# 4th Quarter, 2023

# 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	n	n

## Venues

Venue -Non-directed Order Flow	Non-Directed 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)
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# 4th Quarter, 2023

# Non-S&P 500 stocks

## Summary

Venues

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

Venue-Non-directed Non-Directed Market Marketable Order Flow Orders (%) (%) (%) (%)	Non-Marketable Other Limit Orders Orders (%) (%)	Paid/Received for Received for Market	Net Payment Paid/ Received for Marketable Limit Orders(Lens) per hundred shares) Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)  Net Payment Net Payment Paid/ Paid/Received for Other Other Orders(cents per Orders(USD) hundred shares)
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# 4th Quarter, 2023

# 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	84.8	15.2	0	0	

#### Venues

CHOCS CHOCK													
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	3.4	4.1	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Jane Street Capital LLC	10.3	12.2	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Matrix Executions LLC	37.9	36.5	45.5	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nomura Securities International , Inc.	6.2	7.3	0.0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Piper Sandler & Co.	11.0	10.6	13.6	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Puma Capital LLC	30.5	28.5	40.9	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Goldman Sachs	0.7	0.8	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 rebates or payments for order flow from any of the above venues/market centers