

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

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3rd Quarter, 2024

July 2024

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	46.08	53.92	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)	49.63		11.65	82.09		0		-124	-24.6936	728	28.2964	0	
IBKR ATS (IATS)	14.84		29.90	1.96		0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	6.78		2.06	10.81		0		-24	-29.4421	103	19.3320	0	
NYSE Arca (ARCX)	3.80		5.47	2.36		0		-52	-30.0000	9	27.8968	0	
CBOE EDGX Exchange (EDGX)	3.09		4.30	2.06		0		-28	-17.7214	0	16.0000	0	
Citadel Securities "LITE" (CDED)	2.52		5.36	0.10		0		0	0.0052	0	27.0000	0	
INTERACTIVE BROKERS CORP (IBCO)	2.44		5.30	0.00		0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	1.98		4.30	0.00		0		0	0.0000	0		0	
Level ATS (EBXL)	1.71		3.71	0.00		0		0	0.0000	0		0	
UBS ATS (UBSA)	1.46		3.18	0.00		0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.30		2.83	0.00		0		0	0.0000	0		0	
Knight Link (KNLI)	1.00		2.18	0.00		0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.00		1.88	0.25		0		0	0.0000	0	0.0000	0	
CBOE BZX Exchange (BATS)	0.92		2.00	0.00		0		-12	-30.0000	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)
IEX (IEXD)	0.87		1.88	0.00		0		-3	-20.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.84		1.82	0.00		0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	0.84		1.82	0.00		0		-9	-29.5000	0		0	
Virtu Americas LLC "PRO" (VIRT)	0.79		1.71	0.00		0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.71		1.53	0.00		0		0	0.0000	0		0	
MEMX LLC (MEMX)	0.62		1.18	0.15		0		-15	-29.8900	0		0	
Jane Street Midpoint (JSES)	0.57		1.24	0.00		0		0	0.0000	0		0	
CODA (CODA)	0.57		1.24	0.00		0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.46		1.00	0.00		0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.27		0.59	0.00		0		-1	-10.0000	0		0	
CBOE BYX Exchange (BATY)	0.27		0.35	0.20		0		0	2.0000	0		0	
CBOE EDGA Exchange (EDGA)	0.24		0.53	0.00		0		2	12.8900	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.14		0.29	0.00		0		0	106.9565	0		0	
NYSE American (XASE)	0.08		0.18	0.00		0		-1	-30.0000	0		0	
IntelligentCross ATS (INCR)	0.08		0.18	0.00		0		-0	-8.0000	0		0	
NYSE National (XCIS)	0.08		0.18	0.00		0		0	15.7377	0		0	
Nasdaq BX (XBOS)	0.05		0.12	0.00		0		-1	-13.0833	0		0	
Virtu Americas LLC "LITE" (NITE)	0.03		0.06	0.00		0		0	24.0000	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.

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.

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.

INTERACTIVE BROKERS CORP (IBCO):

Interactive Brokers Corp. ("IB Corp") operates a Single Dealer Platform (SDP) that executes both whole-share and fractional-share portions of certain IBLLC stock orders. IBLLC uses the SDP to execute client orders against IB Corp principal liquidity. IBLLC routes orders to the SDP only when it offers the best price, as determined by IBLLC's Smart Order Router, which implements IBLLC's best execution policy. Both IB Corp and IBLLC are subsidiaries of Interactive Brokers Group. There are no compensation or profit sharing arrangements relating to the SDP, nor are there any requirements regarding the minimum amount of order flow that IBLLC will route to the SDP. Statistical information regarding the quality of executions for orders effected through the SDP (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>

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.

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.

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.

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.

NYSE CHX (XCHI):

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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.

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.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

NYSE American (XASE):

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 National (XCIS):

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 (XBOS):

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.

Virtu Americas LLC "LITE" (NITE):

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.

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July 2024

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
99.95	0.00	57.31	42.59	0.10

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)	33.42		11.37	62.99	80.00	0		-1,363	-27.6722	4,272	20.5732	0	0.0000
CBOE EDGX Exchange (EDGX)	10.83		6.05	17.28	0.00	0		-679	-28.2840	11	5.7764	0	
IBKR ATS (IATS)	9.92		16.74	0.76	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	7.66		10.47	3.89	0.00	0		-895	-26.2699	1,819	31.3555	0	
New York Stock Exchange (XNYS)	5.43		1.80	10.31	10.00	0		-135	-28.0701	1,040	18.9381	-0	-10.0000
HRT Execution Services LLC (HRTF)	3.07		5.35	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.90		4.17	1.20	0.00	0		-69	-14.1842	0	4.0256	0	
CBOE BZX Exchange (BATS)	2.85		4.82	0.18	10.00	0		-711	-28.1910	0	4.0886	-0	-7.5000
UBS ATS (UBSA)	2.13		3.71	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	1.92		3.13	0.30	0.00	0		-306	-28.4804	5	23.1624	0	
Virtu Americas LLC "PRO" (VIRT)	1.89		3.30	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.62		1.25	2.12	0.00	0		9	1.4994	0	2.0000	0	
Knight Link (KNLI)	1.54		2.69	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	1.49		2.60	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.43		2.48	0.02	0.00	0		-227	-28.8953	0		0	
XTX Execution Services LLC (XTXE)	1.42		1.98	0.67	0.00	0		0	0.0000	0	0.0000	0	
CODA (CODA)	1.41		2.46	0.00	0.00	0		0	0.0000	0		0	
Level ATS (EBXL)	1.36		2.38	0.00	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)
The Barclays ATS (LATS)	1.35		2.36	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.35		2.36	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	1.09		1.90	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	0.92		1.61	0.00	0.00	0		17	7.7680	0		0	
Jane Street Midpoint (JSES)	0.62		1.08	0.00	0.00	0		0	0.0000	0		0	
IntelligentCross ATS (INCR)	0.43		0.72	0.05	0.00	0		-7	-8.0000	-0	-8.0000	0	
INTERACTIVE BROKERS CORP (IBCO)	0.38		0.67	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.34		0.60	0.00	0.00	0		-15	-30.0000	0		0	
NYSE National (XCIS)	0.30		0.53	0.00	0.00	0		14	11.9214	0		0	
NYSE American (XASE)	0.28		0.43	0.09	0.00	0		-25	-29.1875	0		0	
NYSE CHX (XCHI)	0.25		0.43	0.00	0.00	0		-9	-8.1670	0		0	
Blue Ocean ATS, LLC (OCEA)	0.16		0.19	0.12	0.00	0		-2	-19.8972	0	0.1553	0	
Nasdaq BX (XBOS)	0.12		0.21	0.00	0.00	0		2	4.7998	0		0	
SG Americas Securities, LLC (SGAS)	0.09		0.15	0.00	0.00	0		0	0.0000	0		0	
IBKR EOS ATS (IEOS)	0.02		0.02	0.02	0.00	0		-0	-10.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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NYSE Arca (ARCX):

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New York Stock Exchange (XNYS):

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IEX (IEXD):

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CBOE BYX Exchange (BATY):

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MIAX PEARL Equities (EPRL):

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INTERACTIVE BROKERS CORP (IBCO):

Interactive Brokers Corp. ('IB Corp') operates a Single Dealer Platform (SDP) that executes both whole-share and fractional-share portions of certain IBLLC stock orders. IBLLC uses the SDP to execute client orders against IB Corp principal liquidity. IBLLC routes orders to the SDP only when it offers the best price, as determined by IBLLC's Smart Order Router, which implements IBLLC's best execution policy. Both IB Corp and IBLLC are subsidiaries of Interactive Brokers Group. There are no compensation or profit sharing arrangements relating to the SDP, nor are there any requirements regarding the minimum amount of order flow that IBLLC will route to the SDP. Statistical information regarding the quality of executions for orders effected through the SDP (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>

Nasdaq PSX (XPSX):

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NYSE National (XCIS):

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NYSE American (XASE):

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NYSE CHX (XCHI):

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Nasdaq BX (XBOS):

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July 2024

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	0.65	28.16	62.72	8.47

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)	14.16	4.00	4.13	20.18	3.66	-2	-49.0000	-147	-55.5455	906	43.2597	8	37.8000
Chicago Board Options Exchange (XCBO)	12.32	0.00	23.94	6.55	17.38	0		320	22.2632	59	15.4408	139	37.4080
Cboe EDGX Options Exchange (EDGO)	10.93	0.00	2.39	15.36	7.32	0		83	26.4505	920	16.6098	8	55.2857
Nasdaq PHLX (XPHL)	9.07	0.00	19.82	5.27	2.13	0		807	31.8034	779	39.6855	0	
Cboe BZX Options Exchange (BATS)	8.45	0.00	2.29	12.44	0.00	0		-475	-45.3051	2,603	101.4236	0	
CBOE C2 Exchange (C2OX)	7.96	0.00	1.19	5.19	51.52	0		-548	-39.0641	354	42.0000	17	29.3448
Nasdaq ISE (XISX)	7.67	68.00	2.02	9.31	9.76	23	114.0000	-34	-19.1477	981	112.3562	7	40.0000
Nasdaq MRX (MCRY)	6.54	0.00	18.53	1.85	1.83	0		1,125	39.9862	151	43.0044	4	24.0000
Nasdaq GEMX (GMNI)	5.73	8.00	1.83	8.24	0.00	0		-487	-41.0000	702	43.9262	0	
BOX Exchange (XBOX)	4.88	0.00	11.83	2.35	0.91	0		666	28.8979	114	23.7645	5	120.0000
MEMX LLC OPTIONS (MXOP)	3.82	12.00	2.02	5.07	0.00	0	49.0000	-147	-48.1667	291	49.0000	0	
Nasdaq Options Market (XNDQ)	2.84	0.00	1.74	3.75	0.00	0		-160	-44.8455	32	19.1687	0	
NYSE American Options (AMXO)	1.81	0.00	0.92	2.35	0.91	0		0	0.0000	0	0.0000	0	0.0000
MIAX Options Exchange (XMIO)	1.55	0.00	1.10	1.85	0.91	0		50	32.6005	11	10.3846	1	20.0000
Nasdaq BX Options (XBXO)	0.96	0.00	3.39	0.00	0.00	0		-365	-37.6581	0		0	
MIAX Emerald	0.75	0.00	1.01	0.25	3.66	0		-159	-49.7094	31	43.0000	7	60.0000

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)
Exchange (EMLD)													
MIAX PEARL (MPRL)	0.57	8.00	1.83	0.00	0.00	1	25.0000	-152	-49.8072	0		0	

Material Aspects:

NYSE Arca Options (ARCO):

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

Chicago Board Options Exchange (XCBO):

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

Cboe 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 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.

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 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.

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.

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.

MEMX LLC OPTIONS (MXOP):

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.

NYSE American Options (AMXO):

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.

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.

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.

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.

August 2024

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	55.93	44.02	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)	40.97		11.40	78.57	0.00	0		-84	-26.5798	1,036	29.3559	0	
IBKR ATS (IATS)	19.18		33.10	1.51	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	4.74		1.50	8.75	100.00	0		7	5.6275	110	20.0998	0	0.0000
CBOE EDGX Exchange (EDGX)	4.43		1.98	7.55	0.00	0		-6	-22.2831	0	15.6800	0	
NYSE Arca (ARCX)	3.81		5.70	1.41	0.00	0		-1	-0.3303	1	20.0000	0	
INTERACTIVE BROKERS CORP (IBCO)	2.92		5.23	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.48		4.20	0.30	0.00	0		-18	-19.8869	0	14.0000	0	
Citadel Securities "LITE" (CDED)	2.44		4.35	0.00	0.00	0		0	0.0011	0		0	
UBS ATS (UBSA)	2.04		3.64	0.00	0.00	0		0	0.0000	0		0	
Level ATS (EBXL)	1.90		3.40	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	1.73		3.09	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.59		2.69	0.20	0.00	0		-12	-29.5000	0		0	
Knight Link (KNLI)	1.55		2.77	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.42		2.53	0.00	0.00	0		-10	-28.1321	0		0	
XTX Execution Services LLC (XTXE)	1.11		1.50	0.60	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)
Jane Street Capital LLC "PRO" (JSJX)	0.89		1.58	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	0.89		1.58	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	0.84		1.50	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	0.75		1.35	0.00	0.00	0		0	0.0000	0		0	
Jane Street Midpoint (JSES)	0.66		1.19	0.00	0.00	0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.62		1.11	0.00	0.00	0		-4	-10.0000	0		0	
MEMX LLC (MEMX)	0.58		0.79	0.30	0.00	0		-6	-30.0000	0	26.0000	0	
The Barclays ATS (LATS)	0.49		0.87	0.00	0.00	0		0		0		0	
Virtu Americas LLC "PRO" (VIRT)	0.44		0.79	0.00	0.00	0		0	0.0000	0		0	
IntelligentCross ATS (INCR)	0.44		0.79	0.00	0.00	0		-1	-8.0000	0		0	
CBOE BYX Exchange (BATY)	0.35		0.08	0.70	0.00	0		0	2.0000	0		0	
CBOE EDGA Exchange (EDGA)	0.18		0.32	0.00	0.00	0		1	16.0000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.13		0.24	0.00	0.00	0		0	336.0000	0		0	
NYSE National (XCIS)	0.13		0.24	0.00	0.00	0		0	10.7541	0		0	
Nasdaq PSX (XPSX)	0.13		0.24	0.00	0.00	0		-0	-30.0000	0		0	
Blue Ocean ATS, LLC (OCEA)	0.09		0.08	0.10	0.00	0		-0	-20.0000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.04		0.08	0.00	0.00	0		0	1,068.0000	0		0	
NYSE American (XASE)	0.04		0.08	0.00	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.

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.

INTERACTIVE BROKERS CORP (IBCO):

Interactive Brokers Corp. ("IB Corp") operates a Single Dealer Platform (SDP) that executes both whole-share and fractional-share portions of certain IBLLC stock orders. IBLLC uses the SDP to execute client orders against IB Corp principal liquidity. IBLLC routes orders to the SDP only when it offers the best price, as determined by IBLLC's Smart Order Router, which implements IBLLC's best execution policy. Both IB Corp and IBLLC are subsidiaries of Interactive Brokers Group. There are no compensation or profit sharing arrangements relating to the SDP, nor are there any requirements regarding the minimum amount of order flow that IBLLC will route to the SDP. Statistical information regarding the quality of executions for orders effected through the SDP (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>

IBX (IBXD):

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

Citadel Securities "LITE" (CDED):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

MIAX PEARL Equities (EPRL):

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

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.

NYSE CHX (XCHI):

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 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.

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.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

NYSE National (XCIS):

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 PSX (XPSX):

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.

Virtu Americas LLC "LITE" (NITE):

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.

NYSE American (XASE):

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.

August 2024

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	18.11	81.87	0.02

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)	75.63		11.92	89.72	85.71	0		-774	-22.4810	4,913	25.6236	-2	-14.7392
New York Stock Exchange (XNYS)	5.70		2.19	6.48	14.29	0		-142	-28.7039	1,401	20.2726	0	0.0000
IBKR ATS (IATS)	3.64		19.52	0.13	0.00	0		0	0.0000	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	3.05		7.28	2.12	0.00	0		-441	-28.0292	32	13.1246	0	
NYSE Arca (ARCX)	2.79		11.05	0.97	0.00	0		-902	-27.0101	4,027	31.6064	0	
CBOE BZX Exchange (BATS)	1.24		6.70	0.03	0.00	0		-324	-29.8051	-2	-9.1390	0	
HRT Execution Services LLC (HRTF)	0.84		4.65	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	0.81		4.44	0.01	0.00	0		-143	-19.6083	0	14.0000	0	
MEMX LLC (MEMX)	0.61		2.61	0.17	0.00	0		-171	-27.6857	25	25.6458	0	
UBS ATS (UBSA)	0.53		2.94	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	0.52		2.82	0.01	0.00	0		-163	-29.2822	1	22.0000	0	
Level ATS (EBXL)	0.45		2.51	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	0.43		2.05	0.07	0.00	0		0	0.0000	0	0.0000	0	
Knight Link (KNLI)	0.39		2.14	0.00	0.00	0		0	0.0000	0		0	
Virtu Americas LLC "PRO" (VIRT)	0.39		2.13	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	0.32		1.77	0.00	0.00	0		0	0.0000	0		0	
CODA (CODA)	0.32		1.77	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities	0.30		1.67	0.00	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)
"PRO" (CDRG)													
Citadel Securities "LITE" (CDED)	0.28		1.57	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	0.28		0.74	0.18	0.00	0		1	0.9612	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.27		1.51	0.00	0.00	0		0	0.0000	0		0	
Jane Street Midpoint (JSES)	0.17		0.95	0.00	0.00	0		0	0.0000	0		0	
INTERACTIVE BROKERS CORP (IBCO)	0.17		0.93	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	0.16		0.86	0.00	0.00	0		25	15.5126	0		0	
IntelligentCross ATS (INCR)	0.13		0.72	0.00	0.00	0		-7	-8.0000	0		0	
Nasdaq PSX (XPSX)	0.11		0.58	0.01	0.00	0		-26	-30.0000	0	19.0000	0	
NYSE National (XCIS)	0.11		0.61	0.00	0.00	0		12	14.3216	0	16.0000	0	
NYSE CHX (XCHI)	0.09		0.47	0.00	0.00	0		-9	-9.8622	0		0	
NYSE American (XASE)	0.06		0.21	0.03	0.00	0		-19	-30.0000	0	3.0153	0	
SG Americas Securities, LLC (SGAS)	0.06		0.31	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.05		0.25	0.00	0.00	0		-1	-4.9858	0		0	
Blue Ocean ATS, LLC (OCEA)	0.04		0.06	0.04	0.00	0		-1	-20.0000	0	4.3746	0	
IBKR EOS ATS (IEOS)	0.03		0.04	0.03	0.00	0		-0	-3.1507	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.01		0.01	0.00	0.00	0		0	12.0000	0	27.0000	0	
NASDAQ Retail Liquidity Program (NASD)	0.01		0.03	0.00	0.00	0		1	21.0000	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):

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>.

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.

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.

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.

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.

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.

INTERACTIVE BROKERS CORP (IBCO):

Interactive Brokers Corp. ("IB Corp") operates a Single Dealer Platform (SDP) that executes both whole-share and fractional-share portions of certain IBLLC stock orders. IBLLC uses the SDP to execute client orders against IB Corp principal liquidity. IBLLC routes orders to the SDP only when it offers the best price, as determined by IBLLC's Smart Order Router, which implements IBLLC's best execution policy. Both IB Corp and IBLLC are subsidiaries of Interactive Brokers Group. There are no compensation or profit sharing arrangements relating to the SDP, nor are there any requirements regarding the minimum amount of order flow that IBLLC will route to the SDP. Statistical information regarding the quality of executions for orders effected through the SDP (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>

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.

Nasdaq PSX (XPSX):

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 National (XCIS):

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 CHX (XCHI):

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 American (XASE):

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 (XBOS):

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.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

NASDAQ Retail Liquidity Program (NASD):

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.

August 2024

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	0.49	30.91	50.99	17.61

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)	17.50	16.67	4.92	27.99	9.24	-3	-55.0000	-100	-51.7835	721	43.2326	-22	-20.0909
Chicago Board Options Exchange (XCBO)	17.04	5.56	18.70	13.25	25.42	0		256	28.5619	-152	-14.2962	-57	-16.3218
Cboe EDGX Options Exchange (EDGO)	11.64	0.00	2.37	16.82	13.25	0		25	22.4554	455	16.5004	52	40.9844
Nasdaq PHLX (XPHL)	8.33	0.00	19.32	2.93	4.93	0		993	31.4203	297	30.9334	2	17.1429
Nasdaq MRX (MCRY)	7.06	0.00	19.23	1.49	2.00	0		567	38.7650	102	33.8179	0	0.0000
CBOE C2 Exchange (C2OX)	6.81	0.00	1.14	3.09	27.73	0		-46	-42.2500	71	42.0000	48	36.6154
BOX Exchange (XBOX)	6.65	0.00	16.42	2.87	0.62	0		643	29.9909	119	20.5990	-2	-10.0000
Cboe BZX Options Exchange (BATS)	4.37	0.00	3.07	6.71	0.00	0		-72	-45.2500	899	97.2043	0	
Nasdaq ISE (XISX)	4.31	55.56	3.78	3.73	5.55	-40	-70.1754	-9	-4.5684	580	112.3527	15	20.9429
Nasdaq GEMX (GMNI)	3.26	11.11	1.05	5.64	0.00	3	43.0000	-34	-34.6495	518	44.9609	0	
MEMX LLC OPTIONS (MXOP)	2.80	11.11	1.58	4.42	0.00	1	49.0000	-26	-31.5432	372	51.1818	0	
Nasdaq Options Market	2.71	0.00	1.84	4.20	0.00	0		-47	-61.6234	134	29.1304	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)
(XNDQ)													
MIAX Options Exchange (XMIO)	2.44	0.00	0.35	4.31	0.77	0		1	5.5769	22	20.4762	1	20.0000
MIAX Emerald Exchange (EMLD)	2.12	0.00	0.97	0.16	9.86	0		-8	-50.0000	22	43.0000	40	28.2254
NYSE American Options (AMXO)	1.33	0.00	0.09	2.39	0.46	0		0	0.0000	0	0.0000	0	
Nasdaq BX Options (XBXO)	0.92	0.00	2.99	0.00	0.00	0		-54	-26.8079	0		0	
MIAX PEARL (MPRL)	0.52	0.00	1.67	0.00	0.00	0		-30	-40.7945	0		0	
MIAX Sapphire (MIHI)	0.19	0.00	0.53	0.00	0.15	0		12	19.0000	0		0	

Material Aspects:

NYSE Arca Options (ARCO):

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

Chicago Board Options Exchange (XCBO):

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

Cboe 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.

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.

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.

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.

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.

MEMX LLC OPTIONS (MXOP):

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.

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.

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.

NYSE American Options (AMXO):

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.

MIAX Sapphire (MIHI):

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 2024

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
99.76	0.00	50.72	49.20	0.08

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)	46.41		9.28	84.60	100.00	0		-12	-29.6326	76	28.1460	0	
IBKR ATS (IATS)	14.27		26.73	1.46	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	5.42		1.89	9.08	0.00	0		-2	-14.6871	3	19.3311	0	
INTERACTIVE BROKERS CORP (IBCO)	5.02		9.91	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "LITE" (CDED)	4.55		8.96	0.00	0.00	0		0	0.0318	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)
NYSE Arca (ARCX)	2.79		3.77	1.78	0.00	0		-1	-27.2015	0	5.8182	0	
Level ATS (EBXL)	2.23		4.40	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTF)	2.15		4.25	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.99		3.93	0.00	0.00	0		0	0.0000	0		0	
SG Americas Securities, LLC (SGAS)	1.83		3.62	0.00	0.00	0		0	0.0000	0		0	
Jane Street Midpoint (JSES)	1.75		3.46	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	1.59		2.67	0.49	0.00	0		-1	-12.6904	0		0	
XTX Execution Services LLC (XTXE)	1.52		2.67	0.32	0.00	0		0	0.0000	0	0.0000	0	
CODA (CODA)	1.12		2.20	0.00	0.00	0		0	0.0000	0		0	
Knight Link (KNLI)	1.12		2.20	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.04		2.04	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	0.88		0.94	0.81	0.00	0		-0	-16.4516	0	16.0000	0	
CBOE BZX Exchange (BATS)	0.64		1.26	0.00	0.00	0		-2	-30.0000	0		0	
The Barclays ATS (LATS)	0.64		1.26	0.00	0.00	0		0		0		0	
Virtu Americas LLC "PRO" (VIRT)	0.64		1.26	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.48		0.94	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	0.40		0.31	0.49	0.00	0		0	2.0000	0		0	
MIAX PEARL Equities (EPRL)	0.40		0.31	0.49	0.00	0		-1	-28.5000	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.24		0.47	0.00	0.00	0		0	72.0000	0		0	
Blue Ocean ATS, LLC (OCEA)	0.24		0.47	0.00	0.00	0		0	0.0000	0		0	
NYSE American (XASE)	0.16		0.16	0.16	0.00	0		-0	-30.0000	0		0	
MEMX LLC (MEMX)	0.16		0.00	0.32	0.00	0		0		0	26.0000	0	
IBKR EOS ATS (IEOS)	0.08		0.16	0.00	0.00	0		0	0.0000	0		0	
Jump Trading Midpoint (JLQD)	0.08		0.16	0.00	0.00	0		0	0.0000	0		0	
NYSE CHX (XCHI)	0.08		0.16	0.00	0.00	0		-0	-10.0000	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)
IntelligentCross ATS (INCR)	0.08		0.16	0.00	0.00	0		-0	-8.0000	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.

INTERACTIVE BROKERS CORP (IBCO):

Interactive Brokers Corp. (IB Corp) operates a Single Dealer Platform (SDP) that executes both whole-share and fractional-share portions of certain IBLLC stock orders. IBLLC uses the SDP to execute client orders against IB Corp principal liquidity. IBLLC routes orders to the SDP only when it offers the best price, as determined by IBLLC's Smart Order Router, which implements IBLLC's best execution policy. Both IB Corp and IBLLC are subsidiaries of Interactive Brokers Group. There are no compensation or profit sharing arrangements relating to the SDP, nor are there any requirements regarding the minimum amount of order flow that IBLLC will route to the SDP. Statistical information regarding the quality of executions for orders effected through the SDP (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>

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.

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.

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.

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 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.

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.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

NYSE American (XASE):

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.

NYSE CHX (XCHI):

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 2024

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
99.97	0.00	41.77	58.17	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)	39.79		12.53	59.33	75.00	0		-326	-29.4323	352	13.2188	0	
CBOE EDGX Exchange (EDGX)	14.87		4.54	22.31	0.00	0		-161	-28.7160	7	9.0773	0	
NYSE Arca (ARCX)	6.91		8.47	5.77	25.00	0		-243	-26.6992	253	29.7894	-1	-15.0000
IBKR ATS (IATS)	6.32		14.37	0.55	0.00	0		0	0.0000	0	0.0000	0	
New York Stock Exchange (XNYS)	5.25		0.92	8.36	0.00	0		-27	-28.6810	139	20.0676	0	
HRT Execution Services LLC (HRTF)	2.45		5.86	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.43		5.22	0.43	0.00	0		-50	-18.5605	1	14.0000	0	
Level ATS (EBXL)	2.10		5.02	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	2.00		4.78	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	1.36		2.81	0.32	0.00	0		0	0.0000	0	0.0000	0	
CODA (CODA)	1.34		3.21	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	1.34		3.13	0.06	0.00	0		-89	-29.5167	0	16.0000	0	
CBOE BYX Exchange (BATY)	1.34		2.09	0.81	0.00	0		5	1.3906	-0	-20.0000	0	
INTERACTIVE BROKERS CORP (IBCO)	1.29		3.09	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC	1.27		2.29	0.55	0.00	0		-51	-27.7998	2	21.1727	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)
(MEMX)													
Knight Link (KNLI)	1.26		3.01	0.00	0.00	0		0	0.0000	0		0	
The Barclays ATS (LATS)	1.17		2.81	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.09		2.33	0.20	0.00	0		-45	-28.3967	-0	-20.0833	0	
Citadel Securities "LITE" (CDED)	1.09		2.61	0.00	0.00	0		0	0.0967	0		0	
Virtu Americas LLC "PRO" (VIRT)	0.97		2.33	0.00	0.00	0		0	0.0000	0		0	
Jane Street Capital LLC "PRO" (JSJX)	0.84		2.01	0.00	0.00	0		0	0.0000	0		0	
NYSE American (XASE)	0.69		0.36	0.92	0.00	0		-7	-25.6189	0		0	
Citadel Securities "PRO" (CDRG)	0.47		1.12	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGA Exchange (EDGA)	0.44		0.96	0.06	0.00	0		18	5.7704	-1	-30.0000	0	
Jane Street Midpoint (JSES)	0.42		1.00	0.00	0.00	0		0	0.0000	0		0	
NYSE National (XCIS)	0.29		0.68	0.00	0.00	0		21	12.7942	0		0	
Nasdaq PSX (XPSX)	0.22		0.36	0.12	0.00	0		-7	-30.0000	1	20.0000	0	
IBKR EOS ATS (IEOS)	0.18		0.40	0.03	0.00	0		-1	-8.4211	0		0	
IntelligentCross ATS (INCR)	0.15		0.36	0.00	0.00	0		-1	-8.0000	0		0	
Jump Trading Midpoint (JLQD)	0.15		0.36	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (XBOS)	0.15		0.36	0.00	0.00	0		-3	-7.0000	0		0	
Blue Ocean ATS, LLC (OCEA)	0.13		0.04	0.20	0.00	0		-0	-20.0000	0	2.5532	0	
NASDAQ Retail Liquidity Program (NASD)	0.08		0.20	0.00	0.00	0		0	9.8333	0		0	
Jane Street Capital LLC "LITE" (JNST)	0.05		0.12	0.00	0.00	0		0	54.6667	0		0	
SG Americas Securities, LLC (SGAS)	0.05		0.12	0.00	0.00	0		0		0		0	
NYSE CHX (XCHI)	0.03		0.08	0.00	0.00	0		-1	-10.0000	0		0	
Virtu Americas LLC "LITE" (NITE)	0.02		0.04	0.00	0.00	0		0	48.0000	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.

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.

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.

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 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.

INTERACTIVE BROKERS CORP (IBCO):

Interactive Brokers Corp. (IB Corp) operates a Single Dealer Platform (SDP) that executes both whole-share and fractional-share portions of certain IBLLC stock orders. IBLLC uses the SDP to execute client orders against IB Corp principal liquidity. IBLLC routes orders to the SDP only when it offers the best price, as determined by IBLLC's Smart Order Router, which implements IBLLC's best execution policy. Both IB Corp and IBLLC are subsidiaries of Interactive Brokers Group. There are no compensation or profit sharing arrangements relating to the SDP, nor are there any requirements regarding the minimum amount of order flow that IBLLC will route to the SDP. Statistical information regarding the quality of executions for orders effected through the SDP (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>

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.

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.

NYSE American (XASE):

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.

NYSE National (XCIS):

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 PSX (XPSX):

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 (XBOS):

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 Retail Liquidity Program (NASD):

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.

Jane Street Capital LLC "LITE" (JNST):

IBKR-LITE clients are charged zero commission for NMS stock and ETF orders, except for certain order types, orders that execute at the open or close, and orders that execute outside of regular trading hours ("Outside-RTH"), if the volume of such On Open and On Close orders or Outside-RTH in any given month exceeds a certain percentage of the account's aggregate US stock trading volume in that same month. IBKR-LITE orders are normally routed to select over-the-counter market makers for handling. IBKR's agreements with the market makers provide Interactive Brokers payment for order flow from each market maker (subject to certain exclusions detailed below). For trades executed with respect to a marketable customer order, each market maker pays IBKR a rebate of 12% of the spread between the National Best Bid and Offer of the routed stock at the time the order was received by the market maker. For trades executed with respect to a non-marketable customer order, each market maker pays IBKR \$0.27 per 100 shares for execution prices greater than or equal to \$1.00 and \$0.0027 per 100 shares for execution prices less than \$1.00. A potential effect of these payments is reduced price improvement on executions received by IBKR-LITE clients, in proportion to the payment received by IBKR. For both marketable and non-marketable orders, IBKR receives no payments for executions outside of regular trading hours and executions resulting from On Open and On Close orders.

NYSE CHX (XCHI):

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.

Virtu Americas LLC "LITE" (NITE):

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.

September 2024

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	0.45	39.64	46.91	13.00

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)
NYSE Arca Options (ARCO)	17.62	30.00	5.32	30.50	8.28	-4	-49.0000	-117	-49.0000	338	43.1635	6	51.3333
Chicago Board Options Exchange (XCBO)	14.22	0.00	13.35	13.86	18.62	0		268	27.1857	-39	-34.4933	-5	-11.1196
Cboe EDGX Options Exchange (EDGO)	11.57	0.00	1.92	19.22	13.79	0		46	29.6429	285	15.7705	8	46.7778
Nasdaq MRX (MCRY)	10.40	0.00	23.76	1.53	2.07	0		742	33.7097	40	35.9545	2	37.6667
Nasdaq PHLX (XPHL)	8.25	0.00	15.27	3.35	4.83	0		492	30.5537	57	22.8988	0	18.0000
BOX Exchange (XBOX)	7.44	0.00	16.40	1.91	0.34	0		614	22.4569	23	16.3427	0	
CBOE C2	6.55	0.00	0.79	5.07	29.66	0		-21	-43.0000	98	42.0000	12	37.5000

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)
Exchange (C2OX)													
Nasdaq ISE (XISX)	4.93	60.00	4.98	4.78	3.45	1	0.7081	-23	-10.5000	769	114.0000	1	32.0000
Nasdaq GEMX (GMNI)	2.91	10.00	1.92	4.49	0.00	0	43.0000	-61	-41.0000	315	47.1390	0	
Cboe BZX Options Exchange (BATS)	2.78	0.00	2.49	3.82	0.00	0		-41	-45.8889	248	87.7951	0	
Nasdaq Options Market (XNDQ)	2.74	0.00	1.92	4.21	0.00	0		-66	-40.7037	40	39.5000	0	
MIAX Sapphire (MIHI)	2.33	0.00	3.05	0.00	8.62	0		78	36.6995	0		0	
MEMX LLC OPTIONS (MXOP)	2.20	0.00	2.04	2.96	0.00	0		-33	-35.0105	475	49.0000	0	
MIAX Emerald Exchange (EMLD)	1.57	0.00	0.79	0.10	9.31	0		-24	-50.0000	0		-1	-20.0000
MIAX Options Exchange (XMIO)	1.39	0.00	0.68	2.20	0.69	0		10	28.8182	0	0.0000	0	
Nasdaq BX Options (XBXO)	1.17	0.00	2.94	0.00	0.00	0		-63	-38.8037	0		0	
NYSE American Options (AMXO)	1.03	0.00	0.23	1.91	0.34	0		0	0.0000	0	0.0000	0	
MIAX PEARL (MPRL)	0.90	0.00	2.15	0.10	0.00	0		-28	-27.8687	0		0	

Material Aspects:

NYSE Arca Options (ARCO):

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

Chicago Board Options Exchange (XCBO):

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

Cboe 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.

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.

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.

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 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 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 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.

MIAX Sapphire (MIHI):

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 OPTIONS (MXOP):

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.

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.

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.

NYSE American Options (AMXO):

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):

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