

MDB Capital Group LLC - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2022

July 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
100.00	0.00	100.00	0.00	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)
IBKR ATS (IATS)	100.00		100.00			0		0	0.0000	0		0	

Material Aspects:

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>.

July 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
100.00	0.00	57.58	42.42	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)
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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)
Nasdaq Stock Market (XNAS)	30.81		10.53	58.33		0		-12	-30.0000	43	26.7188	0	
New York Stock Exchange (XNYS)	18.69		2.63	40.48		0		-1	-19.3010	0		0	
HRT Execution Services LLC (HRTX)	6.06		10.53	0.00		0		0	0.0000	0		0	
IBKR ATS (IATS)	5.05		8.77	0.00		0		0	0.0000	0		0	
NYSE Arca (ARCX)	5.05		7.89	1.19		0		-19	-30.0000	80	32.0000	0	
CBOE BZX Exchange (BATS)	5.05		8.77	0.00		0		-6	-30.0000	0		0	
Citadel Securities "PRO" (CDRG)	4.55		7.89	0.00		0		0	0.0000	0		0	
IEX (IEXD)	4.55		7.89	0.00		0		-0	-8.0354	0		0	
MEMX LLC (MEMX)	4.55		7.89	0.00		0		-18	-30.0000	0		0	
CBOE EDGX Exchange (EDGX)	4.04		7.02	0.00		0		-9	-30.0000	0		0	
UBS ATS (UBSA)	3.03		5.26	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.

IBKR ATS (IATS):

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NYSE Arca (ARCX):

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

CBOE BZX Exchange (BATS):

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IEX (IEXD):

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MEMX LLC (MEMX):

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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.

July 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	0.00	97.72	2.28	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 MRX (MCRY)	36.53		37.38	0.00		0		504	31.4712	0		0	
Nasdaq BX Options (XBXO)	12.33		12.62	0.00		0		-166	-43.2977	0		0	
NYSE Arca Options (ARCO)	7.76		7.48	20.00		0		-96	-49.0000	14	47.0000	0	
Cboe EDGX Options Exchange (EDGO)	5.48		5.61	0.00		0		57	27.8390	0		0	
Nasdaq Options Market (XNDQ)	5.48		5.61	0.00		0		-30	-39.3896	0		0	
CBOE C2 Exchange (C2OX)	4.57		2.80	80.00		0		-34	-40.9036	1	42.0000	0	
Cboe BZX Options Exchange (BATS)	4.57		4.67	0.00		0		-47	-50.0000	0		0	
MIAX PEARL (MPRL)	4.11		4.21	0.00		0		-76	-38.9433	0		0	
Nasdaq ISE (XISX)	4.11		4.21	0.00		0		-54	-30.2360	0		0	
Nasdaq PHLX (XPHL)	4.11		4.21	0.00		0		84	28.3266	0		0	
MIAX Options Exchange (XMIO)	2.74		2.80	0.00		0		80	38.1429	0		0	

Material Aspects:

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 BX Options (XBKO):

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 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.

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 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 PEARL (MPRL):

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

Nasdaq 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 Options Exchange (XMIO):

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August 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
100.00	0.00	16.67	83.33	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)
New York Stock Exchange (XNYS)	66.67		0.00	80.00		0		0		0	20.0000	0	
Nasdaq Stock	16.67		0.00	20.00		0		0		-0	-15.0000	0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Market (XNAS)													
Virtu Americas LLC "PRO" (VIRT)	8.33		50.00	0.00		0		0	0.0000	0		0	
IBKR ATS (IATS)	8.33		50.00	0.00		0		0	0.0000	0		0	

Material Aspects:

New York Stock Exchange (XNYS):

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

Nasdaq Stock Market (XNAS):

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August 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
100.00	0.00	79.57	20.43	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)	18.08		10.23	48.67		0		-144	-26.1680	287	26.9433	0	
New York Stock Exchange (XNYS)	10.67		1.82	45.13		0		-4	-27.2401	1	7.6923	0	
IBKR ATS (IATS)	9.76		12.27	0.00		0		0	0.0000	0		0	
NYSE Arca (ARCX)	7.23		8.64	1.77		0		-100	-29.7453	3	32.0000	0	
IEX (IEXD)	7.05		8.86	0.00		0		-2	-7.4188	0		0	
CBOE EDGX Exchange (EDGX)	6.33		7.50	1.77		0		-142	-29.1290	2	32.0000	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)
CBOE BZX Exchange (BATS)	5.42		6.59	0.88		0		-17	-20.8437	1	32.0000	0	
UBS ATS (UBSA)	4.88		6.14	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	4.88		6.14	0.00		0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	4.16		5.23	0.00		0		0	0.0000	0		0	
MEMX LLC (MEMX)	3.44		4.32	0.00		0		-17	-28.7934	0		0	
Crossfinder (CAES)	3.07		3.86	0.00		0		0		0		0	
CBOE EDGA Exchange (EDGA)	2.17		2.73	0.00		0		4	16.6260	0		0	
The Barclays ATS (LATS)	1.99		2.50	0.00		0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.63		1.59	1.77		0		-1	-2.5403	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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New York Stock Exchange (XNYS):

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NYSE Arca (ARCX):

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IEX (IEXD):

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CBOE EDGX Exchange (EDGX):

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MEMX LLC (MEMX):

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CBOE EDGA Exchange (EDGA):

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clients.

CBOE BYX Exchange (BATY):

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August 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	0.00	97.92	2.08	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 MRX (MCRY)	38.87		39.69	0.00		0		1,454	31.0583	0		0	
Nasdaq BX Options (XBXO)	11.89		12.14	0.00		0		-350	-37.4802	0		0	
NYSE Arca Options (ARCO)	7.17		7.32	0.00		0		-132	-49.0000	0		0	
Nasdaq Options Market (XNDQ)	6.60		6.74	0.00		0		-90	-33.7566	0		0	
Cboe BZX Options Exchange (BATS)	5.47		5.59	0.00		0		-56	-50.0000	0		0	
Cboe EDGX Options Exchange (EDGO)	5.09		5.20	0.00		0		120	28.1247	0		0	
CBOE C2 Exchange (C2OX)	4.53		2.89	81.82		0		-37	-39.0211	28	42.0000	0	
Nasdaq ISE (XISX)	4.15		4.24	0.00		0		-59	-11.7791	0		0	
Nasdaq PHLX (XPHL)	4.15		4.24	0.00		0		159	25.9073	0		0	
MIAX PEARL (MPRL)	3.96		4.05	0.00		0		-99	-35.8043	0		0	

Material Aspects:

Nasdaq MRX (MCRY):

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Nasdaq BX Options (XBXO):

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Nasdaq Options Market (XNDQ):

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Cboe BZX Options Exchange (BATS):

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Cboe EDGX Options Exchange (EDGO):

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CBOE C2 Exchange (C2OX):

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Nasdaq ISE (XISX):

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Nasdaq PHLX (XPHL):

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MIAX PEARL (MPRL):

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September 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
100.00	0.00	100.00	0.00	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)
IBKR ATS (IATS)	100.00		100.00			0		0	0.0000	0		0	

Material Aspects:

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://>

September 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
100.00	0.00	66.26	33.74	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	29.14		14.81	57.27		0		-47	-25.3587	103	29.5771	0	
New York Stock Exchange (XNYS)	12.88		1.85	34.55		0		-1	-22.0051	1	20.0000	0	
IBKR ATS (IATS)	11.96		17.59	0.91		0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	6.44		7.41	4.55		0		-32	-16.8135	154	31.6675	0	
UBS ATS (UBSA)	5.83		8.80	0.00		0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	5.83		8.33	0.91		0		-10	-21.4958	0		0	
IEX (IEXD)	5.52		8.33	0.00		0		-1	-7.3195	0		0	
Citadel Securities "PRO" (CDRG)	3.99		6.02	0.00		0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	2.76		4.17	0.00		0		0	0.0000	0		0	
CODA (CODA)	2.76		4.17	0.00		0		0		0		0	
CBOE BZX Exchange (BATS)	2.15		3.24	0.00		0		-3	-30.0000	0		0	
MEMX LLC (MEMX)	1.84		2.78	0.00		0		-5	-27.7059	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.

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.

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.

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.

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.

September 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	0.00	93.04	6.96	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 MRX (MCRY)	30.89		33.20	0.00		0		1,398	30.8588	0		0	
Nasdaq BX Options (XBXO)	12.28		13.20	0.00		0		-566	-34.1048	0		0	
Cboe EDGX Options Exchange (EDGO)	7.97		7.89	9.09		0		271	28.2742	1	21.0000	0	
Nasdaq PHLX (XPHL)	7.97		8.57	0.00		0		392	23.9731	0		0	
CBOE C2 Exchange (C2OX)	6.84		3.54	50.91		0		-120	-40.6486	11	42.0000	0	
NYSE Arca Options (ARCO)	5.32		4.76	12.73		0		-107	-49.0000	0	47.0000	0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq ISE (XISX)	4.94		5.31	0.00		0		-18	-2.7927	0		0	
MIAX PEARL (MPRL)	4.05		4.35	0.00		0		-143	-41.8123	0		0	
Nasdaq Options Market (XNDQ)	3.92		3.13	14.55		0		-71	-30.5000	13	22.4483	0	
Cboe BZX Options Exchange (BATS)	3.29		3.54	0.00		0		-72	-50.0000	0		0	
BOX Exchange (XBOX)	3.29		3.54	0.00		0		127	40.7207	0		0	

Material Aspects:

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 BX Options (XBXO):

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 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.

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.

NYSE Arca Options (ARCO):

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

Nasdaq ISE (XISX):

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

MIAX PEARL (MPRL):

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

Nasdaq 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.

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.

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.