August 13 - August 17, 2012

PROGRAM TRADING PURCHASES AND SALES

| Trading on NYSE (Average Daily - Millions) | Current Week |
|---|-----------------|
| Total Buy Programs | 174.8 |
| Total Sell Programs | 163.9 |
| Total CS2 Programs | 15.5 |
| Total Programs | 354.2 |
| Total NYSE Volume* | 1,143.6 |
| Program Trading as % of Total NYSE Buy + Sell Volume | 31.0% |

NYSE Program Trading - 20 Most Active Member Firms

Index Non-CS2 Non-Index Crossing Grand Arbitrage Arbitrage Total Principal Session 2 Total Agency **MORGAN STANLEY & CO. LLC** 338.8 340.9 68.8 272.0 2.1 18.8 359.7 228.7 19.6 GOLDMAN, SACHS & CO. 228.7 215.6 13.1 248.3 **BARCLAYS CAPITAL INC.** 1.5 196.5 198.0 61.6 136.4 36.7 234.7 **MERRILL LYNCH, PIERCE, FENNER & SMITH** 41.3 134.3 134.3 93.0 134.3 DEUTSCHE BANK SECURITIES INC. 38.1 76.8 114.9 37.0 77.9 114.9 LATOUR TRADING LLC 112.1 112.1 112.1 112.1 SG AMERICAS SECURITIES, LLC 18.8 10.3 76.4 86.8 68.0 86.8 69.3 **BNP PARIBAS SECURITIES CORP.** 69.3 69.3 69.3 29.9 J.P. MORGAN SECURITIES LLC 64.1 64.1 34.1 64.1 44.7 **CREDIT SUISSE SECURITIES (USA) LLC** 0.4 63.2 63.5 18.8 63.5 NOMURA SECURITIES INTERNATIONAL, INC. 44.3 44.3 35.6 8.8 44.3 **INSTINET, LLC** 41.3 41.3 41.3 41.3 **UBS SECURITIES LLC** 31.8 31.8 11.2 20.7 31.8 25.3 25.3 **RBC CAPITAL MARKETS, LLC** 21.3 4.0 25.3 24.0 2.7 ITG INC. 21.2 24.0 24.0 22.7 **INTERACTIVE BROKERS LLC** 0.1 22.8 22.8 22.8 SANFORD C. BERNSTEIN & CO., LLC 18.8 18.8 18.8 18.8 SIG BROKERAGE, LP 17.7 17.7 17.7 17.7 **CITIGROUP GLOBAL MARKETS INC.** 1.5 12.8 12.8 11.3 2.3 15.1 CONVERGEX EXECUTION SOLUTIONS LLC 8.3 8.3 8.3 8.3 **Total for 20 Member Firms** 73.8 1,585.9 1,659.7 781.7 877.9 77.4 1,737.1 **Total for All Firms Reporting** 75.8 1,618.0 1,693.8 791.7 902.2 77.4 1,771.2 4.3% 50.9% 4.4% % of Total 91.4% 95.6% 44.7% 100.0%

(Millions of Shares)

+ 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 Market Analytics & Planning August 2012