

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

Generated on Thu Oct 12 2023 12:40:46 GMT-0400 (EDT)

3rd Quarter, 2023

July 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	0.07	79.98	19.92	0.02

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)	23.85	0.00	13.52	65.32	100.00	0		77	2.9625	2,106	29.6520	0	
IBKR ATS (IATS)	15.83	0.00	19.70	0.36	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	7.10	0.00	4.70	16.75	0.00	0		-122	-22.2733	1,500	19.7032	0	
CBOE EDGX Exchange (EDGX)	6.55	0.00	5.53	10.69	0.00	0		-61	-15.2038	0	14.6667	0	
NYSE Arca (ARCA)	5.87	0.00	7.19	0.59	0.00	0		-145	-15.0269	0	20.0000	0	
MEMX LLC (MEMX)	5.49	0.00	6.78	0.36	0.00	0		-51	-30.0000	0	10.0000	0	
CBOE BZX Exchange (BATS)	4.99	0.00	6.24	0.00	0.00	0		-87	-24.4366	0		0	
HRT Execution Services LLC (HRTF)	3.83	0.00	4.79	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXG)	3.38	0.00	4.20	0.12	0.00	0		-15	-9.4557	0		0	
IntelligentCross ATS (INCR)	3.19	0.00	3.91	0.36	0.00	0		-5	-8.0000	-0	-8.0000	0	
CBOE EDGA Exchange (EDGA)	2.98	0.00	3.73	0.00	0.00	0		-43	-10.6487	0		0	
MIAX PEARL Equities (EPRL)	2.18	0.00	2.72	0.00	0.00	0		-29	-29.5000	0		0	
XTX Execution Services LLC (XTXE)	2.08	0.00	2.43	0.71	0.00	0		0	0.0000	0	0.0000	0	
UBS ATS (UBSA)	1.73	0.00	2.16	0.00	0.00	0		0	0.0000	0		0	
Jane Street	1.63	0.00	2.04	0.00	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)
Capital LLC "PRO" (JSJX)													
SG Americas Securities, LLC (SGAS)	1.49	0.00	1.86	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.28	0.00	1.60	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.23	0.00	1.54	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.09	0.00	0.27	4.39	0.00	0		2	1.7252	0		0	
Citadel Securities "PRO" (CDRG)	0.85	0.00	1.07	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	0.76	0.00	0.95	0.00	0.00	0		0		0		0	
The Barclays ATS (LATS)	0.76	0.00	0.95	0.00	0.00	0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.54	0.00	0.68	0.00	0.00	0		-5	-10.0000	0		0	
Level ATS (EBXL)	0.43	0.00	0.53	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.28	0.00	0.36	0.00	0.00	0		-32	-28.8540	0		0	
Citadel Securities "LITE" (CDED)	0.17	33.33	0.12	0.24	0.00	0	24.0000	0	16.6667	0	57.0000	0	
NYSE National (XCIS)	0.17	0.00	0.21	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.12	0.00	0.15	0.00	0.00	0		-1	-30.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.09	66.67	0.03	0.12	0.00	0	112.0000	0	132.0000	0	27.0000	0	
NYSE American (XASE)	0.05	0.00	0.06	0.00	0.00	0		-7	-30.0000	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>.

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.

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.

MEMX LLC (MEMX):

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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.

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.

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.

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.

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 PSX (XPSX):

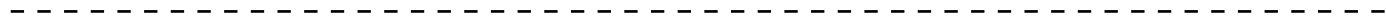
To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent that IBKR receives enhanced rebate payments for exceeding volume thresholds on particular markets, it does not pass these enhanced rebate amounts directly to clients.

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.

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.



July 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
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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
99.94	0.00	62.11	37.87	0.02

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)	29.35		10.23	60.69	75.00	0		-1,776	-18.4400	8,834	15.2630	1	29.5000
IBKR ATS (IATS)	11.60		18.29	0.64	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	9.40		5.93	15.11	0.00	0		-776	-21.9106	168	3.8814	0	
NYSE Arca (ARCX)	6.50		7.25	5.28	0.00	0		-1,362	-22.2465	1,701	18.4394	0	
New York Stock Exchange (XNYS)	6.10		2.61	11.82	0.00	0		-238	-12.3275	2,181	18.4354	0	
HRT Execution Services LLC (HRTF)	4.09		6.58	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	3.31		4.52	1.34	0.00	0		-351	-27.3648	62	17.8554	0	
IEX (IEXD)	3.11		4.77	0.39	0.00	0		-58	-9.0480	-8	-9.8734	0	
CBOE BZX Exchange (BATS)	2.99		4.72	0.14	0.00	0		-391	-25.6408	7	12.8877	0	
UBS ATS (UBSA)	2.48		3.99	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	2.48		3.99	0.00	0.00	0		106	11.6525	0		0	
Citadel Securities "PRO" (CDRG)	2.14		3.44	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.96		0.94	3.62	25.00	0		-50	-6.4999	-10	-7.9173	0	
IntelligentCross ATS (INCR)	1.95		3.04	0.17	0.00	0		-26	-8.0000	-1	-8.0000	0	
CODA (CODA)	1.76		2.84	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.76		2.78	0.09	0.00	0		-201	-26.6246	0	27.0000	0	
XTX Execution Services LLC (XTXE)	1.70		2.49	0.41	0.00	0		0	0.0000	0	0.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	1.66		2.68	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.51		2.43	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	1.33		2.15	0.00	0.00	0		1	10.0000	0		0	
The Barclays ATS (LATS)	1.10		1.78	0.00	0.00	0		0	0.0000	0		0	
Level ATS (EBXL)	0.49		0.79	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX	0.35		0.49	0.12	0.00	0		-23	-28.4599	0	17.5000	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)
(XPSX)													
NYSE CHX (XCHI)	0.31		0.49	0.01	0.00	0		-15	-10.0000	-0	-10.0000	0	
NYSE American (XASE)	0.24		0.27	0.18	0.00	0		-24	-19.1598	0	0.0000	0	
Nasdaq BX (XBOS)	0.21		0.34	0.00	0.00	0		3	4.3644	0		0	
NYSE National (XCIS)	0.11		0.17	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.01		0.02	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):

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NYSE Arca (ARCX):

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New York Stock Exchange (XNYS):

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MEMX LLC (MEMX):

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IEX (IEXD):

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CBOE BZX Exchange (BATS):

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CBOE EDGA Exchange (EDGA):

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CBOE BYX Exchange (BATY):

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MIAX PEARL Equities (EPRL):

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Nasdaq PSX (XPSX):

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NYSE CHX (XCHI):

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NYSE American (XASE):

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Nasdaq BX (XBOS):

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NYSE National (XCIS):

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July 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	0.13	37.01	61.21	1.64

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)	21.57	14.29	3.21	32.65	22.99	0		-1,130	-46.3025	2,547	42.0000	-4	-0.4752
Cboe EDGX Options Exchange (EDGO)	14.93	0.00	4.74	21.25	10.34	0		417	20.8166	1,285	16.6369	278	49.0000
NYSE Arca Options (ARCO)	8.63	0.00	7.90	8.91	14.94	0		-731	-52.8785	1,533	47.3371	298	19.7769
Nasdaq MRX (MCRY)	7.83	0.00	20.81	0.03	6.90	0		3,538	38.0843	0	29.0000	0	0.0000
Cboe BZX Options Exchange (BATS)	6.78	0.00	4.79	8.17	0.00	0		-1,023	-47.3833	850	69.2101	0	
Nasdaq GEMX (GMNI)	6.72	0.00	4.28	8.39	0.00	0		-1,079	-43.0274	1,389	33.8615	0	
MIAX PEARL (MPRL)	4.28	14.29	8.11	2.07	0.00	0		-2,747	-51.1333	62	25.5809	0	
BOX Exchange (XBOX)	4.25	0.00	11.37	0.00	2.30	0		3,554	37.1459	0		50	80.8710
MIAX Options	4.17	0.00	2.04	5.55	1.15	0		80	7.0900	0	0.0000	0	20.0000

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)
Exchange (XMIO)													
Nasdaq PHLX (XPHL)	3.98	0.00	4.49	3.58	8.05	0		1,602	25.5426	0	0.4789	0	0.0000
Nasdaq Options Market (XNDQ)	3.70	0.00	6.78	1.94	0.00	0		-1,258	-39.7903	365	53.4041	0	
Nasdaq ISE (XISX)	3.62	71.43	2.24	4.22	6.90	0		-33	-6.5705	1,058	99.0637	68	13.9344
Nasdaq BX Options (XBXO)	3.45	0.00	9.33	0.00	0.00	0		-754	-27.5577	0		0	
NYSE American Options (AMXO)	2.23	0.00	1.43	2.74	1.15	0		0	0.0000	0	0.0000	0	0.0000
Chicago Board Options Exchange (XCBO)	2.10	0.00	5.10	0.31	1.15	0		3,466	37.0733	-4	-59.2500	0	
MIAX Emerald Exchange (EMLD)	1.76	0.00	3.37	0.19	24.14	0		-598	-52.5303	197	43.0000	226	9.5443

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.

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 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 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.

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.

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.

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.

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.

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.

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.

August 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
99.98	0.00	80.56	19.44	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)	23.15		13.75	62.12		0		196	4.7796	4,034	28.9098	0	
IBKR ATS (IATS)	15.15		18.62	0.80		0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	8.79		7.17	15.49		0		-204	-21.9287	0	15.4203	0	
MEMX LLC (MEMX)	6.30		7.75	0.27		0		-63	-30.0000	0	8.0000	0	
NYSE Arca (ARCX)	6.24		7.32	1.77		0		-73	-3.7320	-0	-11.6667	0	
CBOE BZX Exchange (BATS)	5.33		6.62	0.00		0		-162	-19.2085	0		0	
New York Stock Exchange (XNYS)	5.23		3.54	12.21		0		25	3.1567	952	19.8244	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)
IEX (IEXG)	3.30		4.04	0.27		0		-32	-6.5220	-0	-10.0000	0	
MIAX PEARL Equities (EPRL)	3.20		3.97	0.00		0		-59	-25.7396	0		0	
IntelligentCross ATS (INCR)	3.10		3.74	0.44		0		-8	-8.0000	-0	-8.0000	0	
HRT Execution Services LLC (HRTF)	2.94		3.65	0.00		0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	2.65		3.29	0.00		0		-296	-24.3167	0		0	
Level ATS (EBXL)	2.41		2.99	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.89		2.05	1.24		0		0	0.0000	0	0.0000	0	
UBS ATS (UBSA)	1.53		1.90	0.00		0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.32		1.64	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.32		1.64	0.00		0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.20		0.21	5.31		0		-0	-0.2923	0	2.0000	0	
Virtu Americas LLC "PRO" (VIRT)	1.12		1.39	0.00		0		0	0.0000	0		0	
CODA (CODA)	1.03		1.28	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.81		1.00	0.00		0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.60		0.75	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.43		0.53	0.00		0		-6	-10.0000	0		0	
Nasdaq PSX (XPSX)	0.31		0.38	0.00		0		33	17.8377	0		0	
Crossfinder (CAES)	0.22		0.28	0.00		0		0		0		0	
Nasdaq BX (XBOS)	0.14		0.17	0.00		0		0	2.1600	0		0	
NYSE American (XASE)	0.12		0.15	0.00		0		1	4.4074	0		0	
NYSE National (XCIS)	0.09		0.11	0.00		0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	0.03		0.04	0.00		0		0	12.0000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.02		0.02	0.00		0		0	132.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.02		0.00	0.09		0		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.

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.

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.

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.

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 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.

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.

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.

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.

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.

August 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
99.70	0.00	56.94	43.03	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)	28.37		11.21	51.06	42.86	0		-1,655	-22.0445	9,697	22.0702	0	
CBOE EDGX Exchange (EDGX)	12.53		6.06	21.09	0.00	0		-963	-25.5676	80	1.8741	0	
IBKR ATS (IATS)	11.11		19.11	0.52	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	9.65		3.80	17.35	42.86	0		-397	-17.7631	4,351	19.1293	0	0.0000
NYSE Arca (ARCX)	6.07		6.91	4.96	14.29	0		-1,210	-19.5424	1,163	23.2446	0	0.0000
MEMX LLC (MEMX)	3.63		5.60	1.01	0.00	0		-203	-25.7738	23	14.7352	0	
HRT Execution Services LLC (HRTF)	3.26		5.72	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	2.81		4.83	0.14	0.00	0		-528	-26.1807	17	15.7863	0	
IEX (IEXG)	2.51		4.33	0.10	0.00	0		-63	-9.5469	0	0.0000	0	
Level ATS (EBXL)	2.00		3.51	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.96		3.45	0.00	0.00	0		95	12.2544	0		0	
IntelligentCross ATS (INCR)	1.93		3.27	0.15	0.00	0		-30	-8.0000	-1	-8.0000	0	
UBS ATS (UBSA)	1.90		3.34	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX	1.82		0.95	2.98	0.00	0		-1	-0.1278	-2	-5.5374	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)
Exchange (BATY)													
MIAX PEARL Equities (EPRL)	1.77		3.04	0.08	0.00	0		-299	-26.7882	1	27.0000	0	
Citadel Securities "PRO" (CDRG)	1.59		2.80	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.26		2.21	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.18		2.07	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.12		1.73	0.31	0.00	0		0	0.0000	0	0.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	1.11		1.96	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.96		1.68	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.38		0.65	0.03	0.00	0		-24	-26.9349	1	20.0000	0	
Crossfinder (CAES)	0.36		0.63	0.00	0.00	0		0		0		0	
NYSE CHX (XCHI)	0.31		0.54	0.00	0.00	0		-18	-10.0000	0		0	
NYSE American (XASE)	0.19		0.17	0.21	0.00	0		-8	-2.9372	0	0.0075	0	
Nasdaq BX (XBOS)	0.15		0.26	0.00	0.00	0		-18	-5.5672	0		0	
NYSE National (XCIS)	0.07		0.13	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.01		0.03	0.00	0.00	0		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.

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.

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>.

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.

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.

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.

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 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.

August 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	41.44	57.06	1.48

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)	27.63	0.00	3.99	45.20	11.94	0		-1,661	-45.3423	1,532	42.0000	22	6.4524
Cboe EDGX Options Exchange (EDGO)	9.40	0.00	4.42	13.03	8.96	0		609	23.0303	1,705	16.8838	128	66.1606

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)	8.23	0.00	3.89	11.60	0.00	0		-1,463	-42.5623	920	40.0000	0	
NYSE Arca Options (ARCO)	8.14	0.00	7.19	8.82	8.96	0		-751	-51.2853	839	71.2753	405	41.5955
Nasdaq MRX (MCRY)	7.92	0.00	18.74	0.00	10.45	0		2,609	31.9175	0		34	36.1962
BOX Exchange (XBOX)	5.65	0.00	13.37	0.15	1.49	0		2,851	25.3964	1	28.6667	30	150.0000
Cboe BZX Options Exchange (BATS)	5.16	0.00	5.32	5.18	0.00	0		-1,394	-50.5819	686	69.1633	0	
Nasdaq BX Options (XBXO)	4.94	0.00	11.93	0.00	0.00	0		-1,591	-40.8657	0		0	
MIAX PEARL (MPRL)	4.35	0.00	9.58	0.66	0.00	0		-2,896	-42.3237	43	25.8434	0	
Nasdaq PHLX (XPHL)	3.64	0.00	3.78	3.05	22.39	0		1,090	24.2009	0	0.0000	0	0.0000
Nasdaq Options Market (XNDQ)	3.44	0.00	5.75	1.86	0.00	0		-1,264	-50.9754	561	78.3953	0	
Chicago Board Options Exchange (XCBO)	3.31	0.00	3.99	2.71	7.46	0		3,851	34.1036	-77	-28.1145	-4	-64.2500
MIAX Options Exchange (XMIO)	2.80	0.00	1.86	3.52	1.49	0		49	4.8952	0	0.0000	2	20.0000
Nasdaq ISE (XISX)	2.16	100.00	2.13	1.70	19.40	0	0.0000	53	7.6100	1,255	100.0000	24	38.7097
NYSE American Options (AMXO)	1.79	0.00	1.70	1.89	0.00	0		0	0.0000	0	0.0000	0	
MIAX Emerald Exchange (EMLD)	1.43	0.00	2.34	0.62	7.46	0		-465	-51.9074	9	43.0000	22	17.3438

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.

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.

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.

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.

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.

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 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.

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.

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.

September 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	80.47	19.53	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)	22.42		13.87	57.67		0		154	7.4310	1,613	29.4933	0	
IBKR ATS (IATS)	20.35		25.07	0.87		0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	9.73		6.68	22.30		0		-55	-11.4631	0	16.0000	0	
NYSE Arca (ARCX)	5.17		6.22	0.87		0		45	4.1081	0	22.7679	0	
CBOE BZX Exchange (BATS)	4.97		6.13	0.17		0		-51	-11.2514	0		0	
MEMX LLC (MEMX)	4.76		5.88	0.17		0		-27	-30.0000	0	15.0000	0	
New York Stock Exchange (XNYS)	4.36		2.62	11.50		0		-2	-0.4567	642	19.9783	0	
IEX (IEXG)	2.96		3.59	0.35		0		-24	-5.6361	0		0	
HRT Execution Services LLC (HRTF)	2.89		3.59	0.00		0		0	0.0000	0		0	
IntelligentCross ATS (INCR)	2.86		3.51	0.17		0		-4	-8.0000	-0	-8.0000	0	
CBOE EDGA Exchange (EDGA)	2.82		3.51	0.00		0		-56	-15.7697	0		0	
Level ATS (EBXL)	2.48		3.09	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	2.04		2.41	0.52		0		0	0.0000	0	0.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	1.67		2.07	0.00		0		0	0.0000	0		0	
UBS ATS (UBSA)	1.57		1.95	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.36		1.69	0.00		0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.29		1.61	0.00		0		0	0.0000	0		0	
MIAx PEARL Equities (EPRL)	1.22		1.52	0.00		0		-12	-24.0597	0		0	
CBOE BYX Exchange (BATY)	1.19		0.17	5.40		0		0	2.0000	0	1.9898	0	
CODA (CODA)	0.78		0.97	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.75		0.93	0.00		0		-4	-10.0000	0		0	
Nasdaq PSX (XPSX)	0.65		0.80	0.00		0		-5	-30.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.54		0.68	0.00		0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.48		0.59	0.00		0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	0.24		0.30	0.00		0		0	23.0164	0		0	
Nasdaq BX	0.20		0.25	0.00		0		0	0.1580	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)
(XBOS)													
NYSE American (XASE)	0.10		0.13	0.00		0		0	1.3333	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.07		0.08	0.00		0		0	33.6000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.03		0.04	0.00		0		0	12.0000	0		0	
NYSE National (XCIS)	0.03		0.04	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.

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.

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.

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.

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.

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 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.

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.

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.

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.

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.

September 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
99.65	0.00	56.63	43.32	0.05

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)	25.55		10.03	45.77	87.50	0		-974	-27.6724	4,429	27.5343	0	0.0000
CBOE EDGX Exchange (EDGX)	15.70		5.72	28.77	0.00	0		-446	-29.3656	40	11.7652	0	
IBKR ATS (ATS)	10.50		18.21	0.43	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	7.24		3.43	12.23	0.00	0		-158	-10.6747	2,561	19.7745	0	
NYSE Arca (ARCX)	7.06		6.93	7.25	0.00	0		-636	-20.8070	1,865	24.3066	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)
MEMX LLC (MEMX)	4.55		6.22	2.36	0.00	0		-173	-28.7853	16	14.9800	0	
CBOE BZX Exchange (BATS)	3.47		6.06	0.08	0.00	0		-413	-27.2360	0	0.6667	0	
HRT Execution Services LLC (HRTF)	3.38		5.97	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.64		4.52	0.19	0.00	0		-55	-9.4707	0	4.0000	0	
CBOE EDGA Exchange (EDGA)	2.14		3.78	0.00	0.00	0		70	15.6344	0		0	
IntelligentCross ATS (INCR)	2.03		3.54	0.05	0.00	0		-22	-8.0000	-0	-8.0000	0	
Level ATS (EBXL)	2.01		3.54	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.98		3.47	0.03	0.00	0		-202	-27.1924	0		0	
UBS ATS (UBSA)	1.92		3.39	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.49		2.64	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.48		0.82	2.33	12.50	0		1	0.7013	0	0.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	1.32		2.33	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.30		2.29	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.21		2.13	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.06		1.87	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	0.83		1.24	0.28	0.00	0		0	0.0000	0	0.0000	0	
Nasdaq PSX (XPSX)	0.48		0.81	0.05	0.00	0		-23	-29.5263	1	20.0000	0	
NYSE CHX (XCHI)	0.21		0.37	0.00	0.00	0		-8	-10.0000	0		0	
Nasdaq BX (XBOS)	0.19		0.34	0.00	0.00	0		1	3.5717	0		0	
NYSE American (XASE)	0.16		0.13	0.19	0.00	0		-4	-30.0000	1	17.0000	0	
NYSE National (XCIS)	0.10		0.18	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	0.01		0.01	0.00	0.00	0		0	12.0000	0		0	
NASDAQ Retail Liquidity Program (NASD)	0.01		0.01	0.00	0.00	0		0	21.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.01		0.01	0.00	0.00	0		0	12.0000	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.

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>.

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.

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 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.

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.

NASDAQ Retail Liquidity Program (NASD):

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.

September 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	0.12	38.42	59.34	2.12

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)	23.15	0.00	3.26	36.57	9.59	0		-1,014	-46.6558	1,043	42.0000	2	21.8750
NYSE Arca Options (ARCO)	11.08	0.00	7.19	13.92	2.74	0		-383	-52.9282	1,102	61.1310	68	75.0000
Cboe EDGX Options Exchange (EDGO)	9.86	0.00	6.81	11.96	6.85	0		145	18.1140	494	16.4835	0	
Nasdaq MRX (MCRY)	9.13	0.00	23.62	0.00	2.74	0		919	28.7189	0		0	0.0000
Cboe BZX Options Exchange (BATS)	7.85	0.00	4.39	10.39	0.00	0		-422	-52.3561	140	61.7577	0	
Nasdaq PHLX (XPHL)	6.92	0.00	3.79	7.70	42.47	0		545	19.0066	2	1.8085	0	0.0000
BOX Exchange (XBOX)	6.28	0.00	16.12	0.05	2.74	0		3,416	34.4015	3	27.0000	45	150.0000
Nasdaq GEMX (GMNI)	5.44	0.00	2.80	7.35	0.00	0		-739	-44.0997	485	40.0000	0	
Nasdaq BX Options (XBXO)	3.52	0.00	9.16	0.00	0.00	0		-715	-45.7710	0		0	
MIAX PEARL (MPRL)	3.37	0.00	7.87	0.59	0.00	0		-2,224	-39.5320	7	48.3333	0	
NYSE	2.73	0.00	1.51	3.63	0.00	0		5	1.2646	0	0.0000	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)
American Options (AMXO)													
Nasdaq ISE (XISX)	2.47	100.00	2.42	1.67	20.55	0		-33	-5.3090	758	100.0000	41	29.8235
Nasdaq Options Market (XNDQ)	2.36	0.00	3.63	1.62	0.00	0		-695	-48.0359	495	76.7442	0	
Chicago Board Options Exchange (XCBO)	2.36	0.00	4.62	0.83	4.11	0		2,436	32.0586	-7	-59.7045	306	105.3651
MIAX Options Exchange (XMIO)	2.01	0.00	1.29	2.45	2.74	0		58	34.5210	0	0.0000	4	20.0000
MIAX Emerald Exchange (EMLD)	1.45	0.00	1.51	1.27	5.48	0		-295	-54.7254	2	43.0000	40	60.0000

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.

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.

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.

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.

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 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.

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.

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.

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 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.

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.

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.