

STATE STREET GLOBAL MARKETS, LLC - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2025

April 2025

S&P 500 Stocks

Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 100.00                                    | 100.00                                       | 0.00   | 0.00   | 0.00  |

Venues

| Venue -<br>Non-directed<br>Order Flow           | Non-<br>Directed<br>Orders (%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received for<br>Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received for<br>Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|--------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| Citadel<br>Securities LLC<br>(CDRG)             | 25.71                          | 25.71                   | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |
| G1 Execution<br>Services, LLC<br>(ETMM)         | 20.00                          | 20.00                   | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |
| National<br>Financial<br>Services LLC<br>(XSTM) | 20.00                          | 20.00                   | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |
| VIRTU<br>Americas, LLC<br>(NITE)                | 17.14                          | 17.14                   | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |
| HRT<br>FINANCIAL LP<br>(HRTF)                   | 7.14                           | 7.14                    | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |
| Jane Street<br>Capital, LLC<br>(JNST)           | 5.71                           | 5.71                    | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |
| Two Sigma<br>Securities, LLC<br>(SOHO)          | 4.29                           | 4.29                    | 0.00                              | 0.00                                      | 0.00                   | 0   | 0.0000  | 0  | 0.0000   | 0   | 0.0000  | 0  | 0.0000   |

Material Aspects:

Citadel Securities LLC (CDRG):

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 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.

National Financial Services LLC (XSTM):  
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Jane Street Capital, LLC (JNST):  
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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.

### Non-S&P 500 Stocks

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 100.00                                    | 73.08  | 11.54  | 15.38  | 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) | 31.58                   | 32.14             | 50.00                       | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| G1 Execution Services, LLC (ETMM)      | 15.79                   | 21.43             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Jane Street Capital, LLC (JNST)        | 15.79                   | 14.29             | 33.33                       | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Citadel Securities LLC (CDRG)          | 10.53                   | 14.29             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Cboe EDGX US Equities Exchange (EDGX)  | 10.53                   | 0.00              | 0.00                        | 100.00                          | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| HRT FINANCIAL LP (HRTF)                | 5.26                    | 3.57              | 16.67                       | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| VIRTU Americas, LLC (NITE)             | 5.26                    | 7.14              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Two Sigma Securities, LLC (SOHO)       | 5.26                    | 7.14              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |

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Cboe EDGX US Equities Exchange (EDGX):

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## April 2025

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### Options

#### Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 0.00                                      | 0.00   | 0.00   | 0.00   | 0.00  |

#### Venues

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

## May 2025

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### S&P 500 Stocks

#### Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>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                                 | 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) | 27.78                   | 27.78             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Citadel Securities LLC (CDRG)          | 22.22                   | 22.22             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| G1 Execution Services, LLC (ETMM)      | 17.59                   | 17.59             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| VIRTU Americas, LLC (NITE)             | 12.04                   | 12.04             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Instinet BlockCross (BLKX)             | 9.26                    | 9.26              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| HRT FINANCIAL LP (HRTF)                | 6.48                    | 6.48              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Jane Street Capital, LLC (JNST)        | 3.70                    | 3.70              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Two Sigma Securities, LLC (SOHO)       | 0.93                    | 0.93              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |

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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 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):

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.

Instinet BlockCross (BLKX):  
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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):  
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.

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                                 | 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) | 37.29                   | 37.29             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Citadel Securities LLC (CDRG)          | 23.73                   | 23.73             | 0.00                        | 0.00                            | 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) |
|-----------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--|---|--|---|--|---|---|--|
| Instinet BlockCross (BLKX)        | 10.17                   | 10.17             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| G1 Execution Services, LLC (ETMM) | 8.47                    | 8.47              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| HRT FINANCIAL LP (HRTF)           | 8.47                    | 8.47              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Jane Street Capital, LLC (JNST)   | 6.78                    | 6.78              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| VIRTU Americas, LLC (NITE)        | 5.08                    | 5.08              | 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):  
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Jane Street Capital, LLC (JNST):  
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VIRTU Americas, LLC (NITE):

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May 2025

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) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--|---|--|---|--|---|---|--|
|                                 |                         |                   |                             |                                 |                  |  |   |  |   |  |   |   |  |

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                                 | 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)          | 28.67                   | 28.67             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| National Financial Services LLC (XSTM) | 21.68                   | 21.68             | 0.00                        | 0.00                            | 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) |
|-----------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--|---|--|---|--|---|---|--|
| VIRTU Americas, LLC (NITE)        | 18.18                   | 18.18             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| HRT FINANCIAL LP (HRTF)           | 13.29                   | 13.29             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| G1 Execution Services, LLC (ETMM) | 12.59                   | 12.59             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Jane Street Capital, LLC (JNST)   | 3.50                    | 3.50              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| UBS Securities, LLC (UBSS)        | 1.40                    | 1.40              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Two Sigma Securities, LLC (SOHO)  | 0.70                    | 0.70              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |

#### Material Aspects:

Citadel Securities LLC (CDRG):

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G1 Execution Services, LLC (ETMM):

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Jane Street Capital, LLC (JNST):

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UBS Securities, LLC (UBSS):  
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Two Sigma Securities, LLC (SOHO):  
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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                                 | 97.73                                     | 2.27  | 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) | 37.50                   | 36.23             | 66.67                       | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Citadel Securities LLC (CDRG)          | 16.67                   | 17.39             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| G1 Execution Services, LLC (ETMM)      | 12.50                   | 11.59             | 33.33                       | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| VIRTU Americas, LLC (NITE)             | 12.50                   | 13.04             | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Jane Street Capital, LLC (JNST)        | 8.33                    | 8.70              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| Instinet BlockCross (BLKX)             | 4.17                    | 4.35              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| HRT FINANCIAL LP (HRTF)                | 4.17                    | 4.35              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |
| UBS Securities, LLC (UBSS)             | 2.78                    | 2.90              | 0.00                        | 0.00                            | 0.00             | 0  | 0.0000  | 0  | 0.0000  | 0  | 0.0000  | 0   | 0.0000   |



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June 2025

Options

Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 0.00                                      | 0.00   | 0.00   | 0.00   | 0.00  |

Venues

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