

4th Quarter, 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0	0	0	0	0

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)

4th Quarter, 2022

Non-S&P 500 stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0	0	0	0	0

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)

4th Quarter, 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.0	98.3	1.7	0	0

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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 Institutional Securities LLC	8.0	8.2	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jane Street Capital LLC	5.7	5.8	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Matrix Executions LLC	12.4	12.6	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nomura Securities International, Inc.	5.0	5.1	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oppenheimer & Co. Inc.	0.4	0.4	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Piper Sandler & Co.	5.7	5.8	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puma Capital LLC	61.0	60.3	100.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wall Street Access	1.8	1.8	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Outset does not have a profit sharing arrangement with or receive payment for order flow from any of the above venues/market centers