

Interactive Brokers - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2023

April 2023

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
70.89	0.54	28.02	69.21	2.24

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)	34.31	0.94	10.04	44.34	35.74	-11	-4.7920	-125,610	-25.2923	488,923	27.3187	-28,648	-10.0924
CBOE EDGX Exchange (EDGX)	19.13	0.00	2.86	26.34	4.46	0		-45,177	-25.2884	13,458	20.7360	-53	-12.3470
New York Stock Exchange (XNYS)	16.14	0.00	2.09	20.57	58.76	0		-29,741	-21.1323	104,530	17.2880	-30,921	-8.4843
IBKR ATS (IATS)	6.72	0.00	23.52	0.19	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	2.46	0.00	3.91	1.97	0.00	0		-64,694	-26.7096	9,708	25.9602	0	
IEX (IEXG)	2.18	0.00	5.48	0.93	0.03	0		-7,667	-8.3956	-1,016	-4.4294	-2	-9.2428
SG Americas Securities, LLC (SGAS)	1.95	0.00	6.97	0.00	0.00	0		0	0.0000	0	0.0000	0	
UBS ATS (UBSA)	1.91	0.00	6.81	0.00	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	1.84	0.00	6.17	0.16	0.00	0		0	0.0000	0	0.0000	0	
HRT Execution Services LLC (HRTF)	1.72	0.00	6.14	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.39	0.00	4.97	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	1.20	28.64	0.84	1.16	0.38	8,277	26.5089	8,924	18.0957	6,719	27.1291	0	0.0000

Material Aspects:

Nasdaq Stock Market (XNAS):

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

CBOE EDGX Exchange (EDGX):

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New York Stock Exchange (XNYS):

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

IBKR ATS (IATS):

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

NYSE Arca (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.

Citadel Securities "LITE" (CDED):

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

April 2023

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
65.32	0.38	24.75	71.66	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)
Nasdaq Stock Market (XNAS)	25.29	0.38	9.55	30.45	34.41	-48	-6.4356	-799,563	-20.2843	1,515,829	15.0951	-57,314	-9.1409
CBOE EDGX Exchange (EDGX)	19.80	0.00	3.51	26.30	2.50	0		-337,490	-18.6434	115,611	10.5883	-101	-8.6237
NYSE Arca (ARCX)	17.90	0.00	6.49	21.28	32.73	0		-656,968	-19.6654	580,468	24.2171	-31,271	-13.2782
New York Stock Exchange (XNYS)	12.59	0.00	2.61	15.45	27.01	0		-169,660	-20.8716	363,953	15.9107	-50,527	-8.5740
IBKR ATS (IATS)	3.86	0.00	15.21	0.14	0.00	0		0	0.0000	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)
IEX (IEXD)	2.16	0.00	6.96	0.61	0.02	0		-25,264	-8.0487	-2,767	-3.7679	-7	-9.5279
HRT Execution Services LLC (HRTF)	2.08	0.00	8.41	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.70	0.00	6.87	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.53	0.00	6.17	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	1.21	35.95	1.26	1.05	0.19	44,419	10.7167	100,605	9.6752	41,242	14.5428	0	0.0000
CBOE BYX Exchange (BATY)	1.12	0.00	1.29	1.12	0.03	0		483	0.1237	-423	-1.6422	-1	-8.2432
CBOE BZX Exchange (BATS)	1.10	0.00	2.27	0.67	1.77	0		-173,733	-21.7561	21,452	16.7927	-2,137	-9.1018

Material Aspects:

Nasdaq Stock Market (XNAS):

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

CBOE EDGX Exchange (EDGX):

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New York Stock Exchange (XNYS):

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IBKR ATS (IATS):

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

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.

Citadel Securities "LITE" (CDED):

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

CBOE BYX Exchange (BATY):

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

CBOE BZX Exchange (BATS):

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

April 2023

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.80	0.12	9.25	52.63	38.00

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)	19.95	17.27	5.83	30.62	8.61	-2,812	-57.6476	-399,653	-50.2553	1,107,537	58.8613	755,337	40.0252
Chicago Board Options Exchange (XCBO)	17.79	40.46	20.43	15.11	20.78	-2,396	-35.6276	-290,669	-8.0712	-1,275,454	-53.0583	-1,866,017	-38.9673
CBOE C2 Exchange (C2OX)	17.20	11.62	5.24	18.40	18.47	1,506	40.5122	-729,269	-41.8406	1,116,286	41.1220	312,612	17.1471
Cboe EDGX Options Exchange (EDGO)	9.85	0.00	6.30	10.04	10.49	0		1,382,502	139.2576	816,239	16.7509	626,002	48.5338
Nasdaq ISE (XISX)	5.45	18.81	7.07	2.93	8.51	-1,422	-11.5192	-43,764	-3.6933	492,736	99.4301	228,406	25.1690
Nasdaq PHLX (XPHL)	5.08	0.67	3.70	2.50	9.01	0	0.0000	737,814	52.7489	618	0.2676	-5,450	-0.7440
Nasdaq Options Market (XNDQ)	4.61	0.00	2.41	8.34	0.00	0		-365,008	-45.1847	176,235	52.4067	0	
MIAX Emerald Exchange (EMLD)	4.44	1.59	1.64	1.27	9.53	21	28.8767	-101,748	-42.1052	212,081	43.3646	263,413	19.0544
Nasdaq MRX (MCRY)	3.61	0.00	18.23	0.02	5.04	0		1,206,021	38.7694	3,544	37.8157	257,493	18.1777
BOX Exchange (XBOX)	2.87	0.47	11.42	0.37	4.27	28	26.3551	1,829,333	63.5694	6,453	16.3049	68,556	58.0472

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.

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.

Cboe EDGX Options Exchange (EDGO):

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Nasdaq ISE (XISX):

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Nasdaq PHLX (XPHL):

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Nasdaq Options Market (XNDQ):

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MIAX Emerald Exchange (EMLD):

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Nasdaq MRX (MCRY):

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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.

May 2023

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
64.93	0.49	29.32	67.81	2.38

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(USD)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	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(USD)	
Nasdaq Stock Market (XNAS)	33.23	1.07	12.59	42.24	37.61	-19	-4.9663	-139,752	-24.7103	584,154	27.3971	-32,067	-9.4270
CBOE EDGX Exchange (EDGX)	19.73	0.00	2.37	27.93	4.10	0		-40,197	-24.1232	16,612	20.8720	-57	-12.2904
New York Stock Exchange (XNYS)	16.06	0.00	1.86	20.87	57.45	0		-28,764	-19.9443	108,140	17.6213	-32,836	-8.0387
IBKR ATS (IATS)	6.74	0.00	22.36	0.28	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC	2.37	0.00	7.59	0.22	0.00	0		0	0.0000	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)
(XTXE)													
NYSE Arca (ARCX)	2.19	0.00	3.74	1.61	0.00	0		-67,833	-25.3843	11,525	25.5954	0	
IEX (IEXD)	2.17	0.00	5.04	1.02	0.03	0		-9,205	-8.5116	-1,148	-4.3598	-4	-8.9603
HRT Execution Services LLC (HRTF)	1.87	0.00	6.39	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.83	0.00	6.24	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.81	0.00	6.18	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.26	0.00	4.29	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.24	0.00	4.21	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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May 2023

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
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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
60.35	0.31	25.97	70.56	3.16

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	24.08	0.55	8.96	29.25	35.19	-15	-2.8346	-867,428	-22.4727	1,874,361	17.5110	-66,669	-8.5433
CBOE EDGX Exchange (EDGX)	19.99	0.00	3.43	26.96	2.47	0		-361,823	-19.9574	148,413	13.2334	-41	-2.4469
NYSE Arca (ARCX)	17.55	0.00	6.51	21.07	31.45	0		-710,822	-21.7853	754,668	25.4486	-38,697	-11.6740
New York Stock Exchange (XNYS)	12.79	0.00	2.64	15.93	27.22	0		-216,107	-22.0114	507,857	16.5249	-59,098	-7.9219
IBKR ATS (IATS)	4.14	0.00	15.46	0.18	0.00	0		0	0.0000	0	0.0000	0	
HRT Execution Services LLC (HRTF)	2.25	0.00	8.66	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.19	0.00	6.65	0.65	0.06	0		-33,181	-8.2911	-3,636	-3.6046	-6	-5.5679
Citadel Securities "PRO" (CDRG)	1.94	0.00	7.46	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.54	0.00	5.91	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.16	0.00	2.29	0.71	1.97	0		-200,403	-23.1566	13,856	17.6778	-2,314	-9.0336
CBOE BYX Exchange (BATY)	1.12	0.00	1.13	1.17	0.07	0		1,276	0.3199	-781	-1.8648	-2	-8.5267
Virtu Americas LLC "PRO" (VIRT)	1.12	0.00	4.29	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	1.11	38.40	1.13	0.98	0.24	62,569	16.6774	126,448	10.4418	53,330	20.8162	0	0.0000

Material Aspects:

Nasdaq Stock Market (XNAS):

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

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.

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>.

IEX (IEXD):

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

CBOE BZX Exchange (BATS):

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

CBOE 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.

Citadel Securities "LITE" (CDED):

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

May 2023

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.82	0.13	9.75	51.43	38.69

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)	20.07	17.62	6.83	30.89	9.01	-2,441	-70.2071	-535,232	-50.6312	1,380,595	60.0963	860,027	40.5561
Chicago Board Options Exchange (XCBO)	18.47	43.70	22.20	15.87	20.90	-2,364	-47.2896	180,882	3.4645	-1,445,447	-53.2280	-2,222,525	-38.2979
CBOE C2 Exchange (C2OX)	16.62	8.77	2.58	17.88	18.50	2,037	40.2645	-493,530	-41.9701	1,454,168	41.3436	414,025	19.3279
Cboe EDGX Options Exchange (EDGO)	9.16	0.00	5.45	8.80	10.62	0		1,545,234	136.6199	807,138	15.7967	776,903	49.0088
Nasdaq ISE (XISX)	5.58	19.50	7.07	3.02	8.57	-438	-2.7301	31,460	2.0050	621,912	99.2561	372,082	27.2975
Nasdaq PHLX	5.23	1.09	3.63	2.61	9.12	-4	-0.7719	929,130	51.9356	794	0.2972	-4,623	-0.5344

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)
(XPHL)													
Nasdaq Options Market (XNDQ)	4.52	0.00	2.33	8.34	0.00	0		-411,809	-45.7306	209,487	55.0495	0	
MIAX Emerald Exchange (EMLD)	4.38	0.31	1.98	1.23	9.17	57	46.5410	-124,486	-43.0830	154,567	43.3148	317,912	21.2850
Nasdaq MRX (MCRY)	3.79	0.02	20.03	0.02	4.72	0		1,656,437	38.4392	4,207	35.1726	293,893	17.0639
MIAX Options Exchange (XMIO)	2.51	0.03	1.65	1.35	4.29	0	0.0000	164,910	53.3261	481	1.0578	35,406	18.2084

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.

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.

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 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 Options Market (XNDQ):

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

MIAX Emerald Exchange (EMLD):

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

Nasdaq MRX (MCRY):

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

MIAX 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.

June 2023

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
66.41	0.46	28.30	69.00	2.24

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)	35.20	1.35	10.24	45.59	37.36	-15	-5.2089	-129,518	-24.2490	598,316	27.5841	-35,677	-9.9900
CBOE EDGX Exchange (EDGX)	19.09	0.00	2.71	26.31	7.57	0		-40,618	-24.4841	12,994	20.7792	-19	-1.1661
New York Stock Exchange (XNYS)	15.23	0.00	2.10	19.46	54.03	0		-23,375	-18.5772	98,522	17.9685	-28,049	-8.2251
IBKR ATS (IATS)	6.89	0.00	23.78	0.23	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	2.36	0.00	7.74	0.24	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	2.00	0.00	3.57	1.43	0.00	0		-54,662	-22.9796	10,547	25.2725	0	
IEX (IEXD)	1.98	0.00	4.63	0.96	0.09	0		-7,359	-8.4473	-970	-3.9634	-8	-9.4152
HRT Execution Services LLC (HRTF)	1.80	0.00	6.37	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.71	0.00	6.05	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.61	0.00	5.70	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.38	0.00	4.87	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.25	0.00	0.30	1.68	0.19	0		148	0.9076	-87	-2.4470	-0	-3.0621

Material Aspects:

Nasdaq Stock Market (XNAS):

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

CBOE EDGX Exchange (EDGX):

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

New York Stock Exchange (XNYS):

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

IBKR ATS (IATS):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS. IBKR uses the IBKR ATS to execute IBKR client orders against each other or against one or more professional liquidity providers who quote into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate

exchange fees, and may offer Price Improvement. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

NYSE Arca (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.

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.

June 2023

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
55.78	0.31	26.95	69.85	2.89

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)	23.65	0.70	8.52	29.13	34.62	-39	-4.4097	-825,041	-22.2663	1,897,365	17.2182	-59,466	-8.7502
CBOE EDGX Exchange (EDGX)	20.08	0.00	3.17	27.42	2.50	0		-335,581	-20.5306	115,269	13.1051	-54	-4.1436
NYSE Arca (ARCX)	16.78	0.00	6.26	20.25	32.66	0		-649,903	-21.0131	531,243	24.1752	-34,156	-12.4824
New York Stock Exchange (XNYS)	12.97	0.00	2.87	16.35	26.83	0		-221,722	-22.5245	541,239	16.9094	-48,283	-8.0975
IBKR ATS (IATS)	4.11	0.00	14.89	0.14	0.00	0		0	0.0000	0	0.0000	0	
HRT Execution Services LLC (HRTF)	2.44	0.00	9.04	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.16	0.00	6.40	0.63	0.02	0		-31,507	-8.0972	-3,241	-3.2961	-8	-9.1020
Citadel Securities "PRO" (CDRG)	2.13	0.00	7.88	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.60	0.00	5.93	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.11	0.00	1.09	1.16	0.07	0		1,336	0.3588	-1,166	-3.5027	-2	-7.2271
Jane Street Capital LLC	1.10	51.88	1.24	0.86	0.14	111,500	21.8002	109,283	14.0976	49,560	22.8381	323	6.1066

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)
"LITE" (JNST)													
CBOE BZX Exchange (BATS)	1.08	0.00	2.23	0.62	1.82	0		-189,632	-22.6951	13,465	16.8017	-2,863	-8.9262
Citadel Securities "LITE" (CDED)	1.08	37.20	0.99	0.99	0.21	60,543	20.5656	68,759	14.0124	38,824	20.7605	0	0.0000

Material Aspects:

Nasdaq Stock Market (XNAS):

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

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.

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>.

IBX (IBXD):

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

Jane Street Capital LLC "LITE" (JNST):

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

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.

Citadel Securities "LITE" (CDED):

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

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.67	0.15	10.78	52.53	36.54

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)	20.15	17.53	5.64	31.17	8.60	-3,934	-72.5772	-498,856	-50.4480	1,389,470	56.3972	835,112	40.9951
Chicago Board Options Exchange (XCBO)	17.64	44.20	20.47	14.74	20.86	-2,450	-45.7035	293,911	6.3796	-1,481,000	-53.1028	-2,228,624	-38.8982
CBOE C2 Exchange (C2OX)	16.07	8.23	1.93	16.41	19.80	1,471	40.6195	-478,709	-41.3137	1,452,766	41.3389	370,143	16.6345
Cboe EDGX Options Exchange (EDGO)	9.02	0.00	5.25	8.39	11.09	0		1,517,934	131.4842	688,955	13.9923	829,492	46.0036
Nasdaq ISE (XISX)	5.42	19.50	4.06	3.69	8.24	-188	-1.2111	-103,388	-10.1281	580,537	98.5536	251,574	24.6766
Nasdaq PHLX (XPHL)	4.83	1.11	3.77	2.40	8.65	-1	-0.5172	955,364	49.1065	982	0.3648	-4,473	-0.5400
Nasdaq MRX (MCRY)	4.61	0.00	26.84	0.03	4.66	0		1,872,303	35.3838	5,313	34.3805	285,168	16.4274
MIAX Emerald Exchange (EMLD)	4.23	0.35	1.62	1.24	9.31	47	67.8000	-114,920	-44.5080	188,901	43.3044	304,982	18.5382
Nasdaq Options Market (XNDQ)	3.85	0.00	2.22	6.87	0.00	0		-410,006	-44.5568	149,745	54.0598	0	
MIAX Options Exchange (XMIO)	2.72	0.03	1.61	2.00	4.09	0	0.0000	192,900	60.3035	647	0.6919	33,626	18.1519
Cboe BZX Options Exchange (BATS)	2.68	0.00	2.97	4.50	0.00	0		-441,105	-48.7455	158,873	38.7793	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.

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.

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 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 MRX (MCRY):

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

MIAX Emerald Exchange (EMLD):

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

Nasdaq Options Market (XNDQ):

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

MIAX 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.

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.