

November 3 - November 7, 2014

PROGRAM TRADING PURCHASES AND SALES

Trading on NYSE
(Average Daily - Millions) Current
Week

Total Buy Programs	183.6
Total Sell Programs	160.3
Total CS2 Programs	30.0
Total Programs	373.9
Total NYSE Volume*	1,633.0
Program Trading as % of Total NYSE Buy + Sell Volume	22.9%

NYSE Program Trading - 20 Most Active Member Firms

(Millions of Shares)

	Index Arbitrag	Non- Index	Non- CS2	Principa	Agency	Crossin Session	Grand Total
MORGAN STANLEY & CO. LLC	1.1	262.0	263.1	58.6	204.5	15.3	278.4
BARCLAYS CAPITAL INC.	-	217.2	217.2	25.2	192.0	21.3	238.5
MERRILL LYNCH, PIERCE, FENNER & SMITH, INC.	-	114.5	114.5	66.1	48.4	82.6	197.1
GOLDMAN, SACHS & COMPANY	-	176.6	176.6	169.7	6.9	2.7	179.3
SG AMERICAS SECURITIES, LLC	5.0	140.7	145.7	86.7	58.9	-	145.7
DEUTSCHE BANK SECURITIES INC.	-	110.5	110.5	40.1	70.5	11.9	122.4
LATOUR TRADING LLC	-	119.5	119.5	119.5	-	-	119.5
INSTINET, LLC	4.0	108.2	112.2	6.7	105.5	-	112.2
CREDIT SUISSE SECURITIES (USA) LLC	0.9	81.8	82.7	56.9	25.7	-	82.7
RBC CAPITAL MARKETS LLC	4.5	57.5	62.0	62.0	-	-	62.0
J.P. MORGAN SECURITIES LLC	-	58.6	58.6	25.9	32.7	-	58.6
UBS SECURITIES LLC	-	53.7	53.7	3.1	50.6	-	53.7
CITIGROUP GLOBAL MARKETS INC.	-	28.0	28.0	13.8	14.2	16.2	44.2
SIG BROKERAGE L.P.	-	40.1	40.1	-	40.1	-	40.1
ITG INC.	-	35.0	35.0	-	35.0	-	35.0
BNP PARIBAS SECURITIES CORP	-	25.1	25.1	-	25.1	-	25.1
TWO SIGMA SECURITIES, LLC	-	25.0	25.0	25.0	-	-	25.0
SANFORD C. BERNSTEIN & CO., LLC	-	18.1	18.1	-	18.1	-	18.1
GOLDMAN SACHS EXECUTION & CLEARING, LP	-	7.7	7.7	-	7.7	-	7.7
INTERACTIVE BROKERS LLC	0.3	6.5	6.8	-	6.8	-	6.8
Total for 20 Member Firms	15.8	1,686.3	1,702.1	759.3	942.7	150.0	1,852.1
Total for All Firms Reporting	17.4	1,703.3	1,720.6	772.8	947.7	150.0	1,870.6
% of Total	0.9%	91.1%	92.0%	41.3%	50.7%	8.0%	100.0%

+ Total NYSE volume is the sum of shares bought, sold and sold short on the NYSE, during regular NYSE trading hours, plus crossing session 2.

Totals may not sum exactly due to rounding.

(** See Appendix)

Note 1: NYSE program trading totals include purchases and sales during regular trading hours, plus crossing session 2.

Note 2: Program Trading Totals in this report were compiled from member firms executed volume from NYSE's orders database.

NYSE Strategic Analysis

November 2014