

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

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2nd Quarter, 2021

April 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
100.00	0.00	95.17	4.83	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)
IBKR ATS (IATS)	24.15		25.38	0.00		0		0	0.0000	0		0	
IEX (IEXG)	14.01		14.21	10.00		0		-1	-3.8841	0		0	
Nasdaq Stock Market (XNAS)	13.53		10.15	80.00		0		-11	-28.1008	0	30.0000	0	
UBS ATS (UBSA)	11.11		11.68	0.00		0		0	0.0000	0		0	
Hudson River Trading (HRTX)	6.76		7.11	0.00		0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	5.80		6.09	0.00		0		-14	-28.0000	0		0	
Virtu Financial Inc. (VIRT)	5.31		5.58	0.00		0		0	0.0000	0		0	
NYSE Arca (ARCX)	3.38		3.55	0.00		0		-6	-30.0000	0		0	
Citadel Securities "PRO" (CDRG)	2.90		3.05	0.00		0		0	0.0000	0		0	
New York Stock Exchange (XNYS)	2.90		2.54	10.00		0		-3	-28.5000	0		0	
Jane Street Execution Services (JSJS)	1.45		1.52	0.00		0		0	0.0000	0		0	

### Material Aspects:

IBKR ATS (IATS):

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. Statistical information regarding the quality of executions for orders effected through the IBKR ATS (e.g., average execution speed, percentage of orders receiving Price Improvement, etc.) is available on the IBKR website at: <https://ibkr.com/regulatoryreports>.

**Nasdaq Stock Market (XNAS):**

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. For example, IBKR may receive enhanced rebate payments for exceeding volume thresholds on particular markets, but typically will not pass these enhancements directly to clients.

**CBOE EDGX Exchange (EDGX):**

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**Virtu Financial Inc. (VIRT):**

IBKR-LITE clients are generally charged zero commission for NMS stock and ETF orders. IBKR-LITE orders are generally 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 for trades executed with that Market Maker.

**NYSE Arca (ARCX):**

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**New York Stock Exchange (XNYS):**

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**Jane Street Execution Services (JSES):**

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## April 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
100.00	0.00	75.69	24.31	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)	29.98		12.61	84.07		0		-399	-29.9684	243	27.1002	0	
IBKR ATS (IATS)	13.31		17.45	0.43		0		0	0.0000	0	0.0000	0	
IEX (IEXD)	8.26		10.78	0.43		0		-5	-1.8744	0	0.0000	0	
CBOE EDGX Exchange (EDGX)	7.50		9.18	2.28		0		-373	-27.9802	3	26.0000	0	
UBS ATS (UBSA)	6.98		9.23	0.00		0		0	0.0000	0		0	
NYSE Arca (ARCX)	6.95		8.59	1.85		0		-273	-29.8573	5	23.7517	0	
New York Stock Exchange (XNYS)	4.43		2.74	9.67		0		-96	-28.5000	29	18.6195	0	
Citadel Securities "PRO" (CDRG)	4.05		5.34	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)
CBOE BZX Exchange (BATS)	3.28		4.20	0.43		0		-62	-29.8795	2	18.9017	0	
Virtu Financial Inc. (VIRT)	2.87		3.79	0.00		0		0	0.0000	0		0	
MEMX LLC (MEMX)	2.56		3.38	0.00		0		-63	-25.9116	0		0	

### Material Aspects:

#### Nasdaq Stock Market (XNAS):

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#### IBKR ATS (IATS):

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. 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>.

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

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#### Virtu Financial Inc. (VIRT):

IBKR-LITE clients are generally charged zero commission for NMS stock and ETF orders. IBKR-LITE orders are generally 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 for trades executed with that Market Maker.

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## April 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
100.00	0.00	50.00	50.00	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)
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Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Nasdaq MRX (MCRY)	50.00		100.00	0.00		0		0	0.0000	0		0	
Cboe BZX Options Exchange (BATS)	50.00		0.00	100.00		0		0		3	85.0000	0	

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Nasdaq MRX (MCRY):

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## May 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
100.00	0.00	91.43	8.57	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)
IBKR ATS (IATS)	24.08		26.34	0.00		0		0	0.0000	0		0	
IEX (IEXG)	15.51		16.96	0.00		0		-1	-6.1364	0		0	
UBS ATS (UBSA)	11.84		12.95	0.00		0		0	0.0000	0		0	
New York Stock Exchange (XNYS)	9.39		1.79	90.48		0		-1	-28.5000	0		0	
Citadel Securities "PRO" (CDRG)	8.57		9.38	0.00		0		0	0.0000	0		0	
Nasdaq Stock Market (XNAS)	7.35		7.14	9.52		0		-10	-29.3033	0		0	
Virtu Financial Inc. (VIRT)	6.53		7.14	0.00		0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	4.49		4.91	0.00		0		-6	-28.0000	0		0	
NYSE Arca	2.86		3.12	0.00		0		-8	-29.0310	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)
(ARCX)													

#### Material Aspects:

##### IBKR ATS (IATS):

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## May 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
100.00	0.00	83.48	16.52	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)	25.60		14.33	82.56		0		-729	-29.6780	426	28.3699	0	
IBKR ATS (IATS)	12.90		15.45	0.00		0		0	0.0000	0		0	
CBOE EDGX Exchange (EDGX)	9.06		9.94	4.62		0		-475	-27.4971	3	14.6196	0	
IEX (IEXD)	8.74		10.41	0.30		0		-19	-6.4685	0		0	

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UBS ATS (UBSA)	7.85		9.41	0.00		0		0	0.0000	0		0	
NYSE Arca (ARCX)	6.55		7.73	0.60		0		-286	-29.9322	10	25.0000	0	
Citadel Securities "PRO" (CDRG)	4.85		5.81	0.00		0		0	0.0000	0		0	
MEMX LLC (MEMX)	3.89		4.66	0.00		0		-126	-26.0000	0		0	
New York Stock Exchange (XNYS)	3.82		2.57	10.13		0		-69	-28.2008	42	19.3256	0	
CBOE BZX Exchange (BATS)	2.90		3.48	0.00		0		-98	-29.9971	0		0	
Virtu Financial Inc. (VIRT)	2.90		3.48	0.00		0		0	0.0000	0		0	
Hudson River Trading (HRTX)	2.02		2.42	0.00		0		0	0.0000	0		0	

#### Material Aspects:

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**May 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
100.00	0.00	40.00	60.00	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)
Nasdaq GEMX (GMNI)	40.00		0.00	66.67		0		0		8	80.0000	0	
Nasdaq ISE (XISX)	20.00		0.00	33.33		0		0		9	86.0000	0	
BOX Exchange (XBOX)	20.00		50.00	0.00		0		4	77.0000	0		0	
NYSE Arca Options (ARCO)	20.00		50.00	0.00		0		-4	-85.0000	0		0	

## Material Aspects:

### Nasdaq GEMX (GMNI):

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### Nasdaq ISE (XISX):

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### 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.

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### NYSE Arca Options (ARCO):

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## June 2021

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## 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	86.20	13.64	0.17

### 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)
IBKR ATS (IATS)	25.42		29.49	0.00	0.00	0		0	0.0000	0		0	
New York Stock Exchange (XNYS)	14.98		2.93	91.36	0.00	0		-6	-20.3515	0		0	
IEX (IEXD)	12.46		14.45	0.00	0.00	0		-3	-7.0174	0		0	
UBS ATS (UBSA)	10.10		11.72	0.00	0.00	0		0	0.0000	0		0	
Nasdaq Stock Market (XNAS)	7.58		8.01	3.70	100.00	0		-22	-29.9167	3	28.9091	0	0.0000
CBOE EDGX Exchange (EDGX)	4.21		4.49	2.47	0.00	0		-11	-27.9392	0		0	
Virtu Financial Inc. (VIRT)	4.04		4.69	0.00	0.00	0		0	0.0000	0		0	
XTX Execution Services LLC (XTXE)	2.86		3.32	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	2.69		3.12	0.00	0.00	0		0	0.0000	0		0	
Hudson River Trading (HRTX)	2.69		3.12	0.00	0.00	0		0	0.0000	0		0	
NYSE Arca (ARCX)	2.36		2.73	0.00	0.00	0		-6	-30.0000	0		0	
MEMX LLC (MEMX)	1.68		1.95	0.00	0.00	0		-3	-26.0000	0		0	

#### Material Aspects:

##### IBKR ATS (IATS):

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. 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):

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. For example, IBKR may receive enhanced rebate payments for exceeding volume thresholds on particular markets, but typically will not pass these enhancements directly to clients.

##### Nasdaq Stock Market (XNAS):

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

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##### Virtu Financial Inc. (VIRT):

IBKR-LITE clients are generally charged zero commission for NMS stock and ETF orders. IBKR-LITE orders are generally 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 for trades executed with that Market Maker.

##### NYSE Arca (ARCX):

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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	0.00	89.70	10.25	0.05

### 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)	19.29		13.01	74.33	0.00	0		-778	-29.1050	127	24.4112	0	
IBKR ATS (IATS)	13.90		15.46	0.36	0.00	0		0	0.0000	0	0.0000	0	
IEX (IEXD)	9.39		10.31	1.43	0.00	0		-33	-7.2155	-0	-9.0000	0	
CBOE EDGX Exchange (EDGX)	9.30		9.78	5.17	0.00	0		-741	-27.8667	3	26.0000	0	
UBS ATS (UBSA)	8.40		9.37	0.00	0.00	0		0	0.0000	0		0	
NYSE Arca (ARCX)	6.76		7.13	3.57	0.00	0		-556	-29.3363	4	17.9185	0	
Virtu Financial Inc. (VIRT)	5.57		6.21	0.00	0.00	0		0	0.0000	0		0	
Citadel Securities "PRO" (CDRG)	4.48		4.99	0.00	0.00	0		0	0.0000	0		0	
MEMX LLC (MEMX)	3.95		4.40	0.00	0.00	0		-159	-23.5856	0		0	
New York Stock Exchange (XNYS)	3.09		2.00	12.12	100.00	0		-55	-28.7687	22	17.0719	0	0.0000
CBOE BZX Exchange (BATS)	2.69		2.99	0.00	0.00	0		-91	-29.8804	0		0	
Crossfinder (CAES)	2.23		2.48	0.00	0.00	0		1	10.0000	0		0	
CBOE EDGA Exchange (EDGA)	2.21		2.38	0.71	0.00	0		34	15.8169	-6	-30.0000	0	

### Material Aspects:

#### Nasdaq Stock Market (XNAS):

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#### IBKR ATS (IATS):

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#### CBOE EDGX Exchange (EDGX):

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**NYSE Arca (ARCX):**

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**Virtu Financial Inc. (VIRT):**

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**New York Stock Exchange (XNYS):**

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**CBOE BZX Exchange (BATS):**

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**CBOE EDGA Exchange (EDGA):**

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## June 2021

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**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	57.14	42.86	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 GEMX (GMNI)	28.57		25.00	33.33		0		-3	-85.0000	0		0	
Nasdaq MRX (MCRY)	28.57		50.00	0.00		0		13	67.1900	0		0	
Nasdaq ISE (XISX)	14.29		0.00	33.33		0		0		0		0	
NYSE Arca Options (ARCO)	14.29		0.00	33.33		0		0		0		0	
MIAX Emerald Exchange (EMLD)	14.29		25.00	0.00		0		-39	-85.0000	0		0	

**Material Aspects:****Nasdaq GEMX (GMNI):**

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**Nasdaq MRX (MCRY):**

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Nasdaq ISE (XISX):

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NYSE Arca Options (ARCO):

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MIAX Emerald Exchange (EMLD):

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