

William Blair Sell Side - Held NMS Stocks and Options Order Routing Public Report

Generation Date: 2023-07-28 09:45:56.790 GMT -0400
 Year: 2023 Quarter: 2

April 2023 S&P 500 Stocks					
Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	98.43%	0.32%	1.20%	0.05%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
Virtu Americas LLC (NITE)	33.79%	33.85%	25.93%	31.68%	25.00%	0.0000	0.0000	0	0.0000	0	0.0000	0	0.0000
Wall Street Access (VNDM)	33.29%	33.37%	33.33%	26.73%	50.00%	0.0000	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	32.91%	32.79%	40.74%	41.58%	25.00%	0.0000	0.0000	0	0.0000	0	0.0000	0	0.0000

April 2023 Non-S&P 500 Stocks					
Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	95.05%	0.70%	3.91%	0.34%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
Citadel Securities LLC (CDRG)	34.38%	34.29%	35.85%	36.95%	26.92%	0.0000	0.0000	0	0.0000	0	0.0000	0	0.0000
Wall Street Access (VNDM)	33.15%	33.12%	32.08%	33.90%	34.62%	0.0000	0.0000	0	0.0000	0	0.0000	0	0.0000
Virtu Americas LLC (NITE)	32.47%	32.59%	32.08%	29.15%	38.46%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

April 2023 Option Contracts					
Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	53.25%	13.16%	29.17%	4.42%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
National Financial Services LLC (NFSC)	100.00%	100.00%	100.00%	100.00%	100.00%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

Citadel Securities LLC - William Blair did not receive payment for order flow from CDRG for these trades.
 Virtu Americas LLC - William Blair did not receive payment for order flow from NITE for these trades.
 Wall Street Access - William Blair did not receive payment for order flow from VNDM for these trades.
 National Financial Services LLC - William Blair did not receive payment for order flow from NFSC for these trades

May 2023 S&P 500 Stocks					
Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	97.87%	0.17%	1.35%	0.61%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
Virtu Americas LLC (NITE)	34.11%	33.99%	40.00%	42.50%	33.33%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	33.33%	33.45%	40.00%	26.67%	27.78%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Wall Street Access (VNDM)	32.55%	32.56%	20.00%	30.83%	38.89%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

May 2023 Non-S&P 500 Stocks					
Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	94.78%	0.79%	3.80%	0.63%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
Wall Street Access (VNDM)	33.82%	33.87%	27.78%	35.76%	22.81%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	33.66%	33.60%	40.28%	33.14%	38.60%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Virtu Americas LLC (NITE)	32.51%	32.54%	31.94%	31.10%	36.84%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
BOFA Securities, Inc. (MLCO)	0.01%	0.00%	0.00%	0.00%	1.75%	0	0.0000	0	0.0000	0	0.0000	-9	-17.3675

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May 2023 Option Contracts Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	65.52%	9.77%	20.50%	4.21%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
National Financial Services LLC (NFSC)	100.00%	100.00%	100.00%	100.00%	100.00%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

Citadel Securities LLC - William Blair did not receive payment for order flow from CDRG for these trades.
 Virtu Americas LLC - William Blair did not receive payment for order flow from NITE for these trades.
 Wall Street Access - William Blair did not receive payment for order flow from VNDM for these trades.
 National Financial Services LLC - William Blair did not receive payment for order flow from NFSC for these trades.
 BOFA Securities, Inc. - William Blair may be charged fees for orders executed in Alternative Trading Systems. Orders routed further by MLCO are sent to exchanges which incur fees and rebates based on the exchange rules, as approved by the SEC, and are non-negotiable.
 MLCO may pass to William Blair any execution fees and rebates incurred for routing the orders with an additional routing fee.

June 2023 S&P 500 Stocks Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	98.05%	0.65%	0.95%	0.34%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
Wall Street Access (VNDM)	33.50%	33.60%	31.34%	28.57%	22.86%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	33.34%	33.23%	32.84%	40.82%	42.86%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Virtu Americas LLC (NITE)	33.16%	33.16%	35.82%	30.61%	34.29%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

June 2023 Non-S&P 500 Stocks Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	94.11%	1.50%	4.13%	0.26%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
Citadel Securities LLC (CDRG)	33.62%	33.55%	36.08%	33.18%	51.85%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Virtu Americas LLC (NITE)	33.27%	33.43%	33.54%	30.88%	11.11%	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Wall Street Access (VNDM)	33.11%	33.02%	30.38%	35.94%	37.04%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

June 2023 Option Contracts Summary					
Non-Directed Orders as Percent of All Orders	Market Orders as Percent of Non-Directed Orders	Marketable Limit Orders as Percent of Non-Directed Orders	Non-Marketable Limit Orders as Percent of Non-Directed Orders	Other Orders as Percent of Non-Directed Orders	
100.00%	69.65%	7.68%	19.95%	2.82%	

Venues - Non Directed Orders

Venue	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 Marketable Limit Orders (USD)	Net Payment Paid/Received Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Non-Marketable Limit Orders (USD)	Net Payment Paid/Received Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received Other Orders (USD)	Net Payment Paid/Received Other Orders (cents per hundred shares)
National Financial Services LLC (NFSC)	100.00%	100.00%	100.00%	100.00%	100.00%	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

Citadel Securities LLC - William Blair did not receive payment for order flow from CDRG for these trades.
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