

CANT - Held NMS Stocks and Options Order Routing Public Report

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4th Quarter, 2021

October 2021

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:

October 2021

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:

October 2021

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	0.03	99.97

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)
NYSE ARCA Options (ARCO)	68.25	0.00	0.00	0.00	68.27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-95,389.0100	-53.8900
CBOE Exchange (XCBO)	7.71	0.00	0.00	0.00	7.72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	335.3710	0.4676
Nasdaq ISE (XISX)	6.66	0.00	0.00	0.00	6.66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	489.6314	0.5097
Cboe EDGX Options (EDGO)	2.58	0.00	0.00	0.00	2.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-4,098.6034	-11.6793
Nasdaq PHLX (XPHO)	2.33	0.00	0.00	0.00	2.33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-4,069.6525	-10.4793
NYSE American Options (AMXO)	1.90	0.00	0.00	0.00	1.90	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-609.5850	-18.2784
Miami Intl Exchange (XMIO)	1.86	0.00	0.00	0.00	1.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-101.0925	-0.4129
BOX Exchange (XBOX)	1.85	0.00	0.00	0.00	1.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-3,806.8400	-5.0029
C2 Options Exchange, Inc. (C2OX)	1.80	0.00	0.00	0.00	1.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4,624.6100	7.9532
MIAX Emerald, LLC. (EMLD)	1.67	0.00	0.00	0.00	1.67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2,648.5000	16.2465

Material Aspects:

NYSE ARCA Options (ARCO):

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.

CBOE Exchange (XCBO):

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)
NYSE ARCA Options (ARCO)	78.70	0.00	0.00	0.00	78.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-47,720.7200	-42.7429
CBOE Exchange (XCBO)	4.08	0.00	0.00	0.00	4.09	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,555.0419	-2.3273
Nasdaq ISE (XISX)	3.64	0.00	0.00	0.00	3.64	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2,478.8340	1.0884
WOLVERINE EXECUTION SERVICES, (WEXX)	1.69	28.09	0.00	98.47	1.63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe EDGX Options (EDGO)	1.24	0.00	0.00	0.00	1.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-8,157.7682	-8.6010
Cboe BZX Options Exchange (BATO)	1.12	0.00	0.00	0.00	1.12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2,113.9000	3.9277
Nasdaq PHLX (XPHO)	1.01	0.00	0.00	0.00	1.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-3,308.3075	-8.0523
C2 Options Exchange, Inc. (C2OX)	0.79	0.00	0.00	0.00	0.79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4,328.3000	4.2943
BOX Exchange (XBOX)	0.77	0.00	0.00	0.00	0.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	295.9000	0.3603
NYSE American Options (AMXO)	0.67	0.00	0.00	0.00	0.67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-750.5950	-15.5371

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WOLVERINE EXECUTION SERVICES, (WEXX):

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Cboe EDGX Options (EDGO):

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Nasdaq PHLX (XPHO):

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C2 Options Exchange, Inc. (C2OX):

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BOX Exchange (XBOX):

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December 2021

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:

December 2021

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

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Material Aspects:

December 2021

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	0.14	0.00	0.02	99.84

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)
NYSE ARCA Options (ARCO)	71.73	0.00	0.00	0.00	71.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-25,141.5900	-33.4548
CBOE Exchange (XCBO)	6.24	0.00	0.00	0.00	6.25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6,410.5889	8.3679
Nasdaq ISE (XISX)	5.48	0.00	0.00	0.00	5.49	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	9,170.7431	9.1203
Cboe EDGX Options (EDGO)	2.17	0.00	0.00	0.00	2.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,165.2108	-0.6728
Nasdaq PHLX (XPHO)	1.94	0.00	0.00	0.00	1.94	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	8,132.6563	17.4990
	1.73	0.00	0.00	0.00	1.73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4,019.6400	5.2313

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)													
BOX Exchange (XBOX)	1.72	0.00	0.00	0.00	1.72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3,656.6500	4.1610
Miami Intl Exchange (XMIO)	1.68	0.00	0.00	0.00	1.68	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	297.6750	0.9139
NYSE American Options (AMXO)	1.61	0.00	0.00	0.00	1.62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-308.7000	-6.7505
MIAX Emerald, LLC. (EMLD)	1.45	0.00	0.00	0.00	1.45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1,335.3500	10.6225

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Nasdaq PHLX (XPHO):

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Miami Intl Exchange (XMIO):

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NYSE American Options (AMXO):

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MIAX Emerald, LLC. (EMLD):

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