

STATE STREET GLOBAL MARKETS, LLC - 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	100.00	0.00	0.00	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)
National Financial Services LLC (XSTM)	23.60	23.60	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	20.22	20.22	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	19.10	19.10	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	16.85	16.85	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	16.85	16.85	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	1.12	1.12	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	1.12	1.12	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	1.12	1.12	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:
National Financial Services LLC (XSTM):

State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

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October 2024

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
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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	100.00	0.00	0.00	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)
National Financial Services LLC (XSTM)	44.90	44.90	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	15.31	15.31	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	14.29	14.29	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	12.24	12.24	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	6.12	6.12	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	6.12	6.12	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	1.02	1.02	0.00	0.00	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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VIRTU Americas, LLC (NITE):
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October 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
0.00	0.00	0.00	0.00	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)

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

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	98.84	0.00	1.16	0.00

Venues

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Citadel Securities LLC (CDRG)	28.37	28.64	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	20.19	20.39	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	15.87	15.53	0.00	50.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	15.87	16.02	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	12.98	12.62	0.00	50.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	3.85	3.88	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
StoneX Financial INC. (INTL)	0.96	0.97	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	0.96	0.97	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	0.96	0.97	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

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Two Sigma Securities, LLC (SOHO):
State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

UBS Securities, LLC (UBSS):
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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	100.00	0.00	0.00	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)
National Financial Services LLC (XSTM)	33.33	33.33	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	27.27	27.27	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	11.11	11.11	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	10.10	10.10	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	8.08	8.08	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLXX)	5.05	5.05	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	2.02	2.02	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	1.01	1.01	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
StoneX Financial INC. (INTL)	1.01	1.01	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	1.01	1.01	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

National Financial Services LLC (XSTM):

State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

Citadel Securities LLC (CDRG):

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VIRTU Americas, LLC (NITE):

State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

G1 Execution Services, LLC (ETMM):

Jane Street Capital, LLC (JNST):
State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

Two Sigma Securities, LLC (SOHO): State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

StoneX Financial INC. (INTL):
State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However it is conceivable such credits could result in cash payments to the Broker.

UBS Securities, LLC (UBSS):
State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However it is conceivable such credits could result in cash payments to the Broker.

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
0.00	0.00	0.00	0.00	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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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	100.00	0.00	0.00	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)
Citadel Securities LLC (CDRG)	28.90	28.90	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
National Financial Services LLC (XSTM)	19.21	19.21	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	16.34	16.34	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	14.18	14.18	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	12.93	12.93	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	5.03	5.03	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	1.08	1.08	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	1.08	1.08	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
StoneX Financial INC. (INTL)	0.72	0.72	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	0.54	0.54	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

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	94.02	0.85	0.00	5.13

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)
National Financial Services LLC (XSTM)	30.55	31.34	40.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Citadel Securities LLC (CDRG)	22.67	21.14	20.00	0.00	75.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Instinet BlockCross (BLKX)	14.08	14.43	20.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
VIRTU Americas, LLC (NITE)	10.02	9.95	0.00	0.00	16.67	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Jane Street Capital, LLC (JNST)	9.55	9.95	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
G1 Execution Services, LLC (ETMM)	9.07	9.45	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
HRT FINANCIAL LP (HRTF)	2.86	2.74	20.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
Two Sigma Securities, LLC (SOHO)	0.72	0.75	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
StoneX Financial INC. (INTL)	0.24	0.25	0.00	0.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000
UBS Securities, LLC (UBSS)	0.24	0.00	0.00	0.00	8.33	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

National Financial Services LLC (XSTM):

Citadel Securities LLC (CDRG): State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

VIRTU Americas, LLC (NITE):
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G1 Execution Services, LLC (ETMM): State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Broker's order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

Two Sigma Securities, LLC (SOHO): State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Broker's order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.

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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	50.00	0.00	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 Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(USD)
Citadel Securities LLC (CDRG)	100.00	0.00	0.00	100.00	0.00	0	0.0000	0	0.0000	0	0.0000	0	0.0000

Material Aspects:

Citadel Securities LLC (CDRG):
State Street Global Markets, LLC (the Broker) does not receive payment for order flow or have a profit-sharing arrangement for routing equity orders (held only) to this venue/market maker. Please note, consistent with the requirements of Rule 606, the data above captures only a portion of the Brokers order flow. The Broker routes customer equity orders (not-held) to national securities exchanges, alternative trading systems, market centers and broker-dealers unaffiliated with the Broker. In exchange for the Broker routing equity orders to these execution venues, certain of these venues offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books while others offer cash credits for orders that extract liquidity from their books and charge explicit fees for orders that provide liquidity to their books. The credits are considered payment for order flow even though they may not offset the Broker's aggregate payment obligations to the venue. In any given month, the credits received by the Broker from a given venue may or may not exceed the debits charged to the Broker for such period. Typically, these order flow credits have resulted in the Broker receiving a credit against a portion of the expenses due from the Broker and do not result in any cash payments to the Broker. However, it is conceivable such credits could result in cash payments to the Broker.