

Instinet BiosCross(BLXX)	71	1.22	0	0.00	0	0.00	0	0.00	71	3.08	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NDQ)	61	1.05	0	0.00	0	0.00	0	0.00	61	13.47	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SHNS)	33	0.57	32	1.05	0	0.00	0	0.00	1	0.04	0	0	0	0	0	0	0

February 2023

Option Contracts
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
591	100.00	437	73.94	26	4.40	128	21.66	0	0.00

Venues

Venue - Non-directed Order Flow Orders	Non-Directed Order(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(US\$)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(US\$)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(US\$)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(US\$)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Cliford Securities LLC(EDNS)	294	43.94	233	40.79	16	55.17	45	25.86	0	0.00	0	0	0	0	0	0	0
Sunquahanna Capital Group(SUSQ)	165	23.54	152	30.52	5	17.24	8	4.60	0	0.00	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	128	18.26	80	16.06	3	10.34	45	25.86	0	0.00	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXS)	81	11.55	8	1.61	5	17.24	68	39.08	0	0.00	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	33	4.71	25	5.02	0	0.00	8	4.60	0	0.00	0	0	0	0	0	0	0

March 2023

S&P 500 Stocks
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
1,856	100.00	1,837	97.90	3	0.16	35	1.89	2	0.05

Venues

Venue - Non-directed Order Flow Orders	Non-Directed Order(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(US\$)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(US\$)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(US\$)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(US\$)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
National Financial Services LLC(NFSM)	1,039	36.30	0	0.00	0	0.00	0	0.00	2,039	98.48	0	0	0	0	0	0	0
Cliford Securities LLC(CSFG)	569	19.88	563	35.68	1	33.33	4	1.77	1	0.09	0	0	0	0	0	0	0
WFTU Americas, LLC(NITE)	470	16.42	470	29.78	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0
GS Execution Services, LLC(ETSM)	382	13.95	378	23.95	1	33.33	3	1.33	0	0.00	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	134	4.68	133	8.43	1	33.33	0	0.00	0	0.00	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NDQ)	101	3.53	0	0.00	0	0.00	101	44.69	0	0.00	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	92	3.21	0	0.00	0	0.00	92	40.71	0	0.00	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	21	0.73	0	0.00	0	0.00	21	9.29	0	0.00	0	0	0	0	0	0	0
Instinet BiosCross(BLXX)	15	0.52	0	0.00	0	0.00	0	0.00	15	1.42	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SHNS)	15	0.52	15	0.95	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0

March 2023

Non-S&P 500 Stocks
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
3,518	100.00	3,320	94.37	53	1.51	145	4.12	0	0.00

Venues

Venue - Non-directed Order Flow Orders	Non-Directed Order(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(US\$)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(US\$)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(US\$)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(US\$)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
National Financial Services LLC(NFSM)	2,337	37.78	0	0.00	0	0.00	0	0.00	2,337	97.62	0	0	0	0	0	0	0
Cliford Securities LLC(EDNS)	1,225	19.80	1,196	37.20	19	36.54	10	1.90	0	0.00	0	0	0	0	0	0	0
WFTU Americas, LLC(NITE)	898	14.52	868	27.00	23	44.23	7	1.33	0	0.00	0	0	0	0	0	0	0
GS Execution Services, LLC(ETSM)	778	12.58	765	23.79	6	11.54	7	1.33	0	0.00	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	306	4.95	303	9.42	3	5.77	0	0.00	0	0.00	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	179	2.89	0	0.00	0	0.00	179	34.10	0	0.00	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NDQ)	146	2.36	0	0.00	0	0.00	146	27.81	0	0.00	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	94	1.52	0	0.00	0	0.00	94	17.90	0	0.00	0	0	0	0	0	0	0
Instinet BiosCross(BLXX)	69	1.12	12	0.37	0	0.00	0	0.00	57	2.38	0	0	0	0	0	0	0
Memphis Exchange(MEMX)	43	0.70	0	0.00	0	0.00	43	8.19	0	0.00	0	0	0	0	0	0	0

March 2023

Option Contracts
Summary

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738	100.00	578	78.32	29	3.93	131	17.75	0	0.00

Venues

Venue - Non-directed Order Flow Orders	Non-Directed Order(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(US\$)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(US\$)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(US\$)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(US\$)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Cliford Securities LLC(CSFG)	357	48.57	287	50.71	15	53.57	55	39.01	0	0.00	0	0	0	0	0	0	0
Sunquahanna Capital Group(SUSQ)	195	26.53	183	32.33	10	35.71	2	1.42	0	0.00	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	96	13.06	60	10.60	3	10.71	33	23.40	0	0.00	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXS)	62	8.44	15	2.65	0	0.00	47	33.33	0	0.00	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	25	3.40	21	3.71	0	0.00	4	2.84	0	0.00	0	0	0	0	0	0	0