







204	100.00	56	27.45	26	12.75	120	58.82	2	0.98
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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)	108	45.57	29	51.79	11	50.00	66	42.04	2	100.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	46	19.41	0	0.00	0	0.00	46	29.30	0	0.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	39	16.46	18	32.14	7	31.82	14	8.92	0	0.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	33	13.92	5	8.93	3	13.64	25	15.92	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	11	4.64	4	7.14	1	4.55	6	3.82	0	0.00	0	0	0	0	0	0	0	0

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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
339	100.00	291	85.84	22	6.49	24	7.08	2	0.59

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)	118	32.87	107	36.77	7	31.82	3	6.82	1	50.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	75	20.89	65	22.34	3	13.64	6	13.64	1	50.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	70	19.50	66	22.68	2	9.09	2	4.55	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	60	16.71	49	16.84	9	40.91	2	4.55	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	10	2.79	0	0.00	0	0.00	10	22.73	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	9	2.51	0	0.00	0	0.00	9	20.45	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	9	2.51	0	0.00	0	0.00	9	20.45	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	5	1.39	4	1.37	1	4.55	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	3	0.84	0	0.00	0	0.00	3	6.82	0	0.00	0	0	0	0	0	0	0	0

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Non-S&P 500 Stocks Summary

