

ALNC - Held NMS Stocks and Options Order Routing Public Report

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4th Quarter, 2024

October 2024

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	36.34	0.47	1.48	61.71

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)
INTL FCSTONE SECURITIES INC. (INTL)	33.89	31.11	61.54	56.10	34.78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	33.35	34.29	7.69	0.00	33.78	-3.2760	-0.3061	0.0000	0.0000	0.0000	0.0000	-1.1040	-0.5883
CODA (CODA)	32.33	34.59	30.77	43.90	30.74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas (NITE) (NITE)	0.43	0.00	0.00	0.00	0.70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

INTL FCSTONE SECURITIES INC. (INTL):
INTL is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from INTL for directing order flow to this venue in an amount of up to \$0.003 per share. The Firm does not receive payment from INTL when our Clearing Firm(s) direct order flow to this venue.

Citadel Securities (CDRG):
CDRG is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CDRG for directing order flow to this venue in an amount of up to \$0.001 per share. The Firm does not receive payment from CDRG when our Clearing Firm(s) direct order flow to this venue.

CODA (CODA):
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Virtu Americas (NITE) (NITE):
The Firm does not receive payment from NITE for directing order flow to this venue, and does not receive payment from NITE when our Clearing Firm(s) direct order flow to this venue.

October 2024

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	50.20	7.74	3.25	38.81

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)
INTL FCSTONE SECURITIES INC. (INTL)	34.62	33.18	38.05	67.96	33.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CODA (CODA)	32.61	34.11	27.61	31.49	31.76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	31.91	32.68	32.25	0.00	33.52	-42.4480	-0.4269	-3.9250	-0.1654	0.0000	0.0000	-16.1940	-0.3233
Virtu Americas (NITE) (NITE)	0.65	0.00	0.00	0.00	1.67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GTS Securities, LLC (GTSM)	0.07	0.00	0.93	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE EDGX (EDGX)	0.04	0.00	0.00	0.55	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Intelligent Cross LLC (INCR)	0.04	0.00	0.46	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
J.P. Morgan Securities LLC (JPMS)	0.04	0.00	0.46	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fidelity Dynamic Liquidity Man (FDLM)	0.02	0.04	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Morgan Stanley (MSPL)	0.02	0.00	0.23	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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Citadel Securities (CDRG):
CDRG is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CDRG for directing order flow to this venue in an amount of up to \$0.001 per share. The Firm does not receive payment from CDRG when our Clearing Firm(s) direct order flow to this venue.

Virtu Americas (NITE) (NITE):
The Firm does not receive payment from NITE for directing order flow to this venue, and does not receive payment from NITE when our Clearing Firm(s) direct order flow to this venue.

GTS Securities, LLC (GTSM):
GTSM is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm does not receive payment from GTSM for directing order flow to this venue, and does not receive payment from GTSM when our Clearing Firm(s) direct order flow to this venue.

CBOE EDGX (EDGX):
The Firm does not receive payment from EDGX for directing order flow to this venue, and does not receive payment from EDGX when our Clearing Firm(s) direct order flow to this venue.

Intelligent Cross LLC (INCR):
The Firm does not receive payment from INCR for directing order flow to this venue, and does not receive payment from INCR when our Clearing Firm(s) direct order flow to this venue.

J.P. Morgan Securities LLC (JPMS):
The Firm does not receive payment from JPMS for directing order flow to this venue, and does not receive payment from JPMS when our Clearing Firm(s) direct order flow to this venue.

Fidelity Dynamic Liquidity Man (FDLM):
FDLM is a proprietary intelligent order router used by National Financial Services (NFS), one of our Clearing Firms. The Firm does not receive payment from NFS when our they utilize FDLM for our options order flow.

Morgan Stanley (MSPL):
The Firm does not receive payment from MSPL for directing order flow to this venue, and does not receive payment from MSPL when our Clearing Firm(s) direct order flow to this venue.

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	28.50	0.00	67.80	3.70

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)
Fidelity Dynamic Liquidity Man (FDLM)	32.82	47.25	0.00	27.02	28.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, (WEXX)	17.11	1.66	0.00	23.96	10.40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	17.05	5.50	0.00	22.26	10.40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dash Financial (DFIN)	12.13	5.61	0.00	15.19	6.40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CES (CES1)	11.72	24.82	0.00	5.85	18.40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GEB (GEB1)	4.20	12.05	0.00	1.13	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MORGAN STANLEY & CO. LLC (MSCO)	3.20	3.01	0.00	3.45	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Susquehanna Capital Group (SUSQ)	0.71	0.00	0.00	1.05	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Global Execution Brokers (GEBB)	0.09	0.10	0.00	0.09	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GFI Securities LLC (GFIS)	0.03	0.00	0.00	0.00	0.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

Fidelity Dynamic Liquidity Man (FDLM):
FDLM is a proprietary intelligent order router used by National Financial Services (NFS), one of our Clearing Firms. The Firm does not receive payment from NFS when our they utilize FDLM for our options order flow.

WOLVERINE EXECUTION SERVICES, (WEXX):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from WEXX when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to WEXX.

Citadel Securities (CDRG):
CDRG is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CDRG for directing order flow to this venue in an amount of up to \$0.001 per share. The Firm does not receive payment from CDRG when our Clearing Firm(s) direct order flow to this venue.

Dash Financial (DFIN):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from DFIN when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to DFIN.

CES (CES1):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from CES when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to CES.

GEB (GEB1):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GEB when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GEB.

MORGAN STANLEY & CO. LLC (MSCO):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from MSCO when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to MSCO.

Susquehanna Capital Group (SUSQ):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from SUSQ when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to SUSQ.

Global Execution Brokers (GEBB):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GEBB when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GEBB.

GFI Securities LLC (GFIS):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GFIS when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GFIS.

November 2024

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	27.47	0.91	1.80	69.82

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)
INTL FCSTONE SECURITIES INC. (INTL)	33.83	32.65	38.24	53.73	33.73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CODA (CODA)	32.63	34.60	35.29	44.78	31.50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	32.14	32.75	26.47	1.49	32.77	-117.4020	-10.0000	-15.7400	-10.0000	-0.1500	-10.0000	-28.8740	-9.4310
Fidelity Dynamic Liquidity Man (FDLM)	0.56	0.00	0.00	0.00	0.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas (NITE) (NITE)	0.56	0.00	0.00	0.00	0.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
USCA Securities LLC (USCA)	0.27	0.00	0.00	0.00	0.38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

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Fidelity Dynamic Liquidity Man (FDLM):
FDLM is a proprietary intelligent order router used by National Financial Services (NFS), one of our Clearing Firms. The Firm does not receive payment from NFS when our they utilize FDLM for our options order flow.

Virtu Americas (NITE) (NITE):
The Firm does not receive payment from NITE for directing order flow to this venue, and does not receive payment from NITE when our Clearing Firm(s) direct order flow to this venue.

USCA Securities LLC (USCA):
The Firm does not receive payment from USCA for directing order flow to this venue, and does not receive payment from USCA when our Clearing Firm(s) direct order flow to this venue.

November 2024

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	49.19	5.01	2.58	43.22

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)
INTL FCSTONE SECURITIES INC. (INTL)	33.86	32.71	34.08	56.52	33.79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CODA (CODA)	32.49	33.90	27.36	42.03	30.91	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	32.23	33.09	38.31	1.45	32.38	-1,357.2070	-9.9946	-306.2510	-10.0000	-12.7500	-10.0000	-422.0830	-9.7501
Fidelity Dynamic Liquidity Man (FDLM)	0.70	0.25	0.00	0.00	1.33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas (NITE) (NITE)	0.47	0.00	0.00	0.00	1.10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-6.2700	-0.9651
USCA Securities LLC (USCA)	0.21	0.03	0.00	0.00	0.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GTS Securities, LLC (GTSM)	0.02	0.03	0.25	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas LLC. (VALR)	0.01	0.00	0.00	0.00	0.03	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.7188	-12.0000

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USCA Securities LLC (USCA):
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GTS Securities, LLC (GTSM):
GTSM is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm does not receive payment from GTSM for directing order flow to this venue, and does not receive payment from GTSM when our Clearing Firm(s) direct order flow to this venue.

Virtu Americas LLC. (VALR):
VALR is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from VALR for directing order flow to this venue in an amount of up to \$0.001 per share. The Firm does not receive payment from VALR when our Clearing Firm(s) direct order flow to this venue.

Options

Summary

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100.00	23.36	0.00	71.29	5.35

Venues

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Fidelity Dynamic Liquidity Man (FDLM)	36.18	47.93	0.00	32.92	28.29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	16.29	3.91	0.00	20.32	16.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, (WEXX)	15.66	2.23	0.00	19.66	20.98	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dash Financial (DFIN)	13.26	6.37	0.00	15.75	10.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CES (CES1)	10.99	22.91	0.00	7.03	11.71	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GEB (GEB1)	3.81	13.07	0.00	1.06	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MORGAN STANLEY & CO. LLC (MSCO)	2.30	2.68	0.00	2.12	2.93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Susquehanna Capital Group (SUSQ)	0.42	0.22	0.00	0.51	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Interactive Brokers Llc (IBKR)	0.34	0.11	0.00	0.37	0.98	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Global Execution Brokers (GEBB)	0.16	0.34	0.00	0.11	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

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Dash Financial (DFIN):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from DFIN when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to DFIN.

CES (CES1):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from CES when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to CES.

GEB (GEB1):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GEB when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GEB.

MORGAN STANLEY & CO. LLC (MSCO):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from MSCO when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to MSCO.

Susquehanna Capital Group (SUSQ):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from SUSQ when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to SUSQ.

Interactive Brokers Llc (IBKR):

The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from IBKR when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to IBKR.

Global Execution Brokers (GEBB):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GEBB when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GEBB.

December 2024

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	29.36	0.93	1.89	67.83

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)
INTL FCSTONE SECURITIES INC. (INTL)	33.20	32.52	38.46	50.94	32.93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	31.99	34.59	42.31	0.00	31.62	-95.4840	-9.8331	-18.6000	-10.0000	0.0000	0.0000	-20.6320	-9.2029
CODA (CODA)	30.96	31.19	19.23	49.06	30.51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fidelity Dynamic Liquidity Man (FDLM)	2.46	1.46	0.00	0.00	2.99	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas (NITE) (NITE)	0.89	0.00	0.00	0.00	1.31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.2520	-0.1598
USCA Securities LLC (USCA)	0.46	0.24	0.00	0.00	0.58	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Jane Street Capital, LLC. (JNST)	0.04	0.00	0.00	0.00	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

INTL FCSTONE SECURITIES INC. (INTL):
INTL is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from INTL for directing order flow to this venue in an amount of up to \$0.003 per share. The Firm does not receive payment from INTL when our Clearing Firm(s) direct order flow to this venue.

Citadel Securities (CDRG):
CDRG is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CDRG for directing order flow to this venue in an amount of up to \$0.001 per share. The Firm does not receive payment from CDRG when our Clearing Firm(s) direct order flow to this venue.

CODA (CODA):
CODA is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CODA for directing order flow to this venue in an amount of up to \$0.003 per share. The Firm does not receive payment from CODA when our Clearing Firm(s) direct order flow to this venue.

Fidelity Dynamic Liquidity Man (FDLM):
FDLM is a proprietary intelligent order router used by National Financial Services (NFS), one of our Clearing Firms. The Firm does not receive payment from NFS when our they utilize FDLM for our options order flow.

Virtu Americas (NITE) (NITE):
The Firm does not receive payment from NITE for directing order flow to this venue, and does not receive payment from NITE when our Clearing Firm(s) direct order flow to this venue.

USCA Securities LLC (USCA):
The Firm does not receive payment from USCA for directing order flow to this venue, and does not receive payment from USCA when our Clearing Firm(s) direct order flow to this venue.

Jane Street Capital, LLC. (JNST):
The Firm does not receive payment from JNST for directing order flow to this venue, and does not receive payment from JNST when our Clearing Firm(s) direct order flow to this venue.

December 2024

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	56.44	5.23	3.46	34.87

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)
INTL FCSTONE SECURITIES INC. (INTL)	32.89	32.88	34.76	60.37	29.89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CODA (CODA)	31.32	33.16	31.10	36.41	27.87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	30.88	31.86	34.15	3.23	31.53	-1,006.9770	-9.9281	-279.0850	-10.0000	-25.9850	-10.0000	-742.4230	-9.8951
Fidelity Dynamic Liquidity Man (FDLM)	2.57	1.55	0.00	0.00	4.85	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas (NITE) (NITE)	1.31	0.00	0.00	0.00	3.75	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-9.1440	-1.4149
USCA Securities LLC (USCA)	0.72	0.54	0.00	0.00	1.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Jane Street Capital, LLC. (JNST)	0.16	0.00	0.00	0.00	0.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
G1 Execution Services, LLC (ETMM)	0.13	0.00	0.00	0.00	0.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
HRT Financial LLC (HRTF)	0.02	0.00	0.00	0.00	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Two Sigma Securities, LLC (SOHO)	0.02	0.00	0.00	0.00	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

INTL FCSTONE SECURITIES INC. (INTL):
INTL is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from INTL for directing order flow to this venue in an amount of up to \$0.003 per share. The Firm does not receive payment from INTL when our Clearing Firm(s) direct order flow to this venue.

CODA (CODA):
CODA is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CODA for directing order flow to this venue in an amount of up to \$0.003 per share. The Firm does not receive payment from CODA when our Clearing Firm(s) direct order flow to this venue.

Citadel Securities (CDRG):
CDRG is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CDRG for directing order flow to this venue in an amount of up to \$0.001 per share. The Firm does not receive payment from CDRG when our Clearing Firm(s) direct order flow to this venue.

Fidelity Dynamic Liquidity Man (FDLM):
FDLM is a proprietary intelligent order router used by National Financial Services (NFS), one of our Clearing Firms. The Firm does not receive payment from NFS when our they utilize FDLM for our options order flow.

Virtu Americas (NITE) (NITE):
The Firm does not receive payment from NITE for directing order flow to this venue, and does not receive payment from NITE when our Clearing Firm(s) direct order flow to this venue.

USCA Securities LLC (USCA):
The Firm does not receive payment from USCA for directing order flow to this venue, and does not receive payment from USCA when our Clearing Firm(s) direct order flow to this venue.

Jane Street Capital, LLC. (JNST):
The Firm does not receive payment from JNST for directing order flow to this venue, and does not receive payment from JNST when our Clearing Firm(s) direct order flow to this venue.

G1 Execution Services, LLC (ETMM):
The Firm does not receive payment from ETMM for directing order flow to this venue, and does not receive payment from ETMM when our Clearing Firm(s) direct order flow to this venue.

HRT Financial LLC (HRTF):
The Firm does not receive payment from HRTF for directing order flow to this venue, and does not receive payment from HRTF when our Clearing Firm(s) direct order flow to this venue.

Two Sigma Securities, LLC (SOHO):
The Firm does not receive payment from SOHO for directing order flow to this venue, and does not receive payment from SOHO when our Clearing Firm(s) direct order flow to this venue.

December 2024

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	20.19	0.00	76.29	3.52

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)
Fidelity Dynamic Liquidity Man (FDLM)	36.23	49.74	0.00	32.37	42.26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, (WEXX)	18.60	2.91	0.00	22.81	17.26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Dash Financial (DFIN)	15.81	12.05	0.00	17.09	9.52	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities (CDRG)	14.68	1.35	0.00	18.41	10.12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CES (CES1)	8.49	20.98	0.00	5.00	12.50	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MORGAN STANLEY & CO. LLC (MSCO)	3.25	4.36	0.00	3.05	1.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GEB (GEB1)	2.16	8.52	0.00	0.55	0.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Susquehanna Capital Group (SUSQ)	0.48	0.10	0.00	0.58	0.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Global Execution Brokers (GEBB)	0.10	0.00	0.00	0.08	1.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GFI Securities LLC (GFIS)	0.04	0.00	0.00	0.00	1.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

Fidelity Dynamic Liquidity Man (FDLM):
FDLM is a proprietary intelligent order router used by National Financial Services (NFS), one of our Clearing Firms. The Firm does not receive payment from NFS when our they utilize FDLM for our options order flow.

WOLVERINE EXECUTION SERVICES, (WEXX):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from WEXX when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to WEXX.

Dash Financial (DFIN):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from DFIN when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to DFIN.

Citadel Securities (CDRG):
CDRG is an execution venue used by both the Firm and our Clearing Firm(s) to execute orders. The Firm may receive payment from CDRG for directing order flow to this venue in an amount of up to \$.001 per share. The Firm does not receive payment from CDRG when our Clearing Firm(s) direct order flow to this venue.

CES (CES1):
The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from CES when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to CES.

MORGAN STANLEY & CO. LLC (MSCO):

The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from MSCO when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to MSCO.

GEB (GEB1):

The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GEB when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GEB.

Susquehanna Capital Group (SUSQ):

The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from SUSQ when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to SUSQ.

Global Execution Brokers (GEBB):

The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GEBB when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GEBB.

GFI Securities LLC (GFIS):

The Firm routes 100% of its option orders to our Clearing Firm(s) and Liquidity Partners Bank of America (BOFA) and Matrix Executions (Matrix) for execution. The Firm does not receive payment from GFIS when our Clearing Firm(s) direct order flow to this venue, but may receive payment from BOFA or Matrix for directing order flow to GFIS.