





Dash Financial Technologies LLC(DASH)	12	14.63	1	5.56	0	0	11	17.19	0	0	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	4	4.88	4	22.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	3	3.66	2	11.11	0	0	1	1.56	0	0	0	0	0	0	0	0	0	0

Material Aspects:

November 2022

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
1261	100	1111	88.1	58	4.6	87	6.9	5	0.4

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	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(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC(CDRG)	433	30.13	392	35.28	22	37.93	16	6.08	3	60	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	343	23.87	306	27.54	12	20.69	24	9.13	1	20	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	272	18.93	241	21.69	14	24.14	16	6.08	1	20	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	169	11.76	153	13.77	10	17.24	6	2.28	0	0	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	140	9.74	0	0	0	0	140	53.23	0	0	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	39	2.71	0	0	0	0	39	14.83	0	0	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	17	1.18	0	0	0	0	17	6.46	0	0	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	13	0.9	13	1.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	5	0.35	0	0	0	0	5	1.9	0	0	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	4	0.28	4	0.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Material Aspects:

November 2022

Non S&P 500 Stocks

Summary







