December 28 - January 1, 2016

PROGRAM TRADING PURCHASES AND SALES

Trading on NYSE (Average Daily - Millions)	Current Week
Total Buy Programs	150.3
Total Sell Programs	149.8
Total CS2 Programs	12.5
Total Programs	312.6
Total NYSE Volume*	1,279.2
Program Trading as % of Total NYSE Buy + Sell Volume	24.4%

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	_	204.1	204.1	57.0	147.1	17.5	221.6
GOLDMAN, SACHS & COMPANY	_	145.6		126.4	19.2	13.8	159.4
BARCLAYS CAPITAL INC.	_	117.7		5.5	112.3	10.0 -	117.7
MERRILL LYNCH, PIERCE, FENNER & SMITH, IN	C	98.5	98.5	31.2	67.3	13.0	111.5
LATOUR TRADING LLC		83.3	83.3	83.3	-	_	83.3
SG AMERICAS SECURITIES, LLC	_	68.1	68.1	38.1	29.9	_	68.1
UBS SECURITIES LLC	_	63.3	63.3	0.8	62.5		63.3
INSTINET, LLC	1.6	61.3	62.9	6.0	56.9		62.9
J.P. MORGAN SECURITIES LLC	_	59.3		24.4	34.9	3.1	62.4
CREDIT SUISSE SECURITIES (USA) LLC	0.2	56.7	56.9	38.7	18.2	_	56.9
DEUTSCHE BANK SECURITIES INC.	_	51.8		35.3	16.5	-	51.8
SIG BROKERAGE L.P.	-	46.5	46.5	-	46.5	-	46.5
CITIGROUP GLOBAL MARKETS INC.	-	39.1	39.1	15.5	23.6	2.7	41.8
IMC CHICAGO, LLC, DBA IMC FINANCIAL	-	37.1	37.1	37.1	-	-	37.1
ITG INC.	-	13.6	13.6	-	13.6	-	13.6
BNP PARIBAS SECURITIES CORP	-	11.1	11.1	-	11.1	-	11.1
SANFORD C. BERNSTEIN & CO., LLC	-	9.5	9.5	-	9.5	-	9.5
RBC CAPITAL MARKETS LLC	5.9	0.2	6.1	-	6.1	-	6.1
INTERACTIVE BROKERS LLC	0.3	4.8	5.1	-	5.1	-	5.1
GOLDMAN SACHS EXECUTION & CLEARING, LF	-	4.0	4.0	-	4.0	-	4.0
Total for 20 Member Firms	8.0	1,175.6	1,183.6	499.3	684.3	50.1	1,233.7
Total for All Firms Reporting	8.0	1,192.2	1,200.2	505.8	694.4	50.1	1,250.3
% of Total	0.6%	95.4%	96.0%	40.5%	55.5%	4.0%	100.0%

Totals may not sum exactly due to rounding.

⁺ 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.

^{(**} See Appendix)