## Weekly Program Trading Report(Total of All Trading Participant)

20-Apr-22

Tokyo Stock Exchange, Inc.

1.Program Trading (Apr 11 - Apr 15)

(thousand shares, million yen)

|                  | Program Trading |           |                     |                      |         |           |  |  |
|------------------|-----------------|-----------|---------------------|----------------------|---------|-----------|--|--|
|                  |                 |           | Transactions relate | d to Index arbitrage | Others  |           |  |  |
|                  | sales           | purchases | sales               | purchases            | sales   | purchases |  |  |
| Number of Shares | 385,319         | 345,720   | 59,605              | 38,816               | 325,714 | 306,904   |  |  |
| Value            | 982,760         | 896,549   | 158,100             | 106,577              | 824,660 | 789,972   |  |  |

## 2. Cash Position Related to Index Arbitrage (Apr 15)

(thousand shares, million yen)

|                  |                           | Sell Positions |         | Buy Positions             |         |         |  |
|------------------|---------------------------|----------------|---------|---------------------------|---------|---------|--|
|                  | Nearest Contract<br>Month | Others         | Total   | Nearest Contract<br>Month | Others  | Total   |  |
| Number of Shares | 41,045                    | 31,713         | 72,758  | 247,543                   | 45,402  | 292,945 |  |
| Change           | -8,880                    | 0              | -8,880  | -34,301                   | 0       | -34,301 |  |
| Value            | 124,930                   | 130,047        | 254,977 | 612,135                   | 184,774 | 796,909 |  |
| Change           | -30,409                   | 515            | -29,894 | -88,044                   | 723     | -87,321 |  |

Remarks: 1. Program trading is defined orders of 25 issues or more at one time.

- 2. Change means comparison to last weekend's position. indicates minus figures
- 3. The value of cash positions related to index arbitrage is evaluated by the weekend stock price.
- 4. Program trading excludes transactions through ToSTNeT.
- 5.Cash position related to index arbitrage reflects the change caused by transactions through ToSTNeT.
- 6. The "Nerest Contract Month" of "Cash position related to index arbitrage" includes the figures up to Jun contract of 2022

## Active Arbitrageurs Top 15 Trading Participant Apr 11 – Apr 15

(thousand shares,%)

| Name                                | Sales  |            | Purchases | 5          | Total  | 14 31141 (23,70) |
|-------------------------------------|--------|------------|-----------|------------|--------|------------------|
|                                     |        | Percentage |           | Percentage |        | Percentage       |
| Mitsubishi UFJ Morgan Stanley       | 42,544 | 71.4       | 15,150    | 39.0       | 57,694 | 58.6             |
| Mizuho                              | 2,273  | 3.8        | 18,208    | 46.9       | 20,481 | 20.8             |
| Jefferies                           | 4,346  | 7.3        | 5,149     | 13.3       | 9,495  | 9.6              |
| Societe Generale                    | 5,604  | 9.4        | 0         | 0.0        | 5,604  | 5.7              |
| Nomura                              | 4,838  | 8.1        | 309       | 0.8        | 5,147  | 5.2              |
| -                                   | _      | -          | ı         | -          | -      | -                |
| -                                   | _      | -          | ı         | -          | 1      | -                |
| -                                   | _      | _          | _         | -          | _      | -                |
| -                                   | _      | -          | ı         | -          | -      | -                |
| -                                   | _      | _          | _         | -          | _      | -                |
| -                                   | _      | _          | _         | -          | _      | -                |
| _                                   | _      | -          | ı         | -          | 1      | -                |
| -                                   |        | _          | _         | -          | _      | -                |
| -                                   | _      | -          | ı         | -          | -      | -                |
| _                                   | _      | _          | _         | _          | _      | _                |
| Total of Top 15 Trading Participant | 59,605 | 100.0      | 38,816    | 100.0      | 98,421 | 100.0            |
| Total of ALL Trading Participant    | 59,605 | 100.0      | 38,816    | 100.0      | 98,421 | 100.0            |

Remark: Based on the total of sales and purchases