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

01-Feb-23

Tokyo Stock Exchange, Inc.

1.Program Trading (Jan 23 – Jan 27)

(thousand shares, million yen)

	Program Trading						
			Transactions related	d to Index arbitrage	Others		
	sales	purchases	sales	purchases	sales	purchases	
Number of Shares	238,214	415,229	15,467	85,001	222,747	330,228	
Value	639,307	1,081,649	54,908	213,075	584,399	868,574	

## 2. Cash Position Related to Index Arbitrage (Jan 27)

(thousand shares, million yen)

	Sell Positions			Buy Positions			
	Nearest Contract Month	Others	Total	Nearest Contract Month	Others	Total	
Number of Shares	106,810	0	106,810	96,066	57,910	153,976	
Change	-89,692	0	-89,692	11,236	131	11,367	
Value	350,162	0	350,162	231,914	217,773	449,687	
Change	-201,830	0	-201,830	26,375	7,052	33,427	

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 Mar contract of 2023 Figures given for cash positions also reflect non-arbitrage related transactions in the cash market.

## Active Arbitrageurs Top 15 Trading Participant Jan 23 – Jan 27

(thousand shares,%)

Name	Sales		Purchases	5	Total	14 31141 (23,70)
		Percentage		Percentage		Percentage
Mizuho	8,251	53.3	59,016	69.4	67,267	67.0
Nomura	0	0.0	22,394	26.3	22,394	22.3
Mitsubishi UFJ Morgan Stanley	2,760	17.8	1,581	1.9	4,341	4.3
Jefferies	2,023	13.1	2,010	2.4	4,033	4.0
Societe Generale	2,433	15.7	0	0.0	2,433	2.4
-	_	-	_	-	_	-
-	_	-	-	-	-	_
-	-	_	-	-	1	-
-	_	-	-	-	_	_
-	_	_	-	-	_	-
-	_	-	-	-	-	_
-	_	-	_	-	-	-
-	_	-	_	-	-	-
-	-	-	-	-		_
_	_	_	_	_	_	_
Total of Top 15 Trading Participant	15,467	100.0	85,001	100.0	100,468	100.0
Total of ALL Trading Participant	15,467	100.0	85,001	100.0	100,468	100.0

Remark: Based on the total of sales and purchases