

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

Generated on Tue Jan 23 2024 06:29:55 GMT-0500 (EST)

4th Quarter, 2023

October 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	67.08	32.92	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)	30.50		13.44	65.25		0		-118	-7.0385	1,361	28.7141	0	
IBKR ATS (IATS)	17.46		25.73	0.61		0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	11.58		4.51	26.00		0		-13	-5.4981	565	19.9728	0	
CBOE EDGX Exchange (EDGX)	5.51		6.98	2.51		0		-86	-14.3982	0	32.0000	0	
NYSE Arca (ARCX)	4.79		6.51	1.30		0		26	2.6052	1	25.0000	0	
MEMX LLC (MEMX)	4.62		6.72	0.35		0		-58	-30.0000	2	14.9655	0	
Level ATS (EBXL)	2.80		4.17	0.00		0		0	0.0000	0		0	
IntelligentCross ATS (INCR)	2.77		4.08	0.09		0		-3	-8.0000	-0	-8.0000	0	
CBOE BZX Exchange (BATS)	2.40		3.57	0.00		0		-42	-18.1159	0		0	
HRT Execution Services LLC (HRTF)	2.28		3.40	0.00		0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	2.23		3.32	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.77		2.30	0.69		0		0	0.0000	0	0.0000	0	
IEX (IEXG)	1.57		2.25	0.17		0		-7	-9.6357	0		0	
CBOE EDGA Exchange (EDGA)	1.46		2.17	0.00		0		-1	-1.1674	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)
CBOE BYX Exchange (BATY)	1.23		0.43	2.86		0		0	1.9809	0	0.0000	0	
UBS ATS (UBSA)	1.17		1.74	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.11		1.66	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.00		1.49	0.00		0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	0.91		1.36	0.00		0		-16	-26.0391	0		0	
Virtu Americas LLC "PRO" (VIRT)	0.86		1.28	0.00		0		0	0.0000	0		0	
CODA (CODA)	0.54		0.81	0.00		0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.37		0.55	0.00		0		0		0		0	
NYSE CHX (XCHI)	0.34		0.51	0.00		0		-2	-10.0000	0		0	
Nasdaq PSX (XPSX)	0.31		0.47	0.00		0		-1	-30.0000	0		0	
Citadel Securities "LITE" (CDED)	0.11		0.13	0.09		0		0	28.3636	0	27.0000	0	
Nasdaq BX (XBOS)	0.11		0.17	0.00		0		0	5.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.09		0.09	0.09		0		0	72.0000	0	27.0000	0	
NYSE American (XASE)	0.09		0.13	0.00		0		-2	-30.0000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.03		0.04	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.

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):

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NYSE Arca (ARCX):

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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):

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CBOE BYX Exchange (BATY):

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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.

NYSE CHX (XCHI):

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Nasdaq PSX (XPSX):

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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.

Jane Street Capital LLC "LITE" (JNST):

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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.

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.

October 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
99.73	0.01	48.22	51.67	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)	30.34	100.00	10.70	48.56	76.47	0		-740	-22.7919	3,003	25.6467	-8	-14.7545
CBOE EDGX Exchange (EDGX)	16.36	0.00	6.11	25.92	11.76	0		-540	-28.3530	33	14.8181	-0	-30.0000
New York Stock Exchange (XNYS)	10.43	0.00	4.18	16.27	5.88	0		-178	-13.8553	1,767	19.8007	0	
IBKR ATS (IATS)	8.05	0.00	16.34	0.34	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	6.48	0.00	7.96	5.11	0.00	0		-653	-22.1391	1,492	21.5339	0	
CBOE BZX Exchange (BATS)	3.10	0.00	6.33	0.09	5.88	0		-456	-29.7722	0	16.0000	0	
MEMX LLC (MEMX)	3.03	0.00	5.07	1.14	0.00	0		-114	-28.8302	119	15.0000	0	
HRT Execution Services LLC (HRTF)	2.78	0.00	5.78	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	2.35	0.00	3.90	0.90	0.00	0		-250	-29.5000	3	24.0000	0	
IEX (IEXD)	2.06	0.00	4.23	0.04	0.00	0		-43	-9.6661	0	4.0000	0	
Level ATS (EBXL)	1.92	0.00	3.99	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.90	0.00	3.93	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.58	0.00	3.27	0.00	0.00	0		51	13.1885	0		0	
IntelligentCross ATS (INCR)	1.31	0.00	2.56	0.15	0.00	0		-13	-8.0000	-1	-8.0000	0	
The Barclays ATS (LATS)	1.25	0.00	2.59	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.22	0.00	2.52	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.20	0.00	2.48	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.07	0.00	0.96	1.18	0.00	0		4	1.3951	0	0.0000	0	
XTX Execution Services LLC (XTXE)	1.05	0.00	1.93	0.23	0.00	0		0	0.0000	0	0.0000	0	
Virtu Americas LLC "PRO" (VIRT)	0.85	0.00	1.76	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.84	0.00	1.74	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.33	0.00	0.69	0.00	0.00	0		-39	-30.0000	0		0	
NYSE American	0.18	0.00	0.28	0.08	0.00	0		-8	-28.4493	-0	-5.0000	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)
(XASE)													
NYSE CHX (XCHI)	0.14	0.00	0.30	0.00	0.00	0		-5	-10.0000	0		0	
Nasdaq BX (XBOS)	0.12	0.00	0.24	0.00	0.00	0		1	4.5402	0		0	
NYSE National (XCIS)	0.04	0.00	0.08	0.00	0.00	0		0	0.0000	0		0	
Blue Ocean ATS, LLC (OCEA)	0.03	0.00	0.05	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.01	0.00	0.01	0.00	0.00	0		0	24.0000	0		0	
Citadel Securities "LITE" (CDED)	0.01	0.00	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.

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New York Stock Exchange (XNYS):

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IEX (IEXD):

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CBOE EDGA Exchange (EDGA):

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Nasdaq BX (XBOS):

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NYSE National (XCIS):

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October 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	0.15	36.82	61.00	2.03

Venues

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CBOE C2 Exchange (C2OX)	32.95	0.00	4.19	51.37	3.61	0		-349	-36.7996	1,431	41.9768	-14	-47.0000
Cboe EDGX Options Exchange (EDGO)	12.31	0.00	4.46	17.36	3.61	0		136	18.7249	877	15.7713	24	49.0000
Nasdaq MRX (MCRY)	11.25	0.00	30.23	0.16	1.20	0		1,467	36.7712	1	29.1627	0	0.0000

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)
Chicago Board Options Exchange (XCBO)	8.46	0.00	5.33	8.00	79.52	0		592	34.5994	-148	-34.8443	49	20.3442
BOX Exchange (XBOX)	6.84	0.00	18.18	0.24	0.00	0		1,024	18.2136	4	31.9382	0	
Cboe BZX Options Exchange (BATS)	5.07	0.00	6.26	4.54	0.00	0		-405	-46.1845	484	83.0274	0	
NYSE Arca Options (ARCO)	4.81	66.67	5.86	4.02	4.82	-10	-85.0000	-411	-49.2347	586	73.5930	50	41.4667
Nasdaq PHLX (XPHL)	3.80	0.00	5.39	2.89	2.41	0		421	27.1447	1	1.7414	0	
Nasdaq GEMX (GMNI)	3.48	0.00	2.20	4.38	0.00	0		-74	-41.0000	20	40.0000	0	
MIAX PEARL (MPRL)	2.06	0.00	4.86	0.44	0.00	0		-420	-45.2250	137	25.0000	0	
MIAX Options Exchange (XMIO)	1.99	0.00	1.53	2.33	0.00	0		112	32.6813	0	0.0000	0	
Nasdaq BX Options (XBXO)	1.99	0.00	5.39	0.00	0.00	0		-539	-33.5214	0		0	
Nasdaq Options Market (XNDQ)	1.64	0.00	2.53	1.17	0.00	0		-183	-48.8155	192	68.8710	0	
Nasdaq ISE (XISX)	1.32	33.33	2.00	0.80	2.41	0		-147	-10.9843	123	100.0000	0	
NYSE American Options (AMXO)	1.18	0.00	0.20	1.81	0.00	0		0	0.0000	0	0.0000	0	
MIAX Emerald Exchange (EMLD)	0.54	0.00	1.33	0.00	2.41	0		-7	-12.6786	0		0	
MEMX LLC OPTIONS (MXOP)	0.32	0.00	0.07	0.48	0.00	0		-2	-46.0000	5	49.0000	0	

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 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.

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.

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.

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 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 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.

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 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 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.

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.

MEMX LLC OPTIONS (MXOP):

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.

November 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	67.39	32.53	0.08

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)	32.85		14.94	69.90	50.00	0		-75	-8.7277	1,521	27.2973	-0	-15.0000
IBKR ATS (IATS)	17.17		25.19	0.61	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	7.66		1.70	19.90	50.00	0		-24	-12.1161	333	19.8356	-0	-10.0000
CBOE EDGX Exchange (EDGX)	5.37		7.44	1.09	0.00	0		-94	-21.9262	16	16.0000	0	
NYSE Arca (ARCX)	4.97		6.85	1.09	0.00	0		-111	-20.7349	18	24.6004	0	
MEMX LLC (MEMX)	4.15		5.74	0.85	0.00	0		-23	-29.9598	0		0	
CBOE BZX Exchange (BATS)	2.76		4.04	0.12	0.00	0		-27	-12.7251	0		0	
IntelligentCross ATS (INCR)	2.68		3.98	0.00	0.00	0		-3	-8.0000	0		0	
Level ATS (EBXL)	2.25		3.34	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	2.25		3.34	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	2.05		0.47	5.34	0.00	0		-24	-17.2696	0		0	
XTX Execution Services LLC (XTXE)	2.01		2.81	0.36	0.00	0		0	0.0000	0	0.0000	0	
Citadel Securities "PRO" (CDRG)	1.74		2.58	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	1.74		2.34	0.49	0.00	0		-7	-10.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.62		2.40	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.34		1.99	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.22		1.82	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.18		1.76	0.00	0.00	0		8	16.4671	0		0	
SG Americas Securities, LLC (SGAS)	1.11		1.64	0.00	0.00	0		0	0.0000	0		0	
Jane Street Midpoint (JSES)	1.07		1.58	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	0.83		1.23	0.00	0.00	0		-10	-29.5000	0		0	
CODA (CODA)	0.47		0.70	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.39		0.59	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.32		0.47	0.00	0.00	0		-1	-30.0000	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)
Jane Street Capital LLC "LITE" (JNST)	0.16		0.23	0.00	0.00	0		0	108.0000	0		0	
NYSE CHX (XCHI)	0.16		0.23	0.00	0.00	0		-0	-10.0000	0		0	
Citadel Securities "LITE" (CDED)	0.12		0.12	0.12	0.00	0		0	150.0000	0	48.0000	0	
NYSE American (XASE)	0.08		0.12	0.00	0.00	0		19	14.3448	0		0	
Blue Ocean ATS, LLC (OCEA)	0.08		0.06	0.12	0.00	0		0	0.0000	0	0.0000	0	
NYSE National (XCIS)	0.08		0.12	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.04		0.06	0.00	0.00	0		0		0		0	
IBKR EOS ATS (IEOS)	0.04		0.06	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.04		0.06	0.00	0.00	0		0	36.0000	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):

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 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.

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.

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.

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 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.

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 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.

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.

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.

November 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
99.86	0.00	52.92	47.07	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)	31.98		10.12	56.55	50.00	0		-769	-23.9360	4,639	27.0392	-0	-15.0000
CBOE EDGX Exchange (EDGX)	11.34		5.02	18.44	0.00	0		-437	-28.1759	12	5.3715	0	
IBKR ATS (IATS)	9.58		17.79	0.35	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	8.88		4.53	13.76	50.00	0		-375	-21.1760	2,469	19.2714	0	0.0000
NYSE Arca (ARCX)	7.22		7.92	6.45	0.00	0		-572	-20.9554	1,685	29.3297	0	
MEMX LLC (MEMX)	3.36		5.43	1.03	0.00	0		-130	-29.1145	13	14.3852	0	
CBOE BZX Exchange (BATS)	2.68		5.01	0.07	0.00	0		-359	-28.7535	0	16.0000	0	
HRT Execution Services LLC (HRTF)	2.66		5.02	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.55		4.55	0.29	0.00	0		-65	-9.9691	0	2.8649	0	
MIAX PEARL Equities (EPRL)	2.04		3.57	0.32	0.00	0		-211	-29.4732	0	7.9500	0	
Level ATS (EBXL)	1.93		3.64	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.78		3.37	0.00	0.00	0		0	0.0000	0		0	
IntelligentCross ATS (INCR)	1.76		3.28	0.05	0.00	0		-20	-8.0000	-0	-8.0000	0	
CBOE EDGA Exchange (EDGA)	1.72		3.26	0.00	0.00	0		82	10.7675	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.66		3.14	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.57		1.07	2.14	0.00	0		2	0.8419	0		0	
CODA (CODA)	1.19		2.24	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.11		2.10	0.00	0.00	0		0	0.0000	0		0	
Jane Street Midpoint (JSES)	1.08		2.04	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.07		2.01	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	0.91		1.47	0.28	0.00	0		0	0.0000	0	0.0000	0	
Citadel Securities "PRO" (CDRG)	0.87		1.65	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.49		0.91	0.01	0.00	0		-17	-30.0000	0		0	
NYSE CHX (XCHI)	0.16		0.31	0.00	0.00	0		-7	-10.0000	0		0	
NYSE American (XASE)	0.15		0.18	0.12	0.00	0		-5	-30.0000	1	17.0000	0	
Nasdaq BX (XBOS)	0.09		0.18	0.00	0.00	0		-0	-1.9025	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)
IBKR EOS ATS (IEOS)	0.06		0.01	0.11	0.00	0		0	0.0000	0	0.0000	0	
NYSE National (XCIS)	0.04		0.08	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.04		0.07	0.00	0.00	0		0	0.0000	0		0	
Blue Ocean ATS, LLC (OCEA)	0.03		0.04	0.03	0.00	0		0	0.0000	0	0.0000	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.

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.

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.

November 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	0.49	35.56	60.34	3.61

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 EDGX Options Exchange (EDGO)	16.35	0.00	8.53	21.38	11.36	0		148	18.1915	539	15.6975	24	43.6757
CBOE C2 Exchange (C2OX)	14.30	25.00	2.30	21.52	10.23	0		-121	-39.2208	443	42.0000	5	17.4286
Cboe BZX Options Exchange (BATS)	12.70	0.00	4.61	18.33	0.00	0		-264	-45.0000	590	96.3889	0	
NYSE Arca Options (ARCO)	11.18	41.67	2.42	16.63	2.27	-9	-85.0000	-45	-49.3913	725	43.0761	1	57.0000
Nasdaq MRX (MCRY)	10.73	0.00	29.84	0.20	0.00	0		3,343	41.3115	2	25.1429	0	
Chicago Board Options Exchange (XCBO)	10.20	0.00	18.09	5.36	14.77	0		461	20.6433	-63	-44.3280	-4	-59.2500
Nasdaq PHLX (XPHL)	5.16	0.00	7.83	2.17	29.55	0		1,101	34.1644	1	1.4000	1	3.0000
Nasdaq GEMX (GMNI)	4.38	8.33	1.38	6.38	0.00	0		-57	-39.3682	146	40.0000	0	
BOX Exchange (XBOX)	4.18	0.00	11.41	0.20	0.00	0		808	23.5605	0	29.0000	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)
Nasdaq ISE (XISX)	2.99	25.00	1.73	2.31	23.86	0		-21	-16.1734	386	114.0000	1	12.5000
MIAX Options Exchange (XMIO)	2.05	0.00	1.84	2.31	0.00	0		6	0.5439	0	0.0000	0	
Nasdaq BX Options (XBXO)	1.80	0.00	5.07	0.00	0.00	0		-235	-27.6588	0		0	
MIAX PEARL (MPRL)	1.68	0.00	2.76	1.15	0.00	0		-277	-46.2910	37	39.0000	0	
NYSE American Options (AMXO)	1.23	0.00	0.58	1.70	0.00	0		0	0.0000	0	0.0000	0	
Nasdaq Options Market (XNDQ)	0.66	0.00	1.27	0.34	0.00	0		-54	-49.0000	85	78.3333	0	
MIAX Emerald Exchange (EMLD)	0.41	0.00	0.35	0.00	7.95	0		-19	-50.0000	0		2	25.8333

Material Aspects:

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.

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 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.

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.

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.

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.

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 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.

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 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 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.

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.

December 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
99.77	0.00	60.09	39.91	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)	33.16		10.38	67.47		0		-46	-12.4615	731	26.8070	0	
IBKR ATS (IATS)	17.18		27.64	1.42		0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	11.90		8.40	17.19		0		-11	-17.1815	159	19.7290	0	
CBOE EDGX Exchange (EDGX)	4.65		4.15	5.40		0		-22	-26.6479	0	6.3200	0	
NYSE Arca (ARCX)	3.57		5.19	1.14		0		-100	-30.0000	0	32.0000	0	
CBOE BYX Exchange (BATY)	3.00		0.85	6.25		0		1	2.0000	0	2.0000	0	
Level ATS (EBXL)	2.89		4.81	0.00		0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	2.44		4.06	0.00		0		0	0.0000	0		0	
Jane Street	2.38		3.96	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)													
MEMX LLC (MEMX)	2.32		3.87	0.00		0		-12	-29.9888	0		0	
CBOE BZX Exchange (BATS)	2.04		3.30	0.14		0		-22	-30.0000	0		0	
IEX (IEXG)	1.93		3.21	0.00		0		-12	-9.9914	0		0	
Jane Street Midpoint (JSES)	1.81		3.02	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.81		2.55	0.71		0		0	0.0000	0	0.0000	0	
IntelligentCross ATS (INCR)	1.59		2.55	0.14		0		-1	-8.0000	-0	-8.0000	0	
Citadel Securities "PRO" (CDRG)	1.25		2.08	0.00		0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.08		1.79	0.00		0		2	15.2513	0		0	
UBS ATS (UBSA)	1.02		1.70	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.85		1.42	0.00		0		-3	-10.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.85		1.42	0.00		0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	0.51		0.85	0.00		0		0	0.0000	0		0	
CODA (CODA)	0.45		0.75	0.00		0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	0.34		0.57	0.00		0		-15	-29.5000	0		0	
The Barclays ATS (LATS)	0.28		0.47	0.00		0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.17		0.28	0.00		0		0	1.6833	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.11		0.19	0.00		0		0	34.2857	0		0	
Virtu Americas LLC "LITE" (NITE)	0.11		0.19	0.00		0		0	32.0000	0		0	
Nasdaq PSX (XPSX)	0.11		0.19	0.00		0		-0	-30.0000	0		0	
Citadel Securities "LITE" (CDED)	0.06		0.00	0.14		0		0		0	27.0000	0	
NYSE National (XCIS)	0.06		0.09	0.00		0		0	0.0000	0		0	
NYSE American (XASE)	0.06		0.09	0.00		0		-0	-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.

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.

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.

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.

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 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.

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.

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.

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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.

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.

December 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
99.85	0.00	58.08	41.87	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)	29.52		9.06	57.81	100.00	0		-489	-17.8353	4,141	26.5757	-0	-0.2071
IBKR ATS (IATS)	11.64		19.39	0.89	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	8.66		7.22	10.66	0.00	0		-280	-16.2644	2,169	31.4812	0	
New York Stock Exchange (XNYS)	8.24		2.95	15.58	0.00	0		-148	-25.9856	2,002	19.3180	0	
CBOE EDGX Exchange (EDGX)	7.29		5.11	10.32	0.00	0		-273	-23.8027	7	14.4823	0	
HRT Execution Services LLC (HRTF)	3.50		6.03	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	3.05		4.64	0.85	0.00	0		-82	-28.4622	3	15.0000	0	
MIAX PEARL Equities (EPRL)	2.79		3.96	1.17	0.00	0		-193	-29.4489	0	24.0000	0	
Level ATS (EBXL)	2.69		4.64	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.67		4.52	0.11	0.00	0		-29	-10.0000	0	4.0000	0	
CBOE BZX Exchange (BATS)	2.25		3.84	0.04	0.00	0		-220	-28.4441	0	4.5000	0	
UBS ATS (UBSA)	2.24		3.86	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	2.11		3.63	0.00	0.00	0		55	16.4901	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.66		2.86	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX	1.66		1.21	2.29	0.00	0		2	1.4791	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)
Exchange (BATY)													
IntelligentCross ATS (INCR)	1.58		2.71	0.02	0.00	0		-12	-8.0000	-0	-8.0000	0	
Virtu Americas LLC "PRO" (VIRT)	1.54		2.65	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	1.34		2.31	0.00	0.00	0		0	0.0000	0		0	
Jane Street Midpoint (JSES)	1.24		2.13	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.15		1.82	0.21	0.00	0		0	0.0000	0	0.0000	0	
The Barclays ATS (LATS)	1.06		1.82	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.97		1.67	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.44		0.77	0.00	0.00	0		-8	-28.5251	0		0	
NYSE CHX (XCHI)	0.27		0.46	0.00	0.00	0		-8	-10.0000	0		0	
Nasdaq BX (XBOS)	0.20		0.34	0.00	0.00	0		1	2.5832	0		0	
NYSE American (XASE)	0.13		0.20	0.04	0.00	0		-4	-30.0000	1	16.0404	0	
NYSE National (XCIS)	0.07		0.12	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.03		0.05	0.00	0.00	0		0	0.0000	0		0	
Blue Ocean ATS, LLC (OCEA)	0.02		0.03	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>.

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.

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.

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.

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 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.

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.

December 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	0.06	36.74	60.17	3.02

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)
Cboe EDGX Options Exchange (EDGO)	17.14	0.00	4.19	25.82	2.04	0		69	17.8894	16	0.8377	1	49.0000
Nasdaq MRX	13.81	0.00	37.42	0.00	2.04	0		2,825	42.2642	0		4	38.6488

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)
(MCRY)													
NYSE Arca Options (ARCO)	10.85	0.00	1.85	16.91	0.00	0		-42	-52.6456	503	42.8433	0	
Nasdaq PHLX (XPHL)	9.68	0.00	15.27	4.30	48.98	0		756	25.3272	5	7.2514	-12	-50.0000
CBOE C2 Exchange (C2OX)	8.94	0.00	1.51	13.93	0.00	0		-122	-38.6000	406	42.0000	0	
Cboe BZX Options Exchange (BATS)	8.08	0.00	2.35	11.99	0.00	0		-197	-76.1628	1,228	103.6160	0	
Chicago Board Options Exchange (XCBO)	7.34	0.00	9.90	5.53	12.24	0		1,284	33.2957	-106	-52.5634	-13	-59.2500
Nasdaq ISE (XISX)	5.30	100.00	2.18	5.64	34.69	0		14	21.4313	579	114.0000	0	0.0000
Nasdaq GEMX (GMNI)	4.93	0.00	1.51	7.27	0.00	0		-24	-22.4311	106	26.5163	0	
BOX Exchange (XBOX)	4.75	0.00	12.75	0.10	0.00	0		3,167	41.7212	3	29.0000	0	
MIAX Options Exchange (XMIO)	3.02	0.00	1.17	4.30	0.00	0		43	17.9747	0	0.0000	0	
NYSE American Options (AMXO)	1.91	0.00	0.67	2.77	0.00	0		0	0.0000	0	0.0000	0	
Nasdaq Options Market (XNDQ)	1.36	0.00	1.68	1.23	0.00	0		-178	-43.7740	4	20.0000	0	
MIAX PEARL (MPRL)	1.29	0.00	3.19	0.20	0.00	0		-493	-74.4743	5	25.0000	0	
Nasdaq BX Options (XBXO)	1.17	0.00	3.19	0.00	0.00	0		23	12.5870	0		0	
MIAX Emerald Exchange (EMLD)	0.37	0.00	1.01	0.00	0.00	0		-41	-50.0000	0		0	
MEMX LLC OPTIONS (MXOP)	0.06	0.00	0.17	0.00	0.00	0		-1	-46.0000	0		0	

Material Aspects:

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.

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 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.

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 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 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 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.

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.

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.

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.

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.

MEMX LLC OPTIONS (MXOP):

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.