

Venom Trading - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2023

April 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
99.75	0.02	80.34	19.64	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)
Nasdaq Stock Market (XNAS)	22.14	0.00	13.79	56.31		0		-395	-19.9655	5,661	29.7772	0	
IBKR ATS (IATS)	18.98	0.00	23.46	0.69		0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	8.13	0.00	7.09	12.43		0		-201	-23.7643	7	16.0000	0	
NYSE Arca (ARCX)	7.38	0.00	8.78	1.68		0		-260	-19.4557	21	22.9035	0	
New York Stock Exchange (XNYS)	7.34	0.00	3.59	22.68		0		-64	-14.5938	372	19.9360	0	
MEMX LLC (MEMX)	5.60	0.00	6.80	0.69		0		-108	-30.0000	2	25.5546	0	
CBOE BZX Exchange (BATS)	4.86	0.00	6.05	0.00		0		-131	-20.5125	0		0	
IEX (IEXD)	3.68	0.00	4.56	0.10		0		-23	-9.6965	0		0	
CBOE EDGA Exchange (EDGA)	3.16	0.00	3.93	0.00		0		21	17.4273	0		0	
HRT Execution Services LLC (HRTF)	2.67	0.00	3.33	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	2.29	0.00	2.60	0.99		0		0	0.0000	0	0.0000	0	
MIA PEARL Equities (EPRL)	2.05	0.00	2.56	0.00		0		-40	-29.5000	0		0	
UBS ATS (UBSA)	1.36	0.00	1.69	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.20	0.00	1.49	0.00		0		0	0.0000	0		0	

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 PSX (XPSX)	1.16	0.00	1.45	0.00		0		-7	-30.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.08	0.00	1.35	0.00		0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.01	0.00	1.25	0.00		0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	0.95	0.00	0.27	3.75		0		0	2.0000	0		0	
IntelligentCross ATS (INCR)	0.93	0.00	0.99	0.69		0		-1	-8.0000	-0	-8.0000	0	
CODA (CODA)	0.76	0.00	0.94	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.76	0.00	0.94	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.64	0.00	0.80	0.00		0		-6	-10.0000	0		0	
Crossfinder (CAES)	0.50	0.00	0.63	0.00		0		0		0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.48	0.00	0.60	0.00		0		0	0.0000	0		0	
NYSE American (XASE)	0.39	0.00	0.48	0.00		0		-6	-30.0000	0		0	
Nasdaq BX (XBOS)	0.39	0.00	0.48	0.00		0		0	2.0370	0		0	
Level ATS (EBXL)	0.06	0.00	0.07	0.00		0		0	0.0000	0		0	
NYSE National (XCIS)	0.04	0.00	0.05	0.00		0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	0.02	100.00	0.00	0.00		0	12.0000	0		0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

CBOE EDGX Exchange (EDGX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca (ARCX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MEMX LLC (MEMX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BZX Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IEX (IEXD):

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CBOE EDGA Exchange (EDGA):

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MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PSX (XPSX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BYX Exchange (BATY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE CHX (XCHI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American (XASE):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX (XBOS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE National (XCIS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Citadel Securities "LITE" (CDED):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

April 2023

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
99.19	0.00	45.21	54.68	0.11

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)
Nasdaq Stock Market (XNAS)	32.43		11.03	50.18	5.56	0		-1,614	-19.8219	7,716	15.7809	-0	-15.0000
CBOE EDGX Exchange (EDGX)	15.16		5.78	22.80	72.22	0		-711	-24.9542	104	5.6070	-2	-30.0000
New York Stock Exchange (XNYS)	10.24		3.18	16.09	0.00	0		-457	-24.6005	2,955	16.7220	0	
IBKR ATS (IATS)	8.69		18.63	0.50	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	6.73		7.90	5.77	0.00	0		-1,646	-21.7085	1,288	26.6856	0	
HRT Execution Services LLC (HRTF)	2.89		6.40	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXG)	2.34		5.02	0.14	0.00	0		-31	-9.3334	-0	-6.4516	0	
CBOE BYX Exchange (BATY)	2.32		1.42	3.04	11.11	0		-1	-0.1765	-6	-5.5252	0	
MEMX LLC (MEMX)	2.15		3.96	0.67	0.00	0		-207	-25.8719	15	26.9166	0	
UBS ATS (UBSA)	2.11		4.68	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	2.06		4.56	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.90		4.02	0.14	5.56	0		-429	-24.0817	34	16.0000	0	
CBOE EDGA Exchange (EDGA)	1.49		3.29	0.00	0.00	0		57	13.7435	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.47		3.26	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.46		3.22	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.40		3.10	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.13		2.25	0.20	0.00	0		0	0.0000	0	0.0000	0	
Crossfinder (CAES)	0.98		2.17	0.00	0.00	0		1	10.0000	0		0	
MIAX PEARL Equities (EPRL)	0.89		1.90	0.06	0.00	0		-154	-28.4785	1	29.0000	0	
Nasdaq PSX (XPSX)	0.43		0.93	0.01	0.00	0		-55	-29.8942	0		0	
IntelligentCross ATS (INCR)	0.43		0.83	0.09	0.00	0		-5	-8.0000	-0	-8.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	0.34		0.75	0.00	0.00	0		0	0.0000	0		0	
NYSE American (XASE)	0.33		0.34	0.32	5.56	0		-62	-28.7220	15	5.5778	0	
Level ATS (EBXL)	0.25		0.55	0.00	0.00	0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.18		0.40	0.00	0.00	0		-8	-10.0000	0		0	
Nasdaq BX (XBOS)	0.11		0.25	0.00	0.00	0		-0	-0.6430	0		0	

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 National (XCIS)	0.10		0.22	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGX Exchange (EDGX):

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New York Stock Exchange (XNYS):

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IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

NYSE Arca (ARCX):

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CBOE BYX Exchange (BATY):

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MEMX LLC (MEMX):

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CBOE BZX Exchange (BATS):

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CBOE EDGA Exchange (EDGA):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL Equities (EPRL):

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Nasdaq PSX (XPSX):

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NYSE American (XASE):

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NYSE CHX (XCHI):

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Nasdaq BX (XBOS):

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NYSE National (XCIS):

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April 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
99.88	0.14	36.77	58.80	4.29

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)
CBOE C2 Exchange (C2OX)	31.44	0.00	4.86	49.66	10.56	0		-718	-43.2651	784	40.7288	541	69.8320
Cboe EDGX Options Exchange (EDGO)	15.41	0.00	8.16	20.49	8.33	0		314	23.1430	1,836	19.6827	1,025	90.2218
NYSE Arca Options (ARCO)	8.00	16.67	7.71	7.98	10.56	0		-452	-52.4664	2,924	66.0886	1,845	63.6992
Nasdaq MRX (MCRY)	5.53	0.00	13.47	0.04	12.78	0		1,423	60.0488	2	35.6000	832	16.6743
MIAX PEARL (MPRL)	5.14	0.00	9.78	2.63	0.00	0		-2,990	-51.9953	3,860	81.4304	0	
Nasdaq BX Options (XBXD)	4.60	0.00	12.50	0.00	0.00	0		-472	-31.6985	0		0	
NYSE American Options (AMXO)	4.43	0.00	2.01	5.83	6.11	0		2	0.1079	0	0.0000	0	0.0000
Nasdaq Options Market (XNDQ)	4.14	0.00	6.35	3.08	0.00	0		-1,857	-26.8373	1,526	79.7491	0	
Nasdaq ISE (XISX)	4.02	83.33	5.51	2.63	7.78	0	0.0000	-4	-0.4515	3,602	100.0000	801	34.5302
BOX Exchange (XBOX)	3.79	0.00	9.46	0.04	6.67	0		3,251	91.5903	0	0.0000	2,627	149.2330
Cboe BZX Options Exchange (BATS)	3.50	0.00	4.99	2.84	0.00	0		-674	-53.3610	15	26.0526	0	
Chicago Board Options Exchange (XCBO)	2.55	0.00	4.27	1.17	6.67	0		2,251	39.3009	-32	-20.6299	2,520	61.8873

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 PHLX (XPHL)	2.29	0.00	2.91	1.22	11.67	0		62	5.1776	0	0.0000	0	0.0000
MIAX Emerald Exchange (EMLD)	2.14	0.00	3.76	0.53	10.56	0		145	8.4318	164	43.0420	8,034	57.4953
Nasdaq GEMX (GMNI)	1.57	0.00	2.85	0.89	0.00	0		-217	-45.7243	3	40.0000	0	
MIAX Options Exchange (XMIO)	1.45	0.00	1.42	0.97	8.33	0		2	0.2901	0	0.0000	307	20.0000

Material Aspects:

CBOE C2 Exchange (C2OX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Cboe EDGX Options Exchange (EDGO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca Options (ARCO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq MRX (MCRY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL (MPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX Options (XBXO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American Options (AMXO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq Options Market (XNDQ):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq ISE (XISX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

BOX Exchange (XBOX):

An affiliate under common control with IBKR has a substantial, minority investment in the Boston Options Exchange Group LLC, which operates the Boston Options Exchange. To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Cboe BZX Options Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Chicago Board Options Exchange (XCBO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PHLX (XPHL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX Emerald Exchange (EMLD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq GEMX (GMNI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX Options Exchange (XMIO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

May 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
100.00	0.03	77.05	22.89	0.03

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)
Nasdaq Stock Market (XNAS)	22.92	0.00	12.30	58.71	0.00	0		-198	-13.6572	2,477	28.2404	0	
IBKR ATS (IATS)	14.91	0.00	19.08	0.94	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	7.68	0.00	6.22	12.63	0.00	0		-90	-14.8112	7	15.6773	0	
New York Stock Exchange (XNYS)	7.10	0.00	3.86	18.01	0.00	0		-162	-28.9029	1,121	19.9590	0	
NYSE Arca (ARCX)	7.01	0.00	8.48	2.11	0.00	0		-269	-28.3528	109	24.9145	0	
MEMX LLC (MEMX)	5.78	0.00	7.40	0.35	0.00	0		-76	-30.0000	0	27.0000	0	
CBOE BZX Exchange (BATS)	3.86	0.00	4.93	0.23	0.00	0		-86	-22.7143	0	16.0000	0	
IEX (IEXG)	3.59	0.00	4.62	0.12	0.00	0		-17	-9.5613	0		0	
HRT Execution Services LLC (HRTF)	3.21	0.00	4.17	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	3.11	0.00	3.68	1.17	0.00	0		0	0.0000	0	0.0000	0	
IntelligentCross ATS (INCR)	2.97	0.00	3.75	0.35	0.00	0		-7	-8.0000	-0	-8.0000	0	
MIAX PEARL Equities (EPRL)	2.60	0.00	3.34	0.12	0.00	0		-65	-28.9413	0		0	
CBOE EDGA Exchange (EDGA)	2.14	0.00	2.78	0.00	0.00	0		12	12.7336	0		0	

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)
UBS ATS (UBSA)	1.87	0.00	2.43	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.69	0.00	0.63	5.26	0.00	0		1	1.3557	0	2.0000	0	
Virtu Americas LLC "PRO" (VIRT)	1.45	0.00	1.88	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.26	0.00	1.63	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.26	0.00	1.63	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.26	0.00	1.63	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.07	0.00	1.39	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.80	0.00	1.04	0.00	0.00	0		-5	-27.1831	0		0	
NYSE CHX (XCHI)	0.78	0.00	1.01	0.00	0.00	0		-6	-10.0000	0		0	
Crossfinder (CAES)	0.75	0.00	0.97	0.00	0.00	0		0	10.0000	0		0	
Nasdaq BX (XBOS)	0.24	0.00	0.31	0.00	0.00	0		-3	-11.0230	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.21	0.00	0.28	0.00	0.00	0		0	0.0000	0		0	
NYSE American (XASE)	0.16	0.00	0.21	0.00	0.00	0		-2	-30.0000	0		0	
NYSE National (XCIS)	0.13	0.00	0.17	0.00	0.00	0		0	0.0000	0		0	
Level ATS (EBXL)	0.11	0.00	0.14	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.05	100.00	0.03	0.00	0.00	0	24.0000	0	96.0000	0		0	
Citadel Securities "LITE" (CDED)	0.03	0.00	0.00	0.00	100.00	0		0		0		0	0.0000

Material Aspects:

Nasdaq Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

CBOE EDGX Exchange (EDGX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca (ARCX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

clients.

MEMX LLC (MEMX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BZX Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGA Exchange (EDGA):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BYX Exchange (BATY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PSX (XPSX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE CHX (XCHI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX (XBOS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American (XASE):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE National (XCIS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

Citadel Securities "LITE" (CDED):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

May 2023

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
99.19	0.00	52.54	47.46	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)
Nasdaq Stock Market (XNAS)	30.51		10.53	52.64		0		-2,045	-19.6504	9,627	15.9555	0	
CBOE EDGX Exchange (EDGX)	12.67		6.88	19.09		0		-844	-15.7082	214	4.0977	0	
New York Stock Exchange (XNYS)	9.37		3.45	15.92		0		-597	-23.3605	2,764	15.6215	0	
IBKR ATS (IATS)	8.22		15.04	0.67		0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	7.79		9.61	5.78		0		-2,343	-24.4587	5,122	26.2037	0	
MEMX LLC (MEMX)	2.88		4.87	0.67		0		-488	-26.3905	28	26.9492	0	
HRT Execution Services LLC (HRTF)	2.88		5.47	0.00		0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	2.80		1.79	3.93		0		1	0.0965	-0	-2.4547	0	
CBOE BZX Exchange (BATS)	2.77		5.03	0.26		0		-547	-26.1459	5	15.8096	0	
IEX (IEXD)	2.58		4.76	0.16		0		-92	-9.1383	-0	-10.0000	0	
Citadel Securities "PRO" (CDRG)	2.00		3.82	0.00		0		0	0.0000	0		0	
UBS ATS (UBSA)	1.98		3.77	0.00		0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.70		3.23	0.00		0		150	15.0314	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.65		3.15	0.00		0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.56		2.81	0.19		0		-410	-27.1361	80	16.6997	0	
The Barclays ATS (LATS)	1.49		2.83	0.00		0		0	0.0000	0		0	
CODA (CODA)	1.46		2.78	0.00		0		0	0.0000	0		0	
IntelligentCross ATS (INCR)	1.29		2.34	0.12		0		-27	-8.0000	-1	-8.0000	0	
Crossfinder (CAES)	1.19		2.27	0.00		0		1	10.0000	0		0	
XTX Execution Services LLC (XTXE)	1.00		1.71	0.22		0		0	0.0000	0	0.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	0.48		0.92	0.00		0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.44		0.79	0.05		0		-49	-29.6195	0	20.0000	0	

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 American (XASE)	0.42		0.52	0.31		0		-111	-17.5173	1	0.1643	0	
Level ATS (EBXL)	0.33		0.63	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.20		0.37	0.00		0		-11	-9.8014	0		0	
NYSE National (XCIS)	0.18		0.34	0.00		0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.15		0.28	0.00		0		1	1.8874	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGX Exchange (EDGX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

NYSE Arca (ARCA):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MEMX LLC (MEMX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BYX Exchange (BATY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BZX Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IEX (IEXD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGA Exchange (EDGA):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PSX (XPSX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American (XASE):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE CHX (XCHI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE National (XCIS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX (XBOS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

May 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
100.00	0.02	40.36	50.96	8.66

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)
CBOE C2 Exchange (C2OX)	29.80	100.00	4.27	45.58	55.72	0		-1,307	-42.9586	1,745	41.9798	227	34.0150
Cboe EDGX Options Exchange (EDGO)	11.38	0.00	4.70	17.46	6.72	0		314	20.5784	1,779	17.9300	1,580	59.0561
NYSE Arca Options (ARCO)	8.75	0.00	8.76	9.47	4.48	0		-992	-56.6005	4,834	71.2411	1,387	64.8112
Nasdaq MRX (MCRY)	6.96	0.00	16.39	0.00	3.98	0		4,635	52.2175	0		1,597	33.8187
MIAX PEARL (MPRL)	5.04	0.00	9.82	2.11	0.00	0		-3,513	-46.2648	1,830	73.7147	0	
NYSE American Options (AMXO)	4.63	0.00	1.12	6.30	11.19	0		1	0.4018	0	0.0000	0	0.0000
Nasdaq Options Market (XNDQ)	4.33	0.00	7.74	2.37	0.00	0		-2,266	-38.9254	1,465	71.8710	0	
Nasdaq ISE (XISX)	3.94	0.00	5.02	2.96	4.73	0		14	0.7720	1,666	100.0000	760	32.7586
Cboe BZX Options Exchange (BATS)	3.94	0.00	6.51	2.58	0.00	0		-1,437	-55.0713	1,262	46.6365	0	

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 BX Options (XBXO)	3.90	0.00	9.66	0.00	0.00	0		-832	-38.9182	0		0	
Nasdaq GEMX (GMNI)	3.81	0.00	4.43	3.97	0.00	0		-792	-38.3862	743	42.2090	0	
Chicago Board Options Exchange (XCBO)	3.15	0.00	5.18	1.82	1.49	0		7,987	35.6098	35	12.5543	10,214	79.3105
Nasdaq PHLX (XPHL)	2.97	0.00	4.06	1.78	4.98	0		1,201	25.1209	2	5.3125	0	0.0000
BOX Exchange (XBOX)	2.78	0.00	6.62	0.08	0.75	0		4,003	62.3862	0		360	90.0000
MIAX Options Exchange (XMIO)	2.74	0.00	2.24	3.38	1.24	0		6	1.1863	0	0.0000	524	20.0000
MIAX Emerald Exchange (EMLD)	1.87	0.00	3.47	0.13	4.73	0		-327	-42.0476	0		997	46.9934

Material Aspects:

CBOE C2 Exchange (C2OX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Cboe EDGX Options Exchange (EDGO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca Options (ARCO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq MRX (MCRY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL (MPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American Options (AMXO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq Options Market (XNDQ):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq ISE (XISX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Cboe BZX Options Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX Options (XBXO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq GEMX (GMNI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Chicago Board Options Exchange (XCBO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PHLX (XPHL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

BOX Exchange (XBOX):

An affiliate under common control with IBKR has a substantial, minority investment in the Boston Options Exchange Group LLC, which operates the Boston Options Exchange. To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX Options Exchange (XMIO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX Emerald Exchange (EMLD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

June 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
100.00	0.00	77.72	22.24	0.04

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)
Nasdaq Stock Market (XNAS)	20.24		11.20	51.69	100.00	0		-139	-25.4220	1,034	29.5437	0	0.0000
IBKR ATS (IATS)	15.27		19.54	0.34	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	9.23		6.60	18.47	0.00	0		-82	-30.0000	0	16.0000	0	
New York Stock Exchange (XNYS)	7.99		3.44	23.90	0.00	0		-56	-17.0718	813	19.9951	0	
MEMX LLC (MEMX)	5.73		7.23	0.51	0.00	0		-48	-30.0000	1	26.5714	0	
NYSE Arca (ARCX)	5.01		6.45	0.00	0.00	0		-82	-26.3257	0		0	
CBOE BZX Exchange (BATS)	4.90		6.21	0.34	0.00	0		-41	-13.1698	0	16.0000	0	
HRT Execution Services LLC (HRTF)	3.96		5.09	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	3.54		4.36	0.68	0.00	0		-12	-9.5991	0		0	

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)
XTX Execution Services LLC (XTXE)	3.20		3.83	1.02	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGA Exchange (EDGA)	2.98		3.83	0.00	0.00	0		-10	-6.0053	0		0	
IntelligentCross ATS (INCR)	2.75		3.35	0.68	0.00	0		-5	-8.0000	-0	-8.0000	0	
MIAX PEARL Equities (EPRL)	2.68		3.44	0.00	0.00	0		-32	-29.5000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.85		2.38	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.81		2.33	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.66		2.13	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.32		1.70	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.13		1.45	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.06		1.36	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	0.79		1.02	0.00	0.00	0		0		0		0	
CBOE BYX Exchange (BATY)	0.79		0.39	2.20	0.00	0		0	1.0078	0		0	
Nasdaq PSX (XPSX)	0.53		0.63	0.17	0.00	0		-1	-30.0000	0		0	
The Barclays ATS (LATS)	0.49		0.63	0.00	0.00	0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.34		0.44	0.00	0.00	0		-2	-10.0000	0		0	
Nasdaq BX (XBOS)	0.23		0.29	0.00	0.00	0		0		0		0	
NYSE American (XASE)	0.19		0.24	0.00	0.00	0		-2	-30.0000	0		0	
NYSE National (XCIS)	0.19		0.24	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.08		0.10	0.00	0.00	0		0	96.0000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.04		0.05	0.00	0.00	0		0	24.0000	0		0	
Level ATS (EBXL)	0.04		0.05	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://>

ibkr.com/regulatoryreports.

CBOE EDGX Exchange (EDGX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MEMX LLC (MEMX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca (ARCX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BZX Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IEX (IEXD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGA Exchange (EDGA):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BYX Exchange (BATY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PSX (XPSX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE CHX (XCHI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX (XBOS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American (XASE):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE National (XCIS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

Virtu Americas LLC "LITE" (NITE):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

June 2023

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
99.73	0.00	58.32	41.67	0.01

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)
Nasdaq Stock Market (XNAS)	28.08		10.89	52.14	50.00	0		-1,602	-20.5924	6,305	10.6439	0	0.0000
CBOE EDGX Exchange (EDGX)	10.86		6.68	16.70	50.00	0		-802	-20.2726	47	3.0705	0	
New York Stock Exchange (XNYS)	9.28		4.23	16.35	0.00	0		-422	-19.7659	2,135	18.1864	0	
NYSE Arca (ARCX)	8.86		9.51	7.96	0.00	0		-1,394	-21.1756	2,432	23.9944	0	
IBKR ATS (IATS)	8.52		14.25	0.51	0.00	0		0	0.0000	0	0.0000	0	
HRT Execution Services LLC (HRTF)	3.74		6.42	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	3.71		5.59	1.07	0.00	0		-372	-27.5505	26	21.5306	0	
CBOE BZX Exchange (BATS)	3.30		5.55	0.14	0.00	0		-358	-25.2598	2	14.2308	0	
IEX (IEXD)	2.66		4.28	0.39	0.00	0		-50	-9.2076	-0	-1.7763	0	
CBOE BYX Exchange (BATY)	2.36		1.24	3.93	0.00	0		-6	-1.1795	0	0.4000	0	
Citadel Securities "PRO" (CDRG)	2.30		3.94	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	2.08		3.57	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.94		3.28	0.07	0.00	0		-275	-28.8091	0	29.0000	0	
CBOE EDGA Exchange (EDGA)	1.75		2.99	0.00	0.00	0		63	11.8912	0		0	
IntelligentCross ATS (INCR)	1.53		2.57	0.08	0.00	0		-20	-8.0000	-0	-8.0000	0	
CODA (CODA)	1.52		2.61	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.50		2.57	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	1.28		2.20	0.00	0.00	0		0	10.0000	0		0	

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)
The Barclays ATS (LATS)	1.21		2.07	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.18		1.79	0.33	0.00	0		0	0.0000	0	0.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	0.92		1.59	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.34		0.52	0.09	0.00	0		-21	-30.0000	2	20.0000	0	
Level ATS (EBXL)	0.32		0.56	0.00	0.00	0		0	0.0000	0		0	
NYSE American (XASE)	0.25		0.36	0.09	0.00	0		-12	-17.3686	1	0.0916	0	
Nasdaq BX (XBOS)	0.18		0.31	0.00	0.00	0		-0	-0.4412	0		0	
NYSE CHX (XCHI)	0.15		0.26	0.00	0.00	0		-12	-10.0000	0		0	
NYSE National (XCIS)	0.08		0.13	0.02	0.00	0		0	0.0000	-0	-29.0000	0	
IBKR EOS ATS (IEOS)	0.05		0.00	0.12	0.00	0		0		0		0	
SG Americas Securities, LLC (SGAS)	0.02		0.04	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGX Exchange (EDGX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

New York Stock Exchange (XNYS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca (ARCX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

MEMX LLC (MEMX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BZX Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

IEX (IEXD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE BYX Exchange (BATY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL Equities (EPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

CBOE EDGA Exchange (EDGA):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PSX (XPSX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American (XASE):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX (XBOS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE CHX (XCHI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE National (XCIS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

June 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
100.00	0.07	42.82	55.95	1.16

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)
CBOE C2 Exchange (C2OX)	23.76	33.33	4.62	38.63	12.50	0	42.0000	-2,051	-45.1047	3,483	42.0000	168	35.0000
Cboe EDGX Options Exchange (EDGO)	11.23	0.00	4.62	16.27	12.50	0		807	30.4334	3,334	16.5804	277	49.0000
NYSE Arca Options (ARCO)	9.47	0.00	8.18	10.40	12.50	0		-876	-52.0606	2,931	54.0840	25	2.2904
Nasdaq MRX (MCRY)	7.58	0.00	17.15	0.09	16.67	0		3,686	39.7474	1	32.8293	200	9.9827

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 GEMX (GMNI)	6.76	0.00	5.08	8.20	0.00	0		-1,192	-46.7462	1,008	23.4030	0	
Cboe BZX Options Exchange (BATS)	6.67	0.00	6.66	6.82	0.00	0		-798	-53.4595	920	79.7528	0	
MIAX PEARL (MPRL)	5.43	0.00	9.19	2.68	0.00	0		-3,511	-42.0814	34	25.5263	0	
Nasdaq Options Market (XNDQ)	4.20	0.00	7.56	1.73	0.00	0		-2,713	-52.3333	268	56.5190	0	
Chicago Board Options Exchange (XCBO)	4.15	0.00	5.25	3.19	10.42	0		4,847	42.3506	20	14.3901	539	48.7632
BOX Exchange (XBOX)	4.01	0.00	9.25	0.09	0.00	0		3,726	45.5219	0	16.0000	0	
Nasdaq BX Options (XBXO)	3.67	0.00	8.57	0.00	0.00	0		-833	-47.0198	0		0	
Nasdaq PHLX (XPHL)	3.24	0.00	4.51	2.11	10.42	0		1,133	22.2033	0	0.0000	0	0.0000
MIAX Options Exchange (XMIO)	3.21	0.00	2.14	4.10	0.00	0		27	3.7893	0	0.0000	0	
Nasdaq ISE (XISX)	2.92	66.67	2.93	2.63	12.50	0		137	14.4689	1,349	100.0000	209	21.1890
NYSE American Options (AMXO)	2.13	0.00	1.35	2.76	0.00	0		3	0.4091	0	0.0000	0	
MIAX Emerald Exchange (EMLD)	1.57	0.00	2.93	0.30	12.50	0		-619	-47.1088	130	43.0000	414	40.0000

Material Aspects:

CBOE C2 Exchange (C2OX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Cboe EDGX Options Exchange (EDGO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE Arca Options (ARCO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq MRX (MCRY):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq GEMX (GMNI):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Cboe BZX Options Exchange (BATS):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX PEARL (MPRL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq Options Market (XNDQ):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Chicago Board Options Exchange (XCBO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

BOX Exchange (XBOX):

An affiliate under common control with IBKR has a substantial, minority investment in the Boston Options Exchange Group LLC, which operates the Boston Options Exchange. To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq BX Options (XBXO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq PHLX (XPHL):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX Options Exchange (XMIO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

Nasdaq ISE (XISX):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

NYSE American Options (AMXO):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

MIAX Emerald Exchange (EMLD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.