

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

Generated on Mon Jul 04 2022 03:51:57 GMT-0400 (EDT)

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
100.00	0.00	21.05	78.95	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)	73.68		0.00	93.33		0		0		2	20.0000	0	
IBKR ATS (IATS)	7.89		37.50	0.00		0		0	0.0000	0		0	
Nasdaq Stock Market (XNAS)	5.26		12.50	3.33		0		-0	-30.0000	0	31.0000	0	
NYSE Arca (ARCX)	2.63		12.50	0.00		0		-0	-30.0000	0		0	
CBOE EDGX Exchange (EDGX)	2.63		0.00	3.33		0		0		0		0	
Virtu Americas LLC "PRO" (VIRT)	2.63		12.50	0.00		0		0		0		0	
MEMX LLC (MEMX)	2.63		12.50	0.00		0		0		0		0	
MIAX PEARL Equities (EPRL)	2.63		12.50	0.00		0		-0	-29.0000	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.

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>.

Nasdaq Stock Market (XNAS):

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NYSE Arca (ARCX):

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CBOE EDGX Exchange (EDGX):

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MEMX LLC (MEMX):

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MIAX PEARL Equities (EPRL):

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April 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	38.74	61.26	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(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)	55.76		12.16	83.33		0	-33	-27.2969	61	31.1693	0	
New York Stock Exchange (XNYS)	8.64		0.68	13.68		0	-1	-28.5000	0		0	
CBOE EDGX Exchange (EDGX)	3.93		7.43	1.71		0	-45	-28.7262	1	26.0000	0	
IBKR ATS (IATS)	3.66		9.46	0.00		0	0	0.0000	0		0	
IEX (IEXD)	3.66		9.46	0.00		0	-0	-6.0000	0		0	
NYSE Arca (ARCX)	3.40		8.78	0.00		0	-21	-28.3150	0		0	
Citadel Securities "PRO" (CDRG)	2.62		6.76	0.00		0	0	0.0000	0		0	
UBS ATS (UBSA)	2.62		6.76	0.00		0	0	0.0000	0		0	
HRT Execution Services LLC (HRTX)	2.36		6.08	0.00		0	0	0.0000	0		0	
Virtu Americas	1.83		4.73	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)
LLC "PRO" (VIRT)													
Crossfinder (CAES)	1.57		4.05	0.00		0		0		0		0	
CBOE BYX Exchange (BATY)	1.57		2.03	1.28		0		1	2.2012	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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New York Stock Exchange (XNYS):

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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	0.00	94.57	5.43	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 MRX (MCRY)	25.58		26.64	7.14		0		266	29.2882	3	29.0000	0	
NYSE Arca Options (ARCO)	11.63		9.43	50.00		0		-139	-49.0000	2	47.0000	0	
Cboe EDGX Options Exchange (EDGO)	8.14		7.79	14.29		0		87	33.0871	0	13.0000	0	
Nasdaq Options Market (XNDQ)	7.75		8.20	0.00		0		-88	-47.0000	0		0	
Nasdaq BX Options (XBXO)	7.36		7.79	0.00		0		-66	-35.6216	0		0	
MIAX PEARL (MPRL)	5.04		5.33	0.00		0		-46	-45.7000	0		0	
CBOE C2 Exchange (C2OX)	4.65		4.51	7.14		0		-20	-40.4286	0		0	
Nasdaq GEMX (GMNI)	4.26		4.10	7.14		0		-29	-47.9836	4	40.0000	0	
Cboe BZX Options Exchange (BATS)	4.26		4.51	0.00		0		-40	-50.0000	0		0	
Nasdaq ISE (XISX)	4.26		4.51	0.00		0		-61	-37.0000	0		0	
Chicago Board Options Exchange (XCBO)	3.88		4.10	0.00		0		42	30.6618	0		0	
Nasdaq PHLX (XPHL)	3.88		4.10	0.00		0		70	24.0928	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.

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.

Nasdaq BX Options (XBXO):

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MIAX PEARL (MPRL):

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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.

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.

Chicago Board Options Exchange (XCBO):

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Nasdaq PHLX (XPHL):

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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
100.00	0.00	17.39	82.61	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)	78.26		0.00	94.74		0		0		3	20.0000	0	
Citadel Securities "PRO" (CDRG)	4.35		25.00	0.00		0		0		0		0	
SG Americas Securities, LLC (SGAS)	4.35		25.00	0.00		0		0	0.0000	0		0	
IBKR ATS (IATS)	4.35		25.00	0.00		0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	4.35		0.00	5.26		0		0		0		0	
HRT Execution Services LLC	4.35		25.00	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)
(HRTX)													

Material Aspects:

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May 2022

Non-S&P 500 Stocks

Summary

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100.00	0.00	53.36	46.64	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)	41.03		16.81	68.75		0		-72	-28.9631	229	30.3639	0	
New York Stock Exchange (XNYS)	11.66		1.26	23.56		0		-3	-28.5000	4	20.0000	0	
NYSE Arca (ARCX)	8.52		12.18	4.33		0		-36	-28.9297	0		0	
IBKR ATS (IATS)	4.71		8.82	0.00		0		0	0.0000	0		0	
MEMX LLC (MEMX)	4.48		8.40	0.00		0		-7	-24.3711	0		0	
UBS ATS (UBSA)	4.04		7.56	0.00		0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	3.81		7.14	0.00		0		-8	-25.8565	0		0	
Virtu Americas LLC "PRO" (VIRT)	3.14		5.88	0.00		0		0	0.0000	0		0	

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Citadel Securities "PRO" (CDRG)	3.14		5.88	0.00		0		0	0.0000	0		0	
IEX (IEXD)	2.91		5.46	0.00		0		-0	-6.0083	0		0	
CBOE EDGX Exchange (EDGX)	2.69		2.10	3.37		0		-4	-18.1842	3	26.0000	0	
HRT Execution Services LLC (HRTX)	2.24		4.20	0.00		0		0	0.0000	0		0	

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May 2022

Options

Summary

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100.00	0.00	93.17	6.83	0.00

Venues

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Nasdaq MRX (MCRY)	38.31		40.73	5.26		0		586	29.0318	12	28.2549	0	
Cboe EDGX Options Exchange (EDGO)	13.49		13.71	10.53		0		277	32.3147	6	39.8125	0	
NYSE Arca Options (ARCO)	9.17		7.92	26.32		0		-125	-49.0000	5	47.0000	0	
Nasdaq Options Market (XNDQ)	5.94		5.98	5.26		0		-87	-34.0428	0	43.0000	0	
Nasdaq PHLX (XPHL)	5.58		5.98	0.00		0		143	29.9142	0		0	
Cboe BZX Options Exchange (BATS)	5.22		4.63	13.16		0		-69	-50.0000	2	48.0000	0	
CBOE C2 Exchange (C2OX)	3.60		2.32	21.05		0		-57	-38.6622	7	42.0000	0	
Chicago Board Options Exchange (XCBO)	3.24		3.09	5.26		0		34	27.3952	0		0	
Nasdaq ISE (XISX)	3.06		3.28	0.00		0		-37	-27.3955	0		0	
Nasdaq BX Options (XBXO)	2.52		2.70	0.00		0		-25	-15.1463	0		0	
MIAX PEARL (MPRL)	2.52		2.70	0.00		0		-58	-39.8828	0		0	

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CBOE C2 Exchange (C2OX):

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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.

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 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.

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.

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
100.00	0.00	0.00	100.00	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 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)	100.00			100.00		0		0		1	31.0000	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.

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
100.00	0.00	32.85	67.15	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)	38.69		8.89	53.26		0		-9	-30.0000	37	27.9699	0	
New York Stock Exchange (XNYS)	25.55		2.22	36.96		0		-0	-28.5000	0		0	
NYSE Arca (ARCX)	8.76		6.67	9.78		0		-2	-26.7891	0		0	
HRT Execution Services LLC (HRTX)	4.38		13.33	0.00		0		0	0.0000	0		0	
IEX (IEXD)	3.65		11.11	0.00		0		-0	-7.5000	0		0	
Citadel Securities "PRO" (CDRG)	2.92		8.89	0.00		0		0	0.0000	0		0	
IBKR ATS (IATS)	2.92		8.89	0.00		0		0	0.0000	0		0	
Crossfinder (CAES)	2.19		6.67	0.00		0		0		0		0	
UBS ATS (UBSA)	2.19		6.67	0.00		0		0		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.

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.

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>.

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	0.00	91.75	8.25	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)	35.92		39.15	0.00		0		214	30.0687	0		0	
NYSE Arca Options (ARCO)	15.05		7.94	94.12		0		-69	-49.0000	9	47.0000	0	
Cboe EDGX Options Exchange (EDGO)	12.14		13.23	0.00		0		93	33.9634	0		0	
Nasdaq PHLX (XPHL)	6.31		6.88	0.00		0		39	22.0000	0		0	
MIAX Options Exchange (XMIO)	5.34		5.29	5.88		0		46	30.4605	1	22.8000	0	
Cboe BZX Options Exchange (BATS)	4.85		5.29	0.00		0		-19	-50.0000	0		0	
Chicago Board Options Exchange (XCBO)	4.85		5.29	0.00		0		33	32.5170	0		0	
MIAX PEARL (MPRL)	3.88		4.23	0.00		0		-43	-46.3913	0		0	
Nasdaq Options Market (XNDQ)	3.40		3.70	0.00		0		-2	-3.1111	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.

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 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):

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.

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.