

Moomoo Financial Inc - Held NMS Stocks and Options Order Routing Public Report

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1st Quarter, 2023

January 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	0.92	36.41	59.45	3.23

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)	33.18	100.00	3.80	50.39	28.57	-0	-5.6250	-0	-30.0000	2	26.5945	-0	-15.0000
IBKR ATS (IATS)	15.21	0.00	39.24	1.55	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	14.75	0.00	1.27	20.16	71.43	0		-0	-29.0000	0	20.0000	-0	-8.7805
NYSE Arca (ARCX)	11.06	0.00	5.06	15.50	0.00	0		-0	-30.0000	0	25.0000	0	
XTX Execution Services LLC (XTXE)	6.45	0.00	15.19	1.55	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	4.15	0.00	2.53	5.43	0.00	0		-0	-30.0000	0	25.0000	0	
CBOE BYX Exchange (BATY)	3.69	0.00	1.27	5.43	0.00	0		0	2.0000	0		0	
IEX (IEXD)	2.30	0.00	6.33	0.00	0.00	0		-0	-9.0000	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):

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IEX (IEXD):

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January 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
100.00	0.02	19.46	79.72	0.81

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)	48.98	100.00	8.46	58.75	59.39	0	0.0000	-215	-28.2138	386	15.4375	-2	-6.9720
NYSE Arca (ARCX)	21.15	0.00	11.37	23.66	9.09	0		-168	-28.6939	86	20.2286	-0	-13.9286
CBOE EDGX Exchange (EDGX)	6.95	0.00	4.87	7.53	0.00	0		-105	-28.5941	11	2.5569	0	
New York Stock Exchange (XNYS)	4.25	0.00	0.70	4.89	27.27	0		-84	-28.9518	40	15.3420	-2	-9.8011
IBKR ATS (IATS)	3.67	0.00	17.84	0.24	0.00	0		0	0.0000	0	0.0000	0	
CBOE BYX Exchange (BATY)	2.58	0.00	1.91	2.77	0.00	0		4	1.6642	0	1.2893	0	
Citadel Securities "PRO" (CDRG)	1.54	0.00	7.93	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	1.51	0.00	7.28	0.12	0.00	0		-3	-9.1211	0	0.0000	0	

Material Aspects:

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January 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	0.00	6.91	93.09	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)
NYSE Arca Options (ARCO)	20.36		15.79	20.70		0		-9	-51.0000	47	75.0000	0	
CBOE C2 Exchange (C2OX)	18.18		5.26	19.14		0		-2	-43.0000	11	42.0000	0	
Cboe EDGX Options Exchange (EDGO)	14.55		5.26	15.23		0		0	21.0000	6	21.0000	0	
Nasdaq Options	14.55		5.26	15.23		0		-0	-49.0000	4	90.0000	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)
Market (XNDQ)													
Nasdaq ISE (XISX)	11.27		0.00	12.11		0		0		28	86.0000	0	
MIAX PEARL (MPRL)	4.73		10.53	4.30		0		-1	-48.0000	2	85.0000	0	
Nasdaq PHLX (XPHL)	4.36		21.05	3.12		0		2	31.0000	0	0.0000	0	
NYSE American Options (AMXO)	4.00		0.00	4.30		0		0		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 Options Market (XNDQ):

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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.

MIAX PEARL (MPRL):

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

Nasdaq PHLX (XPHL):

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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.

February 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
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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
100.00	0.00	25.72	72.44	1.84

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
New York Stock Exchange (XNYS)	29.40		0.00	39.13	57.14	0		0		0	16.1569	-0	-7.3214
Nasdaq Stock Market (XNAS)	24.67		4.08	31.52	42.86	0		-0	-30.0000	1	24.9557	0	0.0000
NYSE Arca (ARCX)	13.91		0.00	19.20	0.00	0		0		-0	-30.0000	0	
IBKR ATS (IATS)	9.19		29.59	2.17	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	6.56		20.41	1.81	0.00	0		0	0.0000	0	0.0000	0	
CBOE BYX Exchange (BATY)	2.62		1.02	3.26	0.00	0		0	2.0000	0		0	
UBS ATS (UBSA)	2.36		9.18	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	2.10		0.00	2.90	0.00	0		0		0	16.0000	0	

Material Aspects:

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.

Nasdaq Stock Market (XNAS):

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CBOE BYX Exchange (BATY):

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CBOE EDGX Exchange (EDGX):

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February 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
100.00	0.01	19.61	80.02	0.36

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)	49.77	100.00	9.13	59.66	64.76	-0	-10.0000	-164	-16.2976	599	13.7186	-0	-0.4403
NYSE Arca (ARCX)	23.04	0.00	12.17	25.78	6.67	0		-239	-25.2220	208	23.2841	-0	-15.0000
CBOE EDGX Exchange (EDGX)	4.68	0.00	6.35	4.29	0.00	0		-117	-18.9855	13	6.8888	0	
IBKR ATS (IATS)	3.71	0.00	17.90	0.25	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	3.55	0.00	0.29	4.24	27.62	0		-20	-28.9187	144	19.2074	-0	-4.8263
CBOE BYX Exchange (BATY)	3.39	0.00	1.21	3.94	0.00	0		1	0.8761	0	2.0000	0	
IEX (IEXD)	1.52	0.00	7.32	0.11	0.00	0		-4	-9.0214	0	0.0000	0	
UBS ATS (UBSA)	1.49	0.00	7.58	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

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February 2023

Options

Summary

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100.00	0.00	10.26	89.74	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)
CBOE C2 Exchange (C2OX)	33.72		0.00	37.58		0		0		14	42.0000	0	
Cboe EDGX Options Exchange (EDGO)	17.01		14.29	17.32		0		2	26.6667	2	7.8750	0	
Nasdaq ISE (XISX)	16.72		2.86	18.30		0		0	42.0000	10	87.2727	0	
NYSE Arca Options (ARCO)	15.84		5.71	16.99		0		-8	-49.0000	23	73.0000	0	
NYSE American Options (AMXO)	4.11		0.00	4.58		0		0		0		0	
BOX Exchange (XBOX)	2.93		25.71	0.33		0		133	62.0561	0		0	

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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.

March 2023

S&P 500 Stocks

Summary

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100.00	0.07	16.55	82.33	1.05

Venues

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Nasdaq Stock Market (XNAS)	46.07	100.00	2.54	54.86	40.00	0	0.0000	-2	-30.0000	2	23.3406	0	0.0000
New York Stock Exchange (XNYS)	26.30	0.00	9.75	29.22	60.00	0		-0	-11.6000	1	12.6594	-0	-0.2516
NYSE Arca (ARCX)	8.06	0.00	4.24	8.94	0.00	0		-1	-30.0000	13	12.7978	0	
IBKR ATS (IATS)	6.45	0.00	33.47	1.11	0.00	0		0	0.0000	0	0.0000	0	
CBOE BYX Exchange (BATY)	3.79	0.00	1.69	4.26	0.00	0		0	2.0000	0	2.0000	0	

Material Aspects:

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IBKR ATS (IATS):

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

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.

March 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
100.00	0.01	24.78	74.92	0.29

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	53.36	100.00	13.24	66.56	67.69	-0	-9.0341	-1,034	-29.0470	3,178	25.7651	-1	-0.7307
NYSE Arca (ARCX)	15.34	0.00	12.31	16.39	4.10	0		-879	-28.2385	257	22.3298	-0	-7.5000
CBOE EDGX Exchange (EDGX)	7.90	0.00	4.67	9.00	0.00	0		-510	-29.1308	62	10.5503	0	
IBKR ATS (IATS)	4.18	0.00	15.40	0.48	0.00	0		0	0.0000	0	0.0000	0	
CBOE BYX Exchange (BATY)	2.55	0.00	2.59	2.55	0.00	0		8	1.6549	0	1.4561	0	
IEX (IEXD)	1.87	0.00	7.24	0.10	0.00	0		-34	-9.1430	0	0.0000	0	
UBS ATS (UBSA)	1.66	0.00	6.68	0.00	0.00	0		0	0.0000	0		0	
New York Stock Exchange (XNYS)	1.45	0.00	0.66	1.63	24.62	0		-384	-28.9000	51	18.0916	-0	-0.0484
HRT Execution Services LLC (HRTF)	1.38	0.00	5.57	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.35	0.00	5.44	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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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 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>.

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.

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.

March 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	0.00	8.77	91.23	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)
NYSE Arca Options (ARCO)	39.36		7.32	42.44		0		-6	-85.0000	167	56.1007	0	
Nasdaq ISE (XISX)	19.57		4.88	20.98		0		1	17.7500	73	100.0000	0	
CBOE C2 Exchange (C2OX)	10.70		1.22	11.61		0		-2	-85.0000	12	42.0000	0	
Cboe EDGX Options Exchange (EDGO)	8.45		1.22	9.14		0		1	45.0000	2	16.5000	0	
Nasdaq GEMX (GMNI)	5.35		1.22	5.74		0		1	35.1220	61	45.0370	0	
Nasdaq Options Market (XNDQ)	3.32		1.22	3.52		0		-1	-85.0000	2	47.0000	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 PHLX (XPHL)	2.99		15.85	1.76		0		17	19.7143	0	0.0000	0	
NYSE American Options (AMXO)	2.89		3.66	2.81		0		0	10.6667	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.

Nasdaq ISE (XISX):

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

CBOE C2 Exchange (C2OX):

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

Cboe EDGX Options Exchange (EDGO):

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

Nasdaq GEMX (GMNI):

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

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 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.