

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

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2nd Quarter, 2022

April 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.33	0.00	69.21	30.79	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	25.22		11.07	57.04		0		-439	-25.5982	565	29.6041	0	
IBKR ATS (IATS)	16.69		23.56	1.25		0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	11.71		4.94	26.92		0		-298	-28.9098	769	19.9233	0	
CBOE EDGX Exchange (EDGX)	6.89		5.15	10.80		0		-121	-29.8692	340	25.9287	0	
NYSE Arca (ARCX)	5.35		7.48	0.55		0		-299	-29.9027	0	20.0000	0	
MEMX LLC (MEMX)	4.41		6.37	0.00		0		-121	-27.0000	0		0	
CBOE BZX Exchange (BATS)	3.64		5.19	0.16		0		-133	-30.0000	0		0	
IEX (IEXD)	3.59		5.15	0.08		0		-17	-6.5436	0	0.0000	0	
CBOE EDGA Exchange (EDGA)	3.57		5.15	0.00		0		28	16.9546	0		0	
MIAX PEARL Equities (EPRL)	2.43		3.45	0.16		0		-43	-29.0000	0	29.0000	0	
HRT Execution Services LLC (HRTX)	2.12		3.06	0.00		0		0	0.0000	0		0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
XTX Execution Services LLC (XTXE)	1.88		2.71	0.00		0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.81		1.25	3.05		0		1	1.9115	0	15.0000	0	
UBS ATS (UBSA)	1.71		2.47	0.00		0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

IBKR ATS (IATS):

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

New York Stock Exchange (XNYS):

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CBOE EDGX Exchange (EDGX):

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NYSE Arca (ARCX):

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MEMX LLC (MEMX):

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CBOE BZX Exchange (BATS):

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IEX (IEXD):

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CBOE EDGA Exchange (EDGA):

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MIAX PEARL Equities (EPRL):

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CBOE BYX Exchange (BATY):

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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
96.74	0.01	57.47	42.46	0.07

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)	27.89	100.00	10.12	51.85	91.67	0		-1,251	-29.0906	5,087	28.0539	-0	-15.0000
New York Stock Exchange (XNYS)	15.21	0.00	6.16	27.46	8.33	0		-643	-26.3332	2,753	19.4811	0	
IBKR ATS (IATS)	14.90	0.00	25.18	1.00	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	7.75	0.00	4.39	12.31	0.00	0		-477	-29.2230	324	24.9595	0	
NYSE Arca (ARCX)	5.24	0.00	5.85	4.43	0.00	0		-840	-29.2997	480	30.3642	0	
IEX (IEXD)	3.31	0.00	5.62	0.18	0.00	0		-98	-8.1679	-0	-9.0000	0	
MEMX LLC (MEMX)	3.05	0.00	5.28	0.03	0.00	0		-303	-26.9375	0	20.0000	0	
CBOE BZX Exchange (BATS)	2.29	0.00	3.94	0.05	0.00	0		-322	-29.8512	0	16.0000	0	
HRT Execution Services LLC (HRTX)	2.27	0.00	3.95	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	2.09	0.00	3.64	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	1.99	0.00	3.46	0.00	0.00	0		86	16.7690	0		0	
Citadel Securities "PRO" (CDRG)	1.74	0.00	3.03	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	1.64	0.00	2.85	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.60	0.00	1.23	2.09	0.00	0		6	2.0810	0	0.9873	0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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New York Stock Exchange (XNYS):

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CBOE BZX Exchange (BATS):

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CBOE EDGA Exchange (EDGA):

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

CBOE BYX Exchange (BATY):

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

April 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.06	20.43	68.43	11.09

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
NYSE Arca Options (ARCO)	39.26	33.33	5.48	53.14	15.92	0		-97	-49.3655	550	47.1542	75	39.0000
Cboe EDGX Options Exchange (EDGO)	15.55	0.00	8.83	16.37	22.95	0		78	26.4276	107	13.0000	64	61.6346
Nasdaq MRX (MCRY)	11.75	0.00	55.20	0.19	3.08	0		421	31.7280	3	27.8654	18	34.0181
CBOE C2 Exchange	9.15	0.00	3.35	7.85	27.91	0		-104	-41.9315	66	42.0000	52	33.2051

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)
(C2OX)													
Chicago Board Options Exchange (XCBO)	7.73	0.00	3.62	9.27	5.82	0		30	23.7024	43	9.5376	34	24.8088
Cboe BZX Options Exchange (BATS)	3.30	0.00	2.51	4.08	0.00	0		-224	-50.0000	56	46.6639	0	
MIAX Emerald Exchange (EMLD)	3.27	0.00	0.37	2.36	14.21	0		-21	-45.6170	47	53.0000	13	33.2500
Nasdaq GEMX (GMNI)	2.54	0.00	0.74	3.50	0.00	0		-118	-48.0000	29	40.5556	0	

Material Aspects:

NYSE Arca Options (ARCO):

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

Cboe EDGX Options Exchange (EDGO):

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

Nasdaq MRX (MCRY):

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

CBOE 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):

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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.

MIAX Emerald Exchange (EMLD):

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Nasdaq GEMX (GMNI):

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May 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.59	0.00	66.17	33.72	0.11

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)	21.08		11.53	39.89	0.00	0		-67	-5.7439	545	30.4911	0	
IBKR ATS (IATS)	20.19		30.18	0.66	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	12.52		2.63	31.65	100.00	0		-32	-28.6962	127	16.1951	0	
CBOE EDGX Exchange (EDGX)	10.37		4.98	20.99	0.00	0		-41	-23.6261	23	25.4377	0	
NYSE Arca (ARCX)	5.37		7.33	1.54	0.00	0		-151	-29.9771	131	24.9423	0	
CBOE EDGA Exchange (EDGA)	4.04		6.10	0.00	0.00	0		-49	-14.9067	0		0	
IEX (IEXD)	3.67		5.49	0.11	0.00	0		-22	-8.0968	0		0	
CBOE BZX Exchange (BATS)	2.85		4.20	0.22	0.00	0		-30	-12.3595	0	16.0000	0	
MEMX LLC (MEMX)	2.63		3.98	0.00	0.00	0		-28	-30.0000	0		0	
UBS ATS (UBSA)	2.26		3.42	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	2.00		0.56	4.84	0.00	0		0	2.0000	0	2.6190	0	
XTX Execution Services LLC (XTXE)	1.56		2.35	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTX)	1.56		2.35	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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New York Stock Exchange (XNYS):

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May 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
96.65	0.00	56.05	43.91	0.04

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	28.60	100.00	10.97	51.07	55.56	0		-1,974	-27.5415	6,658	29.6038	-0	-2.5000
IBKR ATS (IATS)	14.28	0.00	24.66	1.03	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	12.96	0.00	4.95	23.18	33.33	0		-630	-24.8881	2,941	19.4370	0	
CBOE EDGX Exchange (EDGX)	10.33	0.00	4.87	17.30	11.11	0		-730	-29.0506	600	25.2885	0	
NYSE Arca (ARCX)	5.74	0.00	6.70	4.52	0.00	0		-1,422	-28.8380	575	25.3817	0	
IEX (IEXD)	3.51	0.00	6.16	0.12	0.00	0		-111	-7.7162	0	0.0000	0	

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MEMX LLC (MEMX)	2.48	0.00	4.39	0.05	0.00	0		-348	-29.1207	1	20.0000	0	
UBS ATS (UBSA)	2.42	0.00	4.32	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTX)	2.41	0.00	4.30	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	2.25	0.00	3.95	0.07	0.00	0		-401	-28.9492	0	16.0000	0	
CBOE EDGA Exchange (EDGA)	1.97	0.00	3.50	0.02	0.00	0		118	16.8827	0		0	
Citadel Securities "PRO" (CDRG)	1.97	0.00	3.52	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.67	0.00	1.19	2.29	0.00	0		4	1.3535	0	0.1246	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.

NYSE Arca (ARCX):

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

IEX (IEXD):

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

MEMX LLC (MEMX):

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

CBOE BZX Exchange (BATS):

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

CBOE EDGA Exchange (EDGA):

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

CBOE BYX Exchange (BATY):

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

May 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.05	19.09	75.73	5.13

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)	20.18	66.67	4.87	25.11	3.83	3	47.0000	-58	-48.2000	287	47.7176	2	39.0000
MIAX Emerald Exchange (EMLD)	17.55	0.00	0.66	22.61	5.92	0		-0	-2.5000	1,036	53.0000	6	25.0000
Cboe EDGX Options Exchange (EDGO)	11.87	0.00	13.30	11.56	11.15	0		90	30.6712	96	13.0462	13	47.0000
Nasdaq MRX (MCRY)	9.42	0.00	48.50	0.17	0.70	0		308	30.6280	2	29.1090	4	27.0545
CBOE C2 Exchange (C2OX)	9.15	0.00	1.78	7.46	61.67	0		-17	-39.0455	60	42.0000	6	35.0000
Nasdaq GEMX (GMNI)	9.01	0.00	0.84	11.68	0.00	0		-8	-39.0000	305	40.1368	0	
Cboe BZX Options Exchange (BATS)	7.56	0.00	2.81	9.27	0.00	0		-35	-50.0000	167	50.5710	0	
Chicago Board Options Exchange (XCBO)	6.81	0.00	5.24	7.39	4.18	0		30	17.2757	9	3.9212	1	20.7500

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.

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.

Cboe EDGX Options Exchange (EDGO):

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

Nasdaq MRX (MCRY):

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

CBOE C2 Exchange (C2OX):

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

Nasdaq GEMX (GMNI):

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

Cboe BZX Options Exchange (BATS):

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

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.

June 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.91	0.00	65.50	34.50	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Marketable Limit 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)	32.70		12.64	70.78		0		-222	-20.4297	850	29.8987	0	
IBKR ATS (IATS)	22.05		33.32	0.65		0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	7.83		2.99	17.03		0		-159	-28.5082	141	19.7252	0	
CBOE EDGX Exchange (EDGX)	5.99		4.53	8.74		0		-105	-28.1946	150	25.9316	0	
NYSE Arca (ARCX)	4.91		7.35	0.26		0		-183	-28.5266	3	25.0000	0	
MEMX LLC (MEMX)	3.26		4.95	0.07		0		-58	-20.4388	0		0	
IEX (IEXD)	3.22		4.91	0.00		0		-23	-7.9573	0		0	
UBS ATS (UBSA)	2.84		4.33	0.00		0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	2.54		3.88	0.00		0		0	0.0000	0		0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CBOE BZX Exchange (BATS)	1.89		2.85	0.07		0		-50	-29.8907	0		0	
CBOE EDGA Exchange (EDGA)	1.82		2.78	0.00		0		14	17.8309	0		0	
XTX Execution Services LLC (XTXE)	1.71		2.61	0.00		0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

IBKR ATS (IATS):

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

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.

NYSE Arca (ARCX):

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

MEMX LLC (MEMX):

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

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 EDGA Exchange (EDGA):

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

June 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
96.17	0.00	62.18	37.76	0.06

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)	27.13		12.25	51.55	90.91	0		-1,311	-26.7129	2,459	23.9000	-3	-15.0000
IBKR ATS (IATS)	11.76		18.59	0.53	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	10.32		3.68	21.27	9.09	0		-449	-28.5975	1,221	19.5561	-0	-10.0000
CBOE EDGX Exchange (EDGX)	9.51		5.64	15.90	0.00	0		-451	-28.2115	149	23.2035	0	
NYSE Arca (ARCX)	9.04		11.10	5.67	0.00	0		-1,523	-27.4526	2,446	31.4543	0	
CBOE BZX Exchange (BATS)	4.03		6.43	0.10	0.00	0		-560	-29.2935	0	16.0000	0	
MEMX LLC (MEMX)	3.11		4.92	0.13	0.00	0		-342	-29.6286	0	13.8406	0	
HRT Execution Services LLC (HRTX)	2.98		4.79	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXG)	2.80		4.45	0.09	0.00	0		-54	-7.7663	0	0.0000	0	
MIAX PEARL Equities (EPRL)	2.21		2.03	2.50	0.00	0		-130	-28.5830	6	29.0000	0	
CBOE EDGA Exchange (EDGA)	2.16		3.47	0.01	0.00	0		77	16.5950	-0	-30.0000	0	
UBS ATS (UBSA)	2.14		3.44	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	2.05		3.29	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.70		1.45	2.13	0.00	0		5	1.2291	0	2.0000	0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

IBKR ATS (IATS):

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

New York Stock Exchange (XNYS):

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

CBOE BZX Exchange (BATS):

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

MEMX LLC (MEMX):

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

MIAX PEARL Equities (EPRL):

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

CBOE EDGA Exchange (EDGA):

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

CBOE BYX Exchange (BATY):

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

June 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.01	9.89	89.96	0.14

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)	77.33	0.00	10.00	84.86	0.00	0		-164	-55.0403	9,144	47.5489	0	
Cboe EDGX Options Exchange (EDGO)	5.69	0.00	8.63	5.36	14.29	0		36	28.4094	139	13.0000	1	59.0000
Nasdaq MRX (MCRY)	4.60	0.00	45.49	0.10	7.14	0		321	30.7727	5	28.5807	3	26.6436
Chicago Board Options Exchange (XCBO)	2.92	0.00	4.31	2.76	7.14	0		38	28.0274	8	2.2817	1	65.7500

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 EDGX Options Exchange (EDGO):

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

Nasdaq MRX (MCRY):

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

Chicago Board Options Exchange (XCBO):

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