## August 20 - August 24, 2012

## **PROGRAM TRADING PURCHASES AND SALES**

| Trading on NYSE<br>(Average Daily - Millions)           | Current<br>Week |
|---|-----------------|
| Total Buy Programs                                      | 167.8           |
| Total Sell Programs                                     | 170.6           |
| Total CS2 Programs                                      | 17.3            |
| Total Programs  | 355.7           |
| Total NYSE Volume*                                      | 1,177.4         |
| Program Trading as % of<br>Total NYSE Buy + Sell Volume | 30.2%           |

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

(Millions of Shares)

|                                       | Index<br>Arbitrage | Non-Index<br>Arbitrage | Non-CS2<br>Total | Principal | Agency | Crossing<br>Session 2 | Grand<br>Total |
|---------------------------------------|--------------------|------------------------|------------------|-----------|--------|-----------------------|----------------|
|                                       |                    |                        | 225.2            |           | 3 ,    |                       | 227.2          |
| MORGAN STANLEY & CO. LLC              | -                  | 335.0                  |                  | 45.1      | 289.9  | 32.0                  | 367.0          |
| GOLDMAN, SACHS & CO.                  | -                  | 274.9                  |                  | 263.4     | 11.5   | 20.2                  | 295.1          |
| BARCLAYS CAPITAL INC.                 | -                  | 218.2                  |                  | 70.0      | 148.3  | 21.2                  | 239.4          |
| LATOUR TRADING LLC                    | -                  | 128.4                  |                  | 128.4     | -      | -                     | 128.4          |
| DEUTSCHE BANK SECURITIES INC.         | -                  | 93.6                   |                  | 45.5      | 48.1   | -                     | 93.6           |
| MERRILL LYNCH, PIERCE, FENNER & SMITH | -                  | 92.1                   | 92.1             | 81.9      | 10.2   | -                     | 92.1           |
| SG AMERICAS SECURITIES, LLC           | 1.3                | 90.0                   | 91.3             | 61.7      | 29.6   | -                     | 91.3           |
| CREDIT SUISSE SECURITIES (USA) LLC    | 0.9                | 79.8                   | 80.7             | 44.6      | 36.2   | -                     | 80.7           |
| J.P. MORGAN SECURITIES LLC            | -                  | 61.8                   | 61.8             | 24.7      | 37.0   | -                     | 61.8           |
| BNP PARIBAS SECURITIES CORP.          | -                  | 57.1                   | 57.1             | -         | 57.1   | -                     | 57.1           |
| INSTINET, LLC                         | -                  | 42.9                   | 42.9             | -         | 42.9   | -                     | 42.9           |
| NOMURA SECURITIES INTERNATIONAL, INC. | -                  | 41.1                   | 41.1             | 34.2      | 6.8    | -                     | 41.1           |
| UBS SECURITIES LLC                    | -                  | 35.9                   | 35.9             | 11.2      | 24.7   | -                     | 35.9           |
| ITG INC.                              | -                  | 23.5                   | 23.5             | 2.2       | 21.4   | -                     | 23.5           |
| SANFORD C. BERNSTEIN & CO., LLC       | -                  | 18.1                   | 18.1             | -         | 18.1   | -                     | 18.1           |
| INTERACTIVE BROKERS LLC               | -                  | 16.4                   | 16.4             | -         | 16.4   | -                     | 16.4           |
| SIG BROKERAGE, LP                     | -                  | 16.3                   | 16.3             | -         | 16.3   | -                     | 16.3           |
| CITIGROUP GLOBAL MARKETS INC.         | _                  | 12.8                   | 12.8             | 2.8       | 10.0   | 12.9                  | 25.7           |
| TWO SIGMA SECURITIES, LLC             | 3.8                | 6.1                    | 9.9              | 3.8       | 6.1    | -                     | 9.9            |
| RBC CAPITAL MARKETS, LLC              | 4.3                | 4.6                    | 8.9              | -         | 8.9    | -                     | 8.9            |
|                                       | ·<br>              |                        |                  |           |        |                       |                |
| Total for 20 Member Firms             | 10.3               | 1 1                    |                  | 819.5     | 839.5  | 86.3                  | *              |
| Total for All Firms Reporting         | 10.3               | 1,682.0                | 1,692.3          | 828.9     | 863.4  | 86.4                  | 1,778.6        |
| % of Total                            | 0.6%               | 94.6%                  | 95.1%            | 46.6%     | 48.5%  | 4.9%                  | 100.0%         |

Totals may not sum exactly due to rounding.

<sup>+</sup> 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.

<sup>(\*\*</sup> See Appendix)