

October 21 - October 25, 2013

**PROGRAM TRADING PURCHASES AND SALES**

Trading on NYSE  
(Average Daily - Millions)

Current  
Week

Total Buy Programs	175.5
Total Sell Programs	158.0
Total CS2 Programs	32.9
Total Programs	366.4
Total NYSE Volume*	1,504.2
Program Trading as % of Total NYSE Buy + Sell Volume	24.4%

**NYSE Program Trading - 20 Most Active Member Firms**

(Millions of Shares)

	Index Arbitrage	Non-Index Arbitrage	Non-CS2 Total	Principal	Agency	Crossing Session 2	Grand Total
MORGAN STANLEY & CO. LLC	0.6	255.8	256.4	66.2	190.2	32.9	289.3
BARCLAYS CAPITAL INC.	-	248.6	248.6	79.0	169.6	25.3	273.9
SG AMERICAS SECURITIES, LLC	4.8	154.2	159.1	93.1	65.9	-	159.1
GOLDMAN, SACHS & CO.	-	146.7	146.7	139.1	7.6	1.3	148.1
DEUTSCHE BANK SECURITIES INC.	0.6	126.8	127.4	37.1	90.4	12.3	139.7
LATOUR TRADING LLC	-	123.8	123.8	123.8	-	-	123.8
MERRILL LYNCH, PIERCE, FENNER & SMITH	-	82.3	82.3	57.7	24.6	36.1	118.4
INSTINET, LLC	-	93.0	93.0	6.4	86.6	-	93.0
J.P. MORGAN SECURITIES LLC	-	79.9	79.9	29.4	50.5	-	79.9
CITIGROUP GLOBAL MARKETS INC.	-	26.9	26.9	5.4	21.6	52.9	79.9
CREDIT SUISSE SECURITIES (USA) LLC	0.8	58.9	59.7	44.6	15.1	-	59.7
UBS SECURITIES LLC	-	51.5	51.5	3.6	47.9	3.7	55.1
RBC CAPITAL MARKETS, LLC	9.6	38.7	48.4	48.4	-	-	48.4
BNP PARIBAS PRIME BROKERAGE, INC.	-	27.7	27.7	-	27.7	-	27.7
ITG INC.	-	25.3	25.3	-	25.3	-	25.3
SANFORD C. BERNSTEIN & CO., LLC	-	22.5	22.5	-	22.5	-	22.5
SIG BROKERAGE, LP	-	22.3	22.3	-	22.3	-	22.3
INTERACTIVE BROKERS LLC	0.7	16.0	16.7	-	16.7	-	16.7
WELLS FARGO SECURITIES, LLC	-	10.4	10.4	0.1	10.3	-	10.4
ROSENBLATT SECURITIES INC.	-	7.8	7.8	-	7.8	-	7.8
<b>Total for 20 Member Firms</b>	<b>17.1</b>	<b>1,619.1</b>	<b>1,636.4</b>	<b>733.9</b>	<b>902.6</b>	<b>164.5</b>	<b>1,801.0</b>
<b>Total for All Firms Reporting</b>	<b>17.1</b>	<b>1,649.8</b>	<b>1,667.2</b>	<b>745.1</b>	<b>922.2</b>	<b>164.5</b>	<b>1,831.8</b>
<b>% of Total</b>	<b>0.9%</b>	<b>90.1%</b>	<b>91.0%</b>	<b>40.7%</b>	<b>50.3%</b>	<b>9.0%</b>	<b>100.0%</b>

+ 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

October 2013