

1st Quarter, 2021

January 2021

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
442	100.00	405	91.63	12	2.71	22	4.98	3	0.68

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)	218	47.81	202	49.88	7	1.58	53.85	12.22	3	27.27	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	138	30.26	134	33.09	1	0.22	7.69	1.71	0	0.00	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	31	6.80	29	7.16	2	0.45	15.38	3.48	0	0.00	0	0	0	0	0	0	0	0
GI Execution Services, LLC(ETMM)	24	5.26	24	5.93	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	12	2.63	0	0.00	1	0.22	7.69	1.71	40.74	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SIHO)	10	2.19	10	2.47	0	0.00	0.00	0.00	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLXX)	8	1.75	0	0.00	0	0.00	0.00	0.00	8	72.73	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	8	1.75	5	1.23	2	0.45	15.38	3.48	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	4	0.88	0	0.00	0	0.00	0.00	0.00	4	14.81	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	2	0.44	0	0.00	0	0.00	0.00	0.00	2	7.41	0	0	0	0	0	0	0	0

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
749	100.00	635	84.78	54	7.21	59	7.88	1	0.13

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)	371	49.75	336	53.08	24	3.21	42.11	5.62	7.30	1	4.76	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	215	28.90	197	31.12	15	2.00	26.32	3.51	2.19	0	0.00	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	89	10.50	0	0.00	1	0.13	1.75	0.23	64.23	0	0.00	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	58	6.84	52	6.21	5	0.67	8.77	1.17	0.73	0	0.00	0	0	0	0	0	0	0
GI Execution Services, LLC(ETMM)	33	3.89	25	3.95	8	1.07	14.04	1.87	0.00	0	0.00	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	24	2.83	1	0.16	1	0.13	1.75	0.23	16.06	0	0.00	0	0	0	0	0	0	0
Instinet BlockCross(BLXX)	20	2.36	0	0.00	0	0.00	0.00	0.00	20	95.24	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	15	1.77	12	1.90	2	0.27	3.51	0.47	0.73	0	0.00	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	12	1.42	0	0.00	0	0.00	0.00	0.00	12	8.76	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SIHO)	10	1.18	9	1.42	1	0.13	1.75	0.23	0.00	0	0.00	0	0	0	0	0	0	0

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
91	100.00	30	32.97	9	9.89	52	57.14	0	0.00

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)	43	41.35	13	43.33	5	11.76	55.56	25	38.46	0	0.00	0	0	0	0	0	0	0
Sequoia Capital Group(SUQ)	21	20.10	10	33.33	2	9.52	22.22	9	13.85	0	0.00	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	21	20.10	1	3.33	0	0.00	0.00	20	30.77	0	0.00	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	16	15.38	5	16.67	1	6.25	11.11	10	15.38	0	0.00	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	7	1.92	1	3.33	1	11.76	11.11	0	0.00	0	0.00	0	0	0	0	0	0	0

