

# CAMBRIDGE INVESTMENT RESEARCH - Held NMS Stocks and Options Order Routing Public Report

Generated on Tue Jul 15 2025 10:26:28 GMT-0500 (Central Daylight Time)

2nd Quarter, 2025

April 2025

## 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	95.22	1.27	3.12	0.39

### 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)
Citadel Securities LLC (CDRG)	24.92	27.50	20.51	5.47	46.15	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	19.23	21.32	15.58	3.95	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	17.28	19.04	15.78	3.68	44.23	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	12.04	13.62	12.82	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	7.20	7.96	6.31	1.57	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	6.93	7.67	7.69	1.30	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
NASDAQ Execution Services, LLC (NSDQ)	4.88	0.01	14.79	40.82	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
New York Stock Exchange (NYSE)	4.44	0.00	3.35	38.51	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	2.09	2.29	1.97	0.52	7.69	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities,	0.42	0.45	0.59	0.12	1.92	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
LLC (UBSS)													

Material Aspects:

Citadel Securities LLC (CDRG):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

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VIRTU Americas, LLC (NITE):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

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Jane Street Capital, LLC (JNST):  
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HRT FINANCIAL LP (HRTF):  
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NASDAQ Execution Services, LLC (NSDQ):  
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New York Stock Exchange (NYSE):  
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Two Sigma Securities, LLC (SOHO):  
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UBS Securities, LLC (UBSS):  
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April 2025

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	97.61	0.84	1.46	0.09

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)
Citadel Securities LLC (CDRG)	23.74	24.21	17.43	7.69	59.57	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	23.27	23.75	36.27	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	18.43	18.87	14.99	3.74	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	16.10	16.46	12.16	3.91	29.79	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	6.64	6.79	4.56	1.87	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	6.50	6.65	5.98	1.35	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	2.14	2.18	1.62	0.56	2.13	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	0.66	0.64	4.86	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
NASDAQ Execution Services, LLC (NSDQ)	0.52	0.00	0.61	20.11	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
New York Stock Exchange (NYSE)	0.46	0.00	0.30	18.03	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

#### Material Aspects:

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Jane Street Capital, LLC (JNST):

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Instinet BlockCross (BLKX):  
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New York Stock Exchange (NYSE):  
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## April 2025

### Option Contracts

#### 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	62.97	4.86	31.74	0.43

#### 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)
Citadel Securities LLC (CDRG)	32.02	33.19	34.55	29.86	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Dash Financial Technologies LLC (DASH)	26.66	24.57	25.45	30.09	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Susquehanna Capital Group (SUSQ)	19.28	28.16	29.09	4.07	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Wolverine Execution Services LLC (WEXX)	14.17	4.17	7.27	30.77	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Morgan Stanley & Company LLC (MSCO)	6.37	7.90	3.64	4.30	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	1.51	2.01	0.00	0.90	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

#### Material Aspects:

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Dash Financial Technologies LLC (DASH):  
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Susquehanna Capital Group (SUSQ):  
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Wolverine Execution Services LLC (WEXX):  
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Morgan Stanley & Company LLC (MSCO):  
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Jane Street Capital, LLC (JNST):  
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## May 2025

### 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	96.62	0.83	2.18	0.38

#### 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)
Citadel Securities LLC (CDRG)	26.38	27.70	25.20	6.67	52.31	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	19.15	20.23	15.60	4.79	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	18.10	19.06	14.80	4.13	35.38	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	13.99	14.94	20.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	7.60	7.99	8.40	2.09	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	6.90	7.33	3.60	1.43	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
NASDAQ Execution Services, LLC (NSDQ)	2.58	0.00	4.00	39.61	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
New York Stock Exchange (NYSE)	2.26	0.00	2.40	34.82	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	1.86	1.94	4.00	0.50	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	0.68	0.67	1.60	0.22	12.31	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

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New York Stock Exchange (NYSE):  
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# May 2025

## 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	97.46	0.97	1.36	0.20

## 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)
Citadel Securities LLC (CDRG)	24.15	24.72	16.97	5.25	54.21	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	23.90	24.42	38.30	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	17.47	17.92	14.04	3.55	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	16.13	16.47	13.60	3.60	41.12	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	6.82	7.00	5.66	1.05	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	6.27	6.44	4.90	1.25	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	1.65	1.70	0.65	0.25	1.87	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	0.69	0.70	0.44	0.15	2.80	0	0.0000	0	0.0000	0	0.0000	0	0.0000
New York Stock Exchange (NYSE)	0.66	0.00	0.54	24.66	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	0.63	0.62	2.83	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

## Material Aspects:

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Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

UBS Securities, LLC (UBSS):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

New York Stock Exchange (NYSE):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Instinet BlockCross (BLKX):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

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May 2025

Option Contracts

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	69.27	3.62	26.90	0.21

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)
Citadel Securities LLC (CDRG)	32.50	34.02	40.35	28.57	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Dash Financial Technologies LLC (DASH)	26.99	23.36	19.30	35.10	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Susquehanna Capital Group (SUSQ)	22.85	32.38	24.56	3.67	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Wolverine Execution Services LLC (WEXX)	12.34	5.23	7.02	27.14	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Morgan Stanley & Company LLC (MSCO)	3.74	3.69	3.51	3.88	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	1.38	1.33	1.75	1.43	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Interactive	0.20	0.00	3.51	0.20	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000



Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Brokers LLC (IBKR)													

Material Aspects:

Citadel Securities LLC (CDRG):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Dash Financial Technologies LLC (DASH):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Susquehanna Capital Group (SUSQ):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Wolverine Execution Services LLC (WEXX):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Morgan Stanley & Company LLC (MSCO):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Jane Street Capital, LLC (JNST):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Interactive Brokers LLC (IBKR):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

June 2025

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	96.08	0.90	2.47	0.55

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)
Citadel Securities LLC (CDRG)	28.35	29.91	25.95	7.33	41.80	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	18.88	19.82	19.85	4.31	52.46	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
G1 Execution Services, LLC (ETMM)	16.55	17.51	16.79	4.87	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	12.18	13.00	7.63	2.77	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	12.16	13.07	19.47	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	3.82	4.05	2.67	1.08	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
New York Stock Exchange (NYSE)	2.67	0.00	1.15	38.08	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
NASDAQ Execution Services, LLC (NSDQ)	2.42	0.00	4.96	33.98	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	1.24	1.31	1.15	0.15	4.10	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	1.20	1.28	0.00	0.26	1.64	0	0.0000	0	0.0000	0	0.0000	0	0.0000

#### Material Aspects:

Citadel Securities LLC (CDRG):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

VIRTU Americas, LLC (NITE):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

G1 Execution Services, LLC (ETMM):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

HRT FINANCIAL LP (HRTF):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

National Financial Services LLC (XSTM):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Jane Street Capital, LLC (JNST):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

New York Stock Exchange (NYSE):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

NASDAQ Execution Services, LLC (NSDQ):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

UBS Securities, LLC (UBSS):  
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Two Sigma Securities, LLC (SOHO):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

June 2025

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	97.10	0.95	1.59	0.36

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)
Citadel Securities LLC (CDRG)	25.41	25.91	21.20	7.66	58.79	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	23.27	23.90	35.54	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	16.98	17.35	14.10	4.34	33.17	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	14.87	15.26	13.01	4.20	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	10.59	10.90	7.83	2.57	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	3.58	3.66	3.01	1.35	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	1.17	1.18	0.72	0.61	4.52	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	1.10	1.12	0.72	0.37	3.52	0	0.0000	0	0.0000	0	0.0000	0	0.0000
NASDAQ Execution Services, LLC (NSDQ)	0.67	0.00	0.00	23.06	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	0.51	0.51	1.33	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

Citadel Securities LLC (CDRG):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

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VIRTU Americas, LLC (NITE):  
Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

G1 Execution Services, LLC (ETMM):  
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HRT FINANCIAL LP (HRTF):  
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Jane Street Capital, LLC (JNST):  
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Two Sigma Securities, LLC (SOHO):  
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NASDAQ Execution Services, LLC (NSDQ):  
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Instinet BlockCross (BLKX):  
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June 2025

Option Contracts

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	67.26	3.19	28.93	0.61

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	35.03	37.77	36.54	30.42	100.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Dash Financial Technologies LLC (DASH)	24.50	19.62	25.00	32.11	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Susquehanna Capital Group (SUSQ)	21.71	32.12	28.85	5.21	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Wolverine Execution Services LLC (WEXX)	14.40	4.84	5.77	29.86	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	3.06	4.74	1.92	0.56	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Morgan Stanley & Company LLC (MSCO)	1.29	0.91	1.92	1.83	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

#### Material Aspects:

Citadel Securities LLC (CDRG):

Cambridge Investment Research routes all of its SEC Rule 606 eligible orders to its clearing firm, National Financial Services LLC, and does not receive any payment for order flow from the venues listed in this disclosure. For additional information about National Financial LLC's payment for order flow practices, please see the SEC Rule 606 disclosure for its parent entity, Fidelity Brokerage Services LLC

Dash Financial Technologies LLC (DASH):

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Susquehanna Capital Group (SUSQ):

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Wolverine Execution Services LLC (WEXX):

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Jane Street Capital, LLC (JNST):

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Morgan Stanley & Company LLC (MSCO):

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