

# CANT - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2022

July 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
0.00	0.00	0.00	0.00	0.00

### 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)

Material Aspects:

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July 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
0.00	0.00	0.00	0.00	0.00

### 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)

Material Aspects:

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July 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
100.00	0.00	0.00	0.00	100.00

### 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)
C2 Options Exchange, Inc. (C2OX)	14.06	0.00	0.00	0.00	14.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	86.3200	0.1973
Nasdaq ISE (XISX)	11.33	0.00	0.00	0.00	11.33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	208.0000	8.3200
CBOE Exchange (XCBO)	10.81	0.00	0.00	0.00	10.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.8200	0.1995
CBOE EDGX (EDGX)	9.56	0.00	0.00	0.00	9.56	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	831.3600	2.0266
NYSE American Options (AMXO)	9.37	0.00	0.00	0.00	9.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-26.0000	-5.0000
Nasdaq PHLX (XPHO)	8.90	0.00	0.00	0.00	8.90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2.4000	-5.0000
NYSE ARCA Options (ARCO)	8.31	0.00	0.00	0.00	8.31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-46.1400	-26.8256
Miami Intl Exchange (XMIO)	7.69	0.00	0.00	0.00	7.69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BOX Exchange (XBOX)	7.29	0.00	0.00	0.00	7.29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MIAX Emerald, LLC. (EMLD)	6.59	0.00	0.00	0.00	6.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	43.8200	4.3952

### Material Aspects:

C2 Options Exchange, Inc. (C2OX):

Cantor Fitzgerald or CFCO accesses the US options exchanges on this report via Wolverine Execution Services and Dash Financial Technologies or otherwise known as Consolidators which route our orders to exchanges for execution on an agency basis. Consolidators charge a commission rate for certain products and services and will pass through net fees or rebates incurred to execute CFCO orders on exchanges. The passed through rebates credits or billing adjustments from Consolidators reduce our overall costs of execution services and from time to time may exceed the cost of such execution services. When accessing the exchanges via Consolidator relationships CFCO may receive an indirect benefit by receiving preferential exchange rates belonging to the Consolidator and these rates are therefore reflected in our Net Payments for this report. Depending on its overall trading activity the Consolidator may receive better volume-based rates including placement in preferential rate tiers on an exchange fee schedule. For clarity CFCO is not party to the payment arrangements between the Consolidator and the Option Exchanges and is only privy to transaction rates the Consolidator offers and discloses to CFCO on transaction and billing reports. More detail about exchange fees rebates and volume tiers may be available on the 606 quarterly report published by the Consolidator.

Nasdaq ISE (XISX):





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)
Nasdaq ISE (XISX)	34.45	0.00	0.00	0.00	34.45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6,509.7500	24.9981
CBOE Exchange (XCBO)	15.66	0.00	0.00	0.00	15.66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-93.9400	-2.2840
CBOE EDGX (EDGX)	8.73	0.00	0.00	0.00	8.73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1,885.2200	2.7116
ISE Mercury Options (MCRY)	6.15	0.00	0.00	0.00	6.15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-9.2000	-5.0000
Nasdaq PHLX (XPHO)	4.32	0.00	0.00	0.00	4.32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-3.6000	-5.0000
NYSE American Options (AMXO)	4.12	0.00	0.00	0.00	4.12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1.0800	-4.5000
NYSE ARCA Options (ARCO)	4.08	0.00	0.00	0.00	4.08	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	163.2000	80.0000
C2 Options Exchange, Inc. (C2OX)	3.65	0.00	0.00	0.00	3.65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	251.8900	1.5068
MIAX Emerald, LLC. (EMLD)	3.45	0.00	0.00	0.00	3.45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	173.2700	2.2369
Miami Intl Exchange (XMIO)	3.32	0.00	0.00	0.00	3.32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-5.2500	-5.0000
NYSE Arca (ARCA)	1.87	0.00	0.00	0.00	1.87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	305.5900	1.3232
ISE Options (ISE1)	1.83	0.00	0.00	0.00	1.83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	407.7600	4.8096

#### Material Aspects:

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##### CBOE Exchange (XCBO):

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##### ISE Mercury Options (MCRY):





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CBOE EDGX (EDGX)	18.10	0.00	0.00	0.00	18.10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3,042.7000	2.0692
CBOE Exchange (XCBO)	10.39	0.00	0.00	0.00	10.39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	73.0300	1.2837
Nasdaq ISE (XISX)	9.46	0.00	0.00	0.00	9.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	105.0000	25.0000
NYSE American Options (AMXO)	8.06	0.00	0.00	0.00	8.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.3500	-5.0000
Nasdaq PHLX (XPHO)	8.06	0.00	0.00	0.00	8.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.5000	-5.0000
C2 Options Exchange, Inc. (C2OX)	7.93	0.00	0.00	0.00	7.93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-348.4600	-0.8453
MIAX Emerald, LLC. (EMLD)	7.06	0.00	0.00	0.00	7.06	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	395.4000	2.9061
NYSE ARCA Options (ARCO)	6.25	0.00	0.00	0.00	6.25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	16.0000	20.0000
BOX Exchange (XBOX)	6.15	0.00	0.00	0.00	6.15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0500	-5.0000
Miami Intl Exchange (XMIO)	6.13	0.00	0.00	0.00	6.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ISE Options (ISE1)	3.65	0.00	0.00	0.00	3.65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	826.6100	2.2322

#### Material Aspects:

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##### NYSE American Options (AMXO):



