

Interactive Brokers - 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
75.33	0.40	35.23	62.51	1.86

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)	39.29	15.59	30.44	44.55	35.52	-65	-6.0279	-145,897	-23.7879	601,629	25.1559	-33,303	-10.9143
New York Stock Exchange (XNYS)	15.58	0.00	1.53	22.30	59.35	0		-32,614	-22.2199	90,805	17.5704	-25,148	-8.3098
CBOE EDGX Exchange (EDGX)	15.50	0.00	2.11	23.50	3.73	0		-50,743	-24.7326	15,878	25.6132	0	0.1858
IBKR ATS (IATS)	7.75	0.00	21.64	0.19	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	2.48	0.00	2.99	2.28	0.00	0		-71,019	-24.9896	12,654	25.6101	0	
XTX Execution Services LLC (XTXE)	2.23	0.00	5.94	0.22	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.05	0.00	4.06	0.99	0.02	0		-10,487	-8.3401	-951	-3.9397	-2	-9.2400
SG Americas Securities, LLC (SGAS)	1.84	0.00	5.22	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.56	0.00	4.44	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	1.41	0.00	4.01	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.16	0.00	3.28	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.

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>.

NYSE Arca (ARCX):

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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
74.18	0.34	28.41	68.33	2.92

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)	24.43	5.46	13.14	28.68	36.98	-61	-3.5577	-1,081,143	-21.2248	1,937,719	14.5117	-64,033	-8.8930
NYSE Arca (ARCX)	19.00	0.00	6.75	23.74	29.61	0		-858,889	-21.1954	798,032	26.4768	-32,803	-12.5640
CBOE EDGX Exchange (EDGX)	17.27	0.00	3.43	23.75	2.37	0		-462,980	-19.4177	160,305	14.5238	-27	-1.6214
New York Stock Exchange (XNYS)	12.66	0.00	2.45	16.34	27.23	0		-231,219	-23.0872	543,507	16.4927	-44,997	-8.3250
IBKR ATS (IATS)	4.29	0.00	14.74	0.16	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.47	0.00	7.10	0.66	0.02	0		-39,071	-8.3004	-3,648	-3.6895	-6	-9.3272
HRT Execution Services LLC (HRTF)	2.07	0.00	7.28	0.00	0.00	0		0	0.0000	0		0	
Citadel	1.86	0.00	6.56	0.00	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)
Securities "PRO" (CDRG)													
UBS ATS (UBSA)	1.57	0.00	5.54	0.00	0.00	0		0	0.0000	0	0.0000	0	
CBOE BZX Exchange (BATS)	1.34	0.00	2.41	0.87	1.95	0		-240,648	-24.5217	10,827	15.6111	-6,465	-23.5610
MIAX PEARL Equities (EPRL)	1.22	0.00	1.73	1.07	0.00	0		-165,278	-27.2665	37,315	27.3132	0	
CBOE BYX Exchange (BATY)	1.22	0.00	1.38	1.21	0.03	0		1,204	0.2428	-421	-1.3693	0	1.8321
Virtu Americas LLC "PRO" (VIRT)	1.20	0.00	4.24	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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IEX (IEXD):

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CBOE BZX Exchange (BATS):

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MIAX PEARL Equities (EPRL):

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CBOE BYX Exchange (BATY):

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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
99.75	0.17	10.88	53.97	34.97

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)	22.23	29.21	7.29	32.40	11.16	-2,082	-61.2575	-575,220	-49.8505	1,459,582	56.1576	1,014,268	41.6514
Chicago Board Options Exchange (XCBO)	17.51	12.64	17.84	14.69	21.79	-1,036	-32.9605	493,566	10.7955	-986,736	-40.3468	-1,275,938	-29.7081
CBOE C2 Exchange (C2OX)	16.79	7.82	4.22	16.70	20.90	1,049	41.7091	-751,022	-41.6353	1,173,273	41.2514	442,163	20.5876
Cboe EDGX Options Exchange (EDGO)	10.75	0.00	8.00	11.79	10.04	0		1,921,521	120.5106	1,252,225	20.9808	833,417	49.1687
Nasdaq Options Market (XNDQ)	5.13	0.00	3.06	8.90	0.00	0		-386,390	-44.5463	241,441	52.3828	0	
Nasdaq ISE (XISX)	4.86	27.14	3.87	2.83	8.18	-1,106	-8.1586	-89,872	-11.6147	379,503	85.5691	271,527	24.4210
Nasdaq PHLX (XPHL)	4.28	2.24	4.36	2.07	7.69	-0	-0.0572	829,846	54.3555	3,261	1.3507	-3,590	-0.4087
MIAX Emerald Exchange (EMLD)	4.05	2.50	1.49	1.65	8.54	707	42.9435	-95,193	-40.5947	250,906	43.3751	684,001	40.5401
Nasdaq MRX (MCRY)	4.02	0.01	21.69	0.02	4.73	0		1,398,009	34.9163	4,727	31.8328	238,706	13.5825
BOX Exchange (XBOX)	2.43	1.36	9.42	0.20	3.69	8	1.2647	1,132,390	56.9382	3,742	17.0867	61,597	52.1179

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 Options Market (XNDQ):

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Nasdaq ISE (XISX):

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Nasdaq PHLX (XPHL):

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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.

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
69.97	0.43	34.18	63.65	1.74

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)	40.50	14.00	29.38	46.76	36.31	-65	-5.4789	-156,904	-23.6256	629,439	25.9189	-32,107	-10.5553
CBOE EDGX Exchange (EDGX)	15.27	0.00	2.29	22.66	3.66	0		-49,833	-23.9821	12,074	21.0467	-25	-9.2094
New York Stock Exchange (XNYS)	15.04	0.00	1.47	21.23	58.88	0		-31,833	-22.6506	92,540	17.6122	-25,996	-8.4683
IBKR ATS (IATS)	6.83	0.00	19.63	0.19	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	2.46	0.00	6.83	0.20	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	2.22	0.00	3.25	1.75	0.00	0		-69,458	-22.9663	9,799	25.2312	0	
IEX (IEGX)	2.15	0.00	4.45	0.99	0.03	0		-9,511	-8.0970	-952	-3.8517	-3	-9.4096

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)
UBS ATS (UBSA)	1.77	0.00	5.19	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.77	0.00	5.19	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	1.40	0.00	4.10	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.27	0.00	3.71	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

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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
47.77	0.45	27.88	69.03	2.63

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)	25.57	5.28	13.62	30.13	36.09	-56	-3.6906	-1,039,216	-22.5528	1,993,411	16.5356	-61,863	-9.2103

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)	18.33	0.00	6.62	22.81	27.90	0		-864,558	-23.1785	743,670	26.5062	-31,850	-13.0500
CBOE EDGX Exchange (EDGX)	16.69	0.00	3.36	22.72	2.74	0		-447,574	-21.7189	137,258	12.8116	-62	-4.8658
New York Stock Exchange (XNYS)	13.59	0.00	2.63	17.51	29.36	0		-235,981	-22.8588	581,812	17.1459	-47,985	-8.1204
IBKR ATS (IATS)	4.22	0.00	14.73	0.16	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXG)	2.37	0.00	6.85	0.67	0.03	0		-37,856	-8.2678	-3,216	-3.3431	-5	-9.2943
HRT Execution Services LLC (HRTF)	2.18	0.00	7.83	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.70	0.00	6.09	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.53	0.00	5.50	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.23	0.00	4.42	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.18	0.00	1.24	1.21	0.03	0		635	0.1376	-370	-1.3374	-1	-5.3922
Citadel Securities "LITE" (CDED)	1.15	32.40	1.09	1.01	0.27	55,012	10.1208	95,590	9.3030	50,992	15.0296	0	0.0000
MIAx PEARL Equities (EPRL)	1.13	0.00	1.74	0.93	0.00	0		-183,768	-27.8034	38,571	27.7249	0	

Material Aspects:

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

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.

February 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
99.67	0.09	10.61	55.58	33.72

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)	19.72	20.54	6.15	28.55	9.43	-2,305	-66.4383	-479,740	-50.2523	1,317,876	56.2978	916,294	40.5666
Chicago Board Options Exchange (XCBO)	17.99	21.89	16.47	14.88	23.59	-1,326	-32.8772	148,374	4.0573	-1,044,889	-45.4714	-1,565,106	-35.4414
CBOE C2 Exchange (C2OX)	16.59	12.73	4.31	16.58	20.49	2,117	41.2357	-735,533	-41.7669	1,153,666	41.2382	419,881	20.3353
Cboe EDGX Options Exchange (EDGO)	10.72	0.00	7.64	11.42	10.58	0		1,996,938	129.8793	1,077,594	17.7082	707,048	48.8906
Nasdaq Options Market (XNDQ)	4.98	0.00	2.27	8.53	0.00	0		-429,940	-44.7462	181,596	56.2243	0	
Nasdaq ISE (XISX)	4.56	27.67	5.08	2.59	7.59	-1,471	-11.6075	-106,880	-9.9041	427,780	91.6236	235,224	24.0826
Nasdaq PHLX (XPHL)	4.44	0.91	4.47	2.05	8.38	-3	-1.0678	903,675	54.2681	1,729	0.7909	-5,125	-0.5701
MIAX Emerald Exchange (EMLD)	4.10	5.35	1.53	1.36	9.40	71	39.4199	-107,426	-42.4499	237,405	43.5169	579,412	36.7392
Nasdaq MRX (MCRY)	3.85	0.01	23.85	0.03	3.86	0	0.0000	1,598,577	38.0730	4,641	32.8518	264,701	17.4245
MIAX PEARL (MPRL)	2.90	7.25	4.99	4.26	0.00	1,076	25.2963	-841,396	-45.7217	146,088	27.4153	0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Cboe BZX Options Exchange (BATS)	2.23	0.00	3.77	3.29	0.00	0		-444,871	-49.1859	88,040	38.2525	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 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.

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 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.

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.

March 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

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
74.59	0.46	28.08	69.66	1.80

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)	35.82	4.59	15.55	44.21	35.23	-60	-9.0278	-176,082	-22.7916	775,346	27.3120	-40,959	-10.1867
New York Stock Exchange (XNYS)	17.23	0.00	2.36	22.23	60.10	0		-45,682	-20.9379	178,971	17.4001	-32,315	-7.4722
CBOE EDGX Exchange (EDGX)	16.84	0.00	2.84	22.93	3.70	0		-70,107	-23.8809	17,830	21.5038	-26	-8.9700
IBKR ATS (IATS)	6.46	0.00	22.56	0.18	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	3.60	0.00	3.73	3.67	0.00	0		-89,947	-24.5155	18,132	24.5254	0	
XTX Execution Services LLC (XTXE)	2.16	0.00	7.26	0.18	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXG)	1.95	0.00	4.68	0.91	0.03	0		-12,145	-8.2396	-1,458	-4.1831	-2	-9.0492
UBS ATS (UBSA)	1.76	0.00	6.27	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	1.63	0.00	5.79	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.52	0.00	5.40	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.24	0.00	4.41	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.

New York Stock Exchange (XNYS):

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

CBOE EDGX Exchange (EDGX):

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

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.

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
60.39	0.56	25.00	71.81	2.63

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)	24.75	1.44	10.26	29.61	34.87	-140	-7.3466	-1,142,370	-22.1964	2,300,780	17.5231	-67,577	-8.5683
NYSE Arca (ARCX)	18.89	0.00	6.29	22.97	31.33	0		-890,140	-21.2877	945,471	24.2271	-37,949	-11.6618
CBOE EDGX Exchange (EDGX)	17.71	0.00	3.29	23.42	2.53	0		-455,489	-20.2217	148,606	11.4763	-100	-5.2759
New York Stock Exchange (XNYS)	13.79	0.00	2.74	17.23	27.82	0		-258,863	-21.1962	598,082	15.5461	-60,101	-7.5191
IBKR ATS (IATS)	3.91	0.00	15.26	0.14	0.00	0		0	0.0000	0	0.0000	0	
HRT Execution Services LLC (HRTF)	2.23	0.00	8.94	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXG)	2.13	0.00	6.71	0.63	0.02	0		-40,790	-8.1694	-5,861	-4.3050	-8	-9.0864
Citadel Securities "PRO" (CDRG)	1.53	0.00	6.12	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.49	0.00	5.94	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	1.28	62.42	1.67	0.71	0.17	135,144	2.5672	140,819	3.6975	60,215	15.0230	1,625	11.4612
Citadel Securities "LITE" (CDED)	1.23	29.71	1.24	1.04	0.21	74,112	5.3407	128,516	6.8165	64,749	13.0081	0	0.0000
Virtu Americas LLC "PRO" (VIRT)	1.17	0.00	4.69	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.

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.

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>.

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.

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.

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
99.63	0.09	9.76	53.18	36.97

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)	19.05	23.89	17.79	15.76	24.10	-1,354	-43.8011	-397,794	-9.8885	-1,650,999	-51.8989	-2,377,836	-41.3210
NYSE Arca Options (ARCO)	17.69	21.74	5.79	26.16	8.66	-2,724	-65.4401	-542,311	-50.8245	1,556,004	58.6680	1,057,431	41.1390
CBOE C2 Exchange (C2OX)	17.67	14.24	4.25	19.75	18.22	2,689	40.8283	-892,447	-41.7421	1,627,356	41.2708	513,954	20.5182
Cboe EDGX Options Exchange (EDGO)	10.25	0.00	7.34	10.85	10.18	0		2,294,946	122.5528	1,219,627	17.5764	907,245	49.3589

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq ISE (XISX)	5.08	26.40	5.92	2.80	8.08	-1,888	-11.5657	-109,784	-7.9446	727,188	99.4398	264,078	24.3329
Nasdaq Options Market (XNDQ)	4.86	0.00	2.34	8.72	0.00	0		-475,728	-44.4693	274,747	55.0658	0	
Nasdaq PHLX (XPHL)	4.85	1.44	4.29	2.23	8.77	-8	-1.0080	1,166,208	55.5930	303	0.0956	-6,231	-0.5765
MIAX Emerald Exchange (EMLD)	4.32	2.01	1.44	1.61	8.98	167	43.1783	-131,009	-41.5019	382,065	44.2312	502,410	28.9083
Nasdaq MRX (MCRY)	4.03	0.00	23.68	0.03	4.61	0		1,874,225	39.0761	5,561	34.6926	312,952	16.4071
BOX Exchange (XBOX)	2.36	0.34	8.50	0.24	3.78	11	9.4513	1,449,702	59.8475	3,229	10.9241	91,415	57.3076

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 ISE (XISX):

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

Nasdaq Options Market (XNDQ):

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

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.

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.

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.