,827.25          |
| <b>Total</b>                    | <b>3,215.69</b>      | <b>34,52,214.15</b>  |

Source: FMC

**5. Annex Tables:****Table A1: Trend in major International Indices**

| Country                  | Index                        | As on March*, 2013 | As on March*, 2014 | As on September*, 2014 | As on October *, 2014 |
|--------------------------|------------------------------|--------------------|--------------------|------------------------|-----------------------|
| 1                        | 2                            | 3                  | 4                  | 5                      | 6                     |
| <b>Developed Markets</b> |                              |                    |                    |                        |                       |
| Australia                | All Ordinaries               | 4979.87            | 5402.99            | 5296.76                | 5505.02               |
| France                   | CAC 40                       | 3731.42            | 4391.50            | 4416.24                | 4233.09               |
| Germany                  | Dax                          | 7795.31            | 9555.91            | 9474.30                | 9326.87               |
| Hong Kong HSI            | Hang Seng                    | 22299.63           | 22151.06           | 22932.98               | 23998.06              |
| Japan NIKKEI             | Nikkei 225                   | 12397.91           | 14827.83           | 16173.52               | 16413.76              |
| Singapore STI            | Straits Times                | 3308.10            | 3188.62            | 3276.74                | 3274.25               |
| UK                       | FTSE 100                     | 6411.74            | 6598.37            | 6622.72                | 6546.47               |
| USA DOW JONES            | Dow Jones Industrial Average | 14578.54           | 16457.66           | 17042.90               | 17390.52              |
| USA NASDAQ Composite     | Nasdaq Composite             | 3267.52            | 4198.99            | 4493.39                | 4630.74               |
| <b>Emerging Markets</b>  |                              |                    |                    |                        |                       |
| India (BSE)              | S&P BSE Sensex               | 18835.77           | 22386.27           | 26630.51               | 27865.83              |
| India (NSE)              | CNX Nifty                    | 5682.55            | 6704.20            | 7964.80                | 8322.20               |
| Brazil                   | Bovespa                      | 56352.09           | 50414.92           | 54115.98               | 54628.60              |
| Chile                    | Stock Market Select          | 4432.14            | 3772.76            | 3943.56                | 3850.97               |
| China                    | Shanghai SE Composite IX     | 2236.62            | 2033.31            | 2363.87                | 2420.18               |
| Colombia                 | IGBC General                 | 14135.35           | 13827.01           | 13618.86               | 13244.49              |
| Egypt                    | Hermes                       | 516.06             | 785.68             | 936.03                 | 869.25                |
| Hungary                  | Budapest Stock Exchange      | 17857.42           | 17529.99           | 17884.71               | 17320.32              |
| Indonesia                | Jakatra Composite            | 4940.99            | 4768.28            | 5137.58                | 5089.55               |
| Malaysia                 | FTSE Bursa Malaysia KLCI     | 1671.63            | 1849.21            | 1846.31                | 1855.15               |
| Mexico                   | Bolsa                        | 44077.09           | 40461.60           | 44985.66               | 45027.52              |
| Pakistan                 | Karachi 30                   | 14208.38           | 19170.92           | 20214.56               | 20104.82              |
| Russia                   | Russian Traded               | 2077.16            | 1723.97            | 1589.85                | 1549.28               |
| South Africa             | FTSE/JSE Africa All Share    | 39860.84           | 47770.92           | 49336.31               | 49722.88              |
| Taiwan                   | Taiwan Taiex                 | 7918.61            | 8849.28            | 8966.92                | 8974.76               |
| Thailand                 | Stock Exchange of Thai       | 1561.06            | 1376.26            | 1585.67                | 1584.16               |
| Turkey                   | ISE National 100             | 85898.99           | 69736.34           | 74937.81               | 80579.66              |

\*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 |      | P/E Ratio |        |
|--------------------------|------------------------------|------------|------|-----------|--------|
|                          |                              | (per cent) |      | Sep-14    | Oct-14 |
|                          |                              | 1          | 2    | 3         | 4      |
| <b>Developed Markets</b> |                              |            |      |           |        |
| Australia                | All Ordinaries               | 0.60       | 0.75 | 19.91     | 20.64  |
| France                   | CAC 40                       | 0.86       | 1.57 | 26.95     | 25.83  |
| Germany                  | Dax                          | 0.76       | 1.54 | 17.00     | 16.74  |
| Hong Kong HSI            | Hang Seng                    | 0.96       | 0.91 | 9.92      | 10.39  |
| Japan NIKKEI             | Nikkei 225                   | 0.70       | 1.94 | 19.51     | 19.80  |
| Singapore STI            | Straits Times                | 0.44       | 0.74 | 13.30     | 13.29  |
| UK                       | FTSE 100                     | 0.50       | 1.12 | 16.93     | 16.52  |
| USA DOW JONES            | Dow Jones Industrial Average | 0.58       | 1.13 | 15.28     | 15.41  |
| USA NASDAQ Composite     | Nasdaq Composite             | 0.78       | 1.33 | 45.50     | 59.90  |
| <b>Emerging Markets</b>  |                              |            |      |           |        |
| India (BSE)              | Sensex                       | 0.81       | 0.91 | 18.24     | 19.05  |
| India (NSE)              | S&P CNX Nifty                | 0.82       | 0.87 | 20.82     | 21.58  |
| Argentina                | Indice Bolsa General         | 1.75       | 3.41 | 29.02     | 25.57  |
| Brazil                   | Bovespa                      | 1.60       | 2.79 | 17.68     | 17.02  |
| Chile                    | Stock Market Select          | 0.63       | 0.80 | 19.79     | 19.33  |
| China                    | Shanghai SE Composite IX     | 0.84       | 0.89 | 11.18     | 11.49  |
| Colombia                 | IGBC General                 | 0.53       | 0.99 | 18.07     | 17.58  |
| Egypt                    | Hermes                       | 0.80       | 1.69 | NA        | NA     |
| Hungary                  | Budapest Stock Exchange      | 0.99       | 1.06 | NA        | NA     |
| Indonesia                | Jakatra Composite            | 0.61       | 0.86 | 19.99     | 19.63  |
| Malaysia                 | FTSE Bursa Malaysia KLCI     | 0.24       | 0.63 | 16.36     | 16.44  |
| Mexico                   | Bolsa                        | 0.54       | 0.73 | 25.88     | 25.92  |
| Pakistan                 | Karachi 30                   | 0.84       | 0.58 | 9.34      | 9.29   |
| Russia                   | Russian Traded               | 1.69       | 1.58 | 5.09      | 4.96   |
| South Korea              | Kospi Index                  | 0.47       | 0.83 | 46.64     | 45.31  |
| South Africa             | FTSE/JSE Africa All Share    | 0.67       | 1.26 | 17.35     | 17.47  |
| Taiwan                   | Taiwan Taiex                 | 0.61       | 1.14 | 15.29     | 15.22  |
| Thailand                 | Stock Exchange of Thai       | 0.43       | 0.72 | 18.65     | 18.75  |
| Turkey                   | ISE National 100             | 0.97       | 1.32 | 9.86      | 10.54  |

Note: PE ratio for Sensex and S&P CNX Nifty have been taken from BSE, NSE respectively

NA.: Not Available

Source: Bloomberg, BSE, NSE

**Table A3: Investment Flows- New Capital raised by Shares and Bonds in the Major Exchanges**

(US\$ million)

| Stock Exchange             | September-14 |         |         | October-14 |         |         |
|----------------------------|--------------|---------|---------|------------|---------|---------|
|                            | Equities     | Bonds   | Total   | Equities   | Bonds   | Total   |
| 1                          | 2            | 3       | 4       | 5          | 6       | 7       |
| BM&FBOVESPA (Brazil)       | 1317.5       | 22.4    | 1339.9  | 1315.4     | 659.9   | 1975.3  |
| Deutsche Borse (Germany)   | 12.0         | 37323.8 | 37335.8 | 3271.9     | 55106.6 | 58378.5 |
| Egyptian Exchange          | 457.0        | 1635.9  | 2093.0  | 74.9       | 2237.7  | 2312.6  |
| Hong Kong Exchanges        | 2995.0       | 7920.7  | 10915.7 | 10793.1    | 7069.1  | 17862.2 |
| Korea Exchange             | 19.0         | 46079.1 | 46098.0 | 172.6      | 46852.0 | 47024.5 |
| NASDAQ OMX Nordic Exchange | 361.2        | 9147.8  | 9509.0  | 313.4      | 2576.4  | 2889.8  |
| Shenzhen SE                | 10536.4      | 415.3   | 10951.7 | 4373.7     | 1187.5  | 5561.3  |
| Singapore Exchange         | 2695.9       | 18385.5 | 21081.3 | 592.5      | 15676.4 | 16268.8 |
| Taiwan SE Corp.            | 42.2         | 1314.9  | 1357.2  | 139.9      | 2301.4  | 2441.3  |
| Tel Aviv SE (Israel)       | 42.3         | 3845.8  | 3888.2  | 74.4       | 1059.2  | 1133.6  |
| Tokyo SE                   | 1576.5       | 12178.3 | 13754.8 | NA         | NA      | NA      |

NA: Not Available

Source: World Federation of Exchanges

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

(US\$ million)

| Exchange                             | OCTOBER 2014               |                   |                            |                   |
|--------------------------------------|----------------------------|-------------------|----------------------------|-------------------|
|                                      | Stock options              |                   | Stock futures              |                   |
|                                      | Number of contracts traded | Notional turnover | Number of contracts traded | Notional turnover |
| <b>Americas</b>                      |                            |                   |                            |                   |
| BM&FBOVESPA                          | 99,024,203                 | 90,691            | 0                          | 0                 |
| Colombia SE                          | NA                         | NA                | 60,830                     | 93                |
| International Securities Exchange    | 75,748,072                 | NA                | NA                         | NA                |
| MexDer                               | 174,170                    | 22                | 0                          | 0                 |
| NYSE Liffe (US)                      | 52,212,956                 | 10,424            | NA                         | NA                |
| <b>Asia - Pacific</b>                |                            |                   |                            |                   |
| ASX Derivatives Trading              | 9,205,930                  | 22,563            | 227,296                    | 437               |
| Bombay SE                            | 91,330                     | 489               | 10,058                     | 58                |
| Hong Kong Exchanges                  | 5,216,900                  | 14,187            | 29,895                     | 104               |
| Korea Exchange                       | 0                          | NA                | 11,053,629                 | 7,270             |
| National Stock Exchange India        | 7,152,534                  | 44,009            | 14,906,874                 | 90,319            |
| New Zealand                          | 0                          | 0                 | NA                         | NA                |
| Osaka SE                             | 81,385                     | NA                | NA                         | NA                |
| TAIFEX                               | 11,423                     | 36                | 972,491                    | 6,172             |
| Thailand Futures Exchange            | NA                         | NA                | 2,064,448                  | NA                |
| Tokyo SE Group                       | NA                         | NA                | NA                         | NA                |
| <b>Europe - Africa - Middle East</b> |                            |                   |                            |                   |
| Athens Derivatives Exchange          | 1,590                      | 1                 | 1,041,655                  | 277               |
| BME Spanish Exchanges                | 2,472,844                  | 2,601             | 471,971                    | 522               |
| Borsa Istanbul                       | 19                         | 6                 | 974                        | 4                 |
| Budapest SE                          | 0                          | 0                 | 42,870                     | 144               |
| EUREX                                | 17,708,030                 | 82,116            | 4,003,502                  | 16,816            |
| ICE Futures Europe                   | 0                          | 0                 | 0                          | 0                 |
| Johannesburg SE                      | 942,773                    | 34                | 652,587                    | 807               |
| Moscow Exchange                      | 297,783                    | 68                | 27,954,346                 | 6,377             |
| OMX Nordic Exchange                  | 2,964,681                  | 4,576             | 78,176                     | 130               |
| Oslo Børs                            | 427,057                    | 306               | 160,667                    | 115               |
| Tel Aviv SE                          | 203,834                    | 782               | 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**

(US\$ million)

| Exchange                             | OCTOBER 2014               |                   |                            |                   |
|--------------------------------------|----------------------------|-------------------|----------------------------|-------------------|
|                                      | Stock index options        |                   | Stock index futures        |                   |
|                                      | Number of contracts traded | Notional turnover | Number of contracts traded | Notional turnover |
| <b>Americas</b>                      |                            |                   |                            |                   |
| BM&FBOVESPA                          | 530,891                    | 36,475            | 12,989,426                 | 119,815           |
| CME Group                            | 19,529,275                 | 2,543,470         | 73,274,891                 | 6,851,780         |
| Colombia SE                          | NA                         | NA                | 20                         | 0                 |
| ICE Futures US                       | 7,680                      | 842               | 5,167,840                  | 506,312           |
| International Securities Exchange    | 213,692                    | NA                | NA                         | NA                |
| MexDer                               | 2,926                      | 93                | 67,798                     | 2,100             |
| NYSE Liffe (US)                      | NA                         | NA                | NA                         | NA                |
| <b>Asia - Pacific</b>                |                            |                   |                            |                   |
| ASX Derivatives Trading              | 1,222,419                  | 55,707            | 4,560                      | 55                |
| ASX SFE Derivatives Trading          | 60,933                     | 7,043             | 776,501                    | 89,849            |
| Bombay SE                            | 53,689,437                 | 349,963           | 79,997                     | 524               |
| Bursa Malaysia Derivatives           | 619                        | NA                | 196,081                    | 5,270             |
| China Financial Futures Exchange     | NA                         | NA                | 15,476,036                 | 1,858,900         |
| Hong Kong Exchanges                  | 1,561,822                  | 170,039           | 4,584,513                  | 411,192           |
| Korea Exchange                       | 43,736,221                 | 5,047,350         | 3,622,379                  | 418,047           |
| National Stock Exchange India        | 78,759,336                 | 493,354           | 7,242,848                  | 45,404            |
| New Zealand                          | NA                         | NA                | 40                         | 3                 |
| Osaka SE                             | 4,984,130                  | NA                | 31,874,604                 | 946,559           |
| Singapore Exchange                   | 438,522                    | NA                | 9,651,357                  | NA                |
| TAIFEX                               | 17,670,268                 | 255,719           | 4,700,788                  | 198,532           |
| Thailand Futures Exchange            | 14,429                     | NA                | 1,777,421                  | NA                |
| Tokyo SE Group                       | NA                         | NA                | NA                         | NA                |
| <b>Europe - Africa - Middle East</b> |                            |                   |                            |                   |
| Athens Derivatives Exchange          | 26,625                     | 53                | 384,239                    | 748               |
| BME Spanish Exchanges                | 766,910                    | 10,090            | 1,294,541                  | 110,806           |
| Borsa Istanbul                       | 316                        | 47                | 609,790                    | 16,748            |
| Budapest SE                          | 0                          | 0                 | 25,963                     | 18                |
| EUREX                                | 43,295,890                 | 1,862,210         | 43,109,436                 | 2,426,920         |
| ICE Futures Europe                   | 0                          | 0                 | 0                          | 0                 |
| Johannesburg SE                      | 232,208                    | 160               | 1,469,825                  | 44,083            |
| Moscow Exchange                      | 3,118,228                  | 6,402             | 22,081,842                 | 45,131            |
| OMX Nordic Exchange                  | 2,464,335                  | 23,189            | 4,256,694                  | 75,990            |
| Oslo Børs                            | 159,782                    | 115               | 386,334                    | 277               |
| Tel Aviv SE                          | 4,326,613                  | NA                | 2,825                      | NA                |

NA: Not Available

Source: World Federation of Exchanges

**Table A6: Market Capitalisation of major Stock Exchanges**

(US\$ Million)

| Stock Exchange                 | Mar-14     | Sep-14     | Oct-14     | M-o-M<br>change (%) |
|--------------------------------|------------|------------|------------|---------------------|
| 1                              | 2          | 3          | 4          | 5                   |
| <b>Developed Market</b>        |            |            |            |                     |
| Australian SE                  | 1,434,087  | 1,344,319  | 1,406,849  | 4.7                 |
| Deutsche Börse                 | 1,941,476  | 1,716,295  | 1,692,137  | (1.4)               |
| Hong Kong Exchange             | 2,973,382  | 3,145,907  | 3,264,722  | 3.8                 |
| NASDAQ OMX Nordic Exchange     | 1,344,982  | 1,242,940  | 1,231,273  | (0.9)               |
| NYSE Euronext (Europe)         | 3,734,829  | 3,503,834  | 3,371,461  | (3.8)               |
| NYSE Euronext (US)             | 18,306,139 | 18,778,742 | 21,022,454 | 11.9                |
| Singapore Exchange             | 762,671    | 778,017    | 768,580    | (1.2)               |
| Japan SE Group                 | 4,316,490  | 4,484,865  | 4,428,524  | (1.3)               |
| <b>Emerging Market</b>         |            |            |            |                     |
| Bombay SE                      | 1,241,625  | 1,519,146  | 1,577,311  | 3.8                 |
| National Stock Exchange India  | 1,218,589  | 1,485,239  | 1,545,687  | 4.1                 |
| BM&FBOVESPA                    | 1,025,991  | 991,690    | 988,510    | (0.3)               |
| Bursa Malaysia                 | 513,559    | 526,525    | 523,680    | (0.5)               |
| Colombia SE                    | 19,113     | 23,510     | 23,778     | 1.1                 |
| Indonesia SE                   | 415,273    | 419,877    | 419,638    | (0.1)               |
| Johannesburg SE                | 967,945    | 950,515    | 972,589    | 2.3                 |
| Korea Exchange                 | 1,232,337  | 1,273,184  | 1,232,505  | (3.2)               |
| Mexican Exchange               | 497,380    | 544,250    | 538,241    | (1.1)               |
| Saudi Stock Market - Tadawul   | 513,293    | 590,006    | 544,902    | (7.6)               |
| Shanghai SE                    | 2,376,030  | 2,868,705  | 2,960,241  | 3.2                 |
| Shenzhen SE                    | 1,429,455  | 1,912,599  | 1,954,892  | 2.2                 |
| Taiwan SE Corp.                | 827,106    | 847,814    | 849,452    | 0.2                 |
| The Stock Exchange of Thailand | 380,828    | 453,060    | 451,674    | (0.3)               |

M-o-M: Month on Month.

Source: World Federation of Exchanges

**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. *Instituto Brasileiro 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. The Bombay Stock Exchange
27. The National Stock Exchange
28. The Bank of Korea
29. Bank Indonesia
30. Central Bank of The Republic of Turkey
31. IMF

## PRESS RELEASES

### A. GENERAL

#### I. Contribution towards Prime Minister's National Relief Fund

The recent flood in Jammu and Kashmir has severely affected the life and livelihood of lakhs of people in the flood affected areas. The aftermath situation is very severe which requires enormous relief work.

As a way of contribution to the relief effort for the

victims of flood affected areas in Jammu and Kashmir, staff members of SEBI have made a contribution of ₹9,10,218/- towards Prime Minister's National Relief Fund.

Ref: PR No. 122/2014 dated October 10, 2014

## POLICY DEVELOPMENTS

### A. REGULATIONS

#### I. Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) (Amendment) Regulations, 2014

In exercise of the powers conferred by section 30 of the Securities and Exchange Board of India Act, 1992 (15 of 1992), the Board hereby makes the following regulations to further amend the Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) Regulations, 1992, namely,-

1. These regulations may be called the Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) (Amendment) Regulations, 2014.
2. They shall come into force on the date of their publication in the Official Gazette.
3. In the Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) Regulations, 1992,-

(I) in regulation 3,-

- (i) for sub-regulation (1), the following shall be substituted, namely-
 

“(1) No person shall act as a stock broker, unless he obtains a certificate of registration from the Board:

Provided that no separate registration shall be required for a clearing member registered with the Board to act as a stock broker in a stock exchange of which he is admitted as a member, subject to grant of approval by the concerned stock exchange.

Explanation.- For the purpose of this sub-regulation, it is clarified that no separate registration shall be required for a stock broker registered with the Board to operate in more than one stock exchange, of which he is admitted as a member, subject to grant of approval by the concerned stock exchange.”;

- (ii) in sub-regulation (2) and sub-regulation (3) the alphabet and symbol “(s)”, wherever appearing shall be omitted;

(II) for regulation 10, the following shall be substituted, namely,-

**“Approval for operation in other stock exchange(s) or segment(s) of stock exchange**

10. (1) A stock broker registered with the Board, who desires to operate in any other stock exchange or any other segment(s) of the stock exchange of which it holds a membership, shall apply to the concerned stock exchange, in the manner specified by the Board.
  - (2) A clearing member registered with the Board, who desires to operate in any stock exchange or any segment(s) of the stock exchange, shall apply to the concerned stock exchange in the manner specified by the Board.
  - (3) On receipt of an application under sub-regulation (1) or sub-regulation (2), the stock exchange shall, on being satisfied with the compliance of provisions of the regulations and other relevant eligibility requirements specified by the Board, grant approval to operate in that stock exchange or segment(s) thereof and shall inform the Board about such grant of approval.”
- (III) in regulation 10A,-
- (i) for sub-regulation (1), the following shall be substituted, namely,-”
    - (1) No person shall act as a clearing member, unless he obtains a certificate of registration from the Board:
 

Provided that no separate registration shall be required for a stock broker registered with the Board to act as a clearing member in a clearing corporation of which he is admitted as a member, subject to grant of approval by the concerned clearing corporation.

Explanation.- For the purpose of this sub-regulation, it is clarified that no separate registration shall be required for a clearing member registered with the Board to operate in more than one clearing corporation, of which he is admitted as a member, subject to grant of approval by the concerned clearing corporation.”;

- (ii) in sub-regulation (2) and sub-regulation (3) the alphabet and symbol “(s)”, wherever appearing shall be omitted;
- (IV) for regulation 10D, the following shall be substituted, namely, -

**“Approval for operation in other clearing corporation(s) or segment(s) of clearing corporation**

- 10D. (1) A clearing member registered with the Board, who desires to operate in any other clearing corporation or any other segment(s) of the clearing corporation of which it holds a membership, shall apply to the concerned clearing corporation in the manner specified by the Board.
- (2) A stock broker registered with the Board, who desires to operate in any clearing corporation or any segment(s) of the clearing corporation, shall apply to the concerned clearing corporation in the manner specified by the Board.
- (3) On receipt of an application under sub-regulation (1) or sub-regulation (2), the clearing corporation shall, on being satisfied with the compliance of provisions of the regulations and other relevant eligibility requirements specified by the Board, grant approval to operate in that clearing corporation or segment(s) thereof, and shall inform the Board about such grant of approval.”

*Source: Notification No. LAD-NRO/GN/2014-15/15/1671 dated October 8, 2014*

## II. Securities and Exchange Board of India (Share Based Employee Benefits) Regulations, 2014

In exercise of the powers conferred by section 11, section 11A, section 30 of the SEBI Act, 1992 read with section 62 of Companies Act, 2013 and rule 12 of Companies (Share Capital and Debentures) Rules, 2014, the Securities and Exchange Board of India hereby makes the following regulations to provide for regulation of all schemes by companies for the benefit of their employees involving dealing in shares, directly or indirectly, with a view to facilitate smooth operation of such schemes while preventing any possible manipulation and matters connected therewith or incidental thereto.

The SEBI (Share Based Employee Benefits) Regulations, 2014 have been notified vide Notification No. LAD-NRO/GN/2014-15/16/1729 dated October 28, 2014 and the same is available at SEBI website on [www.sebi.gov.in](http://www.sebi.gov.in)

### Application

1. The provisions of these regulations shall apply to following, -
  - i. employee stock option schemes;
  - ii. employee stock purchase schemes;
  - iii. stock appreciation rights schemes;
  - iv. general employee benefits schemes; and
  - v. retirement benefit schemes
2. The provisions of these regulations shall apply to any company whose shares are listed on a recognised stock exchange in India, and has a scheme:
  - i. for direct or indirect benefit of employees; and
  - ii. involving dealing in or subscribing to or purchasing securities of the company, directly or indirectly; and
  - iii. satisfying, directly or indirectly, any one of the following conditions:
    - a. the scheme is set up by the company or any other company in its group;
    - b. the scheme is funded or guaranteed by the company or any other company in its group;
    - c. the scheme is controlled or managed by the company or any other company in its group.

3. Nothing in these regulations shall apply to shares issued to employees in compliance with the provisions pertaining to preferential allotment as specified in the Securities and Exchange Board of India (Issue of Capital and Disclosure Requirements) Regulations, 2009.
4. The provisions pertaining to preferential allotment as specified in the Securities and Exchange Board of India (Issue of Capital and Disclosure Requirements) Regulations, 2009 shall not be applicable in case of a company issuing new shares in pursuance and compliance of these regulations.

#### Schemes - Implementation and Process

1. A company may implement schemes either directly or by setting up an irrevocable trust(s).
2. A company may implement several schemes as permitted under these regulations through a single trust.

#### Eligibility

1. An employee shall be eligible to participate in the schemes of the company as determined by the compensation committee

#### Compensation committee

1. A company shall constitute a compensation committee for administration and superintendence of the schemes.
2. The compensation committee shall frame suitable policies and procedures to ensure that there is no violation of securities laws, as amended from time to time, including Securities and Exchange Board of India (Prohibition of Insider Trading) Regulations, 1992 and Securities and Exchange Board of India (Prohibition of Fraudulent and Unfair Trade Practices Relating to the Securities Market) Regulations, 2003 by the trust, the company and its employees, as applicable.

#### Shareholders' approval

1. No scheme shall be offered to employees of a company unless the shareholders of the company approve it by passing a special resolution in the general meeting.

#### Disclosures

1. In addition to the information that a company is required to disclose, in relation to employee benefits under the Companies Act, 2013, the board of directors of such a company shall also disclose the details of the scheme(s) being implemented, as specified by SEBI in this regard.

Source: [http://www.sebi.gov.in/cms/sebi\\_data/attachdocs/1414568485252.pdf](http://www.sebi.gov.in/cms/sebi_data/attachdocs/1414568485252.pdf)

#### B. CIRCULARS

##### I. Clarification on Government Debt Investment Limits

1. SEBI had issued a circular CIR/IMD/FIIC/17/2014 dated July 23, 2014 whereby the investment limit in government securities available to all FPIs was enhanced by USD 5 billion by correspondingly reducing the amount available to long term FPIs from USD 10 billion to USD 5 billion within the overall limit of USD 30 billion. It was also stated in the aforesaid circular that all future investments in this USD 25 billion debt limit shall be required to be made in government bonds with a minimum residual maturity of three years.
2. It is clarified that all investments by Long Term FPIs (Sovereign Wealth Funds (SWFs), Multilateral Agencies, Endowment Funds, Insurance Funds, Pension Funds and Foreign Central Banks) in the USD 5 billion Government debt limit shall continue to be made in Government bonds having a minimum residual maturity of one year.

3. Accordingly, the Government debt investment limits shall be as follows:

| S. No. | Type of limit               | Cap (US\$ bn) | Cap (INR crore) | Eligible Investors  | Remarks   |
|--------|-----------------------------|---------------|-----------------|---|---|
| 1      | Government Debt             | 25            | 1,24,432        | FPIs  | Available on demand. The incremental investment limit of USD 5 billion (INR 24,886 cr) shall be required to be invested in government bonds with a minimum residual maturity of three years. Further, all future investment against the limit vacated when the current investment by an FPI runs off either through sale or redemption shall also be required to be made in government bonds with a minimum residual maturity of three years. |
| 2      | Government Debt - Long Term | 5             | 29,137          | FPIs which are registered with SEBI under the categories of Sovereign Wealth Funds (SWFs), Multilateral Agencies, Endowment Funds, Insurance Funds, Pension Funds and Foreign Central Banks | Available on demand. Eligible investors may invest only in dated securities of residual maturity of one year and above.   |
|        | <b>Total</b>                | <b>30</b>     | <b>1,53,569</b> |   |   |

4. In accordance with SEBI circular CIR/IMD/FIIC/15/2013 dated September 13, 2013, FPIs shall be permitted to invest in the USD 25 billion Government debt limit till the overall investment reaches 90% after which the auction mechanism would be initiated for allocation of the remaining limits.

5. In the event the overall FPI investment exceeds 90% in either of the debt limit categories (as indicated by the debt utilisation status updated daily on the websites of NSDL and CDSL), the following procedure shall be followed:

- a. The depositories (NSDL and CDSL) shall direct the DDPs to halt all FPI purchases in debt securities in that category
- b. The depositories shall then inform NSE (since the last auction was held on BSE) regarding the unutilised debt limits for conduct of auction. Upon receipt of information from the depositories, NSE shall conduct an auction for the allocation of unutilised debt limits on the second working day
- c. The auction would be held only if the free limit is greater than or equal to INR 100 cr. The auction shall be conducted in the following manner:

| Particulars          | Details                                 |
|----------------------|---|
| Duration of bidding: | 2 hours (15:30 to 17:30 hrs)            |
| Access to platform   | Trading members or custodians           |
| Minimum bid          | INR 1 crore                             |
| Maximum bid          | One-tenth of free limit being auctioned |

| Particulars                               | Details   |
|---|---|
| Tick Size                                 | INR 1 crore   |
| Allocation Methodology                    | Price time priority   |
| Pricing of bid                            | Minimum flat fee of INR 1000 or bid price whichever is higher |
| Time period for utilization of the limits | 15 days from the date of allocation                           |

- d. Once the limits have been auctioned, the FPIs will have an utilisation period of 15 days within which they have to make the investments. The limits not utilised within this period would come back to the pool of free limits.
- e. Upon sale/redemption of debt securities, the FPI will have a re-investment period 5 days. If the reinvestment is not made within 5 working days, then the limits shall come back to the pool of free limits.

- f. The subsequent auction would be held 20 days after the previous auction, subject to the fulfillment of the condition mentioned at Point (C) above. The auction mechanism shall be discontinued and the limits shall be once again available for investment on tap when the debt limit utilisation falls below 85%.
- g. In order to provide operational flexibility to FPIs, it is clarified that there would be no other re-investment restrictions.

Ref: CIR/IMD/FIIC/19/2014 dated October 09, 2014

## **II. Single registration for Stock Brokers & Clearing Members.**

1. Please find enclosed the Notification No. LAD-NRO/GN/2014-15/15/1671 dated October 08, 2014 amending the SEBI (Stock Brokers and Sub-Brokers) Regulations, 1992 (hereinafter referred to as Broker Regulations). As per the amendment, the existing requirement of obtaining registration as stock broker/ clearing member for each stock exchange/clearing corporation has been done away with and instead a single registration with any stock exchange/ clearing corporation shall be required. For operating in any other stock exchange(s)/ clearing corporation(s), approval will be required from the concerned stock exchange or clearing corporation.
2. For the purpose of implementing the revised registration requirements, the following guidelines are being issued:
  - a. If a new entity desires to register as a stock broker or clearing member with any stock exchange or clearing corporation, as the case may be, then the entity shall apply to SEBI through the respective stock exchange or clearing corporation in the manner prescribed in the Broker Regulations. The entity shall be issued one certificate of registration, irrespective of the stock exchange(s)/ clearing corporation(s) or number of segment(s).
  - b. If the entity is already registered with SEBI as a stock broker with any stock exchange, then for operating on any other stock exchange(s) or any clearing corporation, the entity can directly apply for approval

- to the concerned stock exchange or clearing corporation, as per the procedure prescribed in the Broker Regulations for registration. The stock exchange/ clearing corporation shall report to SEBI about such grant of approval.
- c. Similarly, if any entity is already registered with SEBI as a clearing member in any clearing corporation, then for operating in any other clearing corporation(s) or any stock exchange, the entity shall follow the procedure as prescribed in Clause 2b above.
- d. Fees shall be applicable for all the stock brokers, self clearing members and clearing members as per Schedule V of the Broker Regulations. As per current requirement, the entity shall continue to be liable to pay fees for each segment approved by the stock exchange or clearing corporation, as per the Schedule to the Brokers Regulations.
- 3. The stock exchange or clearing corporation shall grant approval for operating in any segment(s) or additional segment(s) to the SEBI registered stock broker, self-clearing member or clearing member, as the case may be, after exercising due diligence and on being satisfied about the compliance of all relevant eligibility requirements, and shall also, interalia ensure:
  - a. The applicant, its directors, proprietor, partners and associates satisfy the Fit and Proper Criteria as defined in the SEBI (Intermediaries) Regulations, 2008;
  - b. The applicant has taken satisfactory corrective steps to rectify the deficiencies or irregularities observed in the past in actions initiated/ taken by SEBI/ stock exchanges(s) or other regulators. The stock exchange or clearing corporation may also seek details whether the Board of the applicant is satisfied about the steps taken. They may also carry out inspection, wherever considered appropriate; and
  - c. Recovery of all pending fees/ dues payable to SEBI, stock exchange and clearing corporation;
- 4. The stock exchange(s) and clearing corporation(s) shall coordinate and share information with one another, about their members.

5. The Stock Exchanges and Clearing Corporations are directed to –
- bring the provisions of this circular to the notice of the Stock Brokers, Proprietary Trading Members, Self Clearing members and Clearing members as the case may be, and also disseminate the same on their websites;
  - make necessary amendments to the relevant bye-laws, rules and regulations for the implementation of the above decision in co-ordination with one another; and
  - communicate to SEBI, the status of the implementation of the provisions of this circular through Monthly Development Report of the following month.

Ref: CIR/ MIRSD/ 4/ 2014 dated October 13, 2014

### **III. Modification of client codes of non-institutional trades executed on stock exchanges (All Segments)**

- SEBI had issued circular CIR/DNPD/6/2011 dated July 05, 2011 pertaining to client code modifications of non-institutional trades on stock exchanges.
- Upon receipt of various representations from stock brokers and stock exchanges to review the penalty structure specified in the aforementioned circular, it has been decided to partially modify the circular as under:
  - Stock exchanges may waive penalty for a client code modification where stock broker is able to produce evidence to the satisfaction of the stock exchange to establish that the modification was on account of a genuine error.
  - Not more than one such waiver per quarter may be given to a stock broker for modification in a client code. Explanation: If penalty waiver has been given with regard to a genuine client code modification from client code AB to client code BA, no more penalty waivers shall be allowed to the stock broker in the quarter for modifications related to client codes AB and BA.
  - Proprietary trades shall not be allowed to be modified as client trade and vice versa.
  - Stock exchanges shall submit a report to SEBI every quarter regarding all such client code modifications where penalties have been waived.
- Stock exchanges shall undertake stringent disciplinary actions against stock brokers who

- undertake frequent client code modifications.
- All other conditions as specified in the SEBI Circular dated July 05, 2011 remain unchanged.

Ref: CIR/MRD/DP/29/2014 dated October 21, 2014

### **IV. Revision of proprietary position limits of non-bank stock brokers for currency derivatives contracts**

- This is further to SEBI circular no. CIR/MRD/DP/20/2014 dated June 20, 2014, wherein, revised position limits in the USD-INR, EUR-INR, GBP-INR and JPY-INR contracts were specified.
- Based on the feedback received from market participants with regard to the proprietary positions limits of stock brokers in the exchange traded currency derivatives contracts, it has been decided to clarify the following:
  - Position limits stated at para 12(a) of SEBI circular CIR/MRD/DP/20/2014 dated June 20, 2014 shall be the total limits available to the stock brokers for taking positions on proprietary basis and for positions of their clients.
  - Para 12.(b) of SEBI circular CIR/MRD/DP/20/2014 dated June 20, 2014 shall be read as under:  
Proprietary open position limits of a stock broker, who is not a bank, across all contracts in a permitted currency pair shall be higher of (a) 15% of the total open interest in the currency pair, or (b) USD 50 million / EUR 25 million / GBP 25 million / JPY 1000 million, as applicable.
- Stock Exchanges and Clearing Corporations are directed to:
  - take necessary steps to put in place systems for implementation of this circular, including necessary amendments to the relevant bye-laws, rules and regulations;
  - bring the provisions of this circular to the notice of the stock brokers / clearing members and also disseminate the same on their website; Securities and Exchange Board of India
  - communicate to SEBI the status of implementation of the provisions of this circular.

Ref: CIR/MRD/DP/30/2014 dated October 22, 2014

Note: Above information are indicative only. For details, please log on to <http://www.sebi.gov.in/sebiweb/home/list/1/7/0/0/Circulars>

## ORDERS PASSED BY CHAIRMAN/MEMBERS AND ADJUDICATING OFFICERS

- SEBI vide order dated October 30, 2014, imposed a total monetary penalty of ₹82,00,000 (Rupees Eighty Two Lakh Only) on the following noticees in the matter of M/s. Goldstone Technologies Limited (GTL) for entering into self trades and inflating the volumes in the market thereby, giving a false and misleading appearance of trading in the scrip of GTL and thus violating the provisions of Regulation 3(a), (b), (c), (d), 4(1) and 4(2)(a), (b) & (g) of the SEBI (Prohibition of Fraudulent and Unfair Trade Practices relating to Securities Markets), Regulations, 2003:

| S.No.        | Name of the Noticee                    | Penalty Amount (in ₹) |
|--------------|--|-----------------------|
| 1            | Shri Bharat Shantilal Thaker           | 5,00,000              |
| 2            | Shri Chirag Rajnikant Jariwala         | 5,00,000              |
| 3            | Shri Bhavesh Pabari                    | 5,00,000              |
| 4            | Shri Prem Mohanlal Parikh              | 5,00,000              |
| 5            | Shri Hemant Madhusudan                 | 5,00,000              |
| 6            | Shri Ankit Sanchaniya                  | 5,00,000              |
| 7            | Shri Jigar Praful Ghoghari             | 5,00,000              |
| 8            | Shri Vipul Hirral Shah                 | 5,00,000              |
| 9            | Ms Mala Hemant Sheth                   | 5,00,000              |
| 10           | Shri Gaurang Ajit Seth                 | 5,00,000              |
| 11           | Shri Vivek Kishanpal                   | 5,00,000              |
| 12           | Shri Bhupesh Rathod                    | 5,00,000              |
| 13           | Shri Ketan Babulal Shah                | 5,00,000              |
| 14           | Shri Bipin Jayant Thaker               | 5,00,000              |
| 15           | Shri Bharat G Vaghela                  | 5,00,000              |
| 16           | Shri Bipin Kumar Gandhi                | 5,00,000              |
| 17           | Arcadia Share & Stock Brokers Pvt. Ltd | 2,00,000              |
| <b>TOTAL</b> |  | <b>82,00,000</b>      |

- SEBI, vide order dated October 14, 2014, imposed a monetary penalty of ₹25,00,000/- (Rupees Twenty five lakh only) on M/s. Glaxo Group Limited under Section 15A(b) of the SEBI Act, 1992 for violation of regulation 8(1) and 8(2) of the SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 1997.
- SEBI vide order dated October 31, 2014, imposed a monetary penalty of ₹25,00,000/- (Rupees Twenty Five Lakh only) on Mr. Vaman Madhav Apte, Mrs. Devaki Laxman Apte, Mr. Vikram Vaman Apte and Mrs. Mithila Vaman Apte in the matter of M/s. Apte Amalgamations Limited, to be paid jointly, for the violation of regulation 11(2) of the SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 1997 read with Regulation 35 of the SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 2011.
- SEBI, vide order dated October 10, 2014, imposed a monetary penalty of ₹20,00,000/- (Rupees Twenty Lakh only) on M/s. Samara Capital Partners Fund I Limited in the matter of M/s. Asian Oilfield Services Limited for failure in making necessary disclosures of its aggregate shareholding to the stock exchanges and the target company under regulation 30(1) and 30(2) read with regulation 30(3) of the SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 2011 within the specified time period, for the year 2012.
- SEBI, vide order dated October 1, 2014, imposed a penalty of ₹15,00,000/- (Rupees Fifteen Lakh only) jointly and severally on all the noticees viz Mr. Bikramjit Ahluwalia, Ms. Sudarshan Walia, Ms. Rohini Walia, Ms. Rachna Uppal, M/s Ahluwalia Builders & Development Group (Private) Limited, M/s Capricon Industrials Ltd., Tidal Securities Pvt. Ltd., Mr. Shobhit Uppal, Mr. Vikas Ahluwalia, Ms. Sudarshan Ahluwalia, Mr. Raj Kumar Ahluwalia, Mr. Santosh Ahluwalia, Mr. Pradeep A. G., Ms. Mukta Ahluwalia, Ms. Rohini S. Ahluwalia, M/s. Ahluwalia Contracts (I) Limited, Mr. MKG Pillai, Ms. Sangeeta Krishna Kumar, Mr. M.P. Vaidya, Ms. Geeta Gopal Krishnan, Ms. Ram Piari, Ms. Pushpa Rani and Ms. Raman Pal in the

- matter of M/s. Ahlcon Parenterals (India) Ltd. in terms of the provisions of Section 15H (ii) of the Securities and Exchange Board of India Act 1992 for the failure to comply with Regulations 11 (1) read with 14 (1) of SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 1997.
- SEBI, vide order dated October 30, 2014, imposed a monetary penalty of ₹12,00,000/- (Rupees Twelve Lakhs only) on M/s. Virtual Global Education Limited on account of non-disclosure to the exchange under the provisions of Regulation 8(3) of the SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 1997 for 12 consecutive financial years from 1997-98 to 2008-09.
  - SEBI, vide order dated October 31, 2014, imposed a monetary penalty of ₹7,00,000/- (Rupees Seven Lakh only) on M/s. Apte Amalgamations Limited for the violation of regulation 8(3) of SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 1997 read with Regulation 35 of SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 2011.
  - SEBI, vide order dated October 14, 2014, imposed a penalty of ₹5,00,000/- (Rupees Five Lakh only) on M/s. Sunrise Proteins Limited under Section 15A(b) of the SEBI Act, 1992 for violation of regulation 8(3) of SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 1997 by M/s. Sunrise Proteins Limited continued over a period of thirteen years
  - SEBI, vide order dated October 30, 2014, imposed a monetary penalty of ₹5,00,000 /- (Rupees Five Lakh Only ) on Shri Prem Meival in the matter of M/s. Vakrangee Softwares Ltd. for failure to make the necessary disclosures as prescribed under Regulation 13 (4) read with Regulation 13 (5) of the SEBI (Prohibition of Insider Trading) Regulations, 1992.
  - SEBI, vide order dated October 27, 2014, imposed a total monetary penalty of ₹4,50,000/- (Rupees Four lakh fifty thousand only) on M/s. Rajlaxmi Industries Limited for violating Regulation 7(3) and Regulation 8(3) of SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 1997.
  - SEBI, vide order dated October 27, 2014, imposed a monetary penalty of ₹3,00,000/- (Rupees Three lakh only) on M/s. N Kumar Housing & Infrastructure Pvt. Ltd. in the matter of M/s. Indo Pacific Software & Entertainment Ltd. for the violation of Regulations 7(1A) read with 7 (2) of the SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 1997.
  - SEBI, vide order dated October 31, 2014, imposed a total monetary penalty of ₹3,00,000/- (Rupees Three lakh only) [₹2,00,000/- (Rupees Two lakh only) for delay in redressal investor grievances within stipulated time and ₹1,00,000/- (Rupees one lakh only) for delay in obtaining SCORES authentication &non- submission of ATR] in respect of M/s. Alang Marine Ltd.
  - SEBI, vide order dated October 29, 2014, imposed a monetary penalty of ₹2,50,000/- (Rupees Two lakh and fifty thousand only) on M/s. Premium International Finance Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 21, 2014, imposed a monetary penalty of ₹2,00,000/- (Rupees Two Lakh only) on Mr. Harish Gangaram Agarwal in the matter of M/s. Mahesh Agricultural Implement and Steel Forgings Limited under Section 15 A(b) of SEBI Act, 1992 for delay of 336 days in complying with the provisions of Regulation 30(2) read with 30(3) of SEBI (Substantial Acquisition of Shares and Takeovers) Regulations, 2011 for the financial year 2011-12.
  - SEBI, vide order dated October 21, 2014, imposed a monetary penalty of ₹2,00,000/- (Rupees Two Lakh only) on M/s. Tushar Oil Foods limited for failure to obtain SCORES authentication within the timeline stipulated under the SEBI circular CIR/OIAE/2/2011 dated June 3, 2011 regarding commencement of SEBI Complaints Redress System (SCORES).
  - SEBI, vide order dated October 28, 2014, imposed a monetary penalty of ₹2,00,000/- (Rupees Two lakh only) on M/s. J K Leatherite Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 29, 2014, imposed a monetary penalty of ₹2,00,000/- (Rupees Two lakh only) on M/s. Reinz Talbros Limited, M/s. H-LON Hosiery Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 31, 2014, imposed a monetary penalty of ₹2,00,000/- (Rupees Two Lakh only) on M/s. M Apte Kantilal Pvt. Ltd. in

- the matter of M/s. Apte Amalgamations Limited for the violation of regulation 10 of the SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 1997 read with Regulation 35 of the SEBI (Substantial Acquisition of Shares and Takeover) Regulations, 2011.
- SEBI, vide order dated October 31, 2014, imposed a total monetary penalty of ₹2,00,000 (Rupees Two Lakh only) in respect of M/s. Asian Films Production and Distribution Limited for delay in redressal investor grievances within stipulated time and for delay in obtaining SCORES authentication & delay in submission of Action Taken Report (ATR).
  - SEBI, vide order dated October 31, 2014, imposed a total monetary penalty of ₹2,00,000 (Rupees Two Lakh only) [₹1,00,000/- (Rupees One lakh only) for delay in redressal investor grievances within stipulated time and ₹1,00,000/- (Rupees one lakh only) for delay in obtaining SCORES authentication & delay in submission of Action Taken Report (ATR)] on M/s. Kukar Sons (Indo French) Exports Ltd.
  - SEBI, vide order dated October 28, 2014, imposed a monetary penalty of ₹1,50,000/- (Rupees One lakh fifty thousand only) on M/s. Lakshya Securities and Credit Holdings Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 28, 2014, imposed a monetary penalty of ₹1,50,000/- (Rupees One lakh fifty thousand only) on M/s. Majestic Overseas Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 28, 2014, imposed a monetary penalty of ₹1,50,000/- (Rupees One lakh fifty thousand only) on M/s. Superior Finlease Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 29, 2014, imposed a monetary penalty of ₹1,50,000/- (Rupees One lakh fifty thousand only) on M/s. Hindustan Ceramics Limited and M/s. Hindustan Financial Management Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 29, 2014, imposed a monetary penalty of ₹1,50,000/- (Rupees One lakh fifty thousand only) on M/s. Trident India Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 30, 2014, imposed a total monetary penalty of ₹1,50,000/- (Rupees One Lakh Fifty Thousand only) [₹1,00,000/- (Rupees One Lakh only) under Section 15HB of the SEBI Act, 1992 and a penalty of ₹50,000/- (Rupees Fifty Thousand only) under Section 15C of the SEBI Act, 1992] in respect of M/s. Ganesh Foundry and Castings Limited for failing to obtain SCORES user id and password within the time limit specified by SEBI and for failing to resolve investor grievance within the specified time limit despite being called upon to do so by SEBI.
  - SEBI, vide order dated October 28, 2014, imposed a monetary penalty of ₹1,20,000/- (Rupees One lakh twenty thousand only) on M/s. Intecon (India) Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 29, 2014, imposed a monetary penalty of ₹1,20,000/- (Rupees One lakh twenty thousand only) on M/s. Idea Hotels & Industries Limited for failure to abide by the directives issued by SEBI circular CIR/OIAE/1/2013 dated April 17, 2013 regarding redressal of investor grievances.
  - SEBI, vide order dated October 10, 2014, imposed a monetary penalty of ₹50,000/- (Rupees Fifty thousand only) on Mr. Amit Raghuvanshi in the matter of M/s Bajaj Finance Limited for violating the provisions of Regulation 13 (4) read with 13 (5) of the SEBI (Prohibition of Insider Trading) Regulations, 1992.
  - In exercise of powers conferred under Section 19 read with Section 12(3) of the SEBI Act, 1992 and Regulation 13(4) of the SEBI (Procedure for Holding Enquiry by Enquiring Officer and Imposing Penalty) Regulation, 2002 read with Regulation 28(2) and Regulation 38(2) of the SEBI (Intermediaries) Regulations, 2008 and Regulation 13 of the SEBI (Prohibition of Fraudulent and Unfair Trade Practices relation to Securities market), 2003, SEBI, vide order dated October 1, 2014, suspended the registration of M/s Rajesh N. Jhaveri for a period of six months in the matter

of M/s. Ojas Technochem Products Limited for violating Regulation 4(a) and (b) of the SEBI (Prohibition of Fraudulent and Unfair Trade Practices relation to Securities market), 1995 and clauses A(1), (2), (3) & (4) of the code of conduct as prescribed for stock brokers in Schedule-II read with Regulation 7 of SEBI (Stock brokers & Sub-brokers), Regulation, 1992.

- In exercise of the powers conferred under section 19 of the Securities and Exchange Board of India Act, 1992 read with sections 11, 11A and 11B thereof and regulation 11 of the SEBI (Prohibition of Fraudulent and Unfair Trade Practices relating to Securities Market) Regulations, 2003, clause 17.1 of SEBI (Disclosure and Investor Protection) Guidelines, 2000 and regulation 111 of SEBI (Issue of Capital and Disclosure Requirements) Regulations, 2009, SEBI, vide order dated October 10, 2014, in the matter of complaints of Mr. Kimsuk Krishna Sinha in respect of M/s DLF Limited and M/s Sudipti Estates Private Limited, restrained the following entities from accessing the securities market and prohibit them from buying, selling or otherwise dealing in securities, directly or indirectly, in any manner, whatsoever, for the period of three years:

| Name of the Entities |                      |
|----------------------|----------------------|
| DLF Limited          | Mr. K. P. Singh      |
| Mr. Rajiv Singh      | Mr. T. C. Goyal      |
| Ms. Pia Singh        | Mr. Kameshwar Swarup |
| Mr. Ramesh Sanka     |                      |

- In exercise of the power conferred under section 11, 11(4) and 11B of the SEBI Act 1992 and Regulation 11(1) of SEBI (Prohibition of Fraudulent and Unfair Trade Practice relating to Securities Market) Regulations, 2003, SEBI, vide order dated October 13, 2014, prohibited Mr Dilip Pendse from accessing capital market directly or indirectly for the period of two years from October 13, 2014 for executing illegal transactions in the scrips of HFCL, TELCO, Infosys and SSI and thus violating Regulation 2 and 6(a) of the SEBI (Prohibition of Fraudulent and Unfair Trade Practice relating to Securities Market) Regulations, 1995.
- SEBI in exercise of the powers conferred under section 19 of the SEBI Act, 1992 and sections 11(1), 11(4), 11A(1)(b) and 11B thereof read with regulations 107 and 111 of the SEBI (Issue of Capital and Disclosure Requirements) Regulations, 2009, issued the following directions

vide order dated October 27, 2014:

- M/s. Madurai Rural Development Benefit Fund (India) Limited and M/s. Madurai Rural Development Transformation India Limited are restrained from mobilizing funds through the issue of equity shares, debentures, preference shares or through issuance of any kind of security to the public and/ or invite subscription or deposit, in any manner whatsoever, either directly or indirectly, till further directions.
- The Companies and their respective promoters and directors including Mr. Mohammed Yusuff Suresh Batcha, Mr. Gopalarathinam Ramarathinam, Mr. Srinivasan Srikumar, Mr. Vasudevan Balaji, Mr. Kasiviswanathan Venkataraman, Mr. Nagasubramanian Rajalakshmi, Mr. Sudhakaran Lataji, Ms. Mumtaj Begam Baba, Mr. Sithikbasha Mohamed Yusuf and Ms. Lilun Nihar Yousuff are prohibited from issuing prospectus or any offer document or issue advertisement for soliciting money from the public for the issue of securities, in any manner whatsoever, either directly or indirectly, till further orders.
- The Companies and their respective promoters and directors including the above named persons shall not dispose off any of the properties or alienate the assets of the Company or dispose off any of their properties or alienate their assets.
- The Companies and their respective promoters and directors including the above named persons shall not divert any funds raised from public at large through the allotment of shares, kept in its bank accounts and/or in the custody of the company without prior permission of SEBI, until further orders.
- The above named Companies and their respective directors and promoters including Mr. Mohammed Yusuff Suresh Batcha, Mr. Gopalarathinam Ramarathinam, Mr. Srinivasan Srikumar, Mr. Vasudevan Balaji, Mr. Kasiviswanathan Venkataraman, Mr. Nagasubramanian Rajalakshmi, Mr. Sudhakaran Lataji, Ms. Mumtaj Begam Baba, Mr. Sithikbasha Mohamed Yusuf and Ms. Lilun Nihar Yousuff are restrained from accessing the securities market and further

prohibited from buying, selling or otherwise dealing in the securities market, either directly or indirectly, till further directions.

- vi. The above named Companies and their respective promoters and directors including the above named persons shall co-operate with SEBI and shall furnish documents that are in their possession, which may be required by SEBI in the course of its examination. The Companies, its promoters and directors shall provide a full inventory of all their assets and properties;
- vii. The Companies and their respective promoters and directors including the above named persons shall, within 21 days from the date of receipt of this Order, provide SEBI with all relevant and necessary information including details of equity shares or other securities issued by it, as sought vide SEBI letters dated July 14, 2014 and August 08, 2014.

In view of the seriousness of the case and rampant and prima facie illegal solicitation of funds from the public by M/s. Madurai Rural Development Benefit Fund (India) Limited and M/s. Madurai Rural Development Transformation India Limited, the copy of the order is forwarded to concerned regulatory authorities. In the light of the same, a copy of this order is furnished to the Ministry of Corporate Affairs, Reserve Bank of India and the Economic Offence Wing, Police Department of State of Tamilnadu, for examining the issues falling under their respective jurisdiction and to take further action, if necessary.

- SEBI vide order dated October 30, 2014 suspended the registration of M/s. Rajesh N. Jhaveri two months for violating Regulation of 6(a) of the SEBI (Prohibition of Fraudulent and Unfair Trade Practices relating to Securities Markets) Regulations, 2003 and section 12 (1) of SEBI Act, 1992 read with Rule 3 of SEBI (Stock brokers and Sub-brokers) Rules, 1992 and SEBI/SMD/ policy circular No. 3/98 dated January 16, 1988 read with Clause A (5) of the code of conduct as prescribed for Stock broker in Schedule-II read with Regulation 7 of SEBI (Stock-Brokers and Sub-Brokers) Regulations, 1992.
- SEBI in exercise of the powers conferred upon by virtue of section 19 of the SEBI Act, 1992 issued following directions under section 11 and 11B of the said Act read with regulations 65 and 73 of SEBI

(Collective Investment Schemes) Regulations, 1999 vide order dated October 31, 2014 :-

- i. M/s. G. N. Dairies Ltd. and its present promoters /directors including Mr. Sunil Dutt, Mr. Hardeep Singh Wahla and Mr. Ranjodh Singh to wind up its scheme and refund the money collected by it under the scheme with returns which are due to the investors as per the terms of offer within a period of three months from the date of this order and submit a winding up and repayment report to SEBI in accordance with the SEBI (Collective Investment Schemes) Regulations, 1999, including trail of funds claimed to be refunded, bank account statements indicating refund to the investors and receipt from the investors acknowledging such refund, failing which the following actions shall follow:
  - a) A reference would be made to the State Government/ local police to register a civil/ criminal case against them for apparent offences of fraud, cheating, criminal breach of trust and misappropriation of public funds, and
  - b) Making a reference to the Ministry of Corporate Affairs, to initiate the process of winding up of M/s. G. N. Dairies Ltd.
  - c) SEBI shall also initiate attachment and recovery proceedings under section 28A of the SEBI Act, 1992.
- ii. M/s. G. N. Dairies Ltd., Mr. Sunil Dutt, Mr. Hardeep Singh Wahla and Mr. Ranjodh Singh are directed to not to access the securities market and are further restrained and prohibited from buying, selling or otherwise dealing in the securities market till all collective investment schemes launched by M/s. G. N. Dairies Ltd. are wound up and all the monies mobilised through it are refunded to the investors.
- iii. Ms. Sukhjit Kaur, Mr. Soly Thomas and Mr. Satnam Singh Randhawa are directed to not to access the securities market and are further restrained and prohibited from buying, selling or otherwise dealing in the securities market for a period of one year.

Note: Above information are indicative only. For details, please log on to <http://www.sebi.gov.in/sebiweb/home/list/2/9/0/1/Orders>

## HIGHLIGHTS OF DEVELOPMENTS IN INTERNATIONAL SECURITIES MARKETS

### **1. Basel Committee Releases Progress Report on Basel Implementation**

The Basel Committee on Banking Supervision released its seventh Progress Report on Adoption of the Basel Regulatory Framework. The report focuses on the status of domestic rule-making processes to ensure that the Basel standards are transformed into national law or regulation according to the internationally agreed timeframes. It includes the status of adoption of the risk-based capital standards, the standards for global and domestic systemically important banks, the Basel III leverage ratio and the liquidity coverage ratio.

Source: <http://www.bis.org/publ/bcbs290.pdf>

### **2. BIS Releases Working Paper on Private and Government Benchmarks**

The Bank for International Settlements' Monetary and Economic Department released a working paper on benchmark tipping in the global bond market. The paper analyzes the turnover of fixed income derivatives in seven currencies to test the hypothesis that market participants increasingly use contracts based on private rather than government rates to hedge and to take positions.

Source: <http://www.bis.org/publ/work466.pdf>

### **3. BIS Releases Report on Central Clearing of OTC Derivatives**

The Bank for International Settlements' OTC Derivatives Assessment Team released a report titled "Regulatory Reform of Over-the-Counter Derivatives: An Assessment of Incentives to Clear Centrally." The report concludes that, given that clearing members account for the bulk of derivatives trading and they have incentives to clear centrally, the G20 objective on OTC derivatives reforms has been mostly achieved.

Source: <http://www.bis.org/publ/othp21.pdf>

### **4. EBA Releases Report on Tier 1 Capital Instruments**

The European Banking Authority released a report on the monitoring of Additional Tier 1 (AT1) Instruments of EU Institutions. The Capital Requirements Regulation (CRR) tasks the EBA with monitoring

the quality of own funds instruments issued by institutions across the European Union (EU). This review is preliminary and the EBA expects to gather further insight on the basis of future issuances.

Source: <http://www.eba.europa.eu/documents/10180/534414/report+AT1.pdf>

### **5. U.S. Commodity Futures Trading Commission and Australian Securities and Investments Commission Sign Memorandum of Understanding to Enhance Supervision of Cross-Border Regulated Entities**

CFTC Chairman Tim Massad and Chairman Greg Medcraft of the Australian Securities and Investments Commission (ASIC) have signed a Memorandum of Understanding (MOU) regarding cooperation and the exchange of information in the supervision and oversight of regulated entities that operate on a cross-border basis in the United States and in Australia.

Source: <http://www.cftc.gov/PressRoom/PressReleases/pr7021-14>

### **6. FSB Releases Global Shadow Banking Monitoring Report**

The Financial Stability Board released its Global Shadow Banking Monitoring Report 2014. The report presents data as of end-2013 from 25 jurisdictions and the euro area as a whole, covering about 80% of global GDP and 90% of global financial system assets. The report finds that shadow banking has grown to \$75 trillion.

Source: [http://www.financialstabilityboard.org/wpcontent/uploads/r\\_141030.pdf?page\\_moved=1](http://www.financialstabilityboard.org/wpcontent/uploads/r_141030.pdf?page_moved=1)

### **7. FSB Regional Consultative Group for Europe Holds Meeting**

The Financial Stability Board's Regional Consultative Group for Europe held its seventh meeting to discuss, among other topics, building resilient financial institutions, ending too big to fail, transforming shadow banking and making derivatives markets safer.

Source: [http://www.financialstabilityboard.org/search/?sindex=alike&\\_st=false&c=10&q=the&mp=any&sb=1&format=rss](http://www.financialstabilityboard.org/search/?sindex=alike&_st=false&c=10&q=the&mp=any&sb=1&format=rss)

**8. IOSCO Issues Updated Information Repository on Central Clearing Requirements**

The International Organization of Securities Commissions issued an updated Public Information Repository for Central Clearing Requirements, which provides consolidated information on the clearing requirements of different jurisdictions. The repository sets out central clearing requirements on a product-by-product level, and any exemptions from them. The information is updated quarterly.

Source: <http://www.iosco.org/news/pdf/IOSCONEWS355.pdf>

**9. FCA Releases Draft Consultation on Restricting CoCos Distribution to Retail Investors**

The Financial Conduct Authority released a consultation paper on restrictions on the retail distribution of regulatory capital instruments. The FCA is proposing to place new requirements that would apply when mutual society shares are sold to ordinary retail investors. The FCA is also consulting on plans to make permanent the temporary rules, announced in August 2014, which placed restrictions on the distribution of contingent convertible securities (CoCos).

Source: <http://www.fca.org.uk/static/documents/consultation-papers/cp14-23.pdf>

## TABLES

|    |  |
|----|--|
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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                            | 2011-12 | 2012-13 | 2013-14 | 2014-15\$ |
|--|---------|---------|---------|-----------|
| 1  | 2       | 3       | 4       | 5         |
| Stock Exchanges (Cash Market)                    | 19      | 20      | 20      | 20        |
| Stock Exchanges (Equity Derivatives Market)      | 2       | 3       | 3       | 3         |
| Stock Exchanges (Currency Derivatives Market)    | 4       | 3       | 4       | 4         |
| Brokers (Cash Segment)*                          | 10,268  | 10,128  | 9,411   | 9,064     |
| Corporate Brokers (Cash Segment)**               | 4,877   | 5,113   | 4,917   | 4,775     |
| Brokers (Equity Derivatives Market)              | 2,337   | 2,957   | 3,051   | 3,019     |
| Brokers (Currency Derivatives Market)            | 2,173   | 2,330   | 2,395   | 2,404     |
| Brokers (Debt Segment)                           | Na      | Na      | Na      | 6         |
| Sub-brokers (Cash Segment)                       | 77,141  | 70,242  | 51,885  | 45,611    |
| Foreign Portfolio Investors                      | Na      | Na      | Na      |           |
| Custodians                                       | 19      | 19      | 19      | 19        |
| Depositories                                     | 2       | 2       | 2       | 2         |
| Depository Participants of NSDL & CDSL           | 854     | 871     | 859     | 855       |
| Qualified Depository Participants of NSDL & CDSL | Na      | 59      | 62      | 62        |
| Merchant Bankers                                 | 200     | 198     | 197     | 198       |
| Bankers to an Issue                              | 57      | 57      | 59      | 60        |
| Underwriters                                     | 3       | 3       | 3       | 2         |
| Debenture Trustees                               | 31      | 31      | 31      | 31        |
| Credit Rating Agencies                           | 6       | 6       | 6       | 6         |
| KYC Registration Agency (KRA)                    | Na      | 5       | 5       | 5         |
| Venture Capital Funds                            | 212     | 211     | 207     | 198       |
| Foreign Venture Capital Investors                | 174     | 182     | 192     |           |
| Alternative Investment Funds                     | Na      | 42      | 101     |           |
| Registrars to an Issue & Share Transfer Agents   | 74      | 72      | 71      | 71        |
| Portfolio Managers                               | 250     | 241     | 212     |           |
| Mutual Funds                                     | 49      | 52      | 50      | 49        |
| Investment Advisors                              | Na      | Na      | 129     |           |
| Collective Investment Schemes                    | 1       | 1       | 1       | 1         |
| Approved Intermediaries (Stock Lending Schemes)  | 2       | 2       | 2       | 2         |
| STP (Centralised Hub)                            | 1       | 1       | 1       | 1         |
| STP Service Providers                            | 2       | 2       | 2       | 2         |

**Notes:**

1. \* including brokers on Magadh SE (189)
2. \*\* including brokers on Magadh SE (22)
3. 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)".
4. Na: Not Applicable

\$ indicates as on October 31, 2014.

Source: SEBI

**Table 2: Company-Wise Capital Raised through Public and Rights Issues (Equity) during October 2014**

| 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      | 2                           | 3               | 4             | 5                  | 6                    | 7              | 8                 | 9               | 10                     |
| 1      | JLA Infraville Shoppers Ltd | 16-Oct-14       | IPO (SME)     | Equity             | 2,000,000            | 10             | 0                 | 10              | 2                      |
| 2      | Jet Infraventure Ltd        | 30-Oct-14       | IPO-SME       | Equity             | 360,000              | 10             | 115               | 125             | 5                      |

Note: 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 during October 2014

| 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     | 2                                      | 3  | 4                  | 5                  | 6             | 7                         | 8                         |
| 1     | MANGALORE CHEMICALS & FERTILISERS LTD. | SCM SOILFERT LTD.  | 15-Jul-14          | 1-Oct-14           | 30,813,939    | 26.0                      | 93.6                      |
| 2     | MANGALORE CHEMICALS & FERTILISERS LTD. | ZUARI FERTILISERS AND CHEMICALS LTD.   | 15-Jul-14          | 1-Oct-14           | 30,813,939    | 26.0                      | 81.6                      |
| 3     | SAH PETROLEUMS LIMITED                 | GULF PETROCHEM ENERGY PVT LTD & GULF PETROCHEM PTE. LTD                        | 22-Sep-14          | 13-Oct-14          | 13,255,940    | 26.0                      | 15.7                      |
| 4     | JALAN CEMENT WORKS LTD.                | MR NIMISH ARORA, MRS NAMRATA ARORA & M/S SINDHWANI METAL ENGINEERING PVT. LTD. | 16-Jun-14          | 15-Oct-14          | 2,912,661     | 26.0                      | 31.0                      |

Source: SEBI.

Table 4: Substantial Acquisition of Shares and Takeovers

| Year/<br>Month | Open Offers                     |                  |                           |                  |                         |                  |               |                  |
|----------------|---------------------------------|------------------|---------------------------|------------------|-------------------------|------------------|---------------|------------------|
|                | Objectives                      |                  |                           |                  |                         |                  | Total         |                  |
|                | Change in Control of Management |                  | Consolidation of Holdings |                  | Substantial Acquisition |                  | 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                |
| 2008-09        | 80                              | 3,713            | 13                        | 598              | 6                       | 400              | 99            | 4,711            |
| 2009-10        | 56                              | 3,649            | 14                        | 1,761            | 6                       | 448              | 76            | 5,858            |
| 2010-11        | 71                              | 10,251           | 17                        | 8,902            | 14                      | 145              | 103           | 18,748           |
| 2011-12        | 57                              | 18,726           | 8                         | 286              | 6                       | 294              | 71            | 19,305           |
| 2012-13        | 14                              | 836              | 38                        | 8,419            | 27                      | 2,904            | 79            | 12,159           |
| 2013-14        | 59                              | 7,721            | 10                        | 37,644           | 6                       | 46               | 75            | 45,411           |
| 2014-15\$      | 26                              | 1,789            | 1                         | 11,449           | 8                       | 350              | 35            | 13,588           |
| Apr-14         | 0                               | 0                | 0                         | 0                | 2                       | 48               | 2             | 48               |
| May-14         | 5                               | 8                | 0                         | 0                | 3                       | 246              | 8             | 254              |
| Jun-14         | 6                               | 1,098            | 1                         | 11,449           | 1                       | 2                | 8             | 12,549           |
| Jul-14         | 4                               | 94               | 0                         | 0                | 1                       | 37               | 5             | 131              |
| Aug-14         | 4                               | 4                | 0                         | 0                | 0                       | 0                | 4             | 4                |
| Sep-14         | 2                               | 14               | 0                         | 0                | 0                       | 0                | 2             | 14               |
| Oct-14         | 5                               | 571              | 0                         | 0                | 1                       | 17               | 6             | 588              |

\$ indicates as on October 31, 2014

Source: SEBI.

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

| Year/<br>Month | Total | Category-wise |                  |               |                  | Issue-type    |                  |               |                  | Instrument-wise |                  |               |                  |
|----------------|-------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|-----------------|------------------|---------------|------------------|
|                |       | Public        |                  | Rights        |                  | Listed        |                  | IPOs          |                  | Equities        |                  | CCPS/FCDs*    |                  |
|                |       | No. of issues | Amount (₹ crore) | No. of issues   | Amount (₹ crore) | No. of issues | Amount (₹ crore) |
| 1              | 2     | 3             | 4                | 5             | 6                | 7             | 8                | 10            | 11               | 12              | 13               | 14            | 15               |
| 2008-09        | 47    | 16,220        | 22               | 3,582         | 25               | 12,637        | 25               | 3,582         | 5                | 96              | 40               | 14,176        | 1                |
| 2009-10        | 76    | 57,555        | 47               | 49,236        | 29               | 8,319         | 34               | 30,359        | 42               | 27,196          | 1                | 54,866        | 1                |
| 2010-11        | 91    | 67,609        | 68               | 58,105        | 23               | 9,503         | 28               | 32,049        | 63               | 35,559          | 2                | 50            | 78               |
| 2011-12        | 71    | 48,468        | 55               | 46,093        | 16               | 2,375         | 17               | 6,953         | 54               | 41,515          | 4                | 104           | 47               |
| 2012-13        | 69    | 32,455        | 53               | 23,510        | 16               | 8,945         | 36               | 25,927        | 33               | 6,528           | 10               | 6,176         | 39               |
| 2013-14        | 90    | 55,652        | 75               | 51,075        | 15               | 4,576         | 52               | 54,416        | 38               | 1,236           | 19               | 824           | 36               |
| 2014-15\$      | 54    | 9,564         | 44               | 6,769         | 10               | 2,795         | 27               | 8,527         | 27               | 1,037           | 3                | 21            | 33               |
| Apr-14         | 5     | 980           | 2                | 381           | 3                | 598           | 4                | 798           | 1                | 181             | 1                | 15            | 3                |
| May-14         | 7     | 420           | 5                | 289           | 2                | 131           | 4                | 381           | 3                | 39              | 1                | 4             | 4                |
| Jun-14         | 6     | 915           | 6                | 915           | 0                | 0             | 3                | 891           | 3                | 24              | 0                | 0             | 3                |
| Jul-14         | 6     | 2,446         | 6                | 2,446         | 0                | 0             | 3                | 2,418         | 3                | 27              | 0                | 3             | 27               |
| Aug-14         | 5     | 1,868         | 3                | 458           | 2                | 1,410         | 4                | 1,671         | 1                | 197             | 0                | 2             | 607              |
| Sep-14         | 18    | 1,616         | 15               | 960           | 3                | 656           | 4                | 1,054         | 14               | 562             | 0                | 0             | 17               |
| Oct-14         | 7     | 1,320         | 7                | 1,320         | 0                | 0             | 5                | 1,313         | 2                | 7               | 1                | 2             | 5                |

Note: 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.

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.

\$ indicates as on October 31, 2014.  
Source: SEBI.

Table 6: Issues Listed on SME Platform

| Year/ Month | No. of issue |    | Total |
|-------------|--------------|----|-------|
|             | 1            | 2  |       |
| 2012-13     | 2            | 24 | 239   |
| 2013-14     | 37           | 37 | 317   |
| 2014-15\$   | 23           | 23 | 186   |
| Apr-14      | 0            | 0  | 0     |
| May-14      | 3            | 3  | 39    |
| Jun-14      | 3            | 3  | 24    |
| Jul-14      | 3            | 3  | 27    |
| Aug-14      | 0            | 0  | 0     |
| Sep-14      | 12           | 12 | 90    |
| Oct-14      | 2            | 2  | 7     |

\$ indicates as on October 31, 2014.

Source: SEBI

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

| Industry               | 2011-12      |                  | 2012-13      |                  | 2013-14      |                  | 2014-15\$    |                  | Oct-14       |                  |
|------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|
|                        | No. of issue | Amount (₹ crore) |
| Banking/FIs            | 20           | 35,611           | 7            | 2,475            | 14           | 29,700           | 4            | 427              | 0            | 0                |
| Cement & Construction  | 2            | 187              | 1            | 9                | 4            | 731              | 2            | 603              | 1            | 5                |
| Chemical               | 0            | 0                | 1            | 9                | 0            | 0                | 1            | 8                | 0            | 0                |
| Electronics            | 1            | 121              | 0            | 0                | 0            | 0                | 1            | 33               | 0            | 0                |
| Engineering            | 1            | 217              | 2            | 74               | 5            | 591              | 1            | 525              | 0            | 0                |
| Entertainment          | 1            | 89               | 1            | 12               | 2            | 602              | 3            | 306              | 0            | 0                |
| Finance                | 10           | 7,708            | 16           | 16,536           | 26           | 6,058            | 18           | 5,749            | 5            | 1,313            |
| Food Processing        | 0            | 0                | 2            | 19               | 0            | 0                | 1            | 15               | 0            | 0                |
| Health Care            | 1            | 65               | 2            | 210              | 0            | 0                | 0            | 0                | 0            | 0                |
| Information Technology | 2            | 138              | 1            | 4                | 1            | 19               | 3            | 137              | 0            | 0                |
| Paper & Pulp           | 2            | 306              | 0            | 0                | 1            | 28               | 0            | 0                | 0            | 0                |
| Plastic                | 1            | 11               | 0            | 0                | 3            | 18               | 1            | 3                | 0            | 0                |
| Power                  | 0            | 0                | 0            | 4                | 11,702       | 0                | 0            | 0                | 0            | 0                |
| Printing               | 2            | 71               | 0            | 0                | 0            | 0                | 0            | 0                | 0            | 0                |
| Telecommunication      | 0            | 0                | 1            | 4,173            | 1            | 5                | 0            | 0                | 0            | 0                |
| Textile                | 0            | 0                | 4            | 582              | 3            | 14               | 1            | 30               | 0            | 0                |
| Others                 | 28           | 3,943            | 31           | 8,352            | 26           | 6,184            | 18           | 1,729            | 1            | 2                |
| Total                  | 71           | 48,468           | 69           | 32,455           | 90           | 55,652           | 54           | 9,564            | 7            | 1,320            |

Note: All the public debt issues are included in Banking/FIs

\$ indicates as on October 31, 2014.

Source: SEBI.

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

| Year/<br>Month | Total           |                    | Sector-wise     |                    |                 | Region-wise        |          |         |         |          |         |        |     |        |    |       |
|----------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|----------|---------|---------|----------|---------|--------|-----|--------|----|-------|
|                | No. of<br>issue | Amount<br>(₹crore) | No. of<br>issue | Amount<br>(₹crore) | No. of<br>issue | Amount<br>(₹crore) | Northern | Eastern | Western | Southern | Foreign |        |     |        |    |       |
| 1              | 2               | 3                  | 4               | 5                  | 6               | 7                  | 8        | 9       | 10      | 11       | 12      | 13     | 14  | 15     | 16 | 17    |
| 2008-09        | 47              | 16,220             | 47              | 16,220             | 0               | 0                  | 6        | 2,902   | 5       | 315      | 21      | 11,202 | 15  | 1,800  | 0  | 0     |
| 2009-10        | 76              | 57,555             | 70              | 26,438             | 6               | 31,117             | 17       | 24,714  | 10      | 4,175    | 36      | 15,796 | 13  | 12,870 | 0  | 0     |
| 2010-11        | 91              | 67,609             | 77              | 29,385             | 14              | 38,223             | 20       | 16,356  | 8       | 17,190   | 35      | 21,479 | 27  | 10,097 | 1  | 2,487 |
| 2011-12        | 71              | 48,468             | 62              | 19,874             | 9               | 28,594             | 20       | 35,546  | 5       | 225      | 25      | 5,817  | 21  | 6,880  | 0  | 0     |
| 2012-13        | 69              | 32,455             | 55              | 17,690             | 14              | 14,765             | 25       | 25,781  | 3       | 98       | 30      | 4,499  | 11  | 2,077  | 0  | 0     |
| 2013-14        | 90              | 55,652             | 70              | 11,681             | 20              | 43,970             | 33       | 43,961  | 12      | 908      | 28      | 6,969  | 17  | 3,815  | 0  | 0     |
| 2014-15\$      | 54              | 9,564              | 44              | 5,655              | 10              | 3,909              | 5        | 64      | 4       | 494      | 23      | 2,585  | 20  | 5,912  | 0  | 0     |
| Apr-14         | 5               | 980                | 4               | 780                | 1               | 200                | 1        | 15      | 0       | 0        | 1       | 525    | 3   | 440    | 0  | 0     |
| May-14         | 7               | 420                | 5               | 170                | 2               | 250                | 1        | 4       | 1       | 150      | 3       | 42     | 2   | 223    | 0  | 0     |
| Jun-14         | 6               | 915                | 3               | 24                 | 3               | 891                | 2        | 41      | 0       | 0        | 3       | 408    | 1   | 466    | 0  | 0     |
| Jul-14         | 6               | 2,446              | 3               | 27                 | 3               | 2,418              | 0        | 0       | 0       | 0        | 2       | 22     | 4   | 2,423  | 0  | 0     |
| Aug-14         | 5               | 1,868              | 4               | 1,719              | 1               | 149                | 0        | 0       | 0       | 0        | 1       | 1,000  | 3   | 756    | 0  | 0     |
| Sep-14         | 18              | 1,616              | 18              | 1,616              | 0               | 0                  | 1        | 3       | 2       | 8        | 12      | 584    | 2   | 624    | 0  | 0     |
| Oct-14         | 7               | 1,320              | 7               | 1,320              | 0               | 0                  | 0        | 1       | 336     | 1        | 5       | 5      | 979 | 0      | 0  | 0     |

Note: The total is either a total of Sector-wise classification or Region-wise classification.

\$ indicates as on October 31, 2014.

Source: SEBI.

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

| Year/<br>Month | Total           |                    | < 5 crore       |                    | ≥ 5 crore - < 10 crore |                    | ≥ 10 crore - < 50 crore |                    | ≥ 50 crore - < 100 crore |                    | ≥ 100 crore     |                    |        |
|----------------|-----------------|--------------------|-----------------|--------------------|------------------------|--------------------|-------------------------|--------------------|--------------------------|--------------------|-----------------|--------------------|--------|
|                | No. of<br>issue | Amount<br>(₹crore) | No. of<br>issue | Amount<br>(₹crore) | No. of<br>issue        | Amount<br>(₹crore) | No. of<br>issue         | Amount<br>(₹crore) | No. of<br>issue          | Amount<br>(₹crore) | No. of<br>issue | Amount<br>(₹crore) |        |
| 1              | 2               | 3                  | 4               | 5                  | 6                      | 7                  | 8                       | 9                  | 10                       | 11                 | 12              | 13                 |        |
| 2008-09        | 47              | 16,220             | 1               | 3                  | 3                      | 1                  | 7                       | 21                 | 509                      | 6                  | 445             | 18                 | 15,255 |
| 2009-10        | 76              | 57,555             | 1               | 2                  | 3                      | 24                 | 18                      | 596                | 9                        | 636                | 45              | 56,298             |        |
| 2010-11        | 91              | 67,609             | 1               | 2                  | 2                      | 11                 | 13                      | 455                | 20                       | 1,406              | 55              | 65,735             |        |
| 2011-12        | 71              | 48,468             | 2               | 9                  | 2                      | 14                 | 18                      | 510                | 14                       | 1,018              | 35              | 46,916             |        |
| 2012-13        | 69              | 32,555             | 2               | 7                  | 13                     | 86                 | 15                      | 290                | 6                        | 440                | 33              | 31,632             |        |
| 2013-14        | 90              | 55,652             | 14              | 41                 | 17                     | 122                | 10                      | 174                | 3                        | 221                | 46              | 55,093             |        |
| 2014-15\$      | 54              | 9,564              | 12              | 42                 | 7                      | 54                 | 9                       | 196                | 1                        | 59                 | 25              | 9,213              |        |
| Apr-14         | 5               | 980                | 0               | 0                  | 0                      | 1                  | 15                      | 1                  | 59                       | 3                  | 906             |                    |        |
| May-14         | 7               | 420                | 1               | 4                  | 2                      | 17                 | 1                       | 25                 | 0                        | 0                  | 3               | 373                |        |
| Jun-14         | 6               | 915                | 1               | 2                  | 1                      | 6                  | 2                       | 41                 | 0                        | 0                  | 2               | 866                |        |
| Jul-14         | 6               | 2,446              | 1               | 5                  | 1                      | 6                  | 1                       | 16                 | 0                        | 0                  | 3               | 2,418              |        |
| Aug-14         | 5               | 1,868              | 0               | 0                  | 0                      | 0                  | 0                       | 0                  | 0                        | 0                  | 5               | 1,868              |        |
| Sep-14         | 18              | 1,616              | 7               | 24                 | 3                      | 25                 | 4                       | 99                 | 0                        | 0                  | 4               | 1,468              |        |
| Oct-14         | 7               | 1,320              | 2               | 7                  | 0                      | 0                  | 0                       | 0                  | 0                        | 0                  | 5               | 1,313              |        |

\$ indicates as on October 31, 2014.  
Source: SEBI.

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

| Year/<br>Month | NSE              |                    | BSE              |                    | Common           |                    | Total            |                    |
|----------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|
|                | No. of<br>issues | Amount<br>(₹crore) |
| 1              | 2                | 3                  | 4                | 5                  | 6                | 7                  | 8                | 9                  |
| 2010-11        | 10               | 2,802              | 3                | 90                 | 46               | 22,959             | 59               | 25,850             |
| 2011-12        | 1                | 8                  | 1                | 40                 | 14 <sup>1</sup>  | 2,114              | 16 <sup>1</sup>  | 2,163              |
| 2012-13        | 1                | 950                | 1                | 160                | 43 <sup>2</sup>  | 14,885             | 45 <sup>2</sup>  | 15,996             |
| 2013-14        | 1                | 160                | 0                | 0                  | 16 <sup>3</sup>  | 13,503             | 17 <sup>3</sup>  | 13,663             |
| 2014-15\$      | 2                | 725                | 0                | 0                  | 28               | 20,676             | 30               | 21,402             |
| Apr-14         | 0                | 0                  | 0                | 0                  | 0                | 0                  | 0                | 0                  |
| May-14         | 0                | 0                  | 0                | 0                  | 3 <sup>4</sup>   | 816                | 3                | 816                |
| Jun-14         | 0                | 0                  | 0                | 0                  | 3                | 6,342              | 3                | 6,342              |
| Jul-14         | 0                | 0                  | 0                | 0                  | 8                | 9,690              | 8                | 9,690              |
| Aug-14         | 1                | 625                | 0                | 0                  | 3                | 702                | 4                | 1,327              |
| Sep-14         | 0                | 0                  | 0                | 0                  | 5                | 2,154              | 5                | 2,154              |
| Oct-14         | 1                | 100                | 0                | 0                  | 6                | 973                | 7                | 1,073              |

- Notes:
- The above data includes both “no. of issues” and “Amount” raised on conversion of convertible securities issued on QIP basis.
  - <sup>1</sup> Includes one issue of Institutional Placement Programme (Issue Size of ₹470.74 crore).
  - <sup>2</sup> Includes two issues of Institutional Placement Programme (Issue Size of ₹940.8 crore).
  - <sup>3</sup> Includes ten issues of Institutional Placement Programme (Issue Size of ₹4,101.84 crore).
  - <sup>4</sup> Includes one issue of Institutional Placement Programme (Issue Size of ₹418.29 crore).

\$ indicates as on October 31, 2014.

Source: BSE and NSE.

**Table 11 : Preferential Allotments Listed at BSE and NSE**

| Year/<br>Month | NSE             |                    | BSE             |                    | Common          |                    | Total           |                    |
|----------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
|                | No.of<br>issues | Amount<br>(₹crore) | No.of<br>issues | Amount<br>(₹crore) | No.of<br>issues | Amount<br>(₹crore) | No.of<br>issues | Amount<br>(₹crore) |
| 1              | 2               | 3                  | 4               | 5                  | 6               | 7                  | 8               | 9                  |
| 2010-11        | 83              | 1,393              | 156             | 12,072             | 134             | 17,046             | 373             | 30,511             |
| 2011-12        | 133             | 2,820              | 88              | 4,166              | 90              | 18,723             | 311             | 25,709             |
| 2012-13        | 188             | 7,442              | 87              | 12,729             | 145             | 26,768             | 420             | 46,939             |
| 2013-14        | 222             | 3,789              | 24              | 1,029              | 165             | 41,645             | 411             | 46,463             |
| 2014-15\$      | 126             | 3,324              | 61              | 4,437              | 119             | 14,193             | 293             | 21,422             |
| Apr-14         | 15              | 315                | 3               | 48                 | 10              | 2,797              | 28              | 3,160              |
| May-14         | 46              | 1,930              | 29              | 1,699              | 24              | 1,513              | 99              | 5,142              |
| Jun-14         | 18              | 120                | 2               | 4                  | 24              | 3,147              | 44              | 3,271              |
| Jul-14         | 11              | 170                | 0               | 0                  | 18              | 1,989              | 29              | 2,159              |
| Aug-14         | 10              | 114                | 1               | 5                  | 12              | 2,146              | 23              | 2,265              |
| Sep-14         | 25              | 667                | 6               | 2,154              | 13              | 532                | 31              | 2,821              |
| Oct-14         | 1               | 7                  | 20              | 528                | 18              | 2,070              | 39              | 2,605              |

\$ indicates as on October 31, 2014.

Source: BSE and NSE.

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

| Year/<br>Month | NSE              |                    | BSE              |                    | Common           |                    | Total            |                    |
|----------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|
|                | No. of<br>Issues | Amount<br>(₹crore) |
| 1              | 2                | 3                  | 4                | 5                  | 6                | 7                  | 8                | 9                  |
| 2007-08        | 580              | 90,718             | 120              | 11,711             | 44               | 16,056             | 744              | 1,18,485           |
| 2008-09        | 699              | 1,24,810           | 285              | 17,045             | 57               | 31,426             | 1,041            | 1,73,281           |
| 2009-10        | 647              | 1,43,286           | 597              | 49,739             | 34               | 19,610             | 1,278            | 2,12,635           |
| 2010-11        | 774              | 1,53,370           | 591              | 52,591             | 39               | 12,825             | 1,404            | 2,18,785           |
| 2011-12        | 1,152            | 1,89,803           | 783              | 56,974             | 18               | 14,505             | 1,953            | 2,61,282           |
| 2012-13        | 1,295            | 2,06,187           | 1,094            | 72,474             | 100              | 82,801             | 2,489            | 3,61,462           |
| 2013-14        | 837              | 1,40,713           | 997              | 78,805             | 90               | 56,536             | 1,924            | 2,76,054           |
| 2014-15\$      | 523              | 78,833             | 741              | 54,828             | 71               | 50,029             | 1,335            | 1,83,690           |
| Apr-14         | 94               | 9,123              | 194              | 10,652             | 12               | 3,800              | 300              | 23,575             |
| May-14         | 44               | 6,384              | 39               | 2,686              | 0                | 0                  | 83               | 9,070              |
| Jun-14         | 62               | 6,312              | 83               | 5,764              | 14               | 6,250              | 159              | 18,326             |
| Jul-14         | 0                | 0                  | 17               | 491                | 11               | 2,375              | 28               | 2,866              |
| Aug-14         | 62               | 14,142             | 102              | 8,086              | 10               | 10,647             | 174              | 32,876             |
| Sep-14         | 138              | 24,082             | 155              | 15,950             | 19               | 18,546             | 312              | 58,579             |
| Oct-14         | 123              | 18,789             | 151              | 11,199             | 5                | 8,411              | 279              | 38,399             |

\$ indicates as on October 31, 2014.

Source: SEBI

**Table 13: Trading in the Corporate Debt Market**

| Year/ Month | BSE           |                           | NSE           |                           | MCX-SX        |                           |
|-------------|---------------|---------------------------|---------------|---------------------------|---------------|---------------------------|
|             | No. of Trades | Traded Value<br>(₹ crore) | No. of Trades | Traded Value<br>(₹ crore) | No. of Trades | Traded Value<br>(₹ crore) |
| 1           | 2             | 3                         | 4             | 5                         | 6             | 7                         |
| 2008-09     | 8,327         | 37,320                    | 4,902         | 49,505                    |               |                           |
| 2009-10     | 7,408         | 53,323                    | 12,522        | 1,51,920                  |               |                           |
| 2010-11     | 4,465         | 39,581                    | 8,006         | 1,55,951                  |               |                           |
| 2011-12     | 6,424         | 49,842                    | 11,973        | 1,93,435                  |               |                           |
| 2012-13     | 8,639         | 51,622                    | 21,141        | 2,42,105                  |               |                           |
| 2013-14     | 10,187        | 1,03,027                  | 20,809        | 2,75,701                  |               |                           |
| 2014-15\$   | 10,008        | 1,13,889                  | 30,951        | 4,85,164                  | 4             | 0.4                       |
| Apr-14      | 1,171         | 14,891                    | 3,670         | 60,149                    | 1             | 0.1                       |
| May-14      | 1,298         | 14,840                    | 4,459         | 79,106                    | 0             | 0                         |
| Jun-14      | 1,378         | 13,598                    | 4,176         | 54,783                    | 2             | 0.2                       |
| Jul-14      | 1,422         | 16,758                    | 4,290         | 66,854                    | 0             | 0.0                       |
| Aug-14      | 1,211         | 10,915                    | 3,843         | 57,270                    | 1             | 0.1                       |
| Sep-14      | 1,866         | 22,929                    | 5,807         | 94,514                    | 0             | 0.0                       |
| Oct-14      | 1,662         | 19,959                    | 4,706         | 72,488                    | 0             | 0                         |

Notes: 1. As per RBI circular dated February 24, 2014, reporting of secondary market transaction in Corporate Bond has been discontinued at FIMMDA with effect from April 1, 2014.

2. Na: Not Applicable

\$ indicates as on October 31, 2014.

Source: SEBI

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

| Grade     | Investment Grade     |                  |                  |                  |                     |                  | Non-Investment Grade  | Total            |
|-----------|----------------------|------------------|------------------|------------------|---------------------|------------------|-----------------------|------------------|
|           | Highest Safety (AAA) |                  | High Safety (AA) |                  | Adequate Safety (A) |                  | Moderate Safety (BBB) |                  |
| Period    | No. of issue         | Amount (₹ crore) | No. of issue     | Amount (₹ crore) | No. of issue        | Amount (₹ crore) | No. of issue          | Amount (₹ crore) |
| 1         | 2                    | 3                | 4                | 5                | 6                   | 7                | 9                     | 10               |
| 2008-09   | 307                  | 5,23,589         | 349              | 1,38,471         | 298                 | 53,240           | 52,372                | 396              |
| 2009-10   | 275                  | 5,03,347         | 321              | 1,41,089         | 249                 | 42,121           | 691                   | 1,507            |
| 2010-11   | 244                  | 5,11,583         | 267              | 1,82,584         | 249                 | 90,445           | 579                   | 69,283           |
| 2011-12   | 256                  | 5,36,245         | 380              | 2,38,381         | 267                 | 88,534           | 710                   | 53,401           |
| 2012-13   | 204                  | 7,98,560         | 449              | 2,46,970         | 313                 | 86,799           | 648                   | 47,193           |
| 2013-14   | 169                  | 7,58,737         | 303              | 2,01,516         | 187                 | 79,790           | 422                   | 81,244           |
| 2014-15\$ | 112                  | 5,15,886         | 179              | 1,43,017         | 136                 | 32,116           | 184                   | 21,695           |
| Apr-14    | 17                   | 1,76,883         | 17               | 9,646            | 16                  | 4,134            | 27                    | 3,219            |
| May-14    | 13                   | 1,00,802         | 10               | 4,710            | 9                   | 2,216            | 27                    | 2,798            |
| Jun-14    | 12                   | 45,911           | 20               | 18,000           | 11                  | 2,849            | 27                    | 3,838            |
| Jul-14    | 8                    | 22,023           | 26               | 20,040           | 33                  | 8,410            | 36                    | 4,603            |
| Aug-14    | 15                   | 27,031           | 30               | 13,426           | 19                  | 3,269            | 26                    | 4,272            |
| Sep-14    | 27                   | 96,147           | 53               | 61,252           | 31                  | 5,462            | 30                    | 2,385            |
| Oct-14    | 20                   | 47,089           | 23               | 15,943           | 17                  | 5,777            | 11                    | 580              |

\$ indicates as on October 31, 2014.

Source: Credit Rating Agencies.

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

| Grade     | Upgraded     |                  |              |                  | Downgraded   |                  |              |                  | Reaffirmed | Rating Watch | Withdrawn/<br>Suspended | Not Meaningful<br>Category | No. of issue | Amount (₹ crore) | No. of issue | Amount (₹ crore) | Not Meaningful<br>Category | No. of issue | Amount (₹ crore) | Total |        |
|-----------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|------------|--------------|-------------------------|----------------------------|--------------|------------------|--------------|------------------|----------------------------|--------------|------------------|-------|--------|
|           | No. of issue | Amount (₹ crore) |            |              |                         |                            |              |                  |              |                  |                            |              |                  |       |        |
| Period    | 2            | 3                | 4            | 5                | 6            | 7                | 8            | 9                | 10         | 11           | 12                      | 13                         | 14           | 15               | 14           | 15               | 14                         | 15           | 14               | 15    | 14     |
| 2008-09   | 36           | 17,033           | 251          | 1,60,021         | 1,430        | 23,23,424        | 52           | 1,23,303         | 335        | 44,853       | 1                       | 90                         | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 2,105  |
| 2009-10   | 197          | 61,052           | 324          | 1,31,668         | 2,766        | 30,80,727        | 70           | 27,726           | 358        | 84,569       | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 3,715  |
| 2010-11   | 743          | 1,57,395         | 310          | 28,203           | 3,605        | 41,99,714        | 100          | 38,662           | 518        | 87,314       | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 5,341  |
| 2011-12   | 696          | 1,01,523         | 650          | 1,35,515         | 3,935        | 37,36,592        | 45           | 32,807           | 717        | 81,947       | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 6,058  |
| 2012-13   | 463          | 28,624           | 904          | 2,19,321         | 3,827        | 39,16,772        | 57           | 22,898           | 637        | 1,07,177     | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 5,892  |
| 2013-14   | 225          | 46,606           | 231          | 1,02,385         | 1,788        | 50,15,025        | 21           | 12,106           | 358        | 61,586       | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 2,607  |
| 2014-15\$ | 331          | 144,296          | 119          | 45,379           | 1,368        | 35,39,182        | 42           | 52,472           | 287        | 34,948       | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 2,145  |
| Apr-14    | 11           | 3,031            | 9            | 4,499            | 98           | 1,71,269         | 6            | 1,792            | 35         | 5,599        | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 1,59   |
| May-14    | 13           | 2,566            | 6            | 1,315            | 91           | 5,76,346         | 2            | 950              | 29         | 3,077        | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 140    |
| Jun-14    | 63           | 24,489           | 5            | 10,065           | 211          | 2,83,754         | 18           | 15,200           | 44         | 755          | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 34,165 |
| Jul-14    | 69           | 28,102           | 42           | 4,235            | 259          | 4,27,324         | 5            | 17,681           | 66         | 15,878       | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 441    |
| Aug-14    | 69           | 61,079           | 11           | 1,351            | 129          | 5,23,673         | 6            | 2,489            | 48         | 4,296        | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 263    |
| Sep-14    | 89           | 19,295           | 42           | 22,894           | 451          | 11,51,409        | 1            | 1,280            | 42         | 2,379        | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 625    |
| Oct-14    | 17           | 5,734            | 4            | 1,020            | 129          | 4,05,406         | 4            | 13,080           | 23         | 2,966        | 0                       | 0                          | 0            | 0                | 0            | 0                | 0                          | 0            | 0                | 0     | 177    |

\$ indicates as on October 31, 2014.

Source: Credit Rating Agencies.

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

| Stock Exchanges | 2011-12   | 2012-13   | 2013-14   | 2014-15\$ | Oct-14   |
|-----------------|-----------|-----------|-----------|-----------|----------|
| 1               | 3         | 4         | 5         | 6         | 7        |
| Ahmedabad       | 0         | 0         | 0         | 0         | 0        |
| Bangalore       | 0         | 0         | 0         | 0         | 0        |
| Bhubaneshwar    | 0         | 0         | 0         | 0         | 0        |
| BSE             | 6,67,498  | 5,48,774  | 5,21,664  | 4,88,135  | 51,078   |
| Calcutta        | 5,991     | 0         | 0         | 0         | 0        |
| Cochin          | 0         | 0         | 0         | 0         | 0        |
| Coimbatore      | 0         | 0         | 0         | 0         | 0        |
| Delhi           | 0         | 0         | 0         | 0         | 0        |
| Gauhati         | 0         | 0         | 0         | 0         | 0        |
| ISE             | 0         | 0         | 0         | 0         | 0        |
| Jaipur          | 0         | 0         | 0         | 0         | 0        |
| Ludhiana        | 0         | 0         | 0         | 0         | 0        |
| Madhya Pradesh  | 0         | 0         | 0         | 0         | 0        |
| Madras          | 0         | 0         | 0         | 0         | 0        |
| MCX-SX          | Na        | 33        | 11,185    | 0.3       | 0        |
| NSE             | 28,10,893 | 27,08,279 | 28,08,489 | 24,71,051 | 2,71,191 |
| OTCEI           | 0         | 0         | 0         | 0         | 0        |
| Pune            | 0         | 0         | 0         | 0         | 0        |
| Uttar Pradesh   | 0         | 0         | 0         | 0         | 0        |
| Vadodara        | 0         | 0         | 0         | 0         | 0        |

Notes: 1. Cash segment of MCX-SX commenced its operations from Feb 11, 2013.

2. Na: Not Applicable

\$ indicates as on October 31, 2014.

Source: Various Exchanges.

**Table 17: Cash Segment of BSE**

| Year/<br>Month | No. of<br>Companies<br>Listed | No. of<br>Companies Per-<br>mitted* | No. of<br>Trading<br>Days | No. of<br>Companies<br>traded | No. of<br>Trades<br>(Lakh) | Traded<br>Quantity<br>(Lakh) | Turnover<br>(₹ crore) | Average<br>Daily<br>Turnover<br>(₹ crore) | Average<br>Trade<br>Size (₹) | Demat<br>Securities<br>Traded<br>(Lakh) | Demat<br>Turnover<br>(₹ crore) | BSE S&P Sensex |          |          |          |
|----------------|-------------------------------|-------------------------------------|---------------------------|-------------------------------|----------------------------|------------------------------|-----------------------|---|------------------------------|---|--------------------------------|----------------|----------|----------|----------|
|                |                               |                                     |                           |                               |                            |                              |                       |   |                              |   |                                | High           | Low      | Close    |          |
| 1              | 2                             | 3                                   | 4                         | 5                             | 6                          | 7                            | 8                     | 9   | 10                           | 11                                      | 12                             | 13             | 14       | 15       | 16       |
| 2008-09        | 4,929                         | 66                                  | 3,194                     | 243                           | 5,408                      | 7,39,600                     | 11,00,074             | 4,527                                     | 20,342                       | 7,39,287                                | 10,99,871                      | 30,86,075      | 17,735.7 | 7,697.4  | 9708.5   |
| 2009-10        | 4,975                         | 86                                  | 3,297                     | 244                           | 6,056                      | 11,36,513                    | 13,78,809             | 5,651                                     | 22,768                       | 11,35,750                               | 13,78,529                      | 61,65,619      | 17,793.0 | 9,546.3  | 17,527.8 |
| 2010-11        | 5,067                         | 91                                  | 2,933                     | 255                           | 5,285                      | 9,90,777                     | 11,05,027             | 4,333                                     | 20,910                       | 9,89,999                                | 11,03,978                      | 21,108.6       | 15,960.2 | 19,445.2 |          |
| 2011-12        | 5,133                         | 95                                  | 2,977                     | 249                           | 3,944                      | 6,54,137                     | 6,67,498              | 2,681                                     | 16,925                       | 6,53,445                                | 6,66,761                       | 62,14,941      | 19,811.1 | 15,135.9 | 17,404.2 |
| 2012-13        | 5,211                         | 76                                  | 2,867                     | 250                           | 3,235                      | 5,67,220                     | 5,48,774              | 2,195                                     | 16,963                       | 5,67,125                                | 5,48,725                       | 63,87,887      | 20,203.7 | 15,749.0 | 18,835.8 |
| 2013-14        | 5,336                         | 92                                  | 2,841                     | 251                           | 3,632                      | 4,79,951                     | 5,21,664              | 2,078                                     | 14,362                       | 4,79,951                                | 5,21,664                       | 74,15,296      | 22,467.2 | 17,448.7 | 22,386.3 |
| 2014-15\$      | 5,498                         | 92                                  | 3,023                     | 141                           | 4,098                      | 5,06,526                     | 4,88,135              | 3,462                                     | 11,911                       | 5,06,527                                | 4,88,132                       | 96,84,691      | 27,894.3 | 22,197.5 | 27,865.8 |
| Apr-14         | 5,355                         | 92                                  | 2,877                     | 18                            | 423                        | 57,043                       | 49,716                | 2,762                                     | 11,742                       | 57,043                                  | 49,715                         | 74,94,791      | 22,193.3 | 22,197.5 | 22,417.8 |
| May-14         | 5,379                         | 92                                  | 3,086                     | 21                            | 713                        | 82,489                       | 92,122                | 4,387                                     | 12,927                       | 82,489                                  | 92,122                         | 84,07,834      | 25,375.6 | 22,277.0 | 24,217.3 |
| Jun-14         | 5,406                         | 92                                  | 3,135                     | 21                            | 700                        | 94,631                       | 84,141                | 4,007                                     | 12,022                       | 94,631                                  | 84,141                         | 90,20,000      | 25,255.1 | 24,270.2 | 25,413.8 |
| Jul-14         | 5,433                         | 92                                  | 3,022                     | 22                            | 631                        | 74,464                       | 75,119                | 3,415                                     | 11,897                       | 74,464                                  | 75,119                         | 90,10,270      | 26,500.2 | 24,892.0 | 25,895.0 |
| Aug-14         | 5,458                         | 92                                  | 3,032                     | 19                            | 498                        | 64,863                       | 53,648                | 2,824                                     | 10,779                       | 64,863                                  | 53,648                         | 92,59,481      | 26,674.4 | 25,232.8 | 26,638.1 |
| Sep-14         | 5,476                         | 92                                  | 2,984                     | 22                            | 699                        | 81,248                       | 82,311                | 3,741                                     | 11,778                       | 81,248                                  | 82,310                         | 93,82,249      | 27,555.0 | 26,220.5 | 26,630.5 |
| Oct-14         | 5,498                         | 92                                  | 3,023                     | 18                            | 434                        | 51,078                       | 2,838                 | 11,774                                    | 51,078                       | 51,078                                  | 51,078                         | 96,84,691      | 27,894.3 | 25,910.8 | 27,865.8 |

Note: \* Excluding Mutual Fund Schemes from Feb 2013.

\$ indicates as on October 31, 2014.

Source: BSE .



Table 20: Trends in Cash Segment of NSE during October 2014

| Date      | No. of Companies Traded | No. of Trades (Lakh) | Traded Quantity (Lakh) | Turnover (₹ crore) | Average Trade Size (₹) | Demat Securities Traded (Lakh) | Demat Turnover (₹ crore) | Market Capitalisation (₹ crore) | CNX Nifty Index |        |        | Close   |
|-----------|-------------------------|----------------------|------------------------|--------------------|------------------------|--------------------------------|--------------------------|---------------------------------|-----------------|--------|--------|---------|
|           |                         |                      |                        |                    |                        |                                |                          |                                 | High            | Low    | Close  |         |
| 1         | 2                       | 3                    | 4                      | 5                  | 6                      | 7                              | 8                        | 9                               | 10              | 11     | 12     | 13      |
| 1-Oct-14  | 1,490                   | 64                   | 8,839                  | 13,082             | 20,354                 | 8,839                          | 13,082                   | 91,50,937                       | 7977.5          | 7936.7 | 7945.6 | 17120.3 |
| 7-Oct-14  | 1,503                   | 76                   | 7,692                  | 15,375             | 20,230                 | 7,692                          | 15,375                   | 90,47,851                       | 7943.1          | 7842.7 | 7852.4 | 17008.3 |
| 8-Oct-14  | 1,492                   | 65                   | 7,339                  | 14,552             | 22,333                 | 7,339                          | 14,552                   | 90,41,047                       | 7869.9          | 7815.8 | 7842.7 | 16767.1 |
| 9-Oct-14  | 1,511                   | 63                   | 8,122                  | 14,388             | 22,756                 | 8,122                          | 14,388                   | 91,71,503                       | 7972.4          | 7886.5 | 7960.6 | 17043.7 |
| 10-Oct-14 | 1,486                   | 67                   | 7,614                  | 15,857             | 23,706                 | 7,614                          | 15,857                   | 90,42,991                       | 7924.1          | 7848.5 | 7860.0 | 16922.3 |
| 13-Oct-14 | 1,494                   | 62                   | 6,812                  | 13,389             | 21,709                 | 6,812                          | 13,389                   | 90,79,695                       | 7901.2          | 7796.0 | 7884.3 | 16820.4 |
| 14-Oct-14 | 1,500                   | 73                   | 8,277                  | 15,754             | 21,667                 | 8,277                          | 15,754                   | 90,63,933                       | 7928.0          | 7825.5 | 7864.0 | 16939.7 |
| 16-Oct-14 | 1,505                   | 79                   | 8,487                  | 17,400             | 22,056                 | 8,487                          | 17,400                   | 88,99,320                       | 7893.9          | 7729.7 | 7748.2 | 16883.4 |
| 17-Oct-14 | 1,498                   | 72                   | 7,576                  | 17,006             | 23,709                 | 7,576                          | 17,006                   | 89,02,160                       | 7819.2          | 7723.9 | 7779.7 | 16642.2 |
| 20-Oct-14 | 1,493                   | 69                   | 7,369                  | 15,818             | 22,945                 | 7,369                          | 15,818                   | 90,24,394                       | 7906.0          | 7857.0 | 7879.4 | 16895.5 |
| 21-Oct-14 | 1,482                   | 68                   | 7,153                  | 16,293             | 24,080                 | 7,153                          | 16,293                   | 90,82,977                       | 7936.6          | 7874.4 | 7927.8 | 17025.5 |
| 22-Oct-14 | 1,487                   | 65                   | 6,685                  | 14,294             | 21,918                 | 6,685                          | 14,294                   | 91,57,616                       | 8005.0          | 7974.6 | 7995.9 | 17181.2 |
| 23-Oct-14 | 1,433                   | 13                   | 1,813                  | 2,600              | 19,389                 | 1,813                          | 2,600                    | 91,99,994                       | 8031.8          | 8008.9 | 8014.6 | 17283.6 |
| 27-Oct-14 | 1,504                   | 63                   | 6,673                  | 13,705             | 21,591                 | 6,673                          | 13,705                   | 91,60,345                       | 8064.4          | 7985.7 | 7991.7 | 17327.6 |
| 28-Oct-14 | 1,494                   | 63                   | 6,527                  | 14,226             | 22,451                 | 6,527                          | 14,226                   | 91,95,364                       | 8037.8          | 7995.1 | 8027.6 | 17223.9 |
| 29-Oct-14 | 1,509                   | 69                   | 7,864                  | 15,775             | 22,849                 | 7,864                          | 15,775                   | 92,63,837                       | 8098.0          | 8052.3 | 8090.5 | 17350.8 |
| 30-Oct-14 | 1,509                   | 78                   | 10,156                 | 21,337             | 27,304                 | 10,156                         | 21,337                   | 93,36,405                       | 8181.6          | 8085.2 | 8169.2 | 17453.3 |
| 31-Oct-14 | 1,514                   | 84                   | 10,774                 | 20,339             | 24,267                 | 10,774                         | 20,339                   | 94,90,520                       | 8330.8          | 8198.1 | 8322.2 | 17723.1 |
|           |                         |                      |                        |                    |                        |                                |                          |                                 |                 |        |        | 17497.5 |
|           |                         |                      |                        |                    |                        |                                |                          |                                 |                 |        |        | 17715.7 |

Source: NSE.

Table 21: Turnover and Market Capitalisation at BSE and NSE during October 2014 (' crore)

| Date      | Turnover             |                   |       |      |      |              |       |        |      |                      | Market Capitalisation |           |           |      |              |                        |          |           |      |     |
|-----------|----------------------|-------------------|-------|------|------|--------------|-------|--------|------|----------------------|-----------------------|-----------|-----------|------|--------------|------------------------|----------|-----------|------|-----|
|           | BSE                  |                   |       |      |      | NSE          |       |        |      |                      | BSE                   |           |           | NSE  |              |                        |          |           |      |     |
|           | BSE<br>S&P<br>Sensex | BSE<br>S&P<br>100 | Total | A#   | B#   | CNX<br>Nifty | Total | C#     | D#   | BSE<br>S&P<br>Sensex | BSE<br>S&P<br>100     | Total     | E#        | F#   | CNX<br>Nifty | CNX<br>Nifty<br>Junior | Total    | G#        | H#   |     |
| 1         | 2                    | 3                 | 4     | 5    | 6    | 7            | 8     | 9      | 10   | 11                   | 12                    | 13        | 14        | 15   | 16           | 17                     | 18       | 19        | 20   | 21  |
| 1-Oct-14  | 500                  | 977               | 2,680 | 18.7 | 36.5 | 5,980        | 1,919 | 13,082 | 45.7 | 14.7                 | 23,52,394             | 32,84,629 | 93,60,220 | 25.1 | 35.1         | 26,82,546              | 4,69,499 | 91,50,937 | 29.3 | 5.1 |
| 7-Oct-14  | 558                  | 997               | 2,941 | 19.0 | 33.9 | 7,983        | 2,091 | 15,375 | 51.9 | 13.6                 | 23,26,183             | 32,45,804 | 92,58,052 | 25.1 | 35.1         | 26,51,106              | 4,62,975 | 90,47,851 | 29.3 | 5.1 |
| 8-Oct-14  | 500                  | 992               | 2,796 | 17.9 | 35.5 | 7,409        | 2,154 | 14,552 | 50.9 | 14.8                 | 23,23,954             | 32,44,787 | 92,51,271 | 25.1 | 35.1         | 26,47,823              | 4,62,747 | 90,41,047 | 29.3 | 5.1 |
| 9-Oct-14  | 495                  | 984               | 2,666 | 18.6 | 36.9 | 6,797        | 2,281 | 14,388 | 47.2 | 15.9                 | 23,58,529             | 32,94,749 | 93,79,657 | 25.2 | 35.1         | 26,87,616              | 4,71,705 | 91,71,503 | 29.3 | 5.1 |
| 10-Oct-14 | 724                  | 1,240             | 3,056 | 23.7 | 40.6 | 8,474        | 2,042 | 15,857 | 53.4 | 12.9                 | 23,28,433             | 32,51,656 | 92,20,224 | 25.3 | 35.3         | 26,53,651              | 4,63,165 | 90,42,991 | 29.3 | 5.1 |
| 13-Oct-14 | 467                  | 916               | 2,427 | 19.3 | 37.8 | 6,584        | 2,094 | 13,389 | 49.2 | 15.6                 | 23,37,095             | 32,65,633 | 92,56,284 | 25.3 | 35.3         | 26,61,858              | 4,65,452 | 90,79,695 | 29.3 | 5.1 |
| 14-Oct-14 | 601                  | 1,344             | 3,226 | 18.6 | 41.7 | 7,709        | 2,552 | 15,754 | 48.9 | 16.2                 | 23,34,018             | 32,60,118 | 92,38,096 | 25.3 | 35.3         | 26,56,985              | 4,67,063 | 90,63,933 | 29.3 | 5.2 |
| 16-Oct-14 | 644                  | 1,344             | 3,235 | 19.9 | 41.6 | 9,087        | 2,635 | 17,400 | 52.2 | 15.2                 | 23,03,015             | 32,05,735 | 90,73,904 | 25.4 | 35.3         | 26,17,872              | 4,53,972 | 88,99,320 | 29.4 | 5.1 |
| 17-Oct-14 | 635                  | 1,247             | 3,096 | 20.5 | 40.3 | 9,627        | 2,529 | 17,006 | 56.6 | 14.9                 | 23,12,688             | 32,21,274 | 90,76,187 | 25.5 | 35.5         | 26,28,508              | 4,59,897 | 89,02,160 | 29.5 | 5.2 |
| 20-Oct-14 | 538                  | 1,229             | 3,408 | 15.8 | 36.1 | 8,357        | 2,512 | 15,818 | 52.8 | 15.9                 | 23,41,150             | 32,64,117 | 91,94,246 | 25.5 | 35.5         | 26,62,200              | 4,67,183 | 90,24,394 | 29.5 | 5.2 |
| 21-Oct-14 | 508                  | 1,129             | 3,115 | 16.3 | 36.2 | 8,433        | 2,588 | 16,293 | 51.8 | 15.9                 | 23,54,065             | 32,85,240 | 92,53,477 | 25.4 | 35.5         | 26,78,531              | 4,70,994 | 90,82,977 | 29.5 | 5.2 |
| 22-Oct-14 | 417                  | 907               | 2,618 | 15.9 | 34.6 | 7,302        | 1,976 | 14,294 | 51.1 | 13.8                 | 23,72,806             | 33,13,638 | 93,31,138 | 25.4 | 35.5         | 27,01,563              | 4,76,093 | 91,57,616 | 29.5 | 5.2 |
| 23-Oct-14 | 110                  | 210               | 651   | 16.9 | 32.4 | 915          | 278   | 2,600  | 35.2 | 10.7                 | 23,78,460             | 33,24,175 | 93,81,430 | 25.4 | 35.4         | 27,07,856              | 4,78,529 | 91,99,994 | 29.4 | 5.2 |
| 27-Oct-14 | 389                  | 900               | 2,614 | 14.9 | 34.5 | 6,512        | 2,168 | 13,705 | 47.5 | 15.8                 | 23,69,766             | 33,11,927 | 93,37,710 | 25.4 | 35.5         | 27,00,130              | 4,76,014 | 91,60,345 | 29.5 | 5.2 |
| 28-Oct-14 | 461                  | 1,003             | 2,764 | 16.7 | 36.3 | 6,994        | 2,251 | 14,226 | 49.2 | 15.8                 | 23,81,097             | 33,25,058 | 93,71,716 | 25.4 | 35.5         | 27,12,268              | 4,77,459 | 91,95,364 | 29.5 | 5.2 |
| 29-Oct-14 | 424                  | 919               | 2,869 | 14.8 | 32.0 | 7,406        | 2,122 | 15,775 | 47.0 | 13.5                 | 24,00,350             | 33,49,362 | 94,58,293 | 25.4 | 35.4         | 27,33,507              | 4,80,081 | 92,63,837 | 29.5 | 5.2 |
| 30-Oct-14 | 531                  | 1,242             | 3,145 | 16.9 | 39.5 | 11,023       | 3,462 | 21,337 | 51.7 | 16.2                 | 24,22,332             | 33,82,817 | 95,35,437 | 25.4 | 35.5         | 27,60,111              | 4,83,577 | 93,36,405 | 29.6 | 5.2 |
| 31-Oct-14 | 833                  | 1,566             | 3,773 | 22.1 | 41.5 | 9,451        | 3,583 | 20,339 | 46.5 | 17.6                 | 24,68,349             | 34,45,791 | 96,84,691 | 25.5 | 35.6         | 28,11,796              | 4,91,436 | 94,90,520 | 29.6 | 5.2 |

Notes: 1. BSE S&P Sensex, BSE S&P 100, CNX Nifty & CNX Nifty Junior have free float market capitalisation.

A# = percentage share of Sensex securities in total BSE turnover.

B# = percentage share of BSE-100 Index securities in total BSE turnover.

C# = percentage share of CNX Nifty securities in total NSE turnover.

D# = percentage share of CNX Nifty Junior securities in total NSE turnover.

E# = percentage share of Sensex securities in total BSE Market Capitalisation.

F# = percentage share of BSE-100 Index securities in total BSE Market Capitalisation.

G# = percentage share of CNX Nifty securities in total NSE Market Capitalisation.

H# = percentage share of CNX Nifty Junior securities in total NSE Market Capitalisation.

Source: BSE and NSE.

**Table 22: City-wise Distribution of Turnover on Cash Segments of BSE and NSE**

| S.No. | City         | (Percentage share in Turnover) |         |         |        | NSE     |         |         |        |
|-------|--------------|--------------------------------|---------|---------|--------|---------|---------|---------|--------|
|       |              | 2011-12                        | 2012-13 | 2013-14 | Oct-14 | 2011-12 | 2012-13 | 2013-14 | Oct-14 |
| 1     | 2            | 4                              | 5       | 5       | 6      | 7       | 8       | 9       | 10     |
| 1     | Ahmedabad    | 9.5                            | 8.0     | 5.5     | 3.9    | 6.1     | 3.8     | 3.5     | 2.7    |
| 2     | Bangalore    | 0.3                            | 0.3     | 0.3     | 0.3    | 0.5     | 0.3     | 1.7     | 4.0    |
| 3     | Baroda       | 0.8                            | 0.8     | 0.7     | 1.3    | 0.4     | 0.4     | 0.4     | 0.4    |
| 4     | Bhubaneshwar | 0.0                            | 0.0     | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0    |
| 5     | Chennai      | 0.4                            | 0.5     | 0.6     | 0.5    | 1.4     | 1.3     | 1.4     | 1.3    |
| 6     | Cochin       | 0.1                            | 0.1     | 0.2     | 0.2    | 1.7     | 1.3     | 1.4     | 1.4    |
| 7     | Coimbatore   | 0.0                            | 0.0     | 0.0     | 0.0    | 0.2     | 0.2     | 0.2     | 0.2    |
| 8     | Delhi        | 5.1                            | 4.6     | 4.4     | 3.0    | 8.4     | 7.5     | 9.4     | 10.3   |
| 9     | Guwahati     | 0.1                            | 0.1     | 0.1     | 0.1    | 0.0     | 0.0     | 0.0     | 0.0    |
| 10    | Hyderabad    | 0.3                            | 0.3     | 0.3     | 0.4    | 1.4     | 3.6     | 4.5     | 4.4    |
| 11    | Indore       | 0.4                            | 0.4     | 0.5     | 0.4    | 0.4     | 0.4     | 0.5     | 0.5    |
| 12    | Jaipur       | 0.9                            | 0.9     | 0.9     | 0.9    | 0.4     | 0.3     | 0.5     | 0.6    |
| 13    | Kanpur       | 0.7                            | 0.7     | 0.7     | 0.7    | 0.1     | 0.1     | 0.1     | 0.1    |
| 14    | Kolkata      | 5.0                            | 6.3     | 6.8     | 8.0    | 8.6     | 7.8     | 6.6     | 6.1    |
| 15    | Ludhiana     | 0.1                            | 0.1     | 0.1     | 0.1    | 0.1     | 0.1     | 0.1     | 0.1    |
| 16    | Mangalore    | 0.1                            | 0.1     | 0.0     | 0.0    | 0.0     | 0.0     | 0.0     | 0.0    |
| 17    | Mumbai       | 48.7                           | 51.7    | 56.9    | 54.0   | 60.4    | 63.8    | 59.2    | 57.9   |
| 18    | Patna        | 0.1                            | 0.1     | 0.1     | 0.1    | 0.0     | 0.0     | 0.0     | 0.0    |
| 19    | Pune         | 0.6                            | 0.6     | 0.5     | 0.5    | 0.2     | 0.2     | 0.2     | 0.2    |
| 20    | Rajkot       | 4.6                            | 4.0     | 3.3     | 3.3    | 1.4     | 1.0     | 1.0     | 1.3    |
| 21    | Others       | 22.0                           | 20.3    | 18.1    | 22.5   | 8.2     | 8.0     | 9.2     | 8.5    |
|       | Total        | 100.0                          | 100.0   | 100.0   | 100.0  | 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.

2. Na: Not Applicable

Source: BSE and NSE.

**Table 23: Categorywise Share of Turnover in Cash Segment of BSE**

| Month  | Percentage Share in Turnover |       |              |       |        |
|--------|------------------------------|-------|--------------|-------|--------|
|        | Proprietary                  | FII   | Mutual Funds | Banks | Others |
| Apr-13 | 25.80                        | 12.00 | 1.84         | 0.05  | 60.31  |
| May-13 | 19.27                        | 12.07 | 2.17         | 0.06  | 66.43  |
| Jun-13 | 20.03                        | 15.52 | 2.46         | 0.02  | 61.97  |
| Jul-13 | 21.20                        | 11.13 | 3.19         | 0.06  | 64.42  |
| Aug-13 | 21.97                        | 9.84  | 1.77         | 0.01  | 66.41  |
| Sep-13 | 21.87                        | 10.62 | 2.43         | 0.02  | 65.06  |
| Oct-13 | 21.71                        | 9.13  | 2.52         | 0.06  | 66.58  |
| Nov-13 | 20.66                        | 10.92 | 2.06         | 0.03  | 66.33  |
| Dec-13 | 18.56                        | 13.18 | 2.09         | 0.06  | 66.11  |
| Jan-14 | 21.73                        | 10.95 | 1.60         | 0.02  | 65.70  |
| Feb-14 | 19.10                        | 15.67 | 3.09         | 0.53  | 61.61  |
| Mar-14 | 17.02                        | 17.86 | 6.88         | 0.12  | 58.12  |
| Apr-14 | 20.93                        | 17.27 | 2.60         | 0.06  | 59.14  |
| May-14 | 21.92                        | 26.65 | 2.10         | 0.09  | 49.24  |
| Jun-14 | 21.93                        | 16.83 | 2.34         | 0.06  | 58.84  |
| Jul-14 | 20.34                        | 17.81 | 2.81         | 0.05  | 58.99  |
| Aug-14 | 20.12                        | 15.50 | 2.88         | 0.06  | 61.44  |
| Sep-14 | 19.75                        | 19.63 | 2.17         | 0.07  | 58.38  |
| Oct-14 | 20.48                        | 20.66 | 2.53         | 0.56  | 55.77  |

Source: BSE.

**Table 24: Categorywise Share of Turnover in Cash Segment of NSE**

| Month  | Percentage Share in Turnover |       |              |       |        |
|--------|------------------------------|-------|--------------|-------|--------|
|        | Proprietary                  | FII   | Mutual Funds | Banks | Others |
| Apr-13 | 24.28                        | 24.00 | 3.65         | 0.48  | 47.60  |
| May-13 | 22.31                        | 23.13 | 4.08         | 0.81  | 49.64  |
| Jun-13 | 22.72                        | 25.84 | 4.47         | 0.48  | 46.49  |
| Jul-13 | 23.78                        | 23.18 | 4.59         | 0.44  | 48.02  |
| Aug-13 | 24.98                        | 26.53 | 4.58         | 0.20  | 43.71  |
| Sep-13 | 23.54                        | 23.66 | 3.75         | 0.23  | 48.81  |
| Oct-13 | 23.37                        | 19.75 | 3.46         | 0.29  | 53.13  |
| Nov-13 | 22.90                        | 19.89 | 3.50         | 0.29  | 53.42  |
| Dec-13 | 21.14                        | 20.44 | 4.19         | 0.46  | 53.77  |
| Jan-14 | 21.56                        | 22.16 | 3.88         | 0.38  | 52.02  |
| Feb-14 | 20.40                        | 23.29 | 4.36         | 0.29  | 51.67  |
| Mar-14 | 21.16                        | 23.38 | 4.93         | 0.54  | 49.99  |
| Apr-14 | 22.19                        | 21.06 | 4.61         | 0.38  | 51.77  |
| May-14 | 22.74                        | 21.48 | 4.37         | 0.34  | 51.06  |
| Jun-14 | 22.70                        | 19.15 | 3.80         | 0.44  | 53.92  |
| Jul-14 | 22.12                        | 18.84 | 4.24         | 0.45  | 54.35  |
| Aug-14 | 20.37                        | 20.35 | 4.54         | 0.45  | 54.29  |
| Sep-14 | 20.80                        | 19.13 | 4.16         | 0.49  | 55.42  |
| Oct-14 | 20.47                        | 21.33 | 4.89         | 0.56  | 52.75  |

Source: NSE.

Table 25: Component Stocks: BSE S&amp;P Sensex during October 2014

| S.No. | Name of Security  | Issued Capital (₹ crore) | Free Float-Market Capitalisation (₹ crore) | Weightage (Percent) | Beta | R <sup>2</sup> | Daily Volatility (Percent) | Monthly Return (Percent) | Impact Cost (Percent) |
|-------|-------------------|--------------------------|--|---------------------|------|----------------|----------------------------|--------------------------|-----------------------|
| 1     | 2                 | 3                        | 4  | 5                   | 6    | 7              | 8                          | 9                        | 10                    |
| 1     | ITC LTD.          | 798                      | 1,98,460                                   | 8.04                | 0.51 | 0.11           | 1.27                       | -4.18                    | 0.06                  |
| 2     | INFOSYS LTD       | 287                      | 1,97,752                                   | 8.01                | 0.36 | 0.04           | 1.59                       | 8.11                     | 0.03                  |
| 3     | ICICI BANK        | 1,157                    | 1,88,130                                   | 7.62                | 1.67 | 0.57           | 1.84                       | 13.25                    | 0.04                  |
| 4     | RELIANCE          | 3,235                    | 1,77,761                                   | 7.20                | 1.26 | 0.52           | 1.46                       | 5.70                     | 0.03                  |
| 5     | HDFC BANK         | 483                      | 1,76,188                                   | 7.14                | 1.08 | 0.46           | 1.33                       | 4.67                     | 0.04                  |
| 6     | HDFC              | 314                      | 1,73,576                                   | 7.03                | 1.19 | 0.40           | 1.58                       | 5.07                     | 0.06                  |
| 7     | TCS LTD.          | 196                      | 1,53,048                                   | 6.20                | 0.45 | 0.05           | 1.63                       | -4.88                    | 0.04                  |
| 8     | LARSEN & TOU      | 186                      | 1,38,248                                   | 5.60                | 1.56 | 0.48           | 1.88                       | 13.54                    | 0.04                  |
| 9     | TATA MOTORS       | 539                      | 1,01,016                                   | 4.09                | 1.33 | 0.33           | 1.93                       | 6.54                     | 0.05                  |
| 10    | STATE BANK        | 747                      | 90,764                                     | 3.68                | 1.50 | 0.45           | 1.86                       | 10.62                    | 0.03                  |
| 11    | ONGC CORPN        | 4,278                    | 86,635                                     | 3.51                | 1.66 | 0.43           | 2.12                       | -0.99                    | 0.06                  |
| 12    | AXIS BANK LIMITED | 472                      | 77,657                                     | 3.15                | 2.13 | 0.03           | 10.52                      | 16.13                    | 0.07                  |
| 13    | SUN PHARMA.       | 207                      | 70,049                                     | 2.84                | 0.35 | 0.03           | 1.63                       | -1.37                    | 0.05                  |
| 14    | MAH & MAH         | 311                      | 60,715                                     | 2.46                | 0.85 | 0.18           | 1.68                       | -4.32                    | 0.08                  |
| 15    | HIND UNI LT       | 216                      | 55,901                                     | 2.26                | 0.33 | 0.05           | 1.28                       | -1.01                    | 0.08                  |
| 16    | BHARTI ARTL       | 1,999                    | 55,726                                     | 2.26                | 0.80 | 0.18           | 1.59                       | -1.47                    | 0.07                  |
| 17    | MARUTISUZUK       | 151                      | 45,380                                     | 1.84                | 1.02 | 0.23           | 1.77                       | 8.94                     | 0.06                  |
| 18    | WIPRO LTD.        | 494                      | 41,719                                     | 1.69                | 0.41 | 0.05           | 1.55                       | -5.52                    | 0.08                  |
| 19    | DR.REDDY'S        | 85                       | 40,381                                     | 1.64                | 0.15 | 0.01           | 1.40                       | -2.04                    | 0.08                  |
| 20    | HEROMOTOCO        | 40                       | 39,739                                     | 1.61                | 0.87 | 0.20           | 1.63                       | 7.73                     | 0.07                  |
| 21    | BAJAJ AUTO        | 289                      | 37,749                                     | 1.53                | 0.69 | 0.18           | 1.37                       | 11.07                    | 0.08                  |
| 22    | NTPC LTD          | 8,245                    | 37,092                                     | 1.50                | 0.88 | 0.13           | 2.00                       | 8.15                     | 0.09                  |
| 23    | COAL INDIA        | 6,316                    | 34,994                                     | 1.42                | 1.18 | 0.22           | 2.12                       | 8.20                     | 0.10                  |
| 24    | CIPLA LTD.        | 161                      | 34,816                                     | 1.41                | 0.48 | 0.07           | 1.54                       | 6.62                     | 0.07                  |
| 25    | TATA STEEL        | 971                      | 33,269                                     | 1.35                | 1.26 | 0.24           | 2.12                       | 6.54                     | 0.08                  |
| 26    | SSLT              | 296                      | 30,329                                     | 1.23                | 1.17 | 0.20           | 2.18                       | -6.16                    | 0.11                  |
| 27    | GAIL (I) LTD      | 1,268                    | 26,849                                     | 1.09                | 1.06 | 0.24           | 1.80                       | 17.89                    | 0.15                  |
| 28    | BHEL              | 490                      | 25,039                                     | 1.01                | 1.78 | 0.31           | 2.68                       | 27.27                    | 0.09                  |
| 29    | HINDALCO          | 206                      | 21,904                                     | 0.89                | 1.56 | 0.26           | 2.56                       | 4.08                     | 0.08                  |
| 30    | TATA POWER        | 270                      | 17,749                                     | 0.72                | 1.37 | 0.27           | 2.20                       | 12.95                    | 0.14                  |
| Total |                   |                          | 24,68,633                                  | 100.0               |      |                |                            |                          | 0.07                  |

- Notes:
1. Beta & R<sup>2</sup> are calculated for the period Nov'13 to Oct'14. 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<sup>2</sup>) 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 period Nov'13 to Oct'14.
  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 26: Component Stocks : CNX Nifty Index during October 2014

| S.<br>No.    | Name of Security                             | Issued<br>Capital<br>(₹ crore) | Free<br>Float<br>Market<br>Capitali-<br>sation (₹<br>crore) | Weight-<br>age (Per-<br>cent) | Beta | R <sup>2</sup> | Daily<br>Volatil-<br>ty (Per-<br>cent) | Monthly<br>Return<br>(Per-<br>cent) | Impact<br>Cost<br>(Per-<br>cent) |
|--------------|--|--------------------------------|---|-------------------------------|------|----------------|--|-------------------------------------|----------------------------------|
| 1            | 2  | 3                              | 4   | 5                             | 6    | 7              | 8                                      | 9                                   | 10                               |
| 1            | ITC Ltd.                                     | 797                            | 1,97,326  | 7.02                          | 0.49 | 0.10           | 1.08                                   | -4.05                               | 0.05                             |
| 2            | Infosys Ltd.                                 | 287                            | 1,95,565  | 6.96                          | 0.35 | 0.03           | 2.27                                   | 8.10                                | 0.03                             |
| 3            | ICICI Bank Ltd.                              | 1,157                          | 1,88,235  | 6.69                          | 1.70 | 0.58           | 1.38                                   | 13.47                               | 0.05                             |
| 4            | Housing Development Finance Corporation Ltd. | 314                            | 1,73,501  | 6.17                          | 1.17 | 0.38           | 1.89                                   | 4.80                                | 0.07                             |
| 5            | HDFC Bank Ltd.                               | 483                            | 1,70,480  | 6.06                          | 1.09 | 0.46           | 1.24                                   | 4.49                                | 0.06                             |
| 6            | Reliance Industries Ltd.                     | 3,234                          | 1,64,700  | 5.86                          | 1.26 | 0.51           | 1.51                                   | 5.80                                | 0.04                             |
| 7            | Larsen & Toubro Ltd.                         | 186                            | 1,35,152  | 4.81                          | 1.58 | 0.49           | 1.69                                   | 13.52                               | 0.05                             |
| 8            | Tata Consultancy Services Ltd.               | 196                            | 1,33,341  | 4.74                          | 0.45 | 0.05           | 2.37                                   | -4.70                               | 0.05                             |
| 9            | Tata Motors Ltd.                             | 547                            | 96,301  | 3.42                          | 1.28 | 0.31           | 2.24                                   | 6.71                                | 0.05                             |
| 10           | State Bank of India                          | 747                            | 83,547  | 2.97                          | 1.54 | 0.46           | 1.56                                   | 10.51                               | 0.04                             |
| 11           | Axis Bank Ltd.                               | 472                            | 73,428  | 2.61                          | 1.58 | 0.48           | 1.53                                   | 16.34                               | 0.06                             |
| 12           | Oil & Natural Gas Corporation Ltd.           | 4,278                          | 72,692  | 2.59                          | 1.65 | 0.40           | 2.00                                   | -0.83                               | 0.06                             |
| 13           | Sun Pharmaceutical Industries Ltd.           | 207                            | 63,643  | 2.26                          | 0.35 | 0.03           | 1.82                                   | -1.38                               | 0.06                             |
| 14           | Mahindra & Mahindra Ltd.                     | 311                            | 60,642  | 2.16                          | 0.81 | 0.15           | 2.19                                   | -4.01                               | 0.05                             |
| 15           | Bharti Airtel Ltd.                           | 1,999                          | 55,215  | 1.96                          | 0.80 | 0.17           | 1.54                                   | -1.55                               | 0.05                             |
| 16           | Hindustan Unilever Ltd.                      | 216                            | 52,306  | 1.86                          | 0.33 | 0.04           | 1.60                                   | -1.03                               | 0.06                             |
| 17           | Kotak Mahindra Bank Ltd.                     | 386                            | 47,773  | 1.70                          | 1.09 | 0.33           | 1.60                                   | 10.38                               | 0.07                             |
| 18           | Maruti Suzuki India Ltd.                     | 151                            | 44,149  | 1.57                          | 1.01 | 0.24           | 1.62                                   | 8.96                                | 0.05                             |
| 19           | HCL Technologies Ltd.                        | 140                            | 43,264  | 1.54                          | 0.43 | 0.04           | 2.88                                   | -6.20                               | 0.05                             |
| 20           | Dr. Reddy's Laboratories Ltd.                | 85                             | 40,218  | 1.43                          | 0.16 | 0.01           | 1.77                                   | -1.90                               | 0.05                             |
| 21           | Tech Mahindra Ltd.                           | 236                            | 37,849  | 1.35                          | 0.34 | 0.03           | 1.92                                   | 1.12                                | 0.05                             |
| 22           | Hero MotoCorp Ltd.                           | 40                             | 36,763  | 1.31                          | 0.90 | 0.21           | 1.61                                   | 7.91                                | 0.04                             |
| 23           | Wipro Ltd.                                   | 494                            | 36,942  | 1.31                          | 0.40 | 0.05           | 1.88                                   | -5.55                               | 0.05                             |
| 24           | Bajaj Auto Ltd.                              | 289                            | 35,040  | 1.25                          | 0.72 | 0.18           | 1.34                                   | 11.03                               | 0.06                             |
| 25           | Cipla Ltd.                                   | 161                            | 33,823  | 1.20                          | 0.49 | 0.07           | 1.93                                   | 6.34                                | 0.06                             |
| 26           | Lupin Ltd.                                   | 90                             | 32,740  | 1.16                          | 0.22 | 0.02           | 1.47                                   | -1.91                               | 0.06                             |
| 27           | Tata Steel Ltd.                              | 971                            | 32,668  | 1.16                          | 1.30 | 0.26           | 2.39                                   | 6.74                                | 0.05                             |
| 28           | Power Grid Corporation of India Ltd.         | 5,232                          | 32,116  | 1.14                          | 0.77 | 0.19           | 1.13                                   | 7.80                                | 0.05                             |
| 29           | IndusInd Bank Ltd.                           | 528                            | 31,015  | 1.10                          | 1.37 | 0.40           | 1.60                                   | 15.86                               | 0.06                             |
| 30           | NTPC Ltd.                                    | 8,246                          | 30,993  | 1.10                          | 0.90 | 0.14           | 1.29                                   | 7.91                                | 0.05                             |
| 31           | Sesa Sterlite Ltd.                           | 297                            | 30,042  | 1.07                          | 1.20 | 0.21           | 2.37                                   | -6.07                               | 0.08                             |
| 32           | Asian Paints Ltd.                            | 96                             | 29,750  | 1.06                          | 0.78 | 0.19           | 1.44                                   | 4.36                                | 0.06                             |
| 33           | UltraTech Cement Ltd.                        | 274                            | 26,083  | 0.93                          | 1.26 | 0.35           | 2.44                                   | -3.16                               | 0.06                             |
| 34           | GAIL (India) Ltd.                            | 1,269                          | 24,582  | 0.87                          | 1.05 | 0.23           | 1.60                                   | 17.65                               | 0.05                             |
| 35           | Coal India Ltd.                              | 6,316                          | 24,222  | 0.86                          | 1.18 | 0.21           | 1.34                                   | 8.55                                | 0.05                             |
| 36           | Bharat Heavy Electricals Ltd.                | 490                            | 23,209  | 0.83                          | 1.82 | 0.32           | 2.66                                   | 28.06                               | 0.06                             |
| 37           | Grasim Industries Ltd.                       | 919                            | 22,315  | 0.79                          | 1.08 | 0.30           | 1.77                                   | -1.14                               | 0.07                             |
| 38           | Hindalco Industries Ltd.                     | 207                            | 21,059  | 0.75                          | 1.60 | 0.27           | 3.29                                   | 4.43                                | 0.07                             |
| 39           | IDFC Ltd.                                    | 1,590                          | 20,572  | 0.73                          | 1.71 | 0.37           | 1.80                                   | 13.88                               | 0.06                             |
| 40           | Bharat Petroleum Corporation Ltd.            | 723                            | 18,729  | 0.67                          | 1.55 | 0.34           | 1.74                                   | 10.58                               | 0.06                             |
| 41           | Zee Entertainment Enterprises Ltd.           | 96                             | 18,823  | 0.67                          | 0.64 | 0.08           | 1.88                                   | 9.58                                | 0.06                             |
| 42           | Ambuja Cements Ltd.                          | 310                            | 17,474  | 0.62                          | 1.51 | 0.44           | 1.50                                   | 6.53                                | 0.06                             |
| 43           | Bank of Baroda                               | 429                            | 17,460  | 0.62                          | 1.72 | 0.39           | 1.35                                   | 3.01                                | 0.06                             |
| 44           | Tata Power Co. Ltd.                          | 271                            | 16,996  | 0.60                          | 1.41 | 0.28           | 1.90                                   | 13.00                               | 0.06                             |
| 45           | Cairn India Ltd.                             | 1,875                          | 16,183  | 0.58                          | 0.79 | 0.19           | 2.38                                   | -8.56                               | 0.04                             |
| 46           | ACC Ltd.                                     | 188                            | 14,024  | 0.50                          | 1.29 | 0.40           | 1.41                                   | 7.12                                | 0.06                             |
| 47           | Punjab National Bank                         | 362                            | 13,861  | 0.49                          | 1.73 | 0.39           | 1.59                                   | 4.91                                | 0.06                             |
| 48           | NMDC Ltd.                                    | 397                            | 13,548  | 0.48                          | 0.98 | 0.18           | 2.02                                   | 3.33                                | 0.06                             |
| 49           | Jindal Steel & Power Ltd.                    | 92                             | 5,860   | 0.21                          | 1.47 | 0.17           | 4.76                                   | -6.37                               | 0.08                             |
| 50           | DLF Ltd.                                     | 356                            | 5,575   | 0.20                          | 2.03 | 0.22           | 7.78                                   | -17.30                              | 0.09                             |
| <b>Total</b> |  |                                | <b>28,11,794</b>  | <b>100.0</b>                  |      |                |  |                                     | <b>0.05</b>                      |

- Notes: 1. Beta & R<sup>2</sup> are calculated for the period Nov'13 to Oct'14. 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<sup>2</sup>) 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 period Nov'13 to Oct'14.
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: NSE.

**Table 27: Advances/Declines in Cash Segment of BSE, NSE (No. of Securities)**

| Month  | BSE      |          |                         | NSE      |          |                         |
|--------|----------|----------|-------------------------|----------|----------|-------------------------|
|        | Advances | Declines | Advance / Decline Ratio | Advances | Declines | Advance / Decline Ratio |
| 1      | 2        | 3        | 4                       | 5        | 6        | 7                       |
| Apr-13 | 1,184    | 2,196    | 0.5                     | 521      | 1,045    | 0.5                     |
| May-13 | 1,638    | 1,613    | 1.0                     | 729      | 594      | 1.2                     |
| Jun-13 | 933      | 2,245    | 0.4                     | 242      | 1,081    | 0.2                     |
| Jul-13 | 1,156    | 2,006    | 0.6                     | 427      | 901      | 0.5                     |
| Aug-13 | 823      | 2,347    | 0.4                     | 175      | 1,021    | 0.2                     |
| Sep-13 | 1,819    | 1,371    | 1.3                     | 835      | 360      | 2.3                     |
| Oct-13 | 2,012    | 1,245    | 1.6                     | 916      | 273      | 3.4                     |
| Nov-13 | 1,954    | 1,328    | 1.5                     | 820      | 354      | 2.3                     |
| Dec-13 | 1,819    | 1,470    | 1.2                     | 757      | 423      | 1.8                     |
| Jan-14 | 1,978    | 892      | 2.2                     | 660      | 515      | 1.3                     |
| Feb-14 | 897      | 1,810    | 0.5                     | 382      | 1,138    | 0.3                     |
| Mar-14 | 1,655    | 1,367    | 1.2                     | 968      | 556      | 1.7                     |
| Apr-14 | 2,439    | 1,039    | 2.3                     | 1,316    | 219      | 6.0                     |
| May-14 | 2,478    | 1,033    | 2.4                     | 1,241    | 306      | 4.1                     |
| Jun-14 | 3,013    | 559      | 5.4                     | 1,432    | 118      | 12.1                    |
| Jul-14 | 2,082    | 1,506    | 1.4                     | 894      | 654      | 1.4                     |
| Aug-14 | 1,546    | 2,026    | 0.8                     | 639      | 953      | 0.7                     |
| Sep-14 | 2,351    | 1,249    | 1.9                     | 1,121    | 468      | 2.4                     |
| Oct-14 | 1,431    | 2,177    | 0.7                     | 516      | 1,071    | 0.5                     |

Notes: 1. Advance/Decline is calculated based on the average price methodology.

Source: BSE and NSE

**Table 28: Trading Frequency in Cash Segment of BSE and NSE**

| Month  | BSE                                    |                         |  | NSE                                    |                         |  |
|--------|--|-------------------------|--|--|-------------------------|--|
|        | No. of Companies Available for Trading | No. of Companies Traded | Percent of Traded to Available for Trading | No. of Companies Available for Trading | No. of Companies Traded | Percent of Traded to Available for Trading |
| 1      | 2                                      | 3                       | 4  | 5                                      | 6                       | 7  |
| Apr-13 | 5,317                                  | 2,447                   | 46.0                                       | 1,746                                  | 1,536                   | 88.0                                       |
| May-13 | 5,323                                  | 2,464                   | 46.3                                       | 1,748                                  | 1,521                   | 87.0                                       |
| Jun-13 | 5,334                                  | 2,478                   | 46.5                                       | 1,749                                  | 1,509                   | 86.3                                       |
| Jul-13 | 5,341                                  | 2,339                   | 43.8                                       | 1,748                                  | 1,516                   | 86.7                                       |
| Aug-13 | 5,349                                  | 2,372                   | 44.3                                       | 1,748                                  | 1,519                   | 86.9                                       |
| Sep-13 | 5,359                                  | 2,389                   | 44.6                                       | 1,748                                  | 1,511                   | 86.4                                       |
| Oct-13 | 5,369                                  | 2,621                   | 48.8                                       | 1,750                                  | 1,521                   | 86.9                                       |
| Nov-13 | 5,378                                  | 2,636                   | 49.0                                       | 1,754                                  | 1,525                   | 86.9                                       |
| Dec-13 | 5,386                                  | 2,682                   | 49.8                                       | 1,754                                  | 1,535                   | 87.5                                       |
| Jan-14 | 5,397                                  | 2,691                   | 50.7                                       | 1,757                                  | 1,536                   | 87.4                                       |
| Feb-14 | 5,411                                  | 2,791                   | 52.5                                       | 1,758                                  | 1,528                   | 86.9                                       |
| Mar-14 | 5,336                                  | 2,841                   | 53.2                                       | 1,763                                  | 1,540                   | 87.4                                       |
| Apr-14 | 5,355                                  | 2,877                   | 53.7                                       | 1,587                                  | 1,551                   | 97.7                                       |
| May-14 | 5,379                                  | 3,086                   | 57.4                                       | 1,588                                  | 1,551                   | 97.7                                       |
| Jun-14 | 5,406                                  | 3,135                   | 58.0                                       | 1,588                                  | 1,556                   | 98.0                                       |
| Jul-14 | 5,433                                  | 3,022                   | 55.6                                       | 1,594                                  | 1,555                   | 97.6                                       |
| Aug-14 | 5,458                                  | 3,032                   | 55.6                                       | 1,589                                  | 1,554                   | 97.8                                       |
| Sep-14 | 5,476                                  | 2,984                   | 54.5                                       | 1,587                                  | 1,555                   | 98.0                                       |
| Oct-14 | 5,498                                  | 3,023                   | 55.0                                       | 1,597                                  | 1,555                   | 97.4                                       |

Source: BSE and NSE

**Table 29: Volatility of Major Indices**

(Percent)

| Year/<br>Month | BSE S&P Sensex | BSE S&P 100<br>Index | BSE S&P 500 | CNX Nifty | CNX Nifty<br>Junior | CNX 500 |
|----------------|----------------|----------------------|-------------|-----------|---------------------|---------|
| 1              | 2              | 3                    | 4           | 5         | 6                   | 7       |
| 2007-08        | 1.9            | 2.0                  | 2.0         | 2.0       | 2.4                 | 2.0     |
| 2008-09        | 2.8            | 2.7                  | 2.6         | 2.7       | 2.8                 | 2.5     |
| 2009-10        | 1.9            | 1.8                  | 1.8         | 1.9       | 2.0                 | 1.8     |
| 2010-11        | 1.1            | 1.1                  | 1.1         | 1.1       | 1.1                 | 1.0     |
| 2011-12        | 1.3            | 1.3                  | 1.2         | 1.3       | 1.3                 | 1.2     |
| 2012-13        | 0.8            | 0.9                  | 0.8         | 0.9       | 0.8                 | 0.8     |
| 2013-14        | 1.1            | 1.1                  | 1.0         | 1.1       | 1.1                 | 1.1     |
| 2014-15\$      | 0.8            | 0.9                  | 0.9         | 0.8       | 1.2                 | 0.9     |
| Apr-14         | 0.7            | 0.7                  | 0.7         | 0.7       | 0.9                 | 0.7     |
| May-14         | 0.9            | 0.9                  | 0.9         | 1.0       | 1.4                 | 1.0     |
| Jun-14         | 0.9            | 0.9                  | 0.9         | 0.9       | 1.2                 | 0.9     |
| Jul-14         | 0.8            | 0.9                  | 0.9         | 0.8       | 1.4                 | 0.9     |
| Aug-14         | 0.8            | 0.8                  | 0.8         | 0.6       | 0.9                 | 0.7     |
| Sep-14         | 0.8            | 0.9                  | 0.9         | 0.8       | 1.1                 | 0.9     |
| Oct-14         | 0.9            | 1.0                  | 1.0         | 0.9       | 1.2                 | 0.9     |

Notes: 1. Volatility is calculated as the standard deviation of the natural log of daily returns in indices for the respective period.

\$ indicates as on October 31, 2014.

Source: BSE and NSE.

**Table 30: Percentage Share of Top 'N' Securities/Members in Turnover in Cash Segment**

(Percent)

| Year/ Month | BSE  |      |      |      |      | NSE  |      |      |      |      |
|-------------|------|------|------|------|------|------|------|------|------|------|
|             | Top  | 5    | 10   | 25   | 50   | 100  | 5    | 10   | 25   | 50   |
| 1           | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   |
| Securities  |      |      |      |      |      |      |      |      |      |      |
| 2008-09     | 18.5 | 29.6 | 49.0 | 66.0 | 79.6 | 20.5 | 32.6 | 56.4 | 74.7 | 87.7 |
| 2009-10     | 15.3 | 22.2 | 35.3 | 47.8 | 62.4 | 13.7 | 23.0 | 41.0 | 58.5 | 74.4 |
| 2010-11     | 10.2 | 15.1 | 25.9 | 37.3 | 51.5 | 15.3 | 23.0 | 38.7 | 53.6 | 68.9 |
| 2011-12     | 16.6 | 25.3 | 40.1 | 54.2 | 69.1 | 17.2 | 27.1 | 44.3 | 59.8 | 75.7 |
| 2012-13     | 13.0 | 20.6 | 33.8 | 46.3 | 60.6 | 16.2 | 26.2 | 44.3 | 60.5 | 76.8 |
| 2013-14     | 13.9 | 21.9 | 38.0 | 52.9 | 67.8 | 15.3 | 26.2 | 46.6 | 64.9 | 82.0 |
| Apr-14      | 13.5 | 20.8 | 35.8 | 50.6 | 65.7 | 12.5 | 21.9 | 40.6 | 59.3 | 77.4 |
| May-14      | 20.8 | 27.2 | 40.7 | 54.1 | 67.8 | 12.5 | 20.7 | 39.6 | 58.3 | 76.8 |
| Jun-14      | 11.5 | 17.7 | 30.6 | 43.9 | 59.4 | 10.5 | 19.1 | 36.7 | 53.9 | 73.2 |
| Jul-14      | 12.4 | 21.0 | 35.0 | 47.8 | 62.1 | 10.4 | 17.8 | 35.6 | 55.0 | 74.3 |
| Aug-14      | 11.0 | 17.0 | 29.5 | 41.7 | 56.5 | 11.4 | 19.9 | 35.4 | 53.8 | 73.5 |
| Sep-14      | 12.7 | 19.4 | 31.2 | 43.6 | 57.9 | 10.3 | 17.5 | 32.1 | 48.5 | 68.4 |
| Oct-14      | 15.1 | 22.6 | 35.2 | 47.0 | 61.6 | 13.8 | 21.9 | 38.2 | 54.8 | 74.9 |
| Members     |      |      |      |      |      |      |      |      |      |      |
| 2008-09     | 14.3 | 21.7 | 38.2 | 55.8 | 73.3 | 13.6 | 23.6 | 43.6 | 61.2 | 75.4 |
| 2009-10     | 13.3 | 21.1 | 37.3 | 53.3 | 71.5 | 14.9 | 24.0 | 41.8 | 57.8 | 72.6 |
| 2010-11     | 13.3 | 21.6 | 36.6 | 51.9 | 70.2 | 14.3 | 23.8 | 42.9 | 58.6 | 73.0 |
| 2011-12     | 15.1 | 24.5 | 40.0 | 55.0 | 72.4 | 14.8 | 25.3 | 46.3 | 62.2 | 77.0 |
| 2012-13     | 14.5 | 22.3 | 38.5 | 54.7 | 71.5 | 14.3 | 24.7 | 46.7 | 63.1 | 77.2 |
| 2013-14     | 16.4 | 24.6 | 40.9 | 57.7 | 73.7 | 13.9 | 24.9 | 45.9 | 63.7 | 78.8 |
| Apr-14      | 16.4 | 27.3 | 45.5 | 62.6 | 77.9 | 14.7 | 25.4 | 45.4 | 63.5 | 79.4 |
| May-14      | 20.4 | 33.2 | 52.8 | 67.7 | 81.0 | 14.4 | 25.2 | 47.7 | 65.2 | 80.4 |
| Jun-14      | 19.6 | 28.5 | 46.1 | 62.9 | 77.7 | 14.5 | 24.7 | 46.3 | 63.4 | 78.6 |
| Jul-14      | 20.9 | 31.7 | 47.9 | 64.1 | 78.3 | 15.3 | 26.1 | 46.8 | 63.9 | 78.9 |
| Aug-14      | 18.7 | 28.8 | 46.3 | 62.1 | 76.5 | 15.2 | 26.3 | 47.9 | 64.5 | 79.0 |
| Sep-14      | 18.3 | 29.5 | 48.3 | 63.6 | 77.6 | 15.0 | 25.5 | 46.2 | 63.3 | 78.4 |
| Oct-14      | 18.3 | 28.5 | 48.0 | 63.9 | 78.1 | 15.2 | 25.7 | 48.1 | 65.3 | 79.8 |

Notes: 1. Cash segment of MCX-SX commenced its operations from Feb 11, 2013.

2. Data for Top N scrips has been compiled for all markets except Auction market &amp; Retail Debt Market and includes series EQ, BE,BT, BL and IL.

3. Na: Not Applicable

\$ indicates as on October 31, 2014.

Source: BSE and NSE



Table 33: Equity Derivatives Segment at BSE (Turnover in Notional Value)

| Year/<br>Month | No. of<br>Trading<br>Days | Index Futures       |                       | Stock Futures       |                       | Index Options       |                       |                     | Stock Options         |                     |                       | Total    | Open Interest at the<br>end of month |
|----------------|---------------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|----------|--------------------------------------|
|                |                           | No. of<br>Contracts | Turnover<br>(₹ crore) |          |                                      |
| 1              | 2                         | 3                   | 4                     | 5                   | 6                     | 7                   | 8                     | 9                   | 10                    | 11                  | 12                    | 13       | 14                                   |
| 2008-09        | 243                       | 4,95,830            | 11,757                | 299                 | 9                     | 251                 | 6                     | 122                 | 3                     | 0                   | 0                     | 0        | 0                                    |
| 2009-10        | 244                       | 3,744               | 96                    | 0                   | 5,276                 | 138                 | 0                     | 0                   | 0                     | 0                   | 0                     | 9,026    | 234                                  |
| 2010-11        | 254                       | 5,613               | 154                   | 0                   | 0                     | 0                   | 10                    | 0                   | 0                     | 0                   | 0                     | 5,623    | 154                                  |
| 2011-12        | 249                       | 70,73,334           | 1,78,449              | 3,26,342            | 10,216                | 72,06,514           | 2,00,090              | 1,75,69,130         | 4,18,253              | 39,848              | 1,277                 | 7,657    | 192                                  |
| 2012-13        | 249                       | 47,04,602           | 1,22,374              | 1,16,933            | 3,418                 | 11,63,24,195        | 32,30,232             | 14,09,09,766        | 37,97,249             | 1,78,313            | 5,186                 | 2,09,557 | 5,060                                |
| 2013-14        | 251                       | 21,36,269           | 63,374                | 18,99,603           | 54,609                | 18,26,85,908        | 57,05,317             | 11,36,74,567        | 33,49,884             | 6,67,365            | 22,186                | 8,77,405 | 23,945                               |
| 2014-15\$      | 141                       | 7,57,141            | 28,629                | 1,95,305            | 6,461                 | 14,85,52,941        | 59,69,127             | 14,82,28,918        | 56,10,946             | 17,72,248           | 6,971                 | 2,85,258 | 9,532                                |
| Apr-14         | 18                        | 1,25,802            | 4,281                 | 82,783              | 2,746                 | 64,35,861           | 2,27,636              | 85,10,429           | 2,77,370              | 4,937               | 214                   | 8,098    | 245                                  |
| May-14         | 21                        | 88,483              | 3,157                 | 74,143              | 2,367                 | 16,72,964           | 64,180                | 64,65,846           | 2,27,218              | 7,880               | 300                   | 23,793   | 795                                  |
| Jun-14         | 21                        | 1,44,469            | 5,469                 | 4,594               | 154                   | 2,00,26,332         | 7,80,655              | 3,18,74,781         | 11,77,271             | 20,346              | 908                   | 40,483   | 1,429                                |
| Jul-14         | 22                        | 1,37,732            | 5,315                 | 6,899               | 242                   | 3,39,99,918         | 13,56,199             | 2,35,44,196         | 8,89,567              | 34,189              | 1,415                 | 47,033   | 1,652                                |
| Aug-14         | 19                        | 86,504              | 3,383                 | 6,346               | 215                   | 2,80,32,844         | 11,29,760             | 2,17,26,885         | 8,35,210              | 26,604              | 1,085                 | 50,735   | 1,766                                |
| Sep-14         | 22                        | 94,154              | 3,807                 | 10,482              | 380                   | 3,52,12,609         | 14,58,632             | 2,55,89,757         | 10,08,200             | 44,586              | 1,733                 | 62,492   | 1,958                                |
| Oct-14         | 18                        | 79,997              | 3,217                 | 10,058              | 357                   | 2,31,72,413         | 9,52,665              | 3,05,17,024         | 11,96,111             | 38,706              | 1,317                 | 52,624   | 1,688                                |

Note: 1. Notional Turnover = (Strike Price + Premium) \* Quantity.

\$ indicates as on October 31, 2014.

Source: BSE.

Table 34: Equity Derivatives Segment at NSE (Turnover in Notional Value)

| Year/<br>Month | No. of<br>Trading<br>Days | Index Futures       |                       | Stock Futures       |                       | Index Options       |                       |                     | Stock Options       |                       |                     | Total       | Open Interest at the<br>end of month |
|----------------|---------------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|---------------------|-----------------------|---------------------|-------------|--------------------------------------|
|                |                           | No. of<br>Contracts | Turnover<br>(₹ crore) | No. of<br>Contracts | Turnover<br>(₹ crore) | No. of<br>Contracts | Turnover<br>(₹ crore) | No. of<br>Contracts | No. of<br>Contracts | Turnover<br>(₹ crore) | No. of<br>Contracts |             |                                      |
| 1              | 2                         | 3                   | 4                     | 5                   | 6                     | 7                   | 8                     | 9                   | 10                  | 11                    | 12                  | 13          | 14                                   |
| 2008-09        | 243                       | 21,04,28,103        | 35,70,111             | 22,15,77,980        | 34,79,642             | 11,04,31,974        | 20,02,544             | 10,16,56,470        | 17,28,557           | 97,62,968             | 1,71,843            | 35,33,002   | 57,384                               |
| 2009-10        | 244                       | 17,83,06,889        | 39,34,389             | 14,55,91,240        | 51,95,247             | 16,76,83,928        | 40,49,266             | 17,36,95,595        | 39,78,699           | 1,06,14,147           | 3,89,158            | 34,02,123   | 1,16,907                             |
| 2010-11        | 254                       | 16,50,23,653        | 43,56,755             | 18,60,41,459        | 54,95,757             | 31,45,53,244        | 90,90,702             | 33,61,05,313        | 92,74,664           | 2,42,73,560           | 7,77,109            | 82,34,833   | 2,53,235                             |
| 2011-12        | 249                       | 14,61,88,740        | 35,77,998             | 15,83,44,617        | 40,74,671             | 42,80,34,677        | 1,15,54,301           | 43,59,83,059        | 1,11,65,731         | 2,45,65,283           | 6,71,770            | 1,19,29,088 | 3,05,261                             |
| 2012-13        | 249                       | 9,61,00,385         | 25,27,131             | 14,77,11,691        | 42,23,872             | 40,85,30,477        | 1,15,81,485           | 41,23,46,672        | 1,12,00,089         | 4,24,99,219           | 13,02,779           | 2,42,78,974 | 6,97,648                             |
| 2013-14        | 251                       | 10,52,70,529        | 30,85,297             | 17,04,14,186        | 49,49,282             | 45,20,47,068        | 1,38,23,059           | 47,65,18,107        | 1,39,44,282         | 5,03,00,025           | 15,43,894           | 2,98,74,406 | 8,65,594                             |
| 2014-15\$      | 141                       | 5,85,73,162         | 22,07,558             | 12,86,14,826        | 48,87,401             | 27,21,94,263        | 1,05,92,529           | 26,30,60,399        | 97,99,790           | 3,34,32,349           | 13,19,272           | 1,62,76,143 | 5,99,025                             |
| Apr-14         | 18                        | 65,61,718           | 2,20,292              | 1,46,84,079         | 5,41,363              | 2,43,08,260         | 8,41,842              | 2,69,27,791         | 8,89,742            | 38,34,234             | 1,49,891            | 18,90,378   | 68,024                               |
| May-14         | 21                        | 1,06,06,833         | 3,83,587              | 2,25,71,501         | 8,08,882              | 3,92,76,005         | 14,82,882             | 3,22,15,520         | 11,21,082           | 50,74,172             | 1,89,334            | 24,96,110   | 86,386                               |
| Jun-14         | 21                        | 89,61,673           | 3,39,666              | 2,14,79,352         | 8,34,723              | 3,93,86,497         | 15,23,445             | 3,71,62,670         | 13,74,368           | 52,90,089             | 2,13,745            | 21,76,410   | 82,241                               |
| Jul-14         | 22                        | 95,54,373           | 3,66,322              | 2,06,23,544         | 8,04,572              | 4,54,55,235         | 17,91,155             | 4,26,65,214         | 16,05,395           | 50,86,637             | 2,05,523            | 24,07,827   | 91,008                               |
| Aug-14         | 19                        | 73,70,447           | 2,86,261              | 1,57,50,587         | 6,09,162              | 3,82,46,760         | 15,21,659             | 3,86,75,751         | 14,86,726           | 42,21,191             | 1,68,328            | 21,88,275   | 82,712                               |
| Sep-14         | 22                        | 82,75,270           | 3,32,662              | 1,85,98,889         | 7,34,203              | 4,61,52,041         | 18,93,485             | 4,60,23,582         | 18,31,347           | 52,67,835             | 2,12,052            | 26,22,800   | 98,536                               |
| Oct-14         | 18                        | 72,42,848           | 2,78,779              | 1,49,06,874         | 5,54,556              | 3,93,69,465         | 15,38,062             | 3,93,89,871         | 14,91,130           | 46,58,191             | 1,80,100            | 24,94,343   | 90,118                               |

Note: 1. Notional Turnover = (Strike Price + Premium) \* Quantity.

\$ indicates as on October 31, 2014.

Source: NSE.

Table 35: Equity Derivatives Trading at BSE during October 2014 (Turnover in Notional Value)

| Date      | Index Futures    |                                     |                                     |                                     | Stock Futures |          |                            |                            | Index Options |      |                            |                            | Stock Options      |                          |                  |                  | Total Turnover     |                          |  |  | Open Interest at the end of the day<br>(₹ crore) |
|-----------|------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------|----------|----------------------------|----------------------------|---------------|------|----------------------------|----------------------------|--------------------|--------------------------|------------------|------------------|--------------------|--------------------------|--|--|--|
|           | No. of Contracts | No. of Turnover Contracts (₹ crore) | No. of Turnover Contracts (₹ crore) | No. of Turnover Contracts (₹ crore) | Calls         | Puts     | No. of Contracts (₹ crore) | No. of Contracts (₹ crore) | Calls         | Puts | No. of Contracts (₹ crore) | No. of Contracts (₹ crore) | Turnover (₹ crore) | Total Turnover (₹ crore) | No. of Contracts | No. of Contracts | Turnover (₹ crore) | Total Turnover (₹ crore) |  |  |  |
| 1-Oct-14  | 2                | 3                                   | 4                                   | 5                                   | 6             | 7        | 8                          | 9                          | 10            | 11   | 12                         | 13                         | 14                 | 15                       | 16               | 17               |                    |                          |  |  |  |
| 1-Oct-14  | 6,060            | 243                                 | 903                                 | 35                                  | 1,819         | 73       | 9,42,041                   | 37,044                     | 828           | 36   | 5,706                      | 201                        | 9,57,257           | 37,633                   | 29,287           | 1,141            |                    |                          |  |  |  |
| 7-Oct-14  | 4,316            | 172                                 | 391                                 | 14                                  | 6,78,629      | 27,762   | 952                        | 39                         | 223           | 9    | 96                         | 2                          | 6,84,607           | 27,997                   | 22,863           | 893              |                    |                          |  |  |  |
| 8-Oct-14  | 3,439            | 136                                 | 346                                 | 12                                  | 18,137        | 735      | 8,46,943                   | 32,768                     | 637           | 20   | 324                        | 11                         | 8,69,826           | 33,683                   | 23,610           | 917              |                    |                          |  |  |  |
| 9-Oct-14  | 5,377            | 215                                 | 463                                 | 16                                  | 8,089         | 327      | 14,50,560                  | 55,978                     | 7,574         | 252  | 11,225                     | 362                        | 14,83,288          | 57,151                   | 41,997           | 1,523            |                    |                          |  |  |  |
| 10-Oct-14 | 4,554            | 181                                 | 475                                 | 18                                  | 11,78,112     | 48,140   | 3,587                      | 142                        | 667           | 23   | 841                        | 23                         | 11,88,236          | 48,526                   | 22,726           | 890              |                    |                          |  |  |  |
| 13-Oct-14 | 2,878            | 114                                 | 302                                 | 12                                  | 4,05,509      | 16,369   | 6,30,421                   | 24,360                     | 2,175         | 72   | 1,267                      | 32                         | 10,42,552          | 40,958                   | 23,256           | 908              |                    |                          |  |  |  |
| 14-Oct-14 | 5,813            | 231                                 | 404                                 | 15                                  | 8,02,427      | 32,709   | 4,40,669                   | 17,205                     | 1,827         | 60   | 1,179                      | 35                         | 12,52,319          | 50,255                   | 24,281           | 928              |                    |                          |  |  |  |
| 16-Oct-14 | 3,971            | 157                                 | 266                                 | 10                                  | 10,70,198     | 43,517   | 78,586                     | 3,073                      | 8,658         | 288  | 9,860                      | 341                        | 11,71,539          | 47,385                   | 41,058           | 1,484            |                    |                          |  |  |  |
| 17-Oct-14 | 3,098            | 122                                 | 438                                 | 15                                  | 33,746        | 1,352    | 8,95,934                   | 34,358                     | 191           | 9    | 726                        | 20                         | 9,34,133           | 35,876                   | 24,470           | 946              |                    |                          |  |  |  |
| 20-Oct-14 | 2,709            | 108                                 | 583                                 | 21                                  | 564           | 23       | 21,78,359                  | 83,888                     | 874           | 28   | 1,079                      | 31                         | 21,84,168          | 84,099                   | 25,138           | 982              |                    |                          |  |  |  |
| 21-Oct-14 | 3,708            | 148                                 | 507                                 | 19                                  | 3,559         | 144      | 29,41,075                  | 1,14,105                   | 1,430         | 49   | 1,097                      | 28                         | 29,51,376          | 1,14,493                 | 26,584           | 1,046            |                    |                          |  |  |  |
| 22-Oct-14 | 5,988            | 242                                 | 384                                 | 14                                  | 17,645        | 723      | 47,35,596                  | 1,85,034                   | 4,300         | 156  | 5,243                      | 189                        | 47,69,156          | 1,86,359                 | 36,377           | 1,409            |                    |                          |  |  |  |
| 23-Oct-14 | 6,850            | 277                                 | 67                                  | 2                                   | 65,881        | 2,704    | 1,67,690                   | 6,602                      | 0             | 0    | 0                          | 0                          | 2,40,488           | 9,586                    | 25,615           | 1,023            |                    |                          |  |  |  |
| 27-Oct-14 | 2,845            | 115                                 | 268                                 | 10                                  | 29,72,956     | 1,22,334 | 7,00,120                   | 27,692                     | 447           | 19   | 847                        | 20                         | 36,77,483          | 1,50,189                 | 25,809           | 1,020            |                    |                          |  |  |  |
| 28-Oct-14 | 2,821            | 114                                 | 609                                 | 17                                  | 76,78,812     | 3,15,361 | 13,52,662                  | 53,361                     | 1,318         | 50   | 1,295                      | 32                         | 90,37,517          | 3,68,935                 | 26,699           | 1,063            |                    |                          |  |  |  |
| 29-Oct-14 | 2,643            | 107                                 | 1,277                               | 45                                  | 89,605        | 3,705    | 85,50,139                  | 3,36,614                   | 1,448         | 47   | 1,423                      | 42                         | 86,46,535          | 3,40,561                 | 28,065           | 1,113            |                    |                          |  |  |  |
| 30-Oct-14 | 6,777            | 278                                 | 1,762                               | 61                                  | 81,19,043     | 3,35,518 | 35,36,355                  | 1,40,766                   | 5,446         | 182  | 9,802                      | 301                        | 1,16,79,185        | 4,77,104                 | 41,850           | 1,585            |                    |                          |  |  |  |
| 31-Oct-14 | 6,150            | 257                                 | 613                                 | 19                                  | 27,682        | 1,171    | 10,65,335                  | 43,081                     | 663           | 19   | 614                        | 18                         | 11,01,057          | 44,565                   | 23,163           | 946              |                    |                          |  |  |  |

Notes: 1. Index Futures, Index Options, Stock Options and Stock Futures were introduced in October 2000, October 2001, October 2001 & November 2001, respectively.

2. Open interest value is computed as Underlying close price\* Quantity.

3. Notional Turnover = (Strike Price + Premium) \* Quantity.

Source : BSE.



**Table 38: Categorywise 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 |
| Apr-14 | 96.7                         | 0.0 | 0.0          | 0.0   | 3.3    | 21.9                              | 0.0 | 0.0          | 0.0   | 78.1   |
| May-14 | 89.2                         | 0.0 | 0.0          | 0.0   | 10.8   | 26.5                              | 0.0 | 0.0          | 0.0   | 73.5   |
| Jun-14 | 85.0                         | 0.0 | 0.0          | 0.0   | 15.0   | 42.2                              | 0.0 | 0.0          | 0.0   | 57.8   |
| Jul-14 | 84.9                         | 0.0 | 0.0          | 0.0   | 15.1   | 38.6                              | 0.0 | 0.0          | 0.0   | 61.4   |
| Aug-14 | 80.3                         | 0.0 | 0.0          | 0.0   | 19.7   | 23.7                              | 0.0 | 0.0          | 0.0   | 76.3   |
| Sep-14 | 86.6                         | 0.0 | 0.0          | 0.0   | 13.4   | 62.6                              | 0.0 | 0.0          | 0.0   | 37.4   |
| Oct-14 | 68.2                         | 0.2 | 0.0          | 0.0   | 31.6   | 72.1                              | 4.2 | 0.0          | 0.0   | 23.8   |

Source: BSE.

**Table 39: Categorywise 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 |
| Apr-14 | 47.7                         | 13.8 | 0.2          | 0.0   | 38.3   | 17.3                              | 37.6 | 4.5          | 0.0   | 40.7   |
| May-14 | 49.4                         | 14.2 | 0.2          | 0.0   | 36.3   | 15.2                              | 36.1 | 3.9          | 0.0   | 44.7   |
| Jun-14 | 50.4                         | 11.6 | 0.2          | 0.0   | 37.7   | 14.7                              | 37.1 | 4.2          | 0.0   | 44.0   |
| Jul-14 | 52.4                         | 11.2 | 0.2          | 0.0   | 36.2   | 13.1                              | 38.3 | 5.9          | 0.0   | 42.7   |
| Aug-14 | 52.1                         | 10.5 | 0.3          | 0.0   | 37.1   | 13.4                              | 34.7 | 6.8          | 0.0   | 45.1   |
| Sep-14 | 51.6                         | 11.0 | 0.3          | 0.0   | 37.1   | 14.8                              | 32.8 | 6.0          | 0.0   | 46.5   |
| Oct-14 | 51.6                         | 10.3 | 0.3          |       | 37.8   | 16.2                              | 32.2 | 6.0          | 0.0   | 45.6   |

Source: NSE.

**Table 40: Instrumentwise Turnover in Index Derivatives at BSE**

| Month  | Turnover (in Percentage) |            |                     |                |        |                         |                     |                        |                  |
|--------|--------------------------|------------|---------------------|----------------|--------|-------------------------|---------------------|------------------------|------------------|
|        | BSE 30 SENSEX            | BSE BANKEX | BSE OIL & GAS INDEX | BSE TECK INDEX | BSE100 | HANG SENG Index Futures | MICEX Index Futures | FTSE/JSE Top40 Futures | IBOVESPA Futures |
| Apr-14 | 0.8                      | 0.0        | 0.0                 | 0.0            | 99.2   | 0.0                     | 0.0                 | 0.0                    | 0.0              |
| May-14 | 9.5                      | 0.0        | 0.0                 | 0.0            | 90.5   | 0.0                     | 0.0                 | 0.0                    | 0.0              |
| Jun-14 | 100.0                    | 0.0        | 0.0                 | 0.0            | 0.0    | 0.0                     | 0.0                 | 0.0                    | 0.0              |
| Jul-14 | 100.0                    | 0.0        | 0.0                 | 0.0            | 0.0    | 0.0                     | 0.0                 | 0.0                    | 0.0              |
| Aug-14 | 100.0                    | 0.0        | 0.0                 | 0.0            | 0.0    | 0.0                     | 0.0                 | 0.0                    | 0.0              |
| Sep-14 | 100.0                    | 0.0        | 0.0                 | 0.0            | 0.0    | 0.0                     | 0.0                 | 0.0                    | 0.0              |
| Oct-14 | 100.0                    | 0.0        | 0.0                 | 0.0            | 0.0    | 0.0                     | 0.0                 | 0.0                    | 0.0              |

Source: BSE.

**Table 41: Instrumentwise Turnover in Index Derivatives at NSE**

| Month  | Turnover (in Percentage) |       |           |            |        |          |         |        |      |           |
|--------|--------------------------|-------|-----------|------------|--------|----------|---------|--------|------|-----------|
|        | NIFTY                    | CNXIT | BANKNIFTY | NFTYMCAP50 | CNXPSE | CNXINFRA | FTSE100 | S&P500 | DJIA | India VIX |
| Apr-14 | 87.6                     | 0.0   | 12.2      | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.1       |
| May-14 | 91.1                     | 0.0   | 8.9       | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.0       |
| Jun-14 | 91.0                     | 0.0   | 8.9       | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.0       |
| Jul-14 | 90.5                     | 0.0   | 9.4       | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.0       |
| Aug-14 | 88.6                     | 0.0   | 11.4      | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.0       |
| Sep-14 | 89.1                     | 0.0   | 10.9      | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.0       |
| Oct-14 | 86.3                     | 0.0   | 13.6      | 0.0        | 0.0    | 0.0      | 0.0     | 0.0    | 0.0  | 0.0       |

Source: NSE.

Table 42 : Trading Statistics of Currency Derivatives Segment at NSE

| Year/<br>Month | No. of<br>Trading Days | Currency Futures    |                                 |                             | Currency Options                |                     |                  | Total<br>No. of<br>Contracts | Turnover<br>(₹ crore) | Open Interest<br>at the end of<br>Value<br>(₹ crore) |
|----------------|------------------------|---------------------|---------------------------------|-----------------------------|---------------------------------|---------------------|------------------|------------------------------|-----------------------|--|
|                |                        | No. of<br>Contracts | No. of<br>Turnover<br>(₹ crore) | No. of<br>Call<br>Contracts | No. of<br>Turnover<br>(₹ crore) | No. of<br>Contracts | Put<br>(₹ crore) |                              |                       |  |
| 1              | 2                      | 139                 | 3,27,38,566                     | 4                           | 1,62,563                        |                     |                  | 9                            | 3,27,38,566           | 1,62,563   |
| 2008-09        | 240                    | 37,86,06,983        | 17,82,608                       |                             |                                 |                     |                  | 37,86,06,983                 | 17,82,608             | 4,27,873   |
| 2009-10        | 249                    | 71,21,81,928        | 32,79,002                       | 2,32,97,306                 | 1,06,506                        | 1,41,22,841         | 64,280           | 74,96,02,075                 | 34,49,788             | 30,59,055  |
| 2010-11        | 240                    | 70,13,71,974        | 33,78,489                       | 15,37,04,180                | 7,34,741                        | 11,82,67,978        | 5,61,760         | 97,33,44,132                 | 46,74,990             | 36,57,304  |
| 2011-12        | 243                    | 68,41,59,263        | 37,65,105                       | 14,81,48,355                | 8,17,362                        | 12,69,35,830        | 6,91,997         | 95,92,43,448                 | 52,74,465             | 40,12,513  |
| 2012-13        | 244                    | 47,83,01,579        | 29,40,886                       | 9,19,56,807                 | 5,45,946                        | 8,99,34,144         | 5,25,681         | 66,01,92,530                 | 10,34,474             | 6,409  |
| 2013-14        | 138                    | 19,84,55,746        | 12,44,193                       | 3,29,62,084                 | 2,02,302                        | 2,59,76,990         | 1,57,288         | 25,73,96,820                 | 16,03,782             | 32,20,511  |
| Apr-14         | 17                     | 1,98,09,116         | 1,25,087                        | 24,78,822                   | 15,218                          | 24,48,133           | 14,778           | 2,47,36,071                  | 1,55,082              | 12,53,957  |
| May-14         | 20                     | 2,81,54,887         | 1,74,332                        | 36,13,548                   | 21,769                          | 31,15,320           | 18,483           | 3,48,83,755                  | 2,14,584              | 15,25,435  |
| Jun-14         | 21                     | 2,70,35,383         | 1,69,713                        | 33,11,493                   | 20,038                          | 31,19,529           | 18,625           | 3,34,66,405                  | 2,08,376              | 21,64,999  |
| Jul-14         | 22                     | 3,23,15,728         | 2,01,644                        | 42,15,255                   | 25,619                          | 37,21,324           | 22,370           | 4,02,52,307                  | 2,49,632              | 29,83,175  |
| Aug-14         | 18                     | 3,13,72,063         | 1,96,752                        | 60,35,731                   | 37,229                          | 45,30,728           | 27,656           | 4,19,38,522                  | 2,61,636              | 28,89,043  |
| Sep-14         | 22                     | 3,33,02,985         | 2,09,370                        | 69,49,381                   | 42,874                          | 54,01,731           | 32,992           | 4,56,54,097                  | 2,85,236              | 28,15,554  |
| Oct-14         | 18                     | 2,64,67,584         | 1,67,295                        | 63,57,854                   | 39,556                          | 36,40,225           | 22,385           | 3,64,65,663                  | 2,29,235              | 32,20,511  |
|                |                        |                     |                                 |                             |                                 |                     |                  |                              |                       | 20,103   |

Notes: 1. Currency Options were introduced at NSE w.e.f October 29, 2010.

2. Trading Value :- For Futures, Value of contract = Traded Qty \* Traded Price.

3. For Options, Value of contract = Traded Qty \* (Strike Price + Traded Premium)

4. Na: Not Applicable \$ indicates as on October 31, 2014.

Source: NSE.

Table 43: Trading Statistics of Currency Derivatives Segment at MCX-SX

| Year/<br>Month | No. of<br>Trading Days | Currency Futures |                       |                          | Currency Options             |                  |                  | Total<br>No. of<br>Contracts | Turnover<br>(₹ crore) | Open Interest at the end of<br>Value<br>(₹ crore) |
|----------------|------------------------|------------------|-----------------------|--------------------------|------------------------------|------------------|------------------|------------------------------|-----------------------|---|
|                |                        | No. of Contracts | Turnover<br>(₹ crore) | No. of Call<br>Contracts | No. of Turnover<br>(₹ crore) | No. of Contracts | Put<br>(₹ crore) |                              |                       |   |
| 1              | 2                      | 3                | 19,44,654             | 4                        | 1,41,77,255                  | 77,597           | 59,73,10,766     | 33,03,179                    | 19,44,654             | 4,23,314  |
| 2009-10        | 240                    | 40,81,66,278     | 19,44,654             |                          |                              |                  |                  | 90,31,85,639                 | 41,94,017             | 7,94,788  |
| 2010-11        | 249                    | 90,34,85,639     | 41,94,017             |                          |                              |                  |                  | 77,03,25,229                 | 37,32,446             | 8,44,086  |
| 2011-12        | 240                    | 77,03,25,229     | 37,32,446             |                          |                              |                  |                  |                              |                       | 4,494   |
| 2012-13        | 243                    | 56,11,48,090     | 31,05,036             | 2,19,85,421              | 1,20,545                     | 2,48,47,851      | 1,42,938         | 40,81,66,278                 | 19,44,654             | 1,951   |
| 2013-14        | 244                    | 34,70,16,939     | 21,24,631             | 2,67,20,100              | 1,54,841                     | 2,48,47,851      | 1,42,938         | 39,85,84,890                 | 24,22,410             | 3,44,409  |
| 2014-15\$      | 138                    | 6,98,53,389      | 4,38,053              | 9,68,823                 | 5,902                        | 7,52,377         | 4,562            | 7,15,74,589                  | 4,48,516              | 4,326   |
| Apr-14         | 17                     | 91,62,781        | 58,117                | 1,06,836                 | 6,56                         | 82,552           | 504              | 93,52,219                    | 59,277                | 4,11,954  |
| May-14         | 20                     | 1,26,20,041      | 78,094                | 2,26,592                 | 1,364                        | 92,795           | 556              | 1,29,39,428                  | 80,014                | 5,11,586  |
| Jun-14         | 21                     | 1,06,24,930      | 66,483                | 1,55,334                 | 937                          | 1,45,172         | 868              | 1,09,25,436                  | 68,288                | 7,52,315  |
| Jul-14         | 22                     | 1,24,13,176      | 77,226                | 1,21,583                 | 737                          | 1,20,733         | 728              | 1,26,55,492                  | 78,692                | 8,98,730  |
| Aug-14         | 18                     | 97,50,652        | 61,421                | 1,35,891                 | 835                          | 1,20,734         | 739              | 1,00,07,277                  | 62,995                | 7,28,577  |
| Sep-14         | 22                     | 88,55,185        | 55,955                | 1,41,446                 | 870                          | 1,24,951         | 765              | 91,21,582                    | 57,590                | 5,65,220  |
| Oct-14         | 18                     | 64,26,624        | 40,756                | 81,091                   | 502                          | 65,440           | 403              | 65,73,155                    | 41,661                | 6,92,832  |
|                |                        |                  |                       |                          |                              |                  |                  |                              |                       | 4,326   |

Notes: 1. Currency Futures trading started at MCX-SX on October 07, 2008.

2. Currency Options were introduced at MCX-SX with effect from August 10, 2012.

3. Na: Not Applicable

\$ indicates as on October 31, 2014.

Source: MCX-SX.

Table 44: Trading Statistics of Currency Derivatives Segment at USE

| Year/<br>Month | No. of<br>Trading Days | Currency Futures |                       |                     | Currency Options      |                     |                       | Total               |                       |                     | Open Interest at<br>the end of |  |
|----------------|------------------------|------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|--------------------------------|--|
|                |                        | No. of Contracts | Turnover<br>(₹ crore) | No. of<br>Contracts | Value<br>(₹ crore)             |  |
| 1              | 2                      | 3                | 4                     | 5                   | 6                     | 7                   | 8                     | 9                   | 10                    | 11                  | 12                             |  |
| 2011-12        | 240                    | 30,78,13,459     | 14,54,144             | 48,84,433           | 22,428                | 26,97,651           | 12,405                | 31,53,95,543        | 14,88,978             | 23,754              | 125                            |  |
| 2012-13        | 243                    | 1,47,56,895      | 83,49                 | 52,79,290           | 29,146                | 37,30,661           | 20,215                | 2,37,66,846         | 1,32,861              | 53,457              | 292                            |  |
| 2013-14        | 244                    | 1,40,47,494      | 95,086                | 1,55,31,634         | 97,760                | 1,79,00,168         | 1,08,775              | 4,74,79,296         | 3,01,620              | 33,111              | 217                            |  |
| 2014-15\$      | 138                    | 8,75,714         | 5,76                  | 35,07,262           | 22,060                | 23,97,624           | 15,495                | 67,80,600           | 43,321                | 18,649              | 116                            |  |
| Apr-14         | 17                     | 1,06,680         | 664                   | 1,39,093            | 893                   | 2,25,838            | 1,384                 | 4,71,611            | 2,940                 | 25,246              | 163                            |  |
| May-14         | 20                     | 3,35,891         | 2,209                 | 2,07,112            | 1,303                 | 3,08,863            | 1,902                 | 8,51,866            | 5,413                 | 34,470              | 243                            |  |
| Jun-14         | 21                     | 1,45,372         | 966                   | 3,58,742            | 2,233                 | 2,85,553            | 1,807                 | 7,89,667            | 5,005                 | 33,935              | 242                            |  |
| Jul-14         | 22                     | 1,41,658         | 927                   | 5,21,710            | 3,274                 | 3,08,835            | 2,044                 | 9,72,203            | 6,244                 | 37,627              | 263                            |  |
| Aug-14         | 18                     | 1,01,052         | 686                   | 7,43,918            | 4,689                 | 4,33,344            | 2,827                 | 12,78,314           | 8,202                 | 38,166              | 255                            |  |
| Sep-14         | 22                     | 37,467           | 261                   | 9,83,231            | 6,165                 | 4,49,056            | 2,944                 | 14,69,754           | 9,370                 | 26,685              | 179                            |  |
| Oct-14         | 18                     | 7,594            | 54                    | 5,53,456            | 3,504                 | 3,86,135            | 2,588                 | 9,47,185            | 6,146                 | 18,649              | 116                            |  |

Note: Currency Futures and Currency Options trading started at USE on September 20, 2010 and October 29, 2010 respectively.  
\$ indicates as on October 31, 2014.

Source: USE.

Table 45: Trading Statistics of Currency Derivatives Segment at BSE

| Year/ Month | No. of<br>Trading Days | Currency Futures |                       |                  | Currency Options      |                  |                       | Total            |                       |                  | Open Interest at the end of |  |
|-------------|------------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------------|--|
|             |                        | No. of Contracts | Turnover<br>(₹ crore) | No. of Contracts | Value<br>(₹ crore)          |  |
| 1           | 2                      | 3                | 4                     | 5                | 6                     | 7                | 8                     | 9                | 10                    | 11               | 12                          |  |
| 2013-14     | 81                     | 3,40,07,011      | 2,11,816              | 32,54,425        | 20,525                | 18,95,759        | 11,972                | 3,91,57,195      | 2,44,312              | 41,532           | 253                         |  |
| 2014-15\$   | 138                    | 11,48,43,730     | 6,96,530              | 60,85,337        | 37,337                | 60,10,532        | 36,192                | 12,69,39,599     | 7,70,061              | 6,86,031         | 4,216                       |  |
| Apr-14      | 17                     | 1,17,25,215      | 71,224                | 70,609           | 434                   | 41,344           | 251                   | 1,18,37,168      | 71,908                | 74,544           | 458                         |  |
| May-14      | 20                     | 1,88,70,105      | 1,12,212              | 76,245           | 481                   | 75,166           | 448                   | 1,90,21,516      | 1,13,141              | 2,02,580         | 1,228                       |  |
| Jun-14      | 21                     | 1,49,47,744      | 89,738                | 16,18,638        | 9,809                 | 6,96,076         | 4,202                 | 1,72,62,458      | 1,03,749              | 2,40,144         | 1,477                       |  |
| Jul-14      | 22                     | 1,49,46,095      | 90,132                | 21,58,629        | 13,134                | 23,67,529        | 14,259                | 1,94,72,253      | 1,17,526              | 3,17,802         | 1,947                       |  |
| Aug-14      | 18                     | 1,76,67,262      | 1,08,057              | 3,33,362         | 2,075                 | 8,25,065         | 4,996                 | 1,88,25,689      | 1,15,127              | 4,36,475         | 2,641                       |  |
| Sep-14      | 22                     | 2,08,01,781      | 1,27,206              | 12,30,183        | 7,645                 | 10,50,643        | 6,318                 | 2,30,82,607      | 1,41,170              | 4,36,452         | 2,690                       |  |
| Oct-14      | 18                     | 1,58,85,528      | 97,961                | 5,97,671         | 3,759                 | 9,54,709         | 5,719                 | 1,74,37,908      | 1,07,439              | 6,86,031         | 4,216                       |  |

\$ indicates as on October 31, 2014.

Source: BSE

Table 46: Daily Trends of Currency Derivatives trading at NSE during October 2014

| Date      | Currency Futures |                        |                  |                        | Currency Option  |                        |                  |                        | Total Turnover   |                        |                  | Open Interest at<br>the end of |                  |                 |
|-----------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|--------------------------------|------------------|-----------------|
|           | Calls            |                        | Puts             |                        | Calls            |                        | Puts             |                        | No. of Contracts | Traded Value (₹ crore) | No. of Contracts | Traded Value (₹ crore)         | No. of Contracts | Value (₹ crore) |
|           | No. of Contracts | Traded Value (₹ crore) | No. of Contracts | Traded Value (₹ crore) | No. of Contracts | Traded Value (₹ crore) | No. of Contracts | Traded Value (₹ crore) | No. of Contracts | Traded Value (₹ crore) | No. of Contracts | Traded Value (₹ crore)         | No. of Contracts | Value (₹ crore) |
| 1         | 2                | 3                      | 4                | 5                      | 6                | 7                      | 8                | 9                      | 10               | 11                     | 11               | 11                             | 11               | 11              |
| 1-Oct-14  | 16,39,260        | 10,371                 | 3,77,672         | 2,368                  | 2,49,436         | 1,541                  | 22,66,368        | 14,280                 | 29,47,976        | 18,528                 |                  |                                |                  |                 |
| 7-Oct-14  | 14,52,365        | 9,166                  | 3,76,924         | 2,355                  | 1,73,944         | 1,073                  | 20,03,233        | 12,594                 | 28,93,632        | 18,106                 |                  |                                |                  |                 |
| 8-Oct-14  | 11,64,203        | 7,312                  | 1,83,062         | 1,142                  | 1,08,639         | 670                    | 14,55,904        | 9,124                  | 29,22,226        | 18,286                 |                  |                                |                  |                 |
| 9-Oct-14  | 21,93,735        | 13,663                 | 7,20,397         | 4,471                  | 3,29,721         | 2,022                  | 32,43,853        | 20,156                 | 33,86,301        | 21,028                 |                  |                                |                  |                 |
| 10-Oct-14 | 13,73,833        | 8,636                  | 3,36,675         | 2,090                  | 1,56,559         | 959                    | 18,67,067        | 11,685                 | 34,86,895        | 21,728                 |                  |                                |                  |                 |
| 13-Oct-14 | 10,48,164        | 6,618                  | 2,57,581         | 1,598                  | 1,58,265         | 971                    | 14,64,010        | 9,187                  | 36,15,349        | 22,478                 |                  |                                |                  |                 |
| 14-Oct-14 | 18,88,204        | 11,880                 | 4,41,413         | 2,742                  | 3,28,721         | 2,014                  | 26,58,338        | 16,636                 | 36,67,432        | 22,838                 |                  |                                |                  |                 |
| 16-Oct-14 | 31,24,568        | 19,818                 | 7,97,526         | 4,991                  | 4,69,890         | 2,893                  | 43,91,984        | 27,703                 | 35,48,023        | 22,220                 |                  |                                |                  |                 |
| 17-Oct-14 | 17,31,070        | 10,985                 | 4,49,700         | 2,807                  | 2,58,571         | 1,593                  | 24,39,341        | 15,385                 | 34,01,879        | 21,275                 |                  |                                |                  |                 |
| 20-Oct-14 | 16,02,722        | 10,158                 | 2,96,018         | 1,839                  | 2,35,861         | 1,448                  | 21,34,601        | 13,445                 | 35,00,244        | 21,818                 |                  |                                |                  |                 |
| 21-Oct-14 | 12,78,918        | 8,077                  | 3,37,820         | 2,100                  | 1,41,225         | 867                    | 17,57,963        | 11,045                 | 36,71,383        | 22,850                 |                  |                                |                  |                 |
| 22-Oct-14 | 12,81,807        | 8,146                  | 4,39,835         | 2,720                  | 2,08,077         | 1,279                  | 19,29,719        | 12,144                 | 38,48,944        | 23,916                 |                  |                                |                  |                 |
| 23-Oct-14 | 1,08,356         | 691                    | 9,085            | 56                     | 4,534            | 28                     | 1,21,975         | 775                    | 38,69,044        | 24,036                 |                  |                                |                  |                 |
| 27-Oct-14 | 11,89,200        | 7,507                  | 3,60,054         | 2,226                  | 1,63,936         | 1,005                  | 17,13,190        | 10,738                 | 38,91,401        | 24,216                 |                  |                                |                  |                 |
| 28-Oct-14 | 17,49,392        | 11,022                 | 3,40,785         | 2,110                  | 1,51,514         | 931                    | 22,41,691        | 14,063                 | 39,66,595        | 24,709                 |                  |                                |                  |                 |
| 29-Oct-14 | 17,36,678        | 11,046                 | 2,75,734         | 1,711                  | 2,22,318         | 1,371                  | 22,34,730        | 14,128                 | 27,88,246        | 17,453                 |                  |                                |                  |                 |
| 30-Oct-14 | 9,41,026         | 6,049                  | 2,26,723         | 1,415                  | 1,59,490         | 982                    | 13,27,239        | 8,447                  | 29,96,582        | 18,753                 |                  |                                |                  |                 |
| 31-Oct-14 | 9,64,083         | 6,147                  | 1,30,850         | 815                    | 1,19,524         | 737                    | 12,14,457        | 7,699                  | 32,20,511        | 20,103                 |                  |                                |                  |                 |

Source: NSE

Table 47: Daily Trends of Currency Derivatives trading at MCX-SX during October 2014

| Date      | Currency Futures |                    |                  |                    | Currency Options |                    |                  |                    | Total Turnover   |                    |                  | Open Interest at the end of the day |  |
|-----------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|-------------------------------------|--|
|           | No. of Contracts | Turnover (₹ crore) | No. of Contracts | Value (₹ crore)                     |  |
| 1         | 2                | 3                  | 4                | 5                  | 6                | 7                  | 8                | 9                  | 10               | 11                 |                  |                                     |  |
| 1-Oct-14  | 4,24,311         | 2,697              | 6,449            | 40                 | 8,086            | 50                 | 438,846          | 2,787              | 593,972          | 3,740              |                  |                                     |  |
| 7-Oct-14  | 2,14,441         | 1,384              | 9,481            | 59                 | 3,827            | 24                 | 227,749          | 1,466              | 615,324          | 3,851              |                  |                                     |  |
| 8-Oct-14  | 2,76,916         | 1,751              | 1,730            | 11                 | 1,282            | 8                  | 279,928          | 1,769              | 647,179          | 4,045              |                  |                                     |  |
| 9-Oct-14  | 5,09,103         | 3,185              | 2,228            | 14                 | 7,507            | 46                 | 518,838          | 3,244              | 683,679          | 4,244              |                  |                                     |  |
| 10-Oct-14 | 3,95,121         | 2,486              | 1,621            | 10                 | 2,909            | 18                 | 399,651          | 2,514              | 704,350          | 4,398              |                  |                                     |  |
| 13-Oct-14 | 2,59,192         | 1,640              | 3,623            | 22                 | 3,439            | 21                 | 266,254          | 1,683              | 737,139          | 4,581              |                  |                                     |  |
| 14-Oct-14 | 4,67,182         | 2,955              | 9,267            | 57                 | 8,572            | 52                 | 485,021          | 3,065              | 752,759          | 4,702              |                  |                                     |  |
| 16-Oct-14 | 7,24,937         | 4,627              | 12,618           | 78                 | 11,194           | 69                 | 748,749          | 4,774              | 691,967          | 4,352              |                  |                                     |  |
| 17-Oct-14 | 3,86,713         | 2,470              | 2,541            | 16                 | 3,016            | 19                 | 392,270          | 2,505              | 701,419          | 4,398              |                  |                                     |  |
| 20-Oct-14 | 3,56,817         | 2,266              | 4,554            | 28                 | 3,749            | 23                 | 365,120          | 2,317              | 741,272          | 4,621              |                  |                                     |  |
| 21-Oct-14 | 2,78,608         | 1,766              | 585              | 4                  | 739              | 5                  | 279,932          | 1,775              | 775,195          | 4,820              |                  |                                     |  |
| 22-Oct-14 | 3,19,660         | 2,040              | 5,631            | 35                 | 3,009            | 18                 | 328,300          | 2,093              | 827,664          | 5,135              |                  |                                     |  |
| 23-Oct-14 | 27,292           | 174                | 5                | 0                  | 2                | 0                  | 27,299           | 174                | 831,626          | 5,162              |                  |                                     |  |
| 27-Oct-14 | 3,13,182         | 1,982              | 5,245            | 32                 | 713              | 4                  | 319,140          | 2,019              | 849,014          | 5,285              |                  |                                     |  |
| 28-Oct-14 | 4,40,448         | 2,762              | 7,824            | 48                 | 1,060            | 7                  | 449,332          | 2,817              | 875,852          | 5,452              |                  |                                     |  |
| 29-Oct-14 | 4,97,796         | 3,161              | 4,275            | 26                 | 3,392            | 21                 | 505,463          | 3,208              | 948,830          | 5,923              |                  |                                     |  |
| 30-Oct-14 | 2,72,985         | 1,744              | 2,121            | 13                 | 1,873            | 12                 | 276,979          | 1,769              | 670,277          | 4,197              |                  |                                     |  |
| 31-Oct-14 | 2,61,920         | 1,665              | 1,293            | 8                  | 1,071            | 7                  | 264,284          | 1,680              | 692,832          | 4,326              |                  |                                     |  |

Source: MCX-SX

Table 48: Daily Trends of Currency Derivatives trading at USE during October 2014

| Date      | Currency Futures |                    |                  |                    | Currency Options |                    |                  |                    | Total Turnover   |                 |  | Open Interest at the end of the day |                 |
|-----------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|-----------------|--|-------------------------------------|-----------------|
|           | No. of Contracts | Turnover (₹ crore) | No. of Contracts | Value (₹ crore) |  | No. of Contracts                    | Value (₹ crore) |
| 1-Oct-14  | 2                | 3                  | 4                | 5                  | 6                | 7                  | 8                | 9                  | 10               | 11              |  |                                     |                 |
| 1-Oct-14  | 522              | 3                  | 0                | 0                  | 2,944            | 18                 | 3,466            | 21                 | 25,786           | 174             |  |                                     |                 |
| 7-Oct-14  | 115              | 1                  | 14,745           | 93                 | 14,669           | 97                 | 29,529           | 190                | 26,799           | 179             |  |                                     |                 |
| 8-Oct-14  | 2                | 0                  | 28,458           | 179                | 23,111           | 157                | 51,571           | 336                | 28,226           | 188             |  |                                     |                 |
| 9-Oct-14  | 1,171            | 7                  | 8,549            | 54                 | 41,266           | 275                | 50,986           | 336                | 29,112           | 192             |  |                                     |                 |
| 10-Oct-14 | 38               | 0                  | 18,811           | 118                | 25,344           | 170                | 44,193           | 288                | 27,545           | 183             |  |                                     |                 |
| 13-Oct-14 | 36               | 0                  | 65,618           | 418                | 22,354           | 150                | 88,008           | 568                | 27,894           | 185             |  |                                     |                 |
| 14-Oct-14 | 4                | 0                  | 23,698           | 151                | 20,508           | 138                | 44,210           | 289                | 27,494           | 182             |  |                                     |                 |
| 16-Oct-14 | 750              | 5                  | 78,073           | 496                | 29,284           | 194                | 1,08,107         | 695                | 27,694           | 184             |  |                                     |                 |
| 17-Oct-14 | 205              | 1                  | 30,796           | 197                | 23,528           | 155                | 54,529           | 354                | 27,994           | 187             |  |                                     |                 |
| 20-Oct-14 | 610              | 4                  | 45,116           | 288                | 18,683           | 125                | 64,409           | 416                | 28,324           | 188             |  |                                     |                 |
| 21-Oct-14 | 8                | 0                  | 30,918           | 195                | 15,890           | 108                | 46,816           | 303                | 28,342           | 188             |  |                                     |                 |
| 22-Oct-14 | 1                | 0                  | 19,819           | 125                | 12,021           | 81                 | 31,841           | 206                | 30,144           | 199             |  |                                     |                 |
| 23-Oct-14 | 11               | 0                  | 3,394            | 22                 | 618              | 4                  | 4,023            | 26                 | 30,144           | 199             |  |                                     |                 |
| 27-Oct-14 | 1,908            | 15                 | 12,266           | 79                 | 5,855            | 38                 | 20,029           | 132                | 28,625           | 189             |  |                                     |                 |
| 28-Oct-14 | 121              | 1                  | 32,459           | 208                | 23,006           | 156                | 55,586           | 366                | 28,928           | 191             |  |                                     |                 |
| 29-Oct-14 | 2,092            | 16                 | 9,333            | 59                 | 34,202           | 231                | 45,627           | 305                | 29,423           | 193             |  |                                     |                 |
| 30-Oct-14 | 0                | 0                  | 47,572           | 298                | 35,836           | 239                | 83,408           | 537                | 18,639           | 116             |  |                                     |                 |
| 31-Oct-14 | 0                | 0                  | 83,831           | 524                | 37,016           | 252                | 1,20,847         | 776                | 18,649           | 116             |  |                                     |                 |

Source: USE.

Table 49: Daily Trends of Currency Derivatives trading at BSE during October 2014

| Date      | Currency Futures |                           |                  |                           | Currency Option  |                           |                  |                           | Total Turnover | Open Interest at the end of<br>Value<br>(₹ crore) |
|-----------|------------------|---------------------------|------------------|---------------------------|------------------|---------------------------|------------------|---------------------------|----------------|---|
|           | No. of Contracts | Traded Value<br>(₹ crore) |                |   |
| 1         | 2                | 3                         | 4                | 5                         | 6                | 7                         | 8                | 9                         | 10             | 11  |
| 1-Oct-14  | 9,23,886         | 5,842                     | 12,809           | 81                        | 52,991           | 314                       | 9,89,686         | 6,238                     | 4,44,234       | 2,744   |
| 7-Oct-14  | 9,54,918         | 5,896                     | 28,269           | 180                       | 33,201           | 199                       | 10,16,388        | 6,275                     | 4,48,298       | 2,752   |
| 8-Oct-14  | 7,58,107         | 4,681                     | 36,593           | 232                       | 49,123           | 289                       | 8,43,823         | 5,203                     | 4,70,654       | 2,894   |
| 9-Oct-14  | 11,10,651        | 6,811                     | 43,537           | 274                       | 55,372           | 332                       | 12,09,560        | 7,416                     | 5,50,459       | 3,360   |
| 10-Oct-14 | 9,43,091         | 5,797                     | 35,068           | 219                       | 55,713           | 338                       | 10,33,872        | 6,354                     | 5,43,042       | 3,322   |
| 13-Oct-14 | 6,67,854         | 4,103                     | 35,134           | 223                       | 51,829           | 314                       | 7,54,817         | 4,639                     | 5,68,502       | 3,483   |
| 14-Oct-14 | 11,59,732        | 7,127                     | 77,285           | 480                       | 43,516           | 262                       | 12,80,533        | 7,868                     | 5,71,935       | 3,496   |
| 16-Oct-14 | 16,34,502        | 10,114                    | 28,781           | 181                       | 75,909           | 452                       | 17,39,192        | 10,747                    | 5,66,505       | 3,484   |
| 17-Oct-14 | 11,41,782        | 7,049                     | 23,356           | 147                       | 52,560           | 313                       | 12,17,698        | 7,508                     | 5,46,874       | 3,372   |
| 20-Oct-14 | 10,60,423        | 6,516                     | 29,008           | 183                       | 99,319           | 595                       | 11,88,750        | 7,295                     | 6,02,106       | 3,692   |
| 21-Oct-14 | 7,86,992         | 4,834                     | 14,810           | 93                        | 28,750           | 174                       | 8,30,552         | 5,101                     | 6,38,384       | 3,915   |
| 22-Oct-14 | 7,07,380         | 4,341                     | 14,554           | 90                        | 25,125           | 152                       | 7,47,059         | 4,583                     | 6,62,702       | 4,061   |
| 23-Oct-14 | 37,723           | 231                       | 0                | 0                         | 0                | 0                         | 37,723           | 231                       | 6,66,674       | 4,085   |
| 27-Oct-14 | 6,85,202         | 4,207                     | 21,901           | 136                       | 61,220           | 367                       | 7,68,323         | 4,710                     | 6,91,046       | 4,234   |
| 28-Oct-14 | 9,51,734         | 5,851                     | 51,353           | 322                       | 60,999           | 365                       | 10,64,086        | 6,538                     | 7,46,526       | 4,583   |
| 29-Oct-14 | 9,36,447         | 5,767                     | 44,727           | 284                       | 62,682           | 378                       | 10,43,856        | 6,429                     | 6,34,507       | 3,893   |
| 30-Oct-14 | 7,64,179         | 4,721                     | 32,418           | 204                       | 68,038           | 405                       | 8,64,635         | 5,330                     | 6,57,068       | 4,042   |
| 31-Oct-14 | 6,60,925         | 4,073                     | 68,068           | 430                       | 78,362           | 470                       | 8,07,355         | 4,973                     | 6,86,031       | 4,216   |

Source: BSE.

Table 50: Settlement Statistics of Currency Derivatives Segment

(₹ crore)

| Year/<br>Month | NSE                    |                                 | MCX-SX                 |                                 | Total                            | Currency<br>Futures | Currency<br>options             | Total                            | USE                    |                                 | Currency<br>Futures      | Currency<br>options | BSE                             |       |
|----------------|------------------------|---------------------------------|------------------------|---------------------------------|----------------------------------|---------------------|---------------------------------|----------------------------------|------------------------|---------------------------------|--------------------------|---------------------|---------------------------------|-------|
|                | MTM<br>Settle-<br>ment | Pre-<br>mium<br>Settle-<br>ment | MTM<br>Settle-<br>ment | Final<br>Settle-<br>ment        |                                  |                     |                                 |                                  | MTM<br>Settle-<br>ment | Final<br>Settle-<br>ment        |                          |                     | MTM<br>Settle-<br>ment          | Total |
|                | Currency<br>Futures    | Currency<br>Options             | Total                  | Pre-<br>mium<br>Settle-<br>ment | Exer-<br>cise<br>Settle-<br>ment | Total               | Pre-<br>mium<br>Settle-<br>ment | Exer-<br>cise<br>Settle-<br>ment | Total                  | Pre-<br>mium<br>Settle-<br>ment | Final<br>Settle-<br>ment | Total               | Pre-<br>mium<br>Settle-<br>ment |       |
| 1              | 2                      | 3                               | 4                      | 5                               | 6                                | 7                   | 8                               | 9                                | 10                     | 11                              | 12                       | 13                  | 14                              | 14    |
| 2010-11        | 2,411                  | 90                              | 246                    | 64                              | 2,811                            | 2,030               | 57                              | Na                               | 2,087                  | Na                              | Na                       | Na                  | Na                              | Na    |
| 2011-12        | 5,829                  | 156                             | 1,421                  | 884                             | 8,290                            | 2,877               | 77                              | 2,953                            | 403                    | 16                              | 2                        | 1                   | 423                             | Na    |
| 2012-13        | 6,372                  | 92                              | 1,692                  | 493                             | 8,648                            | 3,301               | 48                              | 97                               | 21                     | 3,449                           | 54                       | 1                   | 12                              | 0     |
| 2013-14        | 4,747                  | 85                              | 1,179                  | 471                             | 6,481                            | 2,188               | 50                              | 201                              | 70                     | 2,509                           | 210                      | 3                   | 60                              | 0     |
| 2014-15\$      | 3,316                  | 23                              | 442                    | 89                              | 3,870                            | 924                 | 8                               | 23                               | 6                      | 960                             | 39                       | 1                   | 33                              | 0     |
| Apr-14         | 106                    | 2                               | 28                     | 4                               | 140                              | 43                  | 1                               | 4                                | 0                      | 49                              | 1                        | 0                   | 2                               | 0     |
| May-14         | 190                    | 2                               | 43                     | 7                               | 242                              | 84                  | 1                               | 5                                | 1                      | 90                              | 6                        | 0                   | 3                               | 0     |
| Jun-14         | 205                    | 1                               | 35                     | 8                               | 249                              | 101                 | 1                               | 4                                | 1                      | 107                             | 7                        | 0                   | 4                               | 0     |
| Jul-14         | 419                    | 1                               | 45                     | 6                               | 470                              | 175                 | 0                               | 2                                | 0                      | 177                             | 7                        | 0                   | 4                               | 0     |
| Aug-14         | 1,413                  | 9                               | 199                    | 40                              | 1,661                            | 178                 | 1                               | 3                                | 1                      | 184                             | 9                        | 0                   | 4                               | 0     |
| Sep-14         | 525                    | 7                               | 51                     | 16                              | 599                              | 185                 | 3                               | 3                                | 2                      | 193                             | 7                        | 0                   | 6                               | 0     |
| Oct-14         | 458                    | 1                               | 41                     | 8                               | 508                              | 158                 | 1                               | 2                                | 0                      | 160                             | 3                        | 0                   | 9                               | 0     |

Na: Not Applicable.

\$ indicates as on October 31, 2014.

Source: NSE, MCX-SX, USE and BSE.

**Table 51: Instrumentwise 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 |
| Apr-13 | 4,21,920             | 7,698  | 4,454  | 7,610  |   |        |        |        |
| May-13 | 5,55,857             | 9,887  | 6,075  | 6,641  |   |        |        |        |
| Jun-13 | 7,52,008             | 10,219 | 7,328  | 5,757  |   |        |        |        |
| Jul-13 | 3,84,275             | 12,941 | 8,716  | 3,806  |   |        |        |        |
| Aug-13 | 3,00,718             | 19,245 | 15,344 | 5,501  |   |        |        |        |
| Sep-13 | 2,67,642             | 15,105 | 16,024 | 4,862  |   |        |        |        |
| Oct-13 | 2,00,383             | 9,800  | 8,049  | 3,139  |   |        |        |        |
| Nov-13 | 1,78,252             | 9,060  | 8,020  | 2,577  |   |        |        |        |
| Dec-13 | 1,62,852             | 9,973  | 10,436 | 2,803  |   |        |        |        |
| Jan-14 | 1,81,807             | 10,555 | 13,136 | 3,066  |   |        |        |        |
| Feb-14 | 1,40,633             | 8,493  | 10,142 | 2,459  |   |        |        |        |
| Mar-14 | 1,65,839             | 9,083  | 10,118 | 2,204  |   |        |        |        |
| Apr-14 | 1,38,128             | 7,611  | 7,260  | 2,083  | 1,155,825   | 58,618 | 31,252 | 8,262  |
| May-14 | 1,90,751             | 10,261 | 11,118 | 2,453  | 1,377,150   | 77,375 | 60,965 | 9,945  |
| Jun-14 | 1,84,537             | 10,721 | 11,082 | 2,036  | 2,038,394   | 66,061 | 52,058 | 8,486  |
| Jul-14 | 2,28,174             | 8,760  | 10,846 | 1,852  | 2,863,168   | 59,067 | 50,967 | 9,973  |
| Aug-14 | 2,46,156             | 5,733  | 8,381  | 1,367  | 2,794,614   | 45,638 | 39,799 | 8,992  |
| Sep-14 | 2,66,029             | 7,010  | 10,341 | 1,857  | 2,722,162   | 41,520 | 43,203 | 8,669  |
| Oct-14 | 2,12,568             | 7,319  | 7,347  | 2,001  | 3,113,927   | 51,555 | 36,574 | 18,455 |

Source: NSE.

**Table 52: Instrumentwise Turnover in Currency Derivative Segment of MCX-SX**

| Month  | Turnover (₹crore) |        |        |        | Open Interest as on last day of the month (in lots) |        |        |        |
|--------|-------------------|--------|--------|--------|---|--------|--------|--------|
|        | USDINR            | EURINR | GBPINR | JPYINR | USDINR  | EURINR | GBPINR | JPYINR |
| Apr-13 | 2,65,605          | 6,948  | 4,109  | 7,414  | 16,27,287   | 33,254 | 13,712 | 18,465 |
| May-13 | 3,59,175          | 9,730  | 6,491  | 7,045  | 18,79,297   | 63,091 | 21,438 | 12,591 |
| Jun-13 | 4,55,079          | 11,607 | 8,892  | 7,303  | 15,31,349   | 60,912 | 27,083 | 13,612 |
| Jul-13 | 2,84,687          | 12,701 | 9,360  | 4,151  | 12,14,222   | 64,804 | 29,882 | 7,590  |
| Aug-13 | 2,01,822          | 14,242 | 12,076 | 4,867  | 5,28,282  | 23,813 | 14,544 | 3,075  |
| Sep-13 | 1,55,682          | 9,446  | 9,816  | 3,669  | 3,74,936  | 15,613 | 8,327  | 2,548  |
| Oct-13 | 1,02,842          | 7,009  | 6,525  | 2,235  | 3,32,638  | 19,061 | 9,439  | 4,589  |
| Nov-13 | 76,660            | 4,928  | 5,313  | 1,459  | 3,31,533  | 12,475 | 11,753 | 2,897  |
| Dec-13 | 74,358            | 5,866  | 5,787  | 1,630  | 3,67,577  | 14,339 | 17,124 | 4,971  |
| Jan-14 | 83,957            | 6,265  | 8,151  | 2,001  | 3,59,780  | 19,277 | 18,452 | 2,376  |
| Feb-14 | 59,339            | 4,926  | 6,134  | 1,632  | 3,85,026  | 19,206 | 18,012 | 2,782  |
| Mar-14 | 71,355            | 4,570  | 5,924  | 1,628  | 3,15,752  | 14,437 | 11,070 | 3,150  |
| Apr-14 | 50,536            | 3,418  | 4,082  | 1,240  | 3,87,873  | 9,954  | 11,920 | 2,207  |
| May-14 | 69,687            | 3,847  | 5,375  | 1,104  | 4,61,694  | 23,083 | 23,194 | 3,615  |
| Jun-14 | 59,619            | 3,300  | 4,476  | 893    | 7,12,273  | 16,515 | 19,747 | 3,780  |
| Jul-14 | 70,992            | 2,944  | 3,927  | 828    | 8,57,427  | 20,570 | 18,194 | 2,539  |
| Aug-14 | 57,302            | 1,853  | 3,244  | 595    | 7,04,369  | 11,403 | 11,106 | 1,699  |
| Sep-14 | 51,395            | 1,865  | 3,636  | 695    | 5,44,083  | 7,269  | 12,394 | 1,474  |
| Oct-14 | 37,262            | 1,485  | 2,342  | 572    | 6,71,762  | 9,315  | 8,457  | 3,298  |

Source: MCX-SX.

**Table 53: Maturitywise Turnover in Currency Derivative Segment of NSE**

(in ₹crore)

| Month  | Currency Futures |         |         |            | Currency Options |         |         |            |
|--------|------------------|---------|---------|------------|------------------|---------|---------|------------|
|        | 1 Month          | 2 Month | 3 Month | > 3 months | 1 Month          | 2 Month | 3 Month | > 3 months |
| Apr-13 | 2,40,857         | 44,929  | 4,620   | 3,103      | 1,27,104         | 20,665  | 375     | 29         |
| May-13 | 3,09,368         | 62,183  | 8,260   | 4,125      | 1,68,796         | 25,594  | 113     | 21         |
| Jun-13 | 4,02,363         | 74,883  | 8,652   | 6,262      | 2,47,298         | 35,608  | 54      | 192        |
| Jul-13 | 2,52,951         | 29,626  | 4,964   | 5,635      | 1,12,548         | 3,930   | 86      | 0          |
| Aug-13 | 2,29,520         | 46,557  | 4,437   | 3,988      | 51,567           | 4,714   | 7       | 17         |
| Sep-13 | 2,26,794         | 25,895  | 2,742   | 2,155      | 43,257           | 2,789   | 0       | 0          |
| Oct-13 | 1,60,037         | 19,226  | 2,293   | 1,529      | 35,408           | 2,867   | 12      | 0          |
| Nov-13 | 1,34,548         | 19,479  | 1,557   | 1,283      | 37,370           | 3,669   | 3       | 0          |
| Dec-13 | 1,29,608         | 17,337  | 1,605   | 1,088      | 32,884           | 3,542   | 0       | 0          |
| Jan-14 | 1,43,506         | 22,065  | 1,838   | 1,032      | 35,337           | 4,777   | 8       | 0          |
| Feb-14 | 1,15,589         | 15,266  | 1,452   | 564        | 25,977           | 2,865   | 13      | 0          |
| Mar-14 | 1,24,560         | 17,713  | 1,711   | 1,129      | 38,254           | 3,833   | 45      | 1          |
| Apr-14 | 1,05,330         | 17,474  | 1,287   | 996        | 25,770           | 4,218   | 0       | 8          |
| May-14 | 1,43,747         | 25,804  | 2,905   | 1,877      | 36,256           | 3,995   | 0       | 0          |
| Jun-14 | 1,39,915         | 24,653  | 2,949   | 2,196      | 33,998           | 4,658   | 4       | 3          |
| Jul-14 | 1,63,083         | 29,804  | 6,040   | 2,717      | 43,208           | 4,769   | 11      | 0          |
| Aug-14 | 1,49,938         | 32,988  | 11,020  | 2,807      | 57,826           | 7,056   | 3       | 0          |
| Sep-14 | 1,67,425         | 34,904  | 3,935   | 3,107      | 63,691           | 12,162  | 12      | 0          |
| Oct-14 | 1,31,054         | 27,800  | 5,580   | 2,861      | 55,510           | 5,914   | 516     | 0          |

Source: NSE.

**Table 54: Maturitywise Turnover in Currency Derivative Segment of MCX-SX**

(in ₹crore)

| Month  | Currency Futures |         |         |            | Currency Options |         |         |            |
|--------|------------------|---------|---------|------------|------------------|---------|---------|------------|
|        | 1 Month          | 2 Month | 3 Month | > 3 months | 1 Month          | 2 Month | 3 Month | > 3 months |
| Apr-13 | 2,03,186         | 28,900  | 2,661   | 1,225      | 40,849           | 7,139   | 56      | 59         |
| May-13 | 2,59,507         | 36,460  | 4,030   | 1,534      | 73,388           | 7,390   | 18      | 115        |
| Jun-13 | 3,28,721         | 46,714  | 4,846   | 2,334      | 92,050           | 7,816   | 67      | 332        |
| Jul-13 | 2,28,846         | 27,807  | 4,620   | 2,373      | 44,560           | 2,394   | 247     | 52         |
| Aug-13 | 1,91,787         | 30,344  | 2,380   | 1,129      | 7,153            | 142     | 0       | 72         |
| Sep-13 | 1,50,057         | 24,204  | 2,141   | 438        | 1,494            | 275     | 3       | 2          |
| Oct-13 | 1,04,096         | 10,939  | 1,139   | 626        | 1,705            | 105     | 0       | -          |
| Nov-13 | 75,239           | 10,328  | 642     | 310        | 1,580            | 258     | 3       | 0          |
| Dec-13 | 73,670           | 10,183  | 985     | 261        | 2,136            | 407     | 0       | 0          |
| Jan-14 | 83,417           | 13,186  | 846     | 147        | 2,414            | 365     | 0       | 0          |
| Feb-14 | 61,001           | 8,791   | 700     | 291        | 1,093            | 155     | 0       | 0          |
| Mar-14 | 69,593           | 11,027  | 668     | 302        | 1,629            | 220     | 38      | 0          |
| Apr-14 | 48,444           | 8,928   | 592     | 152        | 862              | 298     | 0       | 0          |
| May-14 | 65,220           | 11,577  | 888     | 409        | 1,676            | 243     | 1       | 0          |
| Jun-14 | 54,539           | 10,969  | 749     | 225        | 1,714            | 91      | 0       | 0          |
| Jul-14 | 61,630           | 12,496  | 2,917   | 184        | 1,292            | 173     | 0       | 0          |
| Aug-14 | 51,983           | 8,625   | 727     | 87         | 1,381            | 187     | 0       | 6          |
| Sep-14 | 45,395           | 9,320   | 1,089   | 152        | 1,490            | 145     | 0       | 0          |
| Oct-14 | 32,067           | 6,612   | 1,927   | 151        | 812              | 93      | 0       | 0          |

Source: MCX-SX.

Table 55: Trading Statistics of Interest Rate Futures at BSE and NSE

| Year/ Month | No. of Trading Days | BSE                   |                  |                             | NSE                   |                  |                             | MCX-SX   |                  |                             |
|-------------|---------------------|-----------------------|------------------|-----------------------------|-----------------------|------------------|-----------------------------|----------|------------------|-----------------------------|
|             |                     | Interest Rate Futures | No. of Contracts | Open Interest at the end of | Interest Rate Futures | No. of Contracts | Open Interest at the end of | Futures  | No. of Contracts | Open Interest at the end of |
| 1           | 2                   | 3                     | 4                | 5                           | 6                     | 7                | 8                           | 9        | 10               | 8                           |
| 2013-14     | 81                  | 1,28,549              | 2,580            | 9,829                       | 197                   | 15,02,148        | 30,173                      | 55,710   | 1,113            | 3,56,555                    |
| 2014-15\$   | 138                 | 4,87,723              | 9,786            | 32,004                      | 323                   | 80,95,437        | 1,62,441                    | 1,36,469 | 2,754            | 70,739                      |
| Apr-14      | 17                  | 56,200                | 1,117            | 21,467                      | 215                   | 8,86,929         | 17,603                      | 52,337   | 1,045            | 21,768                      |
| May-14      | 20                  | 68,469                | 1,380            | 26,030                      | 263                   | 10,17,872        | 20,472                      | 57,801   | 1,168            | 10,084                      |
| Jun-14      | 21                  | 61,084                | 1,237            | 10,345                      | 104                   | 12,42,550        | 25,139                      | 61,016   | 1,227            | 6,395                       |
| Jul-14      | 22                  | 39,394                | 793              | 11,051                      | 111                   | 15,22,072        | 30,658                      | 63,400   | 1,276            | 26,582                      |
| Aug-14      | 18                  | 86,997                | 1,736            | 20,023                      | 200                   | 13,40,784        | 26,817                      | 48,901   | 976              | 4,597                       |
| Sep-14      | 22                  | 78,484                | 1,568            | 29,545                      | 294                   | 8,98,531         | 17,927                      | 98,314   | 1,955            | 1,047                       |
| Oct-14      | 18                  | 97,095                | 1,954            | 32,004                      | 323                   | 11,86,719        | 23,826                      | 1,36,469 | 2,754            | 266                         |

\$ indicates as on October 31, 2014.

Source: BSE, NSE and MCXSX

Table 56: Daily Trends of Interest Rate Futures trading at BSE during October 2014

| Date      | No. of Contracts traded | Turnover (₹ crore) |   |   | Open Interest    |                 |
|-----------|-------------------------|--------------------|---|---|------------------|-----------------|
|           |                         | 3                  | 4 | 5 | No. of contracts | Value (₹ crore) |
| 1-Oct-14  | 2                       |                    |   |   |                  |                 |
| 1-Oct-14  | 1,692                   | 34                 |   |   | 29,951           | 299             |
| 7-Oct-14  | 1,730                   | 34                 |   |   | 30,850           | 308             |
| 8-Oct-14  | 2,261                   | 45                 |   |   | 31,399           | 315             |
| 9-Oct-14  | 1,662                   | 33                 |   |   | 31,821           | 318             |
| 10-Oct-14 | 285                     | 6                  |   |   | 31,755           | 317             |
| 13-Oct-14 | 395                     | 8                  |   |   | 31,802           | 318             |
| 14-Oct-14 | 1,871                   | 37                 |   |   | 32,793           | 329             |
| 16-Oct-14 | 1,704                   | 34                 |   |   | 32,139           | 323             |
| 17-Oct-14 | 476                     | 10                 |   |   | 32,154           | 323             |
| 20-Oct-14 | 261                     | 5                  |   |   | 32,154           | 323             |
| 21-Oct-14 | 1,089                   | 22                 |   |   | 32,150           | 323             |
| 22-Oct-14 | 875                     | 18                 |   |   | 32,204           | 324             |
| 23-Oct-14 | 2                       | 0                  |   |   | 32,205           | 324             |
| 27-Oct-14 | 960                     | 19                 |   |   | 33,054           | 333             |
| 28-Oct-14 | 13,387                  | 269                |   |   | 38,365           | 387             |
| 29-Oct-14 | 31,762                  | 639                |   |   | 40,759           | 410             |
| 30-Oct-14 | 29,819                  | 602                |   |   | 28,572           | 288             |
| 31-Oct-14 | 6,864                   | 139                |   |   | 32,004           | 323             |

Source: BSE

**Table 57: Daily Trends of Interest Rate Futures trading at NSE during October 2014**

| Date      | No. of Contracts traded | Turnover (₹ crore) | Open Interest    |                 |
|-----------|-------------------------|--------------------|------------------|-----------------|
|           |                         |                    | No. of contracts | Value (₹ crore) |
| 1         | 2                       | 3                  | 4                | 5               |
| 1-Oct-14  | 25,198                  | 501                | 94,117           | 1,876           |
| 7-Oct-14  | 25,623                  | 512                | 90,364           | 1,805           |
| 8-Oct-14  | 73,382                  | 1,468              | 77,017           | 1,544           |
| 9-Oct-14  | 63,731                  | 1,271              | 95,204           | 1,900           |
| 10-Oct-14 | 31,708                  | 633                | 95,455           | 1,907           |
| 13-Oct-14 | 30,836                  | 616                | 89,938           | 1,801           |
| 14-Oct-14 | 56,194                  | 1,126              | 90,529           | 1,815           |
| 16-Oct-14 | 53,392                  | 1,071              | 89,720           | 1,802           |
| 17-Oct-14 | 47,439                  | 950                | 95,151           | 1,908           |
| 20-Oct-14 | 37,824                  | 758                | 90,322           | 1,814           |
| 21-Oct-14 | 76,880                  | 1,542              | 90,509           | 1,817           |
| 22-Oct-14 | 58,996                  | 1,183              | 1,02,149         | 2,052           |
| 23-Oct-14 | 542                     | 11                 | 1,02,477         | 2,059           |
| 27-Oct-14 | 80,652                  | 1,621              | 1,14,556         | 2,307           |
| 28-Oct-14 | 66,879                  | 1,345              | 1,23,029         | 2,477           |
| 29-Oct-14 | 1,56,272                | 3,143              | 1,37,622         | 2,771           |
| 30-Oct-14 | 2,16,387                | 4,365              | 1,18,240         | 2,384           |

Source: NSE

**Table 58: Daily Trends of Interest Rate Futures trading at MCX-SX during October 2014**

| Date      | No. of Contracts traded | Turnover (₹ crore) | Open Interest    |                 |
|-----------|-------------------------|--------------------|------------------|-----------------|
|           |                         |                    | No. of contracts | Value (₹ crore) |
| 1         | 2                       | 3                  | 4                | 5               |
| 1-Oct-14  | 6                       | 0                  | 406              | 8               |
| 7-Oct-14  | 14                      | 0                  | 416              | 8               |
| 8-Oct-14  | 40                      | 1                  | 435              | 9               |
| 9-Oct-14  | 55                      | 1                  | 455              | 9               |
| 10-Oct-14 | 10                      | 0                  | 455              | 9               |
| 13-Oct-14 | 8                       | 0                  | 455              | 9               |
| 14-Oct-14 | 9                       | 0                  | 455              | 9               |
| 16-Oct-14 | 9                       | 0                  | 455              | 9               |
| 17-Oct-14 | 20                      | 0                  | 455              | 9               |
| 20-Oct-14 | 8                       | 0                  | 455              | 9               |
| 21-Oct-14 | 17                      | 0                  | 455              | 9               |
| 22-Oct-14 | 8                       | 0                  | 455              | 9               |
| 23-Oct-14 | 1                       | 0                  | 455              | 9               |
| 27-Oct-14 | 2                       | 0                  | 455              | 9               |
| 28-Oct-14 | 3                       | 0                  | 455              | 9               |
| 29-Oct-14 | 8                       | 0                  | 456              | 9               |
| 30-Oct-14 | 35                      | 1                  | 456              | 9               |
| 31-Oct-14 | 13                      | 0                  | 2                | 0               |

Source: MCX-SX

**Table 59: Settlement Statistics in Interest Rate Futures at BSE, NSE and MCX-SX**

(₹ crore)

| Year/ Month | BSE            |                              | NSE            |                              | MCX_SX         |                              |
|-------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|
|             | MTM Settlement | Physical Delivery Settlement | MTM Settlement | Physical Delivery Settlement | MTM Settlement | Physical Delivery Settlement |
| 1           | 2              | 3                            | 4              | 5                            | 6              | 7                            |
| 2010-11     | Na             |                              | 2.2            | 12.7                         | Na             |                              |
| 2011-12     |                |                              | 0.4            | 0.1                          |                |                              |
| 2012-13     |                |                              | 0.0            | 0.0                          |                |                              |
| 2013-14     | 2.5            | 0.2                          | 66.3           | 3.0                          | 3.1            | 0.0                          |
| 2014-15\$   | 17.9           | 1.2                          | 44.9           | 1.5                          | 0.3            | 0.0                          |
| Apr-14      | 16.6           | 0.3                          | 44.1           | 0.4                          | 1.9            | 0.0                          |
| May-14      | 25.3           | 0.2                          | 47.1           | 0.2                          | 0.5            | 0.0                          |
| Jun-14      | 24.6           | 0.5                          | 49.2           | 0.4                          | 0.2            | 0.0                          |
| Jul-14      | 10.5           | 0.1                          | 44.0           | 0.2                          | 0.5            | 0.0                          |
| Aug-14      | 14.8           | 0.2                          | 39.9           | 0.5                          | 0.6            | 0.0                          |
| Sep-14      | 14.7           | 0.1                          | 33.1           | 0.2                          | 19.5           | 0.0                          |
| Oct-14      | 17.9           | 1.2                          | 44.9           | 1.5                          | 0.3            | 0.0                          |

- Notes: 1. Interest Rate Futures at NSE trading started on August 31, 2009 and includes both 10 Year G-Secs and 91 DTB  
 2. Interest Rate Derivatives trading started at BSE on November 29, 2013 and at MCX-SX on January 20, 2014.

3. Na: Not Applicable

\$ indicates as on October 31, 2014.

Source: NSE, BSE and MCXSX

**Table 60: Trends in Foreign Portfolio Investment**

| Year/Month | Gross Purchase<br>(₹ crore) | Gross Sales<br>(₹ crore) | Net Investment<br>(₹ crore) | Net Investment<br>(US \$ mn.) | Cumulative Net<br>Investment (US \$ mn.) |
|------------|-----------------------------|--------------------------|-----------------------------|-------------------------------|--|
| 1          | 2                           | 3                        | 4                           | 5                             | 6  |
| 2008-09    | 6,14,579                    | 6,60,389                 | -45,811                     | -9,837                        | 59,081                                   |
| 2009-10    | 8,46,438                    | 7,03,780                 | 1,42,658                    | 30,251                        | 89,333                                   |
| 2010-11    | 9,92,599                    | 8,46,161                 | 1,46,438                    | 32,226                        | 121,559                                  |
| 2011-12    | 9,21,285                    | 8,27,562                 | 93,725                      | 18,923                        | 140,482                                  |
| 2012-13    | 9,04,845                    | 7,36,481                 | 1,68,367                    | 31,047                        | 171,529                                  |
| 2013-14    | 10,21,010                   | 9,69,361                 | 51,649                      | 8,876                         | 180,405                                  |
| 2014-15\$  | 8,72,977                    | 7,12,194                 | 1,60,784                    | 26,811                        | 207,223                                  |
| Apr-14     | 90,853                      | 90,436                   | 418                         | 76                            | 180,480                                  |
| May-14     | 1,55,525                    | 1,21,747                 | 33,778                      | 5,701                         | 186,181                                  |
| Jun-14     | 1,52,548                    | 1,21,842                 | 30,705                      | 5,188                         | 191,377                                  |
| Jul-14     | 1,30,902                    | 94,856                   | 36,046                      | 6,009                         | 197,386                                  |
| Aug-14     | 1,11,481                    | 89,348                   | 22,134                      | 3,646                         | 201,032                                  |
| Sep-14     | 1,31,805                    | 1,10,833                 | 20,972                      | 3,460                         | 204,493                                  |
| Oct-14     | 99,864                      | 83,132                   | 16,732                      | 2,730                         | 207,223                                  |

\$ indicates as on October 31, 2014.

Source: NSDL, CDSL

Table 61: Daily Trends in Foreign Portfolio Investment during October 2014

| Date      | Equity                      |                          |                               |                             | Debt                     |                             |                                |                             | Total                    |                             |                               |
|-----------|-----------------------------|--------------------------|-------------------------------|-----------------------------|--------------------------|-----------------------------|--------------------------------|-----------------------------|--------------------------|-----------------------------|-------------------------------|
|           | Gross Purchase<br>(₹ crore) | Gross Sales<br>(₹ crore) | Net Investment<br>(US \$ mn.) | Gross Purchase<br>(₹ crore) | Gross Sales<br>(₹ crore) | Net Investment<br>(₹ crore) | Net Investment<br>(US \$ mn.)* | Gross Purchase<br>(₹ crore) | Gross Sales<br>(₹ crore) | Net Investment<br>(₹ crore) | Net Investment<br>(US \$ mn.) |
| 1         | 2                           | 3                        | 4                             | 5                           | 6                        | 7                           | 8                              | 9                           | 10                       | 11                          | 12                            |
| 1-Oct-14  | 4,798                       | 4,955                    | -157                          | -26                         | 1,374                    | 604                         | 771                            | 125                         | 6,172                    | 5,558                       | 614                           |
| 7-Oct-14  | 3,943                       | 3,357                    | 586                           | 95                          | 4,574                    | 1,944                       | 2,629                          | 426                         | 8,516                    | 5,301                       | 3,216                         |
| 8-Oct-14  | 5,095                       | 5,136                    | -41                           | -7                          | 527                      | 1,615                       | -1,088                         | -177                        | 5,622                    | 6,751                       | -1,129                        |
| 9-Oct-14  | 3,268                       | 4,457                    | -1,190                        | -194                        | 1,645                    | 1,280                       | 365                            | 59                          | 4,913                    | 5,737                       | -825                          |
| 10-Oct-14 | 3,149                       | 3,134                    | 15                            | 2                           | 4,108                    | 478                         | 3,630                          | 595                         | 7,257                    | 3,612                       | 3,645                         |
| 13-Oct-14 | 2,577                       | 3,227                    | -650                          | -106                        | 1,625                    | 84                          | 1,541                          | 252                         | 4,202                    | 3,310                       | 892                           |
| 14-Oct-14 | 2,529                       | 3,071                    | -542                          | -89                         | 1,466                    | 76                          | 1,390                          | 227                         | 3,994                    | 3,147                       | 848                           |
| 16-Oct-14 | 2,922                       | 3,602                    | -679                          | -111                        | 1,935                    | 612                         | 1,322                          | 216                         | 4,857                    | 4,214                       | 643                           |
| 17-Oct-14 | 4,205                       | 5,302                    | -1,097                        | -178                        | 1,358                    | 1,718                       | -360                           | -59                         | 5,563                    | 7,020                       | -1,457                        |
| 20-Oct-14 | 3,583                       | 4,979                    | -1,397                        | -227                        | 1,422                    | 550                         | 871                            | 141                         | 5,004                    | 5,529                       | -525                          |
| 21-Oct-14 | 5,961                       | 4,425                    | 1,536                         | 251                         | 1,245                    | 326                         | 919                            | 150                         | 7,206                    | 4,751                       | 2,456                         |
| 22-Oct-14 | 4,771                       | 4,656                    | 116                           | 19                          | 1,015                    | 362                         | 653                            | 107                         | 5,787                    | 5,018                       | 769                           |
| 27-Oct-14 | 3,814                       | 3,685                    | 129                           | 21                          | 2038.68                  | 660                         | 1378.36                        | 225.09                      | 5,853                    | 4,346                       | 1,508                         |
| 28-Oct-14 | 3,932                       | 3,867                    | 65                            | 11                          | 1,755                    | 198                         | 1,556                          | 254                         | 5,686                    | 4,065                       | 1,621                         |
| 29-Oct-14 | 3,709                       | 3,780                    | -71                           | -12                         | 1,731                    | 501                         | 1,230                          | 200                         | 5,440                    | 4,281                       | 1,158                         |
| 30-Oct-14 | 4,407                       | 3,652                    | 755                           | 123                         | 914                      | 407                         | 507                            | 83                          | 5,321                    | 4,060                       | 1,262                         |
| 31-Oct-14 | 6,655                       | 5,205                    | 1,450                         | 236                         | 1,814                    | 1,227                       | 587                            | 95                          | 8,469                    | 6,432                       | 2,037                         |
| Total     | 69,317                      | 70,488                   | -1,172                        | -191                        | 30,547                   | 12,643                      | 17,903                         | 2,920                       | 99,864                   | 83,132                      | 16,732                        |
|           |                             |                          |                               |                             |                          |                             |                                |                             |                          |                             | 2,730                         |

Note: The data presented above is compiled on the basis of reports submitted to depositories by custodians on 30-June-2014 and constitutes trades conducted by deemed FPIs/ FPIs on and upto the previous trading day(s).

Source: NSDL, CDSL

**Table 62: Notional Value of Offshore Derivative Instruments (ODIs) Vs Assets Under Custody (AUC) of FPIs/Deemed FPIs**

(in ₹ 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 (4) | Notional value of ODIs on Equity & Debt excluding Derivatives as % of (4) |
|-------------|--|---|---|--|---|
| 1           | 2  | 3   | 4   | 5  | 6   |
| 2011-12     | 1,65,832   | 1,15,332  | 11,07,399                                 | 15.0   | 10.4  |
| 2012-13     | 1,47,905   | 1,04,229  | 13,36,557                                 | 11.1   | 7.8   |
| 2013-14     | 2,07,639   | 1,35,821  | 15,93,869                                 | 13.0   | 8.5   |
| 2014-15\$   | 2,65,675   | 1,86,496  | 21,71,276                                 | 12.2   | 8.6   |
| Apr-14      | 1,87,486   | 1,27,627  | 16,06,596                                 | 11.7   | 7.9   |
| May-14      | 2,11,740   | 1,45,258  | 17,70,781                                 | 12.0   | 8.2   |
| Jun-14      | 2,24,248   | 1,58,532  | 19,09,400                                 | 11.7   | 8.3   |
| Jul-14      | 2,08,284   | 1,58,303  | 19,71,822                                 | 10.6   | 8.0   |
| Aug-14      | 211,499  | 1,61,682  | 20,47,175                                 | 10.3   | 7.9   |
| Sep-14      | 222,394  | 1,68,322  | 20,84,161                                 | 10.7   | 8.1   |
| Oct-14      | 265,675  | 1,86,496  | 21,71,276                                 | 12.2   | 8.6   |

- 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 include 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 October 31, 2014.

Source: SEBI.



**Table 65: Type-wise Resource Mobilisation by Mutual Funds : Open-ended and Close-ended**

| Scheme      | 2012-13   |           |          | 2013-14   |           |         | 2014-15\$ |           |          | Oct-14   |          |           |
|-------------|-----------|-----------|----------|-----------|-----------|---------|-----------|-----------|----------|----------|----------|-----------|
|             | Sale      | Purchase  | Net      | Sale      | Purchase  | Net     | Sale      | Purchase  | Net      | Sale     | Purchase | Net       |
| 1           | 2         | 3         | 4        | 5         | 6         | 7       | 8         | 9         | 10       | 11       | 12       | 13        |
| Open-ended  | 71,87,928 | 70,84,206 | 1,03,723 | 96,17,980 | 96,07,526 | -10,454 | 60,94,396 | 62,83,021 | 1,88,625 | 7,84,827 | 9,08,514 | 1,23,687  |
| Close-ended | 72,047    | 98,586    | -26,539  | 84,626    | 1,44,368  | 59,742  | 67,446    | 37,307    | -30,139  | 2,453    | 3,350    | 897       |
| Interval    | 7,910     | 8,555     | -645     | 11,713    | 16,207    | 4,494   | 4,872     | 1,344     | -3,527   | 159      | 16       | -143      |
| Total       | 72,67,885 | 71,91,346 | 76,539   | 97,14,318 | 97,68,101 | 53,783  | 61,66,714 | 63,21,672 | 1,54,958 | 7,87,440 | 9,11,880 | 1,24,441  |
|             |           |           |          |           |           |         |           |           |          |          |          | 10,95,653 |

Note: Net assets of Rs.5916.38 crores pertaining to Funds of Schemes for October '14 is not included in the above data.  
\$ indicates as on October 31, 2014.

Source: SEBI.

**Table 66: Scheme-wise Resource Mobilisation and Assets under Management by Mutual Funds**

| Type  | 2013-14   |           |        | 2014-15\$                   |           |           | Oct-14   |                             |          |          |          |
|---|-----------|-----------|--------|-----------------------------|-----------|-----------|----------|-----------------------------|----------|----------|----------|
|   | Sale      | Purchase  | Net    | Assets at the end of Period | Sale      | Purchase  | Net      | Assets at the end of Period | Sale     | Purchase | Net      |
| 1   | 2         | 3         | 4      | 5                           | 6         | 7         | 8        | 9                           | 10       | 11       | 12       |
| A. Income/Debt Oriented Schemes (i+ii+iii+iv) | 96,46,422 | 97,09,762 | 63,340 | 6,00,945                    | 61,17,408 | 62,31,880 | 1,14,472 | 7,62,061                    | 7,82,660 | 8,99,085 | 1,16,426 |
| i. Liquid/Money Market                        | 90,74,448 | 90,98,547 | 24,098 | 1,33,280                    | 58,37,895 | 59,69,102 | 1,31,206 | 2,78,807                    | 7,62,722 | 8,63,333 | 1,00,611 |
| ii. Gilt                                      | 11,785    | 9,917     | -1,868 | 6,115                       | 3,051     | 2,549     | -502     | 6,158                       | 162      | 529      | 367      |
| iii. Debt (other than assured return)         | 5,60,189  | 6,00,736  | 40,547 | 4,60,672                    | 2,76,462  | 2,60,042  | -16,419  | 4,75,968                    | 19,776   | 35,223   | 15,447   |
| iv. Debt (assured return)                     | 0         | 0         | 0      | 0                           | 0         | 0         | 0        | 0                           | 0        | 0        | 0        |
| v. Infrastructure Development                 | 0         | 563       | 563    | 879                         | 0         | 188       | 188      | 1,128                       | 0        | 0        | 0        |
| B. Growth/Equity Oriented Schemes (i+ii)      | 55,362    | 46,093    | -9,269 | 1,91,107                    | 40,497    | 79,266    | 38,769   | 2,97,159                    | 4,109    | 9,707    | 5,598    |
| i. ELSS                                       | 4,303     | 2,661     | -1,642 | 25,547                      | 3,193     | 2,746     | -447     | 34,322                      | 296      | 468      | 172      |
| ii. Others                                    | 51,059    | 43,432    | -7,627 | 1,65,560                    | 37,304    | 76,520    | 39,217   | 2,62,838                    | 3,813    | 9,240    | 5,426    |
| C. Balanced Schemes                           | 5,421     | 3,435     | -1,986 | 16,793                      | 2,327     | 5,925     | 3,598    | 18,063                      | 217      | 2,292    | 2,076    |
| D. Exchange Traded Fund (i+ii)                | 6,273     | 6,870     | 596    | 13,205                      | 5,648     | 4,115     | -1,533   | 21,080                      | 384      | 774      | 391      |
| i. Gold ETF                                   | 2,697     | 403       | -2,294 | 8,676                       | 1,078     | 62        | -1,016   | 7,031                       | 54       | 17       | -38      |
| ii. Other ETFs                                | 3,576     | 6,466     | 2,890  | 4,528                       | 4,570     | 4,053     | -517     | 5,466                       | 329      | 757      | 428      |
| E. Fund of Funds Investing Overseas           | 840       | 1,941     | 1,101  | 3,191                       | 833       | 486       | -347     | 2,856                       | 71       | 21       | -49      |
| Total (A+B+C+D+E)                             | 97,14,318 | 97,68,101 | 53,783 | 8,25,240                    | 61,66,714 | 63,21,672 | 1,54,958 | 11,01,220                   | 7,87,440 | 9,11,880 | 1,24,441 |

\$ indicates as on October 31, 2014.

Source: SEBI.

Table 67: Number of Schemes and Folios by Investment Objective (Number)

| Type   |            | 2013-14        |            |                    |                    |                  |                    | 2014-15\$          |            |            |               |                    |                    |
|--|------------|----------------|------------|--------------------|--------------------|------------------|--------------------|--------------------|------------|------------|---------------|--------------------|--------------------|
|  |            | No. of Schemes |            |                    | No. of Folios      |                  |                    | No. of Schemes     |            |            | No. of Folios |                    |                    |
|  |            | Open           | Closed     | Interval           | Total              | Open             | Closed             | Interval           | Total      | Open       | Closed        | Interval           | Total              |
| 1  |            | 2              | 3          | 4                  | 5                  | 6                | 7                  | 8                  | 9          | 10         | 11            | 12                 | 13                 |
| <b>A. Income/Debt Oriented Schemes<br/>(i+ii+iii+iv)</b> | <b>356</b> | <b>757</b>     | <b>65</b>  | <b>1,178</b>       | <b>60,11,967</b>   | <b>8,31,769</b>  | <b>23,589</b>      | <b>68,67,325</b>   | <b>370</b> | <b>909</b> | <b>77</b>     | <b>1,356</b>       | <b>61,69,468</b>   |
| i. Liquid/Money Market                                   | 53         | 0              | 0          | 53                 | 2,87,996           | 0                | 0                  | 2,87,996           | 53         | 0          | 0             | 53                 | 3,18,160           |
| ii. Gilt   | 44         | 0              | 0          | 44                 | 57,298             | 0                | 0                  | 57,298             | 47         | 0          | 0             | 47                 | 50,937             |
| iii. Debt<br>(other than assured return)                 | 259        | 753            | 65         | 1,077              | 56,66,673          | 8,31,740         | 23,589             | 65,22,002          | 270        | 905        | 77            | 1,252              | 58,00,371          |
| iv. Debt (assured return)                                | 0          | 0              | 0          | 0                  | 0                  | 0                | 0                  | 0                  | 0          | 0          | 0             | 0                  | 0                  |
| v. Infrastructure Development                            | 0          | 4              | 0          | 4                  | 0                  | 29               | 0                  | 29                 | 0          | 4          | 0             | 4                  | 0                  |
| <b>B. Growth/Equity Oriented Schemes<br/>(i+ii)</b>      | <b>325</b> | <b>0</b>       | <b>363</b> | <b>2,83,08,925</b> | <b>8,71,997</b>    | <b>0</b>         | <b>2,91,80,922</b> | <b>333</b>         | <b>54</b>  | <b>0</b>   | <b>387</b>    | <b>2,86,42,728</b> | <b>10,43,079</b>   |
| i. ELSS  | 38         | 14             | 0          | 52                 | 57,10,158          | 6,98,583         | 0                  | 64,08,741          | 38         | 14         | 0             | 52                 | 54,45,772          |
| ii. Others   | 287        | 24             | 0          | 311                | 2,25,98,767        | 1,73,414         | 0                  | 2,27,72,181        | 295        | 40         | 0             | 335                | 2,31,96,956        |
| <b>C. Balanced Schemes</b>                               | <b>29</b>  | <b>1</b>       | <b>0</b>   | <b>30</b>          | <b>26,12,681</b>   | <b>627</b>       | <b>0</b>           | <b>26,13,308</b>   | <b>25</b>  | <b>1</b>   | <b>0</b>      | <b>26</b>          | <b>18,30,134</b>   |
| <b>D. Exchange Traded Fund (i+ii)</b>                    | <b>40</b>  | <b>0</b>       | <b>0</b>   | <b>40</b>          | <b>7,04,841</b>    | <b>0</b>         | <b>0</b>           | <b>7,04,841</b>    | <b>43</b>  | <b>0</b>   | <b>0</b>      | <b>43</b>          | <b>6,96,073</b>    |
| i. Gold ETF  | 14         | 0              | 0          | 14                 | 5,02,613           | 0                | 0                  | 5,02,613           | 14         | 0          | 0             | 14                 | 4,79,142           |
| ii. Other ETFs   | 26         | 0              | 0          | 26                 | 2,02,228           | 0                | 0                  | 2,02,228           | 29         | 0          | 0             | 29                 | 2,16,931           |
| E. Fund of Funds Investing Overseas                      | 27         | 0              | 0          | 27                 | 1,82,014           | 0                | 0                  | 1,82,014           | 31         | 0          | 0             | 31                 | 1,66,285           |
| <b>Total (A+B+C+D+E)</b>                                 | <b>777</b> | <b>796</b>     | <b>65</b>  | <b>1,638</b>       | <b>3,78,20,428</b> | <b>17,04,393</b> | <b>23,589</b>      | <b>3,95,48,410</b> | <b>802</b> | <b>964</b> | <b>77</b>     | <b>1,843</b>       | <b>3,75,04,688</b> |
|  |            |                |            |                    |                    |                  |                    |                    |            |            |               |                    | <b>18,019</b>      |
|  |            |                |            |                    |                    |                  |                    |                    |            |            |               |                    | <b>3,95,09,007</b> |

Note: Data for No. of Schemes also includes serial plans.

\$ indicates as on October 31, 2014.

Source: SEBI.

Table 68: Trends in Transactions on Stock Exchanges by Mutual Funds

| 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 |
| 1           | 2              | 3           | 4                   | 5              | 6           | 7                   | 8              | 9           | 10                  |
| 2008-09     | 1,44,069       | 1,37,085    | 6,985               | 3,27,744       | 2,45,942    | 81,803              | 4,71,814       | 3,83,026    | 88,787              |
| 2009-10     | 1,95,662       | 2,06,173    | -10,512             | 6,24,314       | 4,43,728    | 1,80,588            | 8,19,976       | 6,49,901    | 1,70,076            |
| 2010-11     | 1,54,217       | 1,74,018    | -19,802             | 7,62,644       | 5,13,493    | 2,49,153            | 9,16,861       | 6,87,511    | 2,29,352            |
| 2011-12     | 1,32,137       | 1,33,494    | -1,358              | 11,16,760      | 7,81,940    | 3,34,820            | 12,48,897      | 9,15,434    | 3,33,463            |
| 2012-13     | 1,13,758       | 1,36,507    | -22,749             | 15,23,393      | 10,49,934   | 4,73,460            | 16,37,150      | 11,86,440   | 4,50,711            |
| 2013-14     | 1,12,131       | 1,33,356    | -21,224             | 1,538,087      | 994,842     | 5,43,247            | 1,650,219      | 1,128,197   | 5,22,023            |
| 2014-15\$   | 1,29,369       | 1,06,489    | 22,880              | 10,14,037      | 6,99,540    | 3,14,498            | 11,43,406      | 8,06,029    | 3,37,377            |
| Apr-14      | 12,018         | 14,715      | -2,698              | 1,49,935       | 1,00,001    | 49,934              | 1,61,952       | 1,14,716    | 47,236              |
| May-14      | 20,400         | 20,294      | 106                 | 1,55,449       | 1,04,769    | 50,680              | 1,75,849       | 1,25,063    | 50,786              |
| Jun-14      | 19,744         | 16,404      | 3,340               | 1,67,120       | 99,252      | 67,868              | 1,86,864       | 1,15,656    | 71,208              |
| Jul-14      | 21,527         | 16,463      | 5,064               | 1,28,417       | 1,09,630    | 18,787              | 1,49,943       | 1,26,093    | 23,851              |
| Aug-14      | 17,877         | 10,919      | 6,957               | 1,49,788       | 77,893      | 71,895              | 1,67,664       | 88,812      | 78,852              |
| Sep-14      | 20,322         | 16,151      | 4,172               | 1,51,140       | 1,27,723    | 23,417              | 1,71,462       | 1,43,874    | 27,588              |
| Oct-14      | 17,483         | 11,543      | 5,940               | 1,12,189       | 80,272      | 31,917              | 1,29,672       | 91,815      | 37,857              |

\$ indicates as on October 31, 2014.

Source: SEBI

Table 69 : Asset Under Management by Portfolio Manager

| Year/Month        | 2012-13     |               |                   | 2013-14  |               |                   | Sep-14           |               |                   | Oct-14      |               |                   |
|-------------------|-------------|---------------|-------------------|----------|---------------|-------------------|------------------|---------------|-------------------|-------------|---------------|-------------------|
|                   | Particulars | Discretionary | Non-Discretionary | Advisory | Discretionary | Non-Discretionary | Advisory         | Discretionary | Non-Discretionary | Advisory    | Discretionary | Non-Discretionary |
| 1                 | 2           | 3             | 4                 | 5        | 6             | 7                 | 8                | 9             | 10                | 11          | 12            | 13                |
| No. of Clients    | 50,937      | 4,461         | 11,187            | 42,771   | 4,932         | 9,774             | 40,104           | 3,143         | 5,128             | 39,625      | 3,169         | 4,140             |
|                   |             |               |                   |          |               |                   | AUM (₹ in crore) |               |                   |             |               |                   |
| Listed Equity     | 15,738      | 3,888         |                   | 21,948   | 6,136         |                   | 32,966           | 7,224         |                   | 34,746      | 7,569         |                   |
| Unlisted Equity   | 1,481       | 56            |                   | 1,451    | 82            |                   | 1,291            | 74            |                   | 1,334       | 77            |                   |
| Plain Debt        | 4,62,715    | 16,898        |                   | 5,44,804 | 26,595        |                   | 5,79,044         | 30,280        |                   | 5,83,097    | 30,955        |                   |
| Structured Debt   | 1,063       | 726           |                   | 460      | 639           |                   | 295              | 333           |                   | 237         | 333           |                   |
| Equity Derivative | 75          | 0             |                   | 79,841   | 92            | -2                | 1,43,004         |               | 1,37,055*         |             | 148430.23*    |                   |
| Mutual Fund       | 3,939       | 4,406         |                   | 2,754    | 5,882         |                   | 4,301            | 4,031         |                   | 4,153       | 4,004         |                   |
| Others            | 14,841      | 324           |                   | 14,086   | 397           |                   | 18,600           | 448           |                   | 19,432      | 162           |                   |
| Total             | 4,99,851    | 26,298        |                   | 5,85,594 | 39,728        |                   | 63,6685.31#      | 42,405        |                   | 64,3180.22# | 43,118        |                   |

Notes: 1. The above data is based on the monthly reports received from portfolio managers.

2. \*Value of Assets for which Advisory Services are being given.

3. # Of the above AUM ₹5,78,981 crore is contributed by funds from EPFO/PFs.

4. ## Of the above AUM ₹5,83,635 crore is contributed by funds from EPFO/PFs.

Source: SEBI.

Table 70: Progress Report of NSDL &amp; CDSL as on October 31, 2014 (Listed companies)

| Parameter   | Unit    | NSDL      |           |           | CDSL  |        |           |           |   |
|---|---------|-----------|-----------|-----------|---|--------|-----------|-----------|---|
|   |         | Oct-14    | Sep-14    | Oct-13    | Percent Change over Corresponding Previous year | Oct-14 | Sep-14    | Oct-13    | Percent Change over Corresponding Previous year |
| 1   | 2       | 3         | 4         | 5         | 6   | 7      | 8         | 9         | 10  |
| Number of companies signed up to make their shares available for dematerialization                    | Number  | 5,804     | 5,785     | 5,588     | 3.9   | 0.3    | 6,022     | 5,999     | 5,790   |
| Number of Depository Participants (registered)  | Number  | 273       | 273       | 281       | -2.8  | 0.0    | 575       | 576       | 583   |
| Number of Stock Exchanges (Connected)   | Number  | 6         | 6         | 8         | -25.0   | 0.0    | 8         | 8         | 8   |
| Number of Investors Accounts  | Lakh    | 134.6     | 133.0     | 129.7     | 3.8   | 1.2    | 92.0      | 91.2      | 86.1  |
| Quantity of Shares dematerialized   | crore   | 36,648    | 36,421    | 35,063    | 4.5   | 0.6    | 10,306    | 10,213    | 8,623   |
| Value of Shares dematerialized  | ₹crore  | 82,17,725 | 79,24,875 | 57,72,796 | 42.4  | 3.7    | 13,08,990 | 12,74,458 | 8,88,175  |
| Quantity of Securities dematerialized #   | crore   | 39,561    | 39,252    | 35,806    | 10.5  | 0.8    | 10,565    | 10,463    | 8,743   |
| Value of Securities dematerialized #  | ₹crore  | 96,35,697 | 91,97,481 | 69,82,107 | 38.0  | 4.8    | 13,50,744 | 13,14,987 | 9,22,334  |
| Quantity of shares settled during the month   | crore   | 624       | 929       | 518       | 20.5  | -32.9  | 423       | 733       | 336   |
| Average Quantity of shares settled daily (quantity of shares settled during the month divided by 30)) | crore   | 21        | 31        | 17        | 20.5  | -32.9  | 14        | 24        | 11  |
| Value of shares settled during the month in dematerialized form                                       | ₹crore  | 1,23,559  | 1,81,635  | 95,677    | 29.1  | -32.0  | 31,087    | 51,677    | 25,566  |
| Average Value of shares settled daily (value of shares settled during the month (divided by 30))      | ₹crore  | 4,119     | 6,054     | 3,189     | 29.1  | -32.0  | 1,036     | 1,723     | 852   |
| Training Programmes conducted for representatives of Corporates, DPs and Brokers                      | Number  | 10        | 24        | 20        | -50.0   | -58.3  | 41        | 10        | 286   |
| The ratio of dematerialized equity shares to the total outstanding shares (market value)              | percent | 83.9      | 83.7      | 83.5      | 0.5   | 0.3    | 13.6      | 14.1      | 13.7  |
|   |         |           |           |           |   |        |           | -0.5      | -3.4  |

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

| Year/<br>Month | NSDL              |             |                  |  |                          | CDSL              |             |                  |   |                          |
|----------------|-------------------|-------------|------------------|--|--------------------------|-------------------|-------------|------------------|---|--------------------------|
|                | Companies<br>Live | DPs<br>Live | DPS<br>Locations | Demat<br>Quantity<br>(million<br>securities) | Demat Value<br>(₹ crore) | Companies<br>Live | DPS<br>Live | DPS<br>Locations | Demat<br>Quantity<br>(million securities) | Demat Value<br>(₹ crore) |
| 1              | 2                 | 3           | 4                | 5  | 6                        | 7                 | 8           | 9                | 10  | 11                       |
| 2008-09        | 7,801             | 275         | 8,777            | 2,82,870                                     | 31,06,624                | 6,213             | 461         | 6,934            | 70,820                                    | 4,39,703                 |
| 2009-10        | 8,124             | 286         | 11,170           | 3,51,138                                     | 56,17,842                | 6,801             | 490         | 8,590            | 77,950                                    | 8,38,928                 |
| 2010-11        | 8,842             | 293         | 12,767           | 4,71,304                                     | 66,07,900                | 8,030             | 544         | 10,052           | 1,05,310                                  | 10,81,417                |
| 2011-12        | 9,741             | 282         | 14,033           | 5,79,801                                     | 71,32,300                | 9,928             | 566         | 10,644           | 1,33,570                                  | 10,20,569                |
| 2012-13        | 10,844            | 282         | 14,641           | 6,86,476                                     | 76,79,027                | 8,062             | 577         | 12,601           | 1,51,792                                  | 9,85,038                 |
| 2013-14        | 12,211            | 278         | 14,444           | 7,95,503                                     | 89,39,900                | 8,630             | 578         | 11,381           | 1,77,311                                  | 10,87,603                |
| 2014-15\$      | 13,169            | 273         | 14,380           | 8,70,237                                     | 1,10,19,562              | 8,999             | 575         | 11,101           | 1,89,497                                  | 14,28,365                |
| Apr-14         | 12,390            | 278         | 14,437           | 8,04,633                                     | 89,84,700                | 8,679             | 573         | 11,290           | 1,78,449                                  | 11,21,336                |
| May-14         | 12,530            | 277         | 14,433           | 8,20,029                                     | 97,64,100                | 8,740             | 579         | 11,176           | 1,80,091                                  | 12,82,958                |
| Jun-14         | 12,654            | 277         | 14,295           | 8,26,578                                     | 1,02,84,765              | 8,801             | 577         | 11,129           | 1,82,841                                  | 13,87,486                |
| Jul-14         | 12,809            | 275         | 14,268           | 8,40,385                                     | 1,02,94,473              | 8,844             | 578         | 11,109           | 1,83,886                                  | 13,47,258                |
| Aug-14         | 12,902            | 274         | 14,291           | 8,44,967                                     | 1,05,59,587              | 8,887             | 578         | 11,072           | 1,85,554                                  | 13,81,167                |
| Sep-14         | 13,056            | 273         | 14,319           | 8,61,853                                     | 1,07,18,010              | 8,955             | 576         | 11,084           | 1,88,701                                  | 13,91,953                |
| Oct-14         | 13,169            | 273         | 14,380           | 8,70,237                                     | 1,10,19,562              | 8,999             | 575         | 11,101           | 1,89,497                                  | 14,28,365                |

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 October 31, 2014.

Source: NSDL and CDSL.

Table 72: Depository statistics for October 2014

| Particulars   | Unit   | Debt      |          | Equity    |           | Others   |          | Total     |
|---|--------|-----------|----------|-----------|-----------|----------|----------|-----------|
|   |        | Listed    | Unlisted | Listed    | Unlisted  | Listed   | Unlisted |           |
| <b>NSDL</b>   |        |           |          |           |           |          |          |           |
| Issuers(debt)/ Companies(equity), who have issued the active instrument * | Number | 571       | 618      | 5,804     | 5,674     | 60       | 2,240    | 6,435     |
| Active Instruments *  | Number | 7,995     | 3,923    | 11,625    | 6,074     | 6,173    | 21,631   | 25,793    |
| Dematerialised Quantity *   | Lakh   | 8,429     | 1,21,026 | 36,64,794 | 40,14,115 | 2,82,927 | 6,11,080 | 39,56,150 |
| Dematerialised Value *  | ₹crore | 13,78,269 | 2,17,890 | 82,17,725 | 3,80,543  | 39,703   | 7,85,432 | 96,35,697 |
| Quantity settled during the month   | Lakh   | 291       | 5,913    | 62,371    | 3         | 3,906    | 276      | 66,567    |
| Value Settled during the month  | ₹crore | 1,83,186  | 20,800   | 1,23,559  | 2         | 604      | 114      | 3,07,349  |
| <b>CDSL</b>   |        |           |          |           |           |          |          |           |
| Issuers(debt)/ Companies(equity), who have issued the active instrument * | Number | 457       | 181      | 6,022     | 1,800     | 2,517    | 293      | 8,996     |
| Active Instruments *  | Number | 16,974    | 3,742    | 8,145     | 2,182     | 29,355   | 4,656    | 54,474    |
| Dematerialised Quantity *   | Lakh   | 1,127     | 8,898    | 10,30,599 | 6,94,661  | 24,823   | 1,34,860 | 10,56,549 |
| Dematerialised Value *  | ₹crore | 32,284    | 9,645    | 13,08,990 | 50,798    | 9,470    | 17,178   | 13,50,744 |
| Quantity settled during the month   | Lakh   | 0         | 0        | 423       | 0         | 20       | 0        | 443       |
| Value Settled during the month  | ₹crore | 581       | 0        | 31,087    | 0         | 926      | 0        | 32,593    |

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

\* indicates cumulative figures as of end of October 2014

Source: NSDL and CDSL.

**Table 73: Macro Economic Indicators**

|   |  |           |           |           |             |
|---|--|-----------|-----------|-----------|-------------|
| <b>I.</b>   | GDP at market prices for 2013-14 (at 2004-05 prices) (₹crore)*                           |           |           |           | 61,95,842   |
| <b>II.</b>  | Gross Domestic Saving as a percent of GDP at current market prices in 2012-13            |           |           |           | 30.1        |
| <b>III.</b>   | Gross Domestic Capital Formation as a percent of GDP at current market prices in 2012-13 |           |           |           | 34.8        |
| <b>IV. Monetary and Banking Indicators</b>  | June   | July      | August    | September | October     |
|   | 2014   | 2014      | 2014      | 2014      | 2014        |
| Cash Reserve Ratio (percent)  | 4.0  | 4.0       | 4.0       | 4.0       | 4.0         |
| Repo Rate (percent)   | 8.0  | 8.0       | 8.0       | 8.0       | 8.0         |
| Money Supply (M3) (₹ crore)   | 98,06,070  | 98,43,240 | 99,03,560 | 99,58,550 | 1,00,85,890 |
| Aggregate Deposit (₹ crore)   | 79,52,160  | 79,85,800 | 80,48,830 | 82,893    | 82,139      |
| Bank Credit (₹ crore)   | 61,22,530  | 61,12,510 | 61,17,110 | 62,690    | 62,200      |
| <b>V. Interest Rate</b>   |  |           |           |           |             |
| Call Money Rate (Weighted Average)  | 8.1  | 8.7       | 8.0       | 7.9       | 7.9         |
| 91-Day-Treasury Bill (Primary Yield)  | 8.6  | 8.6       | 8.6       | 8.5       | 8.4         |
| Base rate (percent)   | 10-10.25   | 10-10.25  | 10-10.25  | 10-10.25  | 10-10.25    |
| Term Deposit Rate > 1 year (Maximum)  | 9.1  | 9.1       | 9.1       | 9.1       | 9.1         |
| <b>VI. Capital Market Indicators (₹crore)</b>                                       |  |           |           |           |             |
| Turnover (BSE + NSE)  | 5,05,828   | 466,547   | 3,48,406  | 4,65,572  | 3,22,269    |
| Market Cap-BSE  | 90,20,000  | 90,10,270 | 92,59,481 | 93,82,249 | 96,84,691   |
| Market Cap-NSE  | 88,54,702  | 88,31,139 | 90,60,960 | 91,72,838 | 94,90,520   |
| Net FPI Investment in Equity  | 13,764   | 13,124    | 5,430     | 5,103     | -1,172      |
| <b>VII. Exchange Rate and Reserves</b>  |  |           |           |           |             |
| Forex Reserves (USD million)  | 315,779  | 320,564   | 291,393   | 3,11,427  | 3,15,910    |
| Re/ Dollar  | 60.1   | 60.1      | 60.5      | 61.6      | 61.4        |
| Re/Euro   | 81.9   | 81.0      | 79.9      | 78.5      | 77.2        |
| Forward Premia of USD 6-month   | 8.9  | 8.7       | 8.4       | 8.2       | 7.9         |
| <b>VIII. Public Borrowing and Inflation</b>   |  |           |           |           |             |
| Govt. Market Borrowing-Gross (₹ crore) FY 14-15                                     | 1,83,000   | 2,56,000  | 3,04,000  | 3,52,000  | 5,63,500    |
| Wholesale Price Index (Base 2004-05)  | 183.0  | 184.6     | 185.7     | 185.0     | 183.9       |
| Consumer Price Index (2010 = 100)   | 141.2  | 143.7     | 145.0     | 145.0     | 145.2       |
| <b>IX. Index of Industrial Production (y-o-y) percent (Base year 2004-05 = 100)</b> |  |           |           |           |             |
| General   | 170.5  | 172.1     | 166.2     | 171.7     | NA          |
| Mining  | 121.5  | 117.5     | 115.9     | 116.0     | NA          |
| Manufacturing   | 178.2  | 180.8     | 173.2     | 181.6     | NA          |
| Electricity   | 181.6  | 183.8     | 184.1     | 175.6     | NA          |
| <b>X. External Sector Indicators (USD million)</b>                                  |  |           |           |           |             |
| Exports   | 26,480   | 27,728    | 26,958    | 28,903    | 26,094      |
| Imports   | 38,243   | 39,956    | 37,797    | 43,151    | 39,452      |
| Trade Balance   | -11,763  | -12,229   | -10,839   | -14,247   | -13,357     |

Notes: 1. \* Provisional estimate

2. NA: Not Available.

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