

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

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4th Quarter, 2022

October 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
65.12	0.60	32.53	64.87	2.01

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	35.10	10.83	15.18	45.32	34.88	-439	-8.0673	-135,295	-23.7239	504,789	26.7584	-29,532	-10.1967
New York Stock Exchange (XNYS)	18.51	0.00	1.83	25.71	61.75	0		-42,503	-22.1166	143,654	17.9970	-24,441	-8.0573
CBOE EDGX Exchange (EDGX)	14.16	0.00	2.08	20.71	2.29	0		-38,868	-22.3115	71,713	21.8701	-39	-7.2588
IBKR ATS (ATS)	8.71	0.00	26.25	0.27	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	2.41	0.00	6.96	0.23	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.30	0.00	5.08	1.00	0.03	0		-9,871	-6.4369	-664	-3.1748	-6	-6.8873
NYSE Arca (ARCX)	1.83	0.00	3.89	0.87	0.00	0		-92,603	-28.0792	4,618	25.7896	0	
UBS ATS (UBSA)	1.76	0.00	5.41	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.68	0.00	5.17	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTX)	1.62	0.00	4.98	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.44	0.00	4.42	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange	1.37	0.00	0.61	1.81	0.07	0		367	0.9081	-154	-3.1023	0	1.6522

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
(BATY)													

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.

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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):

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NYSE Arca (ARCX):

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October 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
68.29	0.31	26.22	70.73	2.74

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)
NYSE Arca (ARCX)	22.63	0.00	6.67	28.49	26.93	0		-740,548	-23.6265	964,004	27.3666	-33,565	-11.5708
Nasdaq Stock Market (XNAS)	22.31	5.14	9.79	26.41	38.43	-386	-6.0509	-977,426	-23.2469	1,460,766	17.1295	-58,987	-9.1643
New York Stock	15.26	0.00	2.16	19.64	29.25	0		-207,904	-23.8915	549,688	17.1537	-43,571	-7.9117

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Exchange (XNYS)													
CBOE EDGX Exchange (EDGX)	13.53	0.00	3.23	17.88	1.26	0		-329,600	-21.0390	387,202	17.1926	-71	-5.3954
IBKR ATS (IATS)	4.14	0.00	15.38	0.15	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.26	0.00	7.06	0.58	0.02	0		-25,798	-6.3911	-2,162	-3.1652	-8	-6.6329
HRT Execution Services LLC (HRTX)	2.02	0.00	7.69	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.85	0.00	1.95	1.89	0.00	0		-185,226	-27.6531	98,502	28.3032	0	
Citadel Securities "PRO" (CDRG)	1.63	0.00	6.21	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.60	0.00	6.09	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.59	0.00	2.62	1.19	2.19	0		-239,360	-26.7072	4,179	15.1776	-6,288	-24.6218
Virtu Americas LLC "PRO" (VIRT)	1.36	0.00	5.18	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

NYSE Arca (ARCX):

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MIAX PEARL Equities (EPRL):

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CBOE BZX Exchange (BATS):

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

October 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.82	0.11	10.75	54.19	34.95

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)	23.00	18.99	17.51	23.63	23.71	-1,234	-44.2500	114,930	3.8181	-1,221,099	-29.9239	-1,848,750	-34.1903
NYSE Arca Options (ARCO)	20.46	25.03	6.61	28.83	11.73	-2,528	-69.1168	-664,770	-50.7276	1,267,950	57.4675	278,866	11.4204
CBOE C2 Exchange (C2OX)	15.04	10.47	3.76	14.01	20.12	1,421	41.7493	-891,060	-42.1146	1,078,012	41.3555	545,391	24.7530
Cboe EDGX Options Exchange (EDGO)	8.69	0.00	7.70	8.51	9.29	0		1,890,580	108.1703	987,921	20.9586	946,641	51.0270
Nasdaq Options Market (XNDQ)	7.49	0.00	3.99	13.02	0.00	0		-350,383	-38.5981	745,129	65.1327	0	
Nasdaq ISE (XISX)	4.41	28.43	5.18	1.13	9.20	-1,814	-10.3769	-107,852	-9.1019	51,779	79.1177	411,827	26.0443
MIAX Emerald Exchange (EMLD)	4.38	6.70	1.37	2.22	8.64	245	37.0060	-75,387	-33.1557	296,976	43.1783	613,416	34.9397
Nasdaq MRX (MCRY)	4.18	0.01	25.71	0.03	4.01	0	0.0000	1,484,806	31.9367	5,843	28.6250	262,676	26.8841
Nasdaq PHLX (XPHL)	3.42	0.96	2.59	0.55	8.13	-8	-1.9765	579,868	58.4942	1,154	1.7162	-4,356	-0.3734

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):

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Nasdaq Options Market (XNDQ):

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Nasdaq ISE (XISX):

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MIAX Emerald Exchange (EMLD):

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Nasdaq MRX (MCRY):

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Nasdaq PHLX (XPHL):

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November 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
71.87	0.48	30.47	67.11	1.93

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	29.33	12.33	21.73	32.73	35.37	-51	-5.5367	-116,589	-23.6886	344,592	25.5018	-41,842	-11.5343
CBOE EDGX Exchange (EDGX)	25.47	0.00	2.26	36.82	3.46	0		-34,683	-19.1229	197,043	24.6967	-11	-3.1671
New York Stock Exchange (XNYS)	17.26	0.00	1.70	23.22	59.97	0		-27,197	-22.4024	94,680	17.7418	-22,477	-7.6720
IBKR ATS (IATS)	7.71	0.00	24.84	0.21	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	2.31	0.00	7.04	0.24	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXG)	1.95	0.00	4.59	0.82	0.02	0		-8,496	-6.3787	-598	-2.8654	-2	-6.7562
UBS ATS	1.69	0.00	5.55	0.00	0.00	0		0	0.0000	0		0	

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(UBSA)													
HRT Execution Services LLC (HRTX)	1.49	0.00	4.90	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.43	0.00	4.68	0.00	0.00	0		0	0.0000	0		0	
NYSE Arca (ARCX)	1.43	0.00	3.20	0.67	0.00	0		-66,752	-27.4667	3,397	25.8582	0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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November 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
70.68	0.31	25.60	71.33	2.76

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CBOE EDGX Exchange (EDGX)	23.97	0.00	3.38	32.32	2.02	0		-363,781	-19.2897	831,099	14.1318	-68	-3.4536

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Nasdaq Stock Market (XNAS)	18.88	4.82	13.88	19.97	38.38	-97	-4.8401	-965,706	-23.3008	1,063,061	20.8132	-70,001	-8.9103
NYSE Arca (ARCX)	17.80	0.00	6.08	21.79	25.49	0		-705,757	-22.4434	852,696	26.6022	-35,778	-11.6422
New York Stock Exchange (XNYS)	15.40	0.00	2.40	19.57	30.19	0		-236,004	-23.4294	651,047	16.9696	-46,208	-7.3891
IBKR ATS (IATS)	3.84	0.00	14.60	0.15	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.09	0.00	6.72	0.52	0.02	0		-29,787	-6.4153	-2,168	-2.9497	-9	-6.7476
HRT Execution Services LLC (HRTX)	2.04	0.00	7.99	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.46	0.00	5.71	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.46	0.00	5.68	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.39	0.00	2.60	0.95	1.94	0		-241,648	-26.0575	3,492	15.9543	-6,700	-23.8486
Virtu Americas LLC "PRO" (VIRT)	1.20	0.00	4.70	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.13	0.00	1.70	0.98	0.00	0		-162,618	-27.5163	57,308	27.9339	0	

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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
99.45	0.12	10.12	50.75	39.01

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Chicago Board Options Exchange (XCBO)	21.18	15.74	17.14	23.49	19.23	-1,374	-37.7456	733,377	18.6030	-1,072,165	-23.9748	-1,626,870	-30.2023
NYSE Arca Options (ARCO)	20.52	26.09	7.24	29.84	11.82	-5,572	-74.4332	-646,142	-50.4121	1,482,855	57.3191	-149,244	-5.5671
CBOE C2 Exchange (C2OX)	16.60	8.74	4.20	16.06	20.55	1,571	41.4877	-877,745	-42.0801	1,174,555	41.4579	538,572	26.6142
Cboe EDGX Options Exchange (EDGO)	8.08	0.00	7.38	7.83	8.60	0		1,748,277	102.6415	900,445	20.9483	861,896	50.7984
Nasdaq Options Market (XNDQ)	7.39	0.00	4.05	13.75	0.00	0		-382,528	-40.8952	607,044	53.1663	0	
Nasdaq ISE (XISX)	4.93	29.66	4.06	0.84	10.39	-2,757	-14.8332	-75,355	-7.5786	48,217	81.4386	318,238	25.3233
Nasdaq MRX (MCRY)	4.61	0.00	24.99	0.03	5.29	0		1,384,207	32.0304	5,899	31.4411	239,157	25.2253
MIAX Emerald Exchange (EMLD)	4.40	8.18	1.61	1.48	8.90	139	34.6219	-84,261	-35.1074	207,872	43.2294	694,384	41.2292
Nasdaq PHLX (XPHL)	4.12	1.33	3.82	0.48	8.94	0	0.0000	823,398	55.2931	4,292	5.6972	-6,027	-0.5971

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 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 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 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.

December 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
75.36	0.44	30.45	67.23	1.88

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)	34.23	13.85	26.02	38.05	35.15	-48	-5.3586	-112,836	-24.2578	430,858	25.2928	-33,250	-11.0694
CBOE EDGX Exchange (EDGX)	21.16	0.00	2.03	30.46	3.75	0		-39,225	-23.2251	72,233	24.5666	-5	-1.3875
New York Stock Exchange (XNYS)	17.04	0.00	1.60	22.94	59.98	0		-34,179	-23.5002	79,277	17.6190	-23,416	-7.9195
IBKR ATS (IATS)	7.75	0.00	25.05	0.18	0.00	0		0	0.0000	0	0.0000	0	
XTX Execution Services LLC (XTXE)	2.09	0.00	6.38	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)
NYSE Arca (ARCX)	1.97	0.00	2.76	1.68	0.00	0		-54,836	-25.8654	8,685	24.4172	0	
IEX (IEXG)	1.67	0.00	3.73	0.80	0.02	0		-8,340	-8.4165	-698	-3.1813	-2	-9.3355
SG Americas Securities, LLC (SGAS)	1.58	0.00	5.19	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.51	0.00	4.94	0.00	0.00	0		0	0.0000	0	0.0000	0	
HRT Execution Services LLC (HRTX)	1.27	0.00	4.17	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.

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.

December 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
72.68	0.32	25.76	70.93	2.99

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)
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Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CBOE EDGX Exchange (EDGX)	21.94	0.00	3.39	29.62	2.04	0		-378,895	-18.5915	385,735	13.9463	-79	-4.4312
Nasdaq Stock Market (XNAS)	21.03	6.66	12.97	23.31	38.05	-52	-4.5691	-932,032	-21.7334	1,369,810	15.1438	-68,075	-9.3759
NYSE Arca (ARCX)	18.08	0.00	6.49	21.95	28.32	0		-731,881	-21.0423	786,926	23.6240	-34,907	-11.6783
New York Stock Exchange (XNYS)	14.58	0.00	2.30	18.55	27.95	0		-228,308	-23.2948	558,759	16.3168	-47,942	-7.8853
IBKR ATS (IATS)	3.89	0.00	14.70	0.14	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.15	0.00	6.84	0.55	0.02	0		-32,788	-8.1617	-3,270	-3.8924	-9	-9.2553
HRT Execution Services LLC (HRTX)	1.98	0.00	7.70	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.60	0.00	6.19	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.49	0.00	5.77	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.15	0.00	2.50	0.64	1.84	0		-225,160	-24.5395	5,605	13.9704	-7,300	-22.9839
Virtu Americas LLC "PRO" (VIRT)	1.15	0.00	4.45	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	1.13	34.18	0.97	1.08	0.21	41,835	15.8016	68,774	8.9774	52,541	18.7550	0	0.0000

Material Aspects:

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.

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.

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.

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.

December 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.86	0.16	9.71	47.71	42.43

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)	18.37	26.93	6.54	26.79	11.58	-2,344	-66.3198	-522,630	-50.5528	1,182,366	59.8208	-302,792	-14.9324
CBOE C2 Exchange (C2OX)	17.39	10.03	4.40	18.42	19.22	1,296	41.7956	-776,746	-41.9474	1,203,284	41.4290	451,465	25.2898
Chicago Board Options Exchange (XCBO)	16.86	10.73	19.22	16.11	17.18	-737	-31.3636	558,425	12.4416	-933,773	-41.6181	-1,248,675	-28.8953
Cboe EDGX Options Exchange (EDGO)	9.73	0.00	7.18	11.36	8.51	0		1,957,397	133.7245	1,137,780	20.9766	751,377	49.7573
Nasdaq ISE (XISX)	6.09	27.52	3.74	3.28	9.70	-1,727	-9.6213	-88,582	-11.4941	359,735	85.4803	224,471	24.9200
Nasdaq Options Market (XNDQ)	5.47	0.00	3.10	10.84	0.00	0		-269,735	-41.7256	387,770	48.8989	0	
Nasdaq MRX (MCRY)	5.34	0.00	23.88	0.03	7.08	0		1,324,703	32.4941	4,943	29.9484	195,258	10.0527
Nasdaq PHLX (XPHL)	4.79	3.15	4.39	2.00	8.03	-3	-0.4876	820,025	53.4638	3,818	1.7372	-2,384	-0.3061
MIAX Emerald Exchange (EMLD)	4.40	4.60	1.50	1.41	8.43	348	40.8239	-78,161	-38.9512	189,400	43.2718	544,578	40.8058
BOX Exchange (XBOX)	3.74	0.57	8.88	0.20	6.57	8	6.9298	1,029,615	59.4618	3,946	27.6620	52,944	56.5733

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.

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 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 MRX (MCRY):

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

Nasdaq 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.

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.