

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

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3rd Quarter, 2022

July 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.86	0.00	63.28	36.72	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)	37.90		11.63	83.16		0		-229	-22.8984	858	27.1294	0	
IBKR ATS (IATS)	19.16		30.09	0.31		0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	5.45		5.22	5.85		0		-105	-29.3646	343	25.7094	0	
NYSE Arca (ARCX)	4.85		7.55	0.19		0		-240	-29.6341	3	25.0000	0	
New York Stock Exchange (XNYS)	4.52		3.14	6.91		0		-89	-21.6157	464	19.7851	0	
IEX (IEXG)	2.95		4.67	0.00		0		-21	-8.0347	0		0	
CBOE BZX Exchange (BATS)	2.77		4.34	0.06		0		-64	-29.7976	0	10.0000	0	
MEMX LLC (MEMX)	2.47		3.90	0.00		0		-37	-30.0000	0		0	
UBS ATS (UBSA)	2.33		3.68	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	2.12		3.36	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	2.03		3.21	0.00		0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.78		2.81	0.00		0		11	16.2521	0		0	
CBOE BYX Exchange	1.66		0.66	3.39		0		0	1.9905	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)
(BATY)													
HRT Execution Services LLC (HRTX)	1.48		2.33	0.00		0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.43		2.26	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.43		2.26	0.00		0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.97		1.53	0.00		0		-8	-21.7072	0		0	
MIAX PEARL Equities (EPRL)	0.85		1.31	0.06		0		-11	-29.0000	0	29.0000	0	
NYSE CHX (XCHI)	0.76		1.20	0.00		0		-5	-10.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.76		1.20	0.00		0		0	0.0000	0		0	
Crossfinder (CAES)	0.58		0.91	0.00		0		0	10.0000	0		0	
Level ATS (EBXL)	0.53		0.84	0.00		0		0	0.0000	0		0	
CODA (CODA)	0.44		0.69	0.00		0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.42		0.66	0.00		0		0	0.0000	0		0	
NYSE American (XASE)	0.18		0.26	0.06		0		-6	-30.0000	0	21.0000	0	
Nasdaq BX (XBOS)	0.12		0.18	0.00		0		10	4.9354	0		0	
NYSE National (XCIS)	0.07		0.11	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.

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 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.

CBOE EDGA Exchange (EDGA):

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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.

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):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent 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):

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Nasdaq BX (XBOS):

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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.

July 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
95.78	0.01	63.97	35.98	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)	29.99	100.00	13.64	59.00	71.43	0	0.0000	-1,394	-28.5103	2,587	24.4662	-0	-15.0000
IBKR ATS (IATS)	12.56	0.00	19.47	0.28	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	9.71	0.00	5.84	16.58	14.29	0		-565	-29.3610	413	23.3724	0	10.0000

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)
NYSE Arca (ARCX)	9.03	0.00	9.91	7.48	0.00	0		-1,341	-26.0403	5,266	31.1058	0	
New York Stock Exchange (XNYS)	8.35	0.00	5.18	14.00	14.29	0		-555	-27.3767	2,015	19.7509	0	0.0000
MEMX LLC (MEMX)	4.55	0.00	7.02	0.16	0.00	0		-451	-29.8532	1	20.0000	0	
CBOE BZX Exchange (BATS)	4.11	0.00	6.40	0.04	0.00	0		-602	-27.8522	16	16.0000	0	
HRT Execution Services LLC (HRTX)	2.78	0.00	4.35	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.61	0.00	4.04	0.07	0.00	0		-48	-7.8399	-0	-6.0000	0	
CBOE EDGA Exchange (EDGA)	2.05	0.00	3.20	0.00	0.00	0		58	10.0053	0		0	
UBS ATS (UBSA)	1.89	0.00	2.95	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.82	0.00	1.69	2.06	0.00	0		6	1.7391	0	0.0000	0	
Citadel Securities "PRO" (CDRG)	1.59	0.00	2.49	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	1.19	0.00	1.86	0.02	0.00	0		-102	-30.0000	0	20.0000	0	
MIAX PEARL Equities (EPRL)	1.16	0.00	1.76	0.11	0.00	0		-132	-27.1377	0	29.0000	0	
Virtu Americas LLC "PRO" (VIRT)	1.08	0.00	1.69	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.04	0.00	1.63	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	0.99	0.00	1.55	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	0.89	0.00	1.39	0.00	0.00	0		2	10.0000	0		0	
NYSE CHX (XCHI)	0.55	0.00	0.86	0.00	0.00	0		-14	-10.0000	0		0	
XTX Execution Services LLC (XTXE)	0.52	0.00	0.81	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.49	0.00	0.77	0.00	0.00	0		0	0.0000	0		0	
Level ATS (EBXL)	0.39	0.00	0.61	0.00	0.00	0		0	0.0000	0		0	
NYSE American (XASE)	0.32	0.00	0.38	0.21	0.00	0		-20	-27.7305	0	20.0000	0	
Nasdaq BX (XBOS)	0.21	0.00	0.34	0.00	0.00	0		1	1.8174	0		0	
NYSE National (XCIS)	0.11	0.00	0.18	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:**Nasdaq Stock Market (XNAS):**

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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.

IEX (IEXD):

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CBOE EDGA Exchange (EDGA):

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CBOE BYX Exchange (BATY):

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Nasdaq PSX (XPSX):

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MIAX PEARL Equities (EPRL):

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NYSE American (XASE):

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Nasdaq BX (XBOS):

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July 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.10	16.38	80.30	3.21

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
NYSE Arca Options (ARCO)	50.43	20.00	5.60	61.21	10.56	0		-40	-43.9333	1,523	48.4240	8	39.0000
CBOE C2 Exchange (C2OX)	10.02	20.00	2.44	10.39	39.13	0		-48	-38.8537	89	42.0000	6	35.0000
Cboe EDGX Options Exchange (EDGO)	9.82	0.00	4.02	10.86	13.66	0		19	21.7931	54	13.0000	12	47.0000
Nasdaq MRX (MCRY)	8.46	0.00	51.28	0.07	0.00	0		269	32.0011	1	29.0000	0	
Chicago Board Options Exchange (XCBO)	5.99	0.00	5.12	6.29	3.11	0		41	18.2721	-92	-19.4713	-1	-59.2500
Nasdaq GEMX (GMNI)	4.13	20.00	0.49	5.02	0.00	0		-5	-48.0000	76	54.1844	0	
Nasdaq Options Market (XNDQ)	2.75	0.00	2.68	2.88	0.00	0		-26	-32.3000	35	46.3816	0	
Cboe BZX Options Exchange (BATS)	2.43	0.00	3.41	2.34	0.00	0		-27	-58.1915	33	56.2931	0	
Nasdaq ISE (XISX)	1.72	20.00	7.19	0.20	11.18	0		-20	-14.4029	1	59.0000	3	25.0000
Nasdaq PHLX (XPHL)	0.96	0.00	3.53	0.02	11.18	0		20	25.9367	0		0	0.0000
Nasdaq BX Options (XBXO)	0.80	0.00	4.87	0.00	0.00	0		-129	-45.7872	0		0	
MIAX Emerald Exchange (EMLD)	0.70	20.00	1.10	0.17	11.18	0		3	18.6667	23	53.0000	5	25.0000
NYSE American Options (AMXO)	0.56	0.00	0.97	0.50	0.00	0		2	12.4000	0		0	
MIAX Options Exchange	0.48	0.00	2.92	0.00	0.00	0		16	35.0426	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)
(XMIO)													
MIAX PEARL (MPRL)	0.46	0.00	2.56	0.05	0.00	0		-21	-43.4792	1	25.0000	0	
BOX Exchange (XBOX)	0.30	0.00	1.83	0.00	0.00	0		23	44.6923	0		0	

Material Aspects:

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 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.

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 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.

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 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 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 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.

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 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 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.

August 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.90	0.00	80.26	19.74	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)	26.44		16.57	66.57		0		-464	-28.4277	1,873	27.3359	0	
IBKR ATS (IATS)	20.73		25.73	0.39		0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	7.94		5.65	17.26		0		-153	-30.0000	194	25.0984	0	
NYSE Arca (ARCX)	6.81		8.44	0.20		0		-315	-29.7855	0	25.0000	0	
MEMX LLC (MEMX)	5.94		7.40	0.00		0		-103	-30.0000	0		0	
New York Stock Exchange (XNYS)	5.02		3.74	10.26		0		-123	-22.4301	535	18.9369	0	
IEX (IEXG)	4.32		5.38	0.00		0		-25	-7.7154	0		0	
CBOE BZX Exchange (BATS)	3.39		4.17	0.20		0		-80	-29.9452	0	16.0000	0	
CBOE EDGA Exchange (EDGA)	2.45		3.06	0.00		0		12	6.5847	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.87		2.33	0.00		0		0	0.0000	0		0	
UBS ATS (UBSA)	1.83		2.28	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.65		2.06	0.00		0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.54		0.65	5.13		0		0	1.4221	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)
HRT Execution Services LLC (HRTX)	1.40		1.75	0.00		0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.40		1.75	0.00		0		-14	-28.3196	0		0	
XTX Execution Services LLC (XTXE)	1.19		1.48	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	1.03		1.29	0.00		0		-6	-10.0000	0		0	
Nasdaq PSX (XPSX)	0.99		1.24	0.00		0		9	7.6357	0		0	
CODA (CODA)	0.82		1.02	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.78		0.97	0.00		0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.66		0.82	0.00		0		0	0.0000	0		0	
Crossfinder (CAES)	0.53		0.65	0.00		0		0		0		0	
The Barclays ATS (LATS)	0.49		0.61	0.00		0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.29		0.36	0.00		0		0	3.2063	0		0	
Level ATS (EBXL)	0.21		0.27	0.00		0		0	0.0000	0		0	
NYSE American (XASE)	0.19		0.24	0.00		0		-3	-25.0000	0		0	
NYSE National (XCIS)	0.08		0.10	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.

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.

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.

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.

August 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
98.21	0.00	74.81	25.17	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)	23.31		12.77	54.62	62.50	0		-3,554	-26.3926	10,253	27.3318	-8	-12.0000
IBKR ATS (IATS)	14.93		19.75	0.60	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	9.53		6.40	18.86	0.00	0		-1,533	-29.6627	1,574	25.0856	0	
New York Stock	9.12		5.99	18.39	37.50	0		-1,564	-22.0524	4,987	19.8175	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)
Exchange (XNYS)													
NYSE Arca (ARCX)	7.58		8.67	4.34	0.00	0		-3,263	-25.7492	6,660	31.5192	0	
MEMX LLC (MEMX)	5.68		7.60	0.00	0.00	0		-847	-29.9278	0		0	
CBOE BZX Exchange (BATS)	5.27		7.02	0.09	0.00	0		-1,066	-29.9659	266	15.9724	0	
IEX (IEXD)	3.76		4.99	0.14	0.00	0		-192	-7.8475	-0	-0.4286	0	
HRT Execution Services LLC (HRTX)	2.42		3.24	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	2.30		3.07	0.00	0.00	0		138	13.7937	0		0	
UBS ATS (UBSA)	1.81		2.42	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.76		2.35	0.01	0.00	0		-275	-28.6385	1	29.0000	0	
Virtu Americas LLC "PRO" (VIRT)	1.72		2.30	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.70		2.27	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.47		0.99	2.89	0.00	0		9	1.7243	-0	-2.8310	0	
Nasdaq PSX (XPSX)	1.29		1.72	0.01	0.00	0		-137	-29.2314	0	20.0000	0	
CODA (CODA)	1.19		1.59	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.05		1.41	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	1.02		1.36	0.00	0.00	0		9	10.0000	0		0	
NYSE CHX (XCHI)	0.74		0.99	0.00	0.00	0		-39	-10.0000	0		0	
NYSE American (XASE)	0.68		0.89	0.05	0.00	0		-190	-29.8984	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.58		0.78	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	0.49		0.66	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.24		0.33	0.00	0.00	0		3	3.4840	0		0	
Level ATS (EBXL)	0.24		0.32	0.00	0.00	0		0	0.0000	0		0	
NYSE National (XCIS)	0.12		0.17	0.00	0.00	0		0	0.0000	0		0	
NASDAQ Retail Liquidity Program (NASD)	0.00		0.00	0.00	0.00	0		0	21.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

IBKR ATS (IATS):

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

CBOE EDGX Exchange (EDGX):

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

New York Stock Exchange (XNYS):

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

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.

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.

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.

August 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.12	24.31	69.40	6.17

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)
Chicago Board Options Exchange (XCBO)	22.15	16.67	8.31	24.00	55.97	-10	-50.2500	-273	-37.4132	-711	-26.0937	-261	-54.6412
NYSE Arca Options (ARCO)	19.39	16.67	6.15	25.48	3.14	0		-108	-53.8358	768	54.3319	31	39.0000
CBOE C2 Exchange (C2OX)	14.87	0.00	2.08	18.57	23.90	0		-240	-38.6452	152	41.8840	0	
Cboe EDGX Options Exchange (EDGO)	12.00	0.00	5.19	14.55	10.38	0		88	26.4805	221	16.5097	0	
Nasdaq MRX (MCRY)	8.46	0.00	34.66	0.06	0.00	0		412	31.7244	1	29.1453	0	
Cboe BZX Options Exchange (BATS)	5.32	0.00	9.90	4.20	0.00	0		-161	-58.5273	1,162	84.2676	0	
Nasdaq GEMX (GMNI)	5.30	0.00	0.56	7.44	0.00	0		-21	-40.8235	231	40.9220	0	
Nasdaq Options Market (XNDQ)	4.15	0.00	3.51	4.76	0.00	0		-115	-53.0323	152	59.0969	0	
Nasdaq ISE (XISX)	1.69	66.67	5.99	0.08	1.57	0	0.0000	-20	-9.6439	0		0	
Nasdaq PHLX (XPHL)	1.49	0.00	5.27	0.11	2.20	0		44	25.5088	17	17.0000	0	
BOX Exchange (XBOX)	1.48	0.00	6.07	0.00	0.00	0		278	54.6063	0		0	
Nasdaq BX Options (XBXO)	1.44	0.00	5.91	0.00	0.00	0		-131	-46.9036	0		0	
MIAX PEARL (MPRL)	0.87	0.00	3.59	0.00	0.00	0		-92	-51.8258	0		0	
NYSE American	0.60	0.00	0.64	0.64	0.00	0		0	0.8000	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)
Options (AMXO)													
MIAX Emerald Exchange (EMLD)	0.58	0.00	1.52	0.06	2.83	0		-37	-41.1209	2	53.0000	0	
MIAX Options Exchange (XMIO)	0.19	0.00	0.64	0.06	0.00	0		6	46.3333	0	0.0000	0	

Material Aspects:

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.

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 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.

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.

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 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 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.

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.

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.

September 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.02	0.00	69.59	30.41	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)	31.31		12.12	75.21		0		-63	-6.2220	1,064	27.6564	0	
IBKR ATS (IATS)	21.46		30.52	0.70		0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	5.95		5.29	7.46		0		25	6.4778	1	23.7500	0	
New York Stock Exchange (XNYS)	5.82		3.63	10.85		0		-71	-28.5059	27	18.5611	0	
NYSE Arca (ARCX)	4.93		6.77	0.70		0		-70	-30.0000	19	24.9835	0	
IEX (IEXD)	3.30		4.74	0.00		0		-14	-7.0844	0		0	
Virtu Americas LLC "PRO" (VIRT)	2.78		4.00	0.00		0		0	0.0000	0		0	
MEMX LLC (MEMX)	2.61		3.69	0.14		0		26	7.9368	0	18.0000	0	
XTX Execution Services LLC (XTXE)	2.36		3.32	0.14		0		0	0.0000	0	0.0000	0	
UBS ATS (UBSA)	2.31		3.32	0.00		0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	2.27		3.26	0.00		0		-41	-29.2712	0		0	
CBOE EDGA Exchange (EDGA)	2.10		3.02	0.00		0		-57	-22.3167	0		0	
CBOE BYX	1.97		0.74	4.79		0		0	2.0000	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)
Exchange (BATY)													
SG Americas Securities, LLC (SGAS)	1.80		2.58	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	1.71		2.46	0.00		0		-6	-10.0000	0		0	
HRT Execution Services LLC (HRTX)	1.37		1.97	0.00		0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.07		1.54	0.00		0		0	0.0000	0		0	
CODA (CODA)	0.99		1.42	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.94		1.35	0.00		0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	0.90		1.29	0.00		0		-6	-29.0000	0		0	
Nasdaq PSX (XPSX)	0.56		0.80	0.00		0		-5	-30.0000	0		0	
Crossfinder (CAES)	0.51		0.74	0.00		0		0		0		0	
The Barclays ATS (LATS)	0.43		0.62	0.00		0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.21		0.31	0.00		0		0	4.0000	0		0	
NYSE American (XASE)	0.21		0.31	0.00		0		-2	-30.0000	0		0	
Level ATS (EBXL)	0.09		0.12	0.00		0		0	0.0000	0		0	
NYSE National (XCIS)	0.04		0.06	0.00		0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

IBKR ATS (IATS):

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

CBOE EDGX Exchange (EDGX):

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

New York Stock Exchange (XNYS):

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

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.

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.

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.

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 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.

September 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
98.21	0.00	73.94	26.04	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 Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock	22.88		13.14	50.57	0.00	0		-1,913	-22.5917	5,240	27.0135	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)
Market (XNAS)													
IBKR ATS (IATS)	12.21		16.40	0.32	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	10.44		6.17	22.56	0.00	0		-742	-28.4047	586	24.5659	0	
NYSE Arca (ARCX)	8.96		9.91	6.22	75.00	0		-2,312	-27.6144	7,021	30.9282	-24	-12.0000
New York Stock Exchange (XNYS)	7.93		4.91	16.50	25.00	0		-867	-27.7614	3,305	19.7235	0	0.0000
MEMX LLC (MEMX)	5.20		7.00	0.11	0.00	0		-645	-28.9849	1	15.8901	0	
CBOE BZX Exchange (BATS)	4.76		6.41	0.07	0.00	0		-667	-27.2238	16	15.7711	0	
IEX (IEXD)	3.14		4.23	0.04	0.00	0		-64	-7.0983	0	0.0000	0	
HRT Execution Services LLC (HRTX)	2.74		3.70	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	2.70		3.65	0.00	0.00	0		77	8.1269	0		0	
MIAX PEARL Equities (EPRL)	2.52		3.14	0.74	0.00	0		-197	-18.2111	186	29.0000	0	
UBS ATS (UBSA)	2.00		2.70	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.87		2.53	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.80		2.44	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.71		1.37	2.69	0.00	0		6	1.0252	0	0.0556	0	
Nasdaq PSX (XPSX)	1.71		2.31	0.00	0.00	0		-138	-24.1273	0		0	
CODA (CODA)	1.42		1.92	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.25		1.69	0.00	0.00	0		0	0.0000	0		0	
Crossfinder (CAES)	1.24		1.67	0.00	0.00	0		5	10.0000	0		0	
XTX Execution Services LLC (XTXE)	0.83		1.10	0.06	0.00	0		0	0.0000	0	0.0000	0	
NYSE American (XASE)	0.74		0.95	0.13	0.00	0		-92	-29.2776	1	20.0000	0	
Jane Street Capital LLC "PRO" (JSJX)	0.73		0.99	0.00	0.00	0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.57		0.76	0.00	0.00	0		-28	-10.0000	0		0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq BX (XBOS)	0.32		0.44	0.00	0.00	0		4	3.6159	0		0	
NYSE National (XCIS)	0.22		0.29	0.00	0.00	0		0	0.0000	0		0	
Level ATS (EBXL)	0.13		0.18	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

IBKR ATS (IATS):

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

CBOE EDGX Exchange (EDGX):

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

NYSE Arca (ARCX):

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

New York Stock Exchange (XNYS):

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

MEMX LLC (MEMX):

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

CBOE BZX Exchange (BATS):

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

IEX (IEXD):

To the extent that IBKR receives volume discounts, such discounts are not passed on to clients. Likewise, to the extent 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 American (XASE):

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

NYSE CHX (XCHI):

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

clients.

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.

September 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.25	20.28	73.96	5.51

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 Options Market (XNDQ)	21.79	0.00	3.41	28.52	0.00	0		-40	-45.2472	117	28.3180	0	
NYSE Arca Options (ARCO)	16.17	20.00	5.98	20.09	0.90	0		-141	-52.0815	430	54.3375	0	
Cboe EDGX Options Exchange (EDGO)	13.67	0.00	6.95	16.32	3.59	0		123	22.2505	386	20.9978	0	
Chicago Board Options Exchange (XCBO)	13.67	0.00	4.63	11.60	75.34	0		-295	-28.4749	-56	-12.0316	-162	-54.3372
CBOE C2 Exchange (C2OX)	11.42	10.00	1.71	13.64	17.49	0		-47	-41.2632	179	42.0000	1	35.0000
Nasdaq MRX (MCRY)	8.41	0.00	40.85	0.10	0.90	0		330	27.6979	1	29.0000	2	26.3697
Nasdaq GEMX (GMNI)	3.12	0.00	0.73	4.01	0.00	0		-46	-55.0357	68	40.4734	0	
Cboe BZX Options Exchange (BATS)	2.10	0.00	3.54	1.87	0.00	0		-85	-53.0625	24	73.5000	0	
Nasdaq BX Options (XBXO)	2.00	0.00	9.88	0.00	0.00	0		-288	-39.5501	0		0	
MIAX Emerald	1.93	20.00	1.10	2.17	0.90	0		-101	-49.4976	18	98.1111	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 (EMLD)													
BOX Exchange (XBOX)	1.63	0.00	8.05	0.00	0.00	0		206	60.1906	0		0	
Nasdaq ISE (XISX)	1.38	50.00	4.02	0.57	0.45	0		3	6.4082	8	86.0000	0	
Nasdaq PHLX (XPHL)	1.09	0.00	4.76	0.13	0.45	0		22	8.6265	0	0.0000	0	
NYSE American Options (AMXO)	0.77	0.00	1.22	0.70	0.00	0		2	0.3062	0		0	
MIAX Options Exchange (XMIO)	0.45	0.00	1.59	0.17	0.00	0		5	10.3830	0	42.0000	0	
MIAX PEARL (MPRL)	0.40	0.00	1.59	0.10	0.00	0		-62	-49.7440	1	25.0000	0	

Material Aspects:

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.

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.

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.

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.

Nasdaq MRX (MCRY):

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

Nasdaq GEMX (GMNI):

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

Cboe BZX Options Exchange (BATS):

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

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.

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.

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.

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 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 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.