

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

Generated on Mon Jul 04 2022 03:56:03 GMT-0400 (EDT)

2nd Quarter, 2022

April 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
69.18	0.26	14.67	83.75	1.32

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)	42.26	2.00	9.22	48.30	34.13	-56	-8.6634	-107,023	-25.7066	328,052	26.7786	-32,108	-8.4246
CBOE EDGX Exchange (EDGX)	28.63	0.00	1.79	33.84	2.35	0		-43,985	-25.3108	61,293	19.5790	-126	-11.7207
New York Stock Exchange (XNYS)	11.29	0.00	2.81	12.00	62.67	0		-40,185	-22.6450	178,478	17.9359	-21,596	-7.4049
IBKR ATS (IATS)	5.49	0.00	36.50	0.16	0.00	0		0	0.0000	0	0.0000	0	
MIAX PEARL Equities (EPRL)	1.73	0.00	0.99	1.89	0.00	0		-11,769	-26.6878	60,112	28.9015	0	
NYSE Arca (ARCX)	1.66	0.00	3.36	1.39	0.00	0		-70,893	-28.4592	6,757	23.9017	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.

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IBKR ATS (IATS):

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NYSE Arca (ARCX):

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April 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
73.57	0.27	22.07	75.03	2.63

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)	30.34	0.56	8.71	36.71	33.00	-60	-7.0568	-1,164,643	-25.0485	2,007,525	21.0055	-61,530	-7.7642
NYSE Arca (ARCX)	17.87	0.00	6.02	20.83	34.60	0		-819,714	-25.1860	884,642	25.8453	-33,560	-11.4888
CBOE EDGX Exchange (EDGX)	16.60	0.00	2.67	21.30	1.17	0		-403,523	-23.3512	344,067	17.2301	4	0.2696
New York Stock Exchange (XNYS)	12.75	0.00	2.11	15.39	28.00	0		-234,929	-24.3604	686,431	17.6385	-45,308	-7.0646
IBKR ATS (IATS)	4.67	0.00	20.63	0.16	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.01	0.00	7.34	0.51	0.02	0		-35,630	-6.4009	-2,649	-3.1199	-6	-7.4042
MIAX PEARL Equities (EPRL)	1.63	0.00	1.87	1.62	0.00	0		-151,538	-27.2304	252,974	28.7804	0	
HRT Execution Services LLC (HRTX)	1.55	0.00	7.02	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.38	0.00	6.23	0.01	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.35	0.00	6.11	0.00	0.00	0		0	0.0000	0		0	

Material Aspects:

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IEX (IEXD):

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April 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.82	0.08	8.64	47.54	43.74

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)	21.66	31.80	7.87	34.15	10.80	556	6.3335	-592,737	-53.0423	2,251,816	55.1999	676,746	41.9030
Chicago Board Options Exchange (XCBO)	16.37	10.64	9.43	18.70	15.21	-482	-29.9293	823,868	51.7667	-363,534	-12.2605	-1,211,915	-33.1694
CBOE C2 Exchange (C2OX)	14.80	10.80	4.61	9.51	22.56	1,479	37.7311	-653,814	-41.8073	688,262	39.7778	704,034	29.5408
Cboe EDGX Options Exchange (EDGO)	10.85	0.00	10.30	8.23	13.82	0		1,690,814	101.4186	518,770	13.0213	885,684	48.8324
MIAX Emerald Exchange (EMLD)	9.88	12.76	2.18	8.72	12.65	1,122	52.9382	-79,517	-33.3794	1,175,108	52.3571	382,040	27.2474

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Nasdaq ISE (XISX)	5.89	24.49	3.48	0.80	11.87	-924	-8.3329	-112,032	-17.4284	83,359	83.1636	466,517	35.8192
Nasdaq PHLX (XPHL)	5.59	0.93	3.40	0.44	11.63	-4	-0.9068	642,030	59.3376	2,929	3.7795	-189	-0.0174
Nasdaq Options Market (XNDQ)	4.29	0.00	4.97	8.12	0.00	0		-630,774	-43.6240	421,236	53.5960	0	
Cboe BZX Options Exchange (BATS)	3.34	0.00	4.10	6.28	0.00	0		-650,623	-52.5780	506,036	54.9156	0	

Material Aspects:

NYSE Arca Options (ARCO):

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Chicago Board Options Exchange (XCBO):

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CBOE C2 Exchange (C2OX):

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Cboe EDGX Options Exchange (EDGO):

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MIAX Emerald Exchange (EMLD):

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Nasdaq ISE (XISX):

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May 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
66.26	0.24	15.03	83.43	1.30

Venues

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Nasdaq Stock Market (XNAS)	39.11	1.82	6.85	45.08	35.39	-173	-6.1821	-98,121	-23.1053	440,034	27.0087	-37,557	-8.1953
CBOE EDGX Exchange (EDGX)	31.19	0.00	1.59	37.07	2.04	0		-36,134	-25.6330	58,324	18.6291	-66	-7.1438
New York Stock Exchange (XNYS)	10.58	0.00	2.72	11.23	61.73	0		-35,182	-21.7177	156,811	18.0990	-22,473	-7.0283
IBKR ATS (IATS)	5.66	0.00	36.74	0.17	0.00	0		0	0.0000	0	0.0000	0	
MIAX PEARL Equities (EPRL)	1.99	0.00	0.71	2.26	0.00	0		-8,617	-25.7972	50,043	28.9093	0	
NYSE Arca (ARCX)	1.79	0.00	3.33	1.55	0.00	0		-69,998	-28.1884	5,005	22.2723	0	

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69.41	0.32	23.45	73.70	2.53

Venues

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Nasdaq Stock Market (XNAS)	26.99	0.57	9.75	32.35	33.91	-84	-3.5944	-1,166,672	-24.3112	2,131,012	20.5985	-69,585	-7.3635
NYSE Arca (ARCX)	18.43	0.00	6.21	21.83	34.68	0		-825,368	-24.4498	979,300	25.8807	-36,755	-11.4657
CBOE EDGX Exchange (EDGX)	17.60	0.00	2.72	22.98	1.08	0		-393,008	-22.7967	364,399	17.6905	-86	-4.3720
New York Stock Exchange (XNYS)	13.15	0.00	2.32	16.18	27.02	0		-265,174	-23.8867	787,706	17.0196	-50,953	-7.3967
IBKR ATS (IATS)	4.66	0.00	19.27	0.19	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.11	0.00	6.97	0.64	0.02	0		-37,928	-6.4181	-3,407	-3.3572	-11	-6.8834
MIAx PEARL Equities (EPRL)	1.84	0.00	1.81	1.91	0.00	0		-160,298	-27.1786	205,600	28.7559	0	
HRT Execution Services LLC (HRTX)	1.70	0.00	7.26	0.00	0.00	0		0	0.0000	0		0	
UBS ATS (UBSA)	1.52	0.00	6.40	0.02	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	1.46	0.00	6.21	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BATY)	1.19	0.00	1.35	1.18	0.04	0		5,402	1.0845	-2,113	-6.5269	0	0.8923

Material Aspects:

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May 2022

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99.79	0.08	8.69	47.94	43.29

Venues

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NYSE Arca Options (ARCO)	20.47	32.68	6.11	32.09	10.47	2,712	32.1049	-592,899	-51.5841	2,481,847	55.5286	666,773	42.4309
Chicago Board Options Exchange (XCBO)	18.96	14.26	11.05	21.05	18.24	-824	-33.1564	939,264	46.9516	-548,650	-13.8114	-1,491,802	-34.5968
CBOE C2 Exchange (C2OX)	14.49	8.52	3.32	10.00	21.70	1,802	34.1001	-650,797	-41.5204	849,249	39.7178	733,057	30.5812
Cboe EDGX Options Exchange (EDGO)	10.40	0.00	10.74	7.57	13.49	0		1,786,443	96.5854	527,347	13.0326	930,655	49.8894
MIAX Emerald Exchange (EMLD)	8.54	6.84	1.34	6.78	11.93	713	58.6584	-61,228	-26.7482	981,488	52.3155	421,101	27.8981
Nasdaq ISE (XISX)	5.71	27.42	3.70	0.68	11.66	282	1.8162	-123,224	-16.0031	83,570	81.6384	488,258	36.8571
Nasdaq PHLX (XPHL)	5.34	1.22	3.61	0.47	11.09	-1	-0.3125	731,254	59.1596	3,159	4.4492	-279	-0.0248
Nasdaq Options Market (XNDQ)	4.33	0.00	4.11	8.28	0.00	0		-568,565	-41.0167	422,260	56.7470	0	
Nasdaq MRX (MCRY)	3.41	0.01	35.78	0.05	0.62	0		1,668,432	31.9378	9,543	28.6704	263,358	26.2229

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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 Options Market (XNDQ):

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

Nasdaq 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.

June 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
66.90	0.20	13.10	85.52	1.17

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)	53.61	1.34	6.80	61.20	31.74	-17	-1.5237	-95,005	-24.5232	396,791	27.5657	-31,450	-8.4627
CBOE EDGX Exchange (EDGX)	19.26	0.00	1.52	22.26	2.17	0		-29,614	-26.1972	53,171	18.9576	-30	-3.4955
New York Stock	11.40	0.00	2.43	12.07	65.22	0		-33,517	-22.2567	140,000	18.1946	-24,191	-7.2613

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 (XNYS)													
IBKR ATS (IATS)	4.54	0.00	33.88	0.12	0.00	0		0	0.0000	0	0.0000	0	
NYSE Arca (ARCX)	1.26	0.00	3.12	0.99	0.00	0		-58,286	-28.1079	4,182	22.7493	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.

New York Stock Exchange (XNYS):

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

IBKR ATS (IATS):

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

NYSE Arca (ARCX):

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

June 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
71.07	0.29	24.63	72.67	2.41

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)	31.23	0.51	9.13	38.77	33.68	-81	-4.0765	-1,212,148	-24.7638	2,079,137	19.9586	-67,504	-7.5371
NYSE Arca (ARCX)	15.88	0.00	6.38	18.63	31.93	0		-902,419	-24.9262	894,538	25.7198	-35,938	-11.9553
New York Stock Exchange	14.09	0.00	2.35	17.63	29.26	0		-246,592	-24.1212	739,833	17.6206	-49,202	-7.4883

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)
(XNYS)													
CBOE EDGX Exchange (EDGX)	13.94	0.00	2.95	18.14	1.28	0		-422,397	-23.3219	391,758	17.7639	-289	-12.1419
IBKR ATS (IATS)	4.51	0.00	17.86	0.15	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	2.25	0.00	7.39	0.59	0.02	0		-37,440	-6.4497	-3,138	-3.4503	-7	-5.2929
HRT Execution Services LLC (HRTX)	1.93	0.00	7.83	0.00	0.00	0		0	0.0000	0		0	
MIAX PEARL Equities (EPRL)	1.76	0.00	1.74	1.84	0.00	0		-150,980	-27.6074	171,317	28.4260	0	
Citadel Securities "PRO" (CDRG)	1.59	0.00	6.47	0.00	0.00	0		0	0.0000	0	0.0000	0	
UBS ATS (UBSA)	1.57	0.00	6.35	0.00	0.00	0		0	0.0000	0	0.0000	0	
CBOE BYX Exchange (BATY)	1.19	0.00	1.50	1.13	0.05	0		5,907	1.1590	-1,639	-6.4955	-0	-0.4804
CBOE BZX Exchange (BATS)	1.08	0.00	2.70	0.50	2.01	0		-290,458	-26.9623	6,785	9.1055	-7,523	-23.9193

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>.

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.

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 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.

June 2022

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
99.81	0.09	10.00	52.51	37.41

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)	24.41	32.49	7.32	37.56	10.50	1,877	24.8834	-552,443	-51.9320	2,394,143	54.9047	727,093	40.9430
Chicago Board Options Exchange (XCBO)	18.57	14.32	11.98	18.65	20.23	-1,355	-31.7686	508,678	24.2673	-677,478	-24.0693	-1,482,187	-34.8477
CBOE C2 Exchange (C2OX)	14.01	9.07	4.20	11.08	20.74	952	26.7539	-691,858	-42.0375	793,465	40.3094	593,681	27.1310
Cboe EDGX Options Exchange (EDGO)	9.66	0.00	7.08	9.88	10.07	0		1,847,492	118.0245	609,804	13.0030	839,054	49.3803
MIAX Emerald Exchange (EMLD)	5.24	4.11	1.62	2.61	9.90	802	56.8505	-62,423	-26.7601	488,882	52.0546	351,485	26.0310
Nasdaq Options Market (XNDQ)	5.11	0.00	4.58	8.86	0.00	0		-343,593	-39.1140	420,298	55.7617	0	
Nasdaq MRX (MCRY)	4.59	0.01	34.07	0.04	3.10	0		1,559,072	32.7752	7,155	28.4663	215,000	22.7450
Nasdaq ISE (XISX)	4.46	26.26	4.76	0.63	9.70	-1,314	-11.2680	-114,061	-13.4405	56,051	81.0994	388,677	26.4013
Nasdaq PHLX (XPHL)	4.26	1.57	3.37	0.53	9.75	-3	-0.8202	675,851	60.8597	3,074	4.0130	-17,813	-1.5011

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 C2 Exchange (C2OX):

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

Cboe 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):

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Nasdaq Options Market (XNDQ):

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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 ISE (XISX):

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Nasdaq PHLX (XPHL):

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