

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

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2nd Quarter, 2020

April 2020

## 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	22.60	77.40	0.00

### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
New York Stock Exchange (NYSE)	52.74	0.00	1.30	98.70	0.00	0		-1	-30.0000	1	15.0333	0	
Nasdaq Stock Market (ILND)	28.08	0.00	14.63	85.37	0.00	0		-5	-30.0000	0	29.1429	0	
UBS ATS (UBSS)	3.42	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IBKR ATS (IBKR)	3.08	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	3.08	0.00	66.67	33.33	0.00	0		-2	-30.0000	0		0	
Citadel Securities (CDRG)	2.40	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.40	0.00	100.00	0.00	0.00	0		-0	-9.0000	0		0	
Hudson River Trading (HRTX)	1.37	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGA)	1.03	0.00	100.00	0.00	0.00	0		-0	-4.2500	0		0	
CBOE BYX Exchange (BYXX)	0.68	0.00	50.00	50.00	0.00	0		0	5.0000	0		0	
NYSE National (XNYS)	0.34	0.00	100.00	0.00	0.00	0		-0	-5.0000	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)
NYSE CHX (CHEX)	0.34	0.00	100.00	0.00	0.00	0		-0	-10.0000	0		0	
NYSE Arca (ARCA)	0.34	0.00	100.00	0.00	0.00	0		-1	-30.0000	0		0	
Virtu Financial Inc. (EWTT)	0.34	0.00	100.00	0.00	0.00	0		0		0		0	
Credit Suisse Securities (USA) (FBCO)	0.34	0.00	100.00	0.00	0.00	0		0		0		0	

### Material Aspects:

New York Stock Exchange (NYSE):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Nasdaq Stock Market (ILND):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

IBKR ATS (IBKR):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS, on which it executes IBKR client orders against each other or against one or more professional liquidity providers who send orders into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement

CBOE BZX Exchange (BATS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

CBOE EDGX Exchange (EDGA):

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CBOE BYX Exchange (BYXX):

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NYSE National (XNYS):

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NYSE CHX (CHEX):

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NYSE Arca (ARCA):

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## April 2020

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### 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	0.04	58.30	41.66	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 (ILND)	43.66	0.10	20.63	79.27	0.00	0	0.0000	-143	-29.9648	390	26.0824	0	
NYSE Arca (ARCA)	8.92	0.00	74.63	25.37	0.00	0		-101	-29.9847	70	19.7628	0	
CBOE BZX Exchange (BATS)	7.23	0.00	95.71	4.29	0.00	0		-69	-30.0000	2	16.5734	0	
UBS ATS (UBSS)	5.59	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities (CDRG)	5.46	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IBKR ATS (IBKR)	5.37	0.00	97.52	2.48	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	5.15	0.00	97.41	2.59	0.00	0		-9	-8.2621	-0	-9.0000	0	
CBOE EDGX Exchange (EDGA)	4.84	0.00	93.58	6.42	0.00	0		-59	-21.9135	0	17.0000	0	
New York Stock Exchange (NYSE)	3.73	0.00	22.62	77.38	0.00	0		-22	-29.0011	2	17.5000	0	
Virtu Financial Inc. (NITE)	2.57	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Credit Suisse Securities (USA) (FBCO)	1.42	0.00	100.00	0.00	0.00	0		3	10.0000	0		0	
CBOE BYX Exchange (BYXX)	1.42	0.00	46.88	53.12	0.00	0		2	5.0000	0	5.0000	0	
CODA (PDQM)	1.11	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX (XPSX)	0.98	0.00	100.00	0.00	0.00	0		-3	-30.0000	0		0	
Jane Street Execution Services (JSES)	0.75	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IMC (IMCS)	0.71	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
NYSE American (AMEX)	0.40	0.00	33.33	66.67	0.00	0		-3	-26.0000	2	25.4350	0	
Hudson River Trading (HRTX)	0.40	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (NSBX)	0.22	0.00	100.00	0.00	0.00	0		-1	-5.6667	0		0	
NYSE CHX (CHEX)	0.04	0.00	100.00	0.00	0.00	0		-0	-10.0000	0		0	
NYSE	0.04	0.00	100.00	0.00	0.00	0		-0	-5.0000	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)
National (XNYS)													

### Material Aspects:

#### Nasdaq Stock Market (ILND):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### NYSE Arca (ARCA):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### CBOE BZX Exchange (BATS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### IBKR ATS (IBKR):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS, on which it executes IBKR client orders against each other or against one or more professional liquidity providers who send orders into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement

#### CBOE EDGX Exchange (EDGA):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### New York Stock Exchange (NYSE):

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#### CBOE BYX Exchange (BYXX):

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#### Nasdaq PSX (XPSX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### NYSE American (AMEX):

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#### Nasdaq BX (NSBX):

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#### NYSE CHX (CHEX):

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#### NYSE National (XNYS):

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## April 2020

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.00	8.00	92.00	0.00

### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
NYSE American Options (AMEX)	22.40	0.00	0.00	100.00	0.00	0		0		0		0	
Chicago Board Options Exchange (CBOE)	17.60	0.00	9.09	90.91	0.00	0		-2	-34.3750	15	28.3558	0	
Nasdaq PHLX (PHLX)	16.00	0.00	10.00	90.00	0.00	0		2	11.3333	1	15.0000	0	
Cboe BZX Options Exchange (BATS)	9.60	0.00	8.33	91.67	0.00	0		-1	-50.0000	1	85.0000	0	
Nasdaq BX Options (NASD)	8.00	0.00	10.00	90.00	0.00	0		-6	-48.0000	-0	-48.0000	0	
NYSE Arca Options (PSEX)	8.00	0.00	0.00	100.00	0.00	0		0		0		0	
Nasdaq GEMX (GMNI)	7.20	0.00	0.00	100.00	0.00	0		0		44	40.0000	0	
Nasdaq ISE (ISEX)	3.20	0.00	25.00	75.00	0.00	0		-1	-41.0000	0		0	
MIAX Emerald Exchange (EMLD)	3.20	0.00	25.00	75.00	0.00	0		-18	-50.0000	0		0	
Cboe EDGX Options Exchange (EDGO)	2.40	0.00	0.00	100.00	0.00	0		0		1	21.0000	0	
MIAX Options Exchange (MIAX)	0.80	0.00	100.00	0.00	0.00	0		0	10.0000	0		0	
BOX Exchange (BOEX)	0.80	0.00	0.00	100.00	0.00	0		0		0		0	
MIAX PEARL (MPRL)	0.80	0.00	100.00	0.00	0.00	0		-25	-50.0000	0		0	

#### Material Aspects:

NYSE American Options (AMEX):

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Chicago Board Options Exchange (CBOE):

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Nasdaq PHLX (PHLX):

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Cboe BZX Options Exchange (BATS):

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Nasdaq BX Options (NASD):

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**NYSE Arca Options (PSEX):**

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**Nasdaq GEMX (GMNI):**

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**Nasdaq ISE (ISEX):**

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**MIAX Emerald Exchange (EMLD):**

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**Cboe EDGX Options Exchange (EDGO):**

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**MIAX Options Exchange (MIAX):**

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**BOX Exchange (BOEX):**

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.

IBKR may receive volume discounts that are not passed on to clients

**MIAX PEARL (MPRL):**

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## May 2020

### 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	18.45	81.55	0.00

**Venues**

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
New York Stock Exchange (NYSE)	54.61	0.00	0.68	99.32	0.00	0		0	19.5000	4	19.5000	0	
Nasdaq Stock Market (ILND)	27.31	0.00	9.46	90.54	0.00	0		-3	-28.8770	2	30.0000	0	
Citadel Securities (CDRG)	3.32	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IBKR ATS (IBKR)	2.95	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BYXX)	2.58	0.00	14.29	85.71	0.00	0		0	5.0000	0		0	
IEX (IEXG)	2.58	0.00	85.71	14.29	0.00	0		-0	-7.8000	0		0	
UBS ATS (UBSS)	1.48	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	

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CBOE EDGX Exchange (EDGA)	1.11	0.00	100.00	0.00	0.00	0		-0	-17.8871	0		0	
CBOE BZX Exchange (BATS)	1.11	0.00	100.00	0.00	0.00	0		-5	-30.0000	0		0	
Jane Street Execution Services (JSES)	0.74	0.00	100.00	0.00	0.00	0		0		0		0	
Virtu Financial Inc. (NITE)	0.74	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Hudson River Trading (HRTX)	0.37	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Credit Suisse Securities (USA) (FBCO)	0.37	0.00	100.00	0.00	0.00	0		0		0		0	
Nasdaq PSX (XPSX)	0.37	0.00	100.00	0.00	0.00	0		-1	-30.0000	0		0	
NYSE Arca (ARCA)	0.37	0.00	100.00	0.00	0.00	0		-1	-30.0000	0		0	

**Material Aspects:**

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CBOE EDGX Exchange (EDGA):

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CBOE BZX Exchange (BATS):

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Nasdaq PSX (XPSX):

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NYSE Arca (ARCA):

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**May 2020**

**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	0.06	46.24	53.70	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 (ILND)	47.18	0.00	11.31	88.69	0.00	0		-97	-26.7131	421	27.0912	0	
UBS ATS (UBSS)	6.22	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IBKR ATS (IBKR)	6.11	0.00	94.17	5.83	0.00	0		0	0.0000	0	0.0000	0	
Citadel Securities (CDRG)	6.05	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
NYSE Arca (ARCA)	5.87	0.00	40.40	59.60	0.00	0		-27	-30.0000	144	21.0876	0	
IEX (IEXD)	5.87	0.00	94.95	5.05	0.00	0		-4	-7.8342	-0	-4.6098	0	
New York Stock Exchange (NYSE)	5.04	1.18	14.12	84.71	0.00	-0	-10.0000	-4	-25.6500	28	18.1943	0	
CBOE EDGX Exchange (EDGA)	4.15	0.00	70.00	30.00	0.00	0		-47	-24.3284	2	17.0000	0	
Virtu Financial Inc. (NITE)	3.38	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CBOE BZX Exchange (BATS)	2.73	0.00	89.13	10.87	0.00	0		-28	-30.0000	0	15.0000	0	
CBOE BYX Exchange (BYXX)	2.07	0.00	25.71	74.29	0.00	0		-0	-1.8162	-8	-19.0000	0	
Credit Suisse Securities (USA) (FBCO)	1.48	0.00	100.00	0.00	0.00	0		0		0		0	
Jane Street Execution Services (JSES)	1.19	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
NYSE American (AMEX)	0.77	0.00	53.85	46.15	0.00	0		-4	-26.0000	0		0	
Hudson River Trading (HRTX)	0.53	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IMC (IMCS)	0.53	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Nasdaq PSX	0.41	0.00	100.00	0.00	0.00	0		-0	-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)
(XPSX)													
CODA (PDQM)	0.18	0.00	100.00	0.00	0.00	0		0		0		0	
NYSE National (XNYS)	0.12	0.00	100.00	0.00	0.00	0		-0	-5.0000	0		0	
Nasdaq BX (NSBX)	0.12	0.00	100.00	0.00	0.00	0		-0	-7.0000	0		0	

### Material Aspects:

Nasdaq Stock Market (ILND):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

IBKR ATS (IBKR):

IBKR operates the IBKR ATS in accordance with SEC Regulation ATS, on which it executes IBKR client orders against each other or against one or more professional liquidity providers who send orders into the IBKR ATS. Order executions on the IBKR ATS are faster, eliminate exchange fees, and may offer Price Improvement

NYSE Arca (ARCA):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

New York Stock Exchange (NYSE):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

CBOE EDGX Exchange (EDGA):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

CBOE BZX Exchange (BATS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

CBOE BYX Exchange (BYXX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

NYSE American (AMEX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Nasdaq PSX (XPSX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

NYSE National (XNYS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Nasdaq BX (NSBX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

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## May 2020

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.00	11.88	88.12	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)
NYSE Arca Options (PSEX)	21.29	0.00	4.65	95.35	0.00	0		-36	-49.0000	101	75.0000	0	
Chicago Board Options Exchange (CBOE)	19.31	0.00	12.82	87.18	0.00	0		-4	-7.1300	45	9.7500	0	
Cboe BZX Options Exchange (BATS)	19.31	0.00	10.26	89.74	0.00	0		-32	-52.9167	34	85.0000	0	
Cboe EDGX Options Exchange (EDGO)	8.42	0.00	23.53	76.47	0.00	0		5	21.0000	8	21.0000	0	
Nasdaq BX Options (NASD)	7.92	0.00	25.00	75.00	0.00	0		-41	-47.4483	123	48.0000	0	
BOX Exchange (BOEX)	5.94	0.00	0.00	100.00	0.00	0		0		0	0.0000	0	
Nasdaq PHLX (PHLX)	5.45	0.00	9.09	90.91	0.00	0		0	0.0000	1	10.0000	0	
NYSE American Options (AMEX)	4.46	0.00	11.11	88.89	0.00	0		0	12.0000	0		0	
Nasdaq ISE (ISEX)	3.47	0.00	14.29	85.71	0.00	0		-4	-41.0000	22	86.0000	0	
Nasdaq GEMX (GMNI)	2.97	0.00	33.33	66.67	0.00	0		-53	-48.0000	0		0	
MIAX Options Exchange (MIAX)	0.50	0.00	0.00	100.00	0.00	0		0		0		0	
MIAX PEARL (MPRL)	0.50	0.00	0.00	100.00	0.00	0		0		0		0	
MIAX Emerald Exchange (EMLD)	0.50	0.00	0.00	100.00	0.00	0		0		0		0	

### Material Aspects:

NYSE Arca Options (PSEX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Chicago Board Options Exchange (CBOE):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Cboe BZX Options Exchange (BATS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Cboe EDGX Options Exchange (EDGO):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Nasdaq BX Options (NASD):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**BOX Exchange (BOEX):**

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. IBKR may receive volume discounts that are not passed on to clients

**Nasdaq PHLX (PHLX):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**NYSE American Options (AMEX):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**Nasdaq ISE (ISEX):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**Nasdaq GEMX (GMNI):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**MIAX Options Exchange (MIAX):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**MIAX PEARL (MPRL):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

**MIAX Emerald Exchange (EMLD):**

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

## June 2020

### S&P 500 Stocks

**Summary**

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.00	21.79	78.21	0.00

**Venues**

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
New York Stock Exchange (NYSE)	46.87	0.00	1.27	98.73	0.00	0		-6	-28.5000	9	18.7851	0	
Nasdaq Stock Market (ILND)	32.54	0.00	9.17	90.83	0.00	0		-12	-29.3538	13	30.0000	0	
IBKR ATS (IBKR)	4.18	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities (CDRG)	3.58	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IEX (IEXD)	2.69	0.00	66.67	33.33	0.00	0		-0	-9.0000	0		0	
UBS ATS (UBSS)	2.39	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Virtu Financial Inc.	2.09	0.00	100.00	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)
(NITE)													
CBOE EDGX Exchange (EDGA)	1.49	0.00	100.00	0.00	0.00	0		-3	-26.5404	0		0	
CBOE BYX Exchange (BYXX)	1.49	0.00	0.00	100.00	0.00	0		0		0		0	
Hudson River Trading (HRTX)	0.90	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
NYSE Arca (ARCA)	0.60	0.00	100.00	0.00	0.00	0		-2	-30.0000	0		0	
CBOE BZX Exchange (BATS)	0.60	0.00	100.00	0.00	0.00	0		-1	-30.0000	0		0	
Nasdaq PSX (XPSX)	0.30	0.00	100.00	0.00	0.00	0		-0	-30.0000	0		0	
Jane Street Execution Services (JSES)	0.30	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	

#### Material Aspects:

##### New York Stock Exchange (NYSE):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

##### Nasdaq Stock Market (ILND):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

##### IBKR ATS (IBKR):

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##### CBOE EDGX Exchange (EDGA):

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##### CBOE BYX Exchange (BYXX):

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##### NYSE Arca (ARCA):

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##### CBOE BZX Exchange (BATS):

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##### Nasdaq PSX (XPSX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

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## June 2020

### 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	0.14	51.10	48.75	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 (ILND)	47.07	0.10	17.64	82.26	0.00	0		-221	-30.0000	781	28.5042	0	
NYSE Arca (ARCA)	7.20	0.00	65.33	34.67	0.00	0		-97	-30.0000	44	19.0859	0	
Citadel Securities (CDRG)	5.85	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGA)	5.76	0.00	74.17	25.83	0.00	0		-58	-24.0276	2	17.0000	0	
UBS ATS (UBSS)	5.42	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IBKR ATS (IBKR)	5.23	0.00	95.41	4.59	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	5.09	0.00	91.51	8.49	0.00	0		-3	-8.5101	-0	-3.0000	0	
New York Stock Exchange (NYSE)	4.27	2.25	11.24	86.52	0.00	-4	-10.0000	-3	-23.0333	34	17.0116	0	
CBOE BZX Exchange (BATS)	3.60	0.00	100.00	0.00	0.00	0		-43	-30.0000	0		0	
Virtu Financial Inc. (NITE)	3.26	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CBOE BYX Exchange (BYXX)	2.21	0.00	28.26	71.74	0.00	0		4	5.0000	0		0	
Credit Suisse Securities (USA) (FBCO)	1.39	0.00	100.00	0.00	0.00	0		0		0		0	
Jane Street Execution Services (JSES)	1.34	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Hudson River Trading (HRTX)	0.72	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
IMC (IMCS)	0.72	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
CODA (PDQM)	0.34	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
Nasdaq BX (NSBX)	0.19	0.00	100.00	0.00	0.00	0		-0	-7.0000	0		0	
NYSE American	0.14	0.00	33.33	66.67	0.00	0		-0	-26.0000	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)
(AMEX)													
Nasdaq PSX (XPSX)	0.14	0.00	100.00	0.00	0.00	0		-2	-30.0000	0		0	
NYSE National (XNYS)	0.05	0.00	100.00	0.00	0.00	0		-0	-5.0000	0		0	

### Material Aspects:

#### Nasdaq Stock Market (ILND):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### NYSE Arca (ARCA):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### CBOE EDGX Exchange (EDGA):

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#### IBKR ATS (IBKR):

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#### New York Stock Exchange (NYSE):

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#### CBOE BZX Exchange (BATS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### CBOE BYX Exchange (BYXX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### Nasdaq BX (NSBX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

#### NYSE American (AMEX):

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#### Nasdaq PSX (XPSX):

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#### NYSE National (XNYS):

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## June 2020

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.00	17.85	82.15	0.00

### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Cboe BZX Options Exchange (BATS)	25.59	0.00	6.58	93.42	0.00	0		-57	-59.8438	183	77.6398	0	
Chicago Board Options Exchange (CBOE)	19.19	0.00	10.53	89.47	0.00	0		6	5.6743	204	23.9779	0	
NYSE Arca Options (PSEX)	16.50	0.00	6.12	93.88	0.00	0		-6	-59.8000	142	62.6652	0	
Nasdaq ISE (ISEX)	11.78	0.00	8.57	91.43	0.00	0		-21	-29.2857	108	86.0000	0	
Nasdaq PHLX (PHLX)	7.41	0.00	27.27	72.73	0.00	0		7	10.0000	4	10.0000	0	
Nasdaq BX Options (NASD)	4.38	0.00	61.54	38.46	0.00	0		-80	-46.9235	0		0	
Cboe EDGX Options Exchange (EDGO)	4.38	0.00	46.15	53.85	0.00	0		17	21.0000	53	21.0000	0	
Nasdaq GEMX (GMNI)	3.37	0.00	20.00	80.00	0.00	0		-23	-57.2500	0		0	
NYSE American Options (AMEX)	3.03	0.00	33.33	66.67	0.00	0		0	0.0000	0		0	
MIAX PEARL (MPRL)	1.35	0.00	75.00	25.00	0.00	0		38	68.8182	0		0	
Nasdaq MRX (MCRY)	1.01	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	
BOX Exchange (BOEX)	1.01	0.00	66.67	33.33	0.00	0		5	20.0000	0		0	
MIAX Options Exchange (MIAX)	1.01	0.00	100.00	0.00	0.00	0		0	0.0000	0		0	

#### Material Aspects:

Cboe BZX Options Exchange (BATS):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Chicago Board Options Exchange (CBOE):

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NYSE Arca Options (PSEX):

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Nasdaq ISE (ISEX):

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Nasdaq PHLX (PHLX):

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Nasdaq BX Options (NASD):

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Cboe EDGX Options Exchange (EDGO):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Nasdaq GEMX (GMNI):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

NYSE American Options (AMEX):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

MIAX PEARL (MPRL):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

Nasdaq MRX (MCRY):

IBKR may receive volume discounts that are not passed on to clients. Likewise, rebates passed on to clients by IBKR may be less than the rebates IBKR receives from the relevant market

BOX Exchange (BOEX):

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.

IBKR may receive volume discounts that are not passed on to clients

MIAX Options Exchange (MIAX):

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