

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

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3rd Quarter, 2021

July 2021

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
82.17	0.25	19.81	76.85	3.09

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	45.22	2.96	6.46	55.81	33.76	-33	-3.4679	-74,614	-25.3451	302,127	25.6644	-20,391	-7.4677
New York Stock Exchange (XNYS)	19.88	0.00	3.88	22.29	64.00	0		-30,437	-16.0989	131,821	18.0252	-21,842	-6.8344
CBOE EDGX Exchange (EDGX)	8.56	0.00	2.46	10.45	1.29	0		-42,745	-24.0102	15,341	25.1537	-11	-5.0891
IBKR ATS (IATS)	5.79	0.00	29.00	0.05	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	5.12	0.00	3.37	5.79	0.00	0		-52,802	-28.5928	5,146	21.3725	0	
IEX (IEXD)	2.07	0.00	7.14	0.85	0.14	0		-6,500	-6.9319	-931	-4.0906	-1	-6.7943
HRT Execution Services LLC (HRTX)	1.56	0.00	7.87	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	1.52	0.00	2.38	1.37	0.00	0		-24,474	-25.6578	14,472	33.2187	0	
CBOE BYX Exchange (BATY)	1.44	0.00	1.26	1.54	0.15	0		536	1.5681	-39	-1.2817	-0	-6.7846

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):

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IBKR ATS (IATS):

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

NYSE Arca (ARCX):

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July 2021

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
89.11	0.27	24.32	71.53	3.88

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	36.60	0.74	8.38	46.22	38.68	-70	-4.5395	-1,338,899	-28.0241	3,950,500	25.4526	-68,582	-6.5827
New York Stock Exchange (NYSE)	14.28	0.00	2.43	17.43	31.49	0		-264,428	-21.5787	1,198,990	18.1127	-43,873	-6.6447
NYSE Arca (ARCX)	13.57	0.00	5.86	15.72	23.21	0		-975,860	-28.6063	522,850	25.6182	-35,735	-10.7248
CBOE EDGX Exchange (EDGX)	10.98	0.00	4.76	13.68	0.98	0		-884,237	-27.7199	341,335	20.7738	-191	-7.5523
IBKR ATS (IATS)	4.58	0.00	18.45	0.13	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.43	0.00	8.06	0.64	0.32	0		-44,275	-7.2334	-4,283	-2.7886	-9	-7.3427
UBS ATS (UBSA)	2.08	0.00	8.54	0.00	0.00	0		0	0.0000	0		0	

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Citadel Securities "PRO" (CDRG)	1.74	0.00	7.14	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	1.55	0.00	3.01	1.15	0.00	0		-420,540	-25.8227	147,471	33.0987	0	
HRT Execution Services LLC (HRTX)	1.46	0.00	6.01	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.37	0.00	1.53	1.39	0.21	0		11,719	1.6853	-1,009	-3.2561	-4	-12.1406

Material Aspects:

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July 2021

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.88	0.07	7.50	44.89	47.53

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CBOE C2 Exchange (C2OX)	15.75	13.09	4.56	11.18	21.84	1,785	36.0390	-716,909	-42.2020	814,247	38.5258	366,123	13.7476
Chicago Board Options Exchange (XCBO)	14.18	8.06	5.44	19.29	10.74	-369	-30.3678	1,591,063	178.8352	162,763	3.0391	-985,076	-29.4266
NYSE Arca Options (ARCO)	12.32	27.69	6.50	15.45	10.27	-115	-1.0958	-593,871	-56.3260	353,635	65.3419	653,961	42.4624
Nasdaq Options Market (XNDQ)	11.58	0.00	7.78	24.50	0.00	0		-862,096	-42.1637	1,761,234	48.6721	0	
Cboe EDGX Options Exchange (EDGO)	9.11	0.00	6.75	3.35	14.95	0		898,946	77.4337	222,992	13.1200	794,583	47.7108
MIAX Emerald Exchange (EMLD)	8.43	1.40	2.37	2.99	14.53	56	46.6364	-118,740	-39.5210	418,447	42.5076	536,624	29.1214
Nasdaq PHLX (XPHL)	7.61	1.38	3.05	3.07	12.63	0	0.0000	716,710	80.3174	1,722	0.2745	710	0.0665
Nasdaq ISE (XISX)	7.43	26.82	4.59	1.48	13.46	895	6.3030	-106,172	-14.1617	200,299	82.1436	564,179	35.8894
Cboe BZX Options Exchange (BATS)	4.55	0.00	5.52	9.21	0.00	0		-950,820	-53.0157	1,216,579	72.8809	0	

Material Aspects:

CBOE C2 Exchange (C2OX):

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Chicago Board Options Exchange (XCBO):

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NYSE Arca Options (ARCO):

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Nasdaq Options Market (XNDQ):

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Cboe EDGX Options Exchange (EDGO):

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MIAX Emerald Exchange (EMLD):

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Nasdaq PHLX (XPHL):

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Nasdaq ISE (XISX):

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Cboe BZX Options Exchange (BATS):

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August 2021

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
83.13	0.27	18.84	77.95	2.95

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	45.97	1.74	5.54	56.36	33.32	-7	-1.1040	-61,317	-25.3077	280,178	25.7150	-15,623	-7.3678
New York Stock Exchange (XNYS)	19.49	0.00	3.34	21.76	64.65	0		-23,613	-15.5829	115,003	18.3413	-19,508	-6.9968
CBOE EDGX Exchange (EDGX)	8.67	0.00	2.30	10.53	1.12	0		-36,302	-24.1179	15,119	25.7833	-24	-7.5772
IBKR ATS (IATS)	6.18	0.00	32.44	0.09	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	3.54	0.00	3.01	3.82	0.00	0		-42,456	-27.8535	6,158	23.0182	0	
MEMX LLC (MEMX)	2.30	0.00	2.87	2.26	0.00	0		-24,070	-22.6671	24,735	33.3640	0	
IEX (IEXD)	1.90	0.00	6.70	0.81	0.12	0		-5,473	-6.7119	-900	-4.3515	-2	-6.9385
HRT Execution Services LLC (HRTX)	1.44	0.00	7.66	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.31	0.00	1.01	1.43	0.16	0		317	1.1773	-39	-1.3834	0	1.1519

Material Aspects:**Nasdaq Stock Market (XNAS):**

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August 2021

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
88.63	0.24	21.85	73.81	4.10

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 Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	37.52	1.38	8.18	46.05	42.42	-40	-1.6592	-1,024,883	-27.3256	3,194,665	24.2628	-67,791	-6.6814
NYSE Arca (ARCX)	13.77	0.00	5.33	15.92	20.87	0		-794,285	-27.8050	493,486	26.0593	-33,975	-11.9263
New York Stock Exchange (XNYS)	13.12	0.00	2.25	15.39	30.99	0		-214,255	-21.3401	937,225	17.8602	-46,509	-7.1806
CBOE EDGX Exchange (EDGX)	11.22	0.00	4.05	13.96	0.87	0		-663,072	-27.3640	291,506	20.7575	-168	-6.2293
IBKR ATS (IATS)	5.01	0.00	22.38	0.16	0.00	0		0	0.0000	0	0.0000	0	
MEMX LLC (MEMX)	2.16	0.00	3.13	2.00	0.00	0		-319,690	-22.9636	234,770	33.1882	0	
IEX (IEXD)	2.13	0.00	7.65	0.61	0.23	0		-36,722	-7.2782	-3,881	-3.1499	-7	-7.2102

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UBS ATS (UBSA)	1.59	0.00	7.27	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.49	0.00	6.81	0.00	0.00	0		0	0.0000	0		0	
HRT Execution Services LLC (HRTX)	1.38	0.00	6.34	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.27	0.00	1.33	1.32	0.14	0		7,566	1.4866	-1,027	-3.6574	-1	-3.1107

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August 2021

Options

Summary

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99.87	0.08	7.24	44.29	48.39

Venues

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CBOE C2 Exchange (C2OX)	15.96	31.84	4.80	11.24	21.93	1,508	28.8264	-739,683	-42.0856	851,336	38.7100	662,251	28.5675
NYSE Arca Options (ARCO)	14.60	25.79	6.68	20.46	10.41	-393	-3.8231	-597,972	-57.4324	956,234	66.1607	884,419	41.9051
Chicago Board Options Exchange (XCBO)	13.32	3.59	4.19	18.09	10.33	-1,790	-47.7261	1,476,469	160.3533	100,820	2.1643	-1,079,650	-30.2913
Nasdaq Options Market (XNDQ)	11.42	0.00	7.05	24.62	0.00	0		-836,010	-42.1018	1,951,685	51.3389	0	
Cboe EDGX Options Exchange (EDGO)	9.76	0.00	7.68	4.18	15.20	0		1,063,597	80.1303	281,390	13.0615	807,272	47.5426
MIAX Emerald Exchange (EMLD)	9.43	5.47	2.97	5.36	14.13	1,260	53.4688	-143,492	-37.4724	743,033	42.8378	557,906	29.1228
Nasdaq ISE (XISX)	7.90	21.52	4.94	1.31	14.34	-526	-5.0556	-78,553	-9.8239	151,804	83.2790	640,752	37.4802
Nasdaq PHLX (XPHL)	7.17	1.31	3.05	2.41	12.15	-11	-1.2355	742,448	80.9879	364	0.0673	-2,230	-0.1942
Nasdaq GEMX (GMNI)	2.75	5.50	1.73	5.92	0.00	923	36.0703	-230,016	-51.1776	630,240	43.5007	-232	-50.6630

Material Aspects:

CBOE C2 Exchange (C2OX):

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

NYSE Arca Options (ARCO):

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

Chicago Board Options Exchange (XCBO):

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Nasdaq Options Market (XNDQ):

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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.

MIAX Emerald Exchange (EMLD):

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

Nasdaq ISE (XISX):

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

Nasdaq PHLX (XPHL):

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

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.

September 2021

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
79.76	0.22	15.49	81.61	2.68

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)	49.77	2.99	5.83	58.76	33.73	-62	-5.9483	-50,978	-24.7511	252,383	26.6867	-14,009	-7.4229
New York Stock Exchange (XNYS)	17.50	0.00	3.25	18.71	64.27	0		-21,237	-15.5561	119,782	18.1300	-18,877	-7.0984
CBOE EDGX Exchange (EDGX)	7.22	0.00	1.91	8.45	1.12	0		-28,434	-23.6056	13,063	25.4824	-33	-7.7468
NYSE Arca (ARCX)	5.72	0.00	2.79	6.48	0.00	0		-36,075	-28.5311	5,793	22.6629	0	
IBKR ATS (IATS)	5.25	0.00	33.55	0.07	0.00	0		0	0.0000	0	0.0000	0	
MIAX PEARL Equities (EPRL)	2.89	0.00	1.01	3.35	0.00	0		-5,871	-23.4285	33,093	31.8118	0	
IEX (IEXG)	1.51	0.00	6.34	0.64	0.17	0		-4,396	-6.0532	-783	-4.4447	-2	-6.8174
HRT Execution Services LLC (HRTX)	1.20	0.00	7.74	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

Nasdaq Stock Market (XNAS):

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

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.

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>.

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.

September 2021

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
88.25	0.22	22.56	73.02	4.19

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq Stock Market (XNAS)	35.11	1.24	7.42	43.31	43.09	-79	-3.9454	-1,046,299	-25.6059	3,000,205	22.5183	-60,409	-6.9606
NYSE Arca (ARCX)	14.57	0.00	5.22	17.14	20.86	0		-848,270	-25.8017	550,480	22.1773	-30,181	-11.9533
New York Stock Exchange (XNYS)	13.38	0.00	2.08	15.95	30.26	0		-218,176	-21.6411	782,449	17.9673	-39,608	-7.1890
CBOE EDGX Exchange (EDGX)	10.69	0.00	3.94	13.36	1.00	0		-678,456	-26.6130	405,411	21.0614	-201	-7.1147
IBKR ATS (IATS)	4.83	0.00	20.96	0.13	0.00	0		0	0.0000	0	0.0000	0	
MIAX PEARL Equities (EPRL)	3.34	0.00	1.20	4.20	0.00	0		-112,710	-24.1261	446,671	31.9679	0	
IEX (IEXD)	2.10	0.00	7.39	0.59	0.21	0		-33,825	-6.2884	-4,439	-3.3431	-16	-9.0218
HRT Execution Services LLC (HRTX)	1.58	0.00	6.99	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.51	0.00	6.68	0.00	0.00	0		0	0.0000	0	0.0000	0	
Citadel Securities "PRO" (CDRG)	1.44	0.00	6.38	0.00	0.00	0		0	0.0000	0	0.0000	0	
MEMX LLC (MEMX)	1.28	0.00	3.27	0.75	0.00	0		-439,004	-26.5960	38,666	24.3466	0	

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CBOE BYX Exchange (BATY)	1.20	0.00	1.54	1.15	0.22	0		7,605	1.1932	-2,456	-7.1445	-3	-6.7086

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.

NYSE Arca (ARCX):

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

New York Stock Exchange (XNYS):

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

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.

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>.

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.

IEX (IEXD):

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

MEMX LLC (MEMX):

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

CBOE 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.

September 2021

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.86	0.06	7.51	44.00	48.43

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CBOE C2 Exchange (C2OX)	16.06	11.01	4.44	11.94	21.61	1,159	26.4277	-695,983	-42.0973	949,182	39.5941	645,178	28.5051
NYSE Arca Options (ARCO)	14.46	32.73	7.03	19.83	10.71	675	7.2305	-665,947	-58.1068	910,220	63.9917	957,553	41.9298
Chicago Board Options Exchange (XCBO)	13.70	5.05	6.28	18.16	10.80	-703	-38.2625	1,308,948	128.3011	-29,097	-0.6881	-1,316,135	-33.7787
MIAX Emerald Exchange (EMLD)	10.27	5.03	3.91	7.52	13.76	396	43.8870	-171,897	-40.8334	1,024,140	42.9434	563,598	29.8357
Cboe EDGX Options Exchange (EDGO)	9.94	0.00	7.43	5.00	14.83	0		1,159,007	92.9821	344,265	13.0715	810,872	48.1037
Nasdaq Options Market (XNDQ)	9.22	0.00	6.86	19.78	0.00	0		-781,707	-43.3042	1,387,780	49.9917	0	
Nasdaq ISE (XISX)	8.03	27.84	4.79	1.14	14.76	-848	-8.2276	-82,657	-10.7752	144,991	82.3419	603,814	37.6236
Nasdaq PHLX (XPHL)	6.75	2.71	2.50	1.73	11.98	-3	-0.2011	664,428	87.8055	940	0.2823	-3,294	-0.2868
Cboe BZX Options Exchange (BATS)	3.85	0.00	5.41	7.84	0.00	0		-883,693	-53.5346	891,283	66.3605	0	

Material Aspects:

CBOE C2 Exchange (C2OX):

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NYSE Arca Options (ARCO):

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Chicago Board Options Exchange (XCBO):

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

MIAX Emerald Exchange (EMLD):

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Cboe EDGX Options Exchange (EDGO):

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Nasdaq Options Market (XNDQ):

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Nasdaq ISE (XISX):

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Nasdaq PHLX (XPHL):

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