

# EQUITABLE - 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                                    | 78.06                                        | 0.37                                                       | 9.98                                                           | 11.59                                       |

### 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) |
|---------------------------------------|--------------------------------|-------------------------|-----------------------------------|-------------------------------------------|------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|
| Jane Street<br>Capital                | 21.35                          | 21.59                   | 17.31                             | 23.08                                     | 18.39                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| CITADEL<br>SECURITIES<br>LLC          | 17.43                          | 17.03                   | 17.31                             | 20.67                                     | 17.31                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| UBS                                   | 14.50                          | 14.51                   | 17.31                             | 14.44                                     | 14.36                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| INTL FC Stone<br>Financial Inc.       | 10.86                          | 11.01                   | 12.50                             | 8.71                                      | 11.69                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Virtu<br>Americas, LLC                | 9.61                           | 9.36                    | 16.35                             | 10.26                                     | 10.51                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| GTS<br>SECURITIES<br>LLC              | 7.35                           | 7.41                    | 8.65                              | 6.70                                      | 7.44                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Two Sigma<br>Securities,<br>LLC       | 6.79                           | 6.73                    | 4.81                              | 6.01                                      | 7.91                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| G1 Execution<br>Services, LLC         | 6.76                           | 6.84                    | 4.81                              | 5.91                                      | 7.01                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Goldman,<br>Sachs & Co.               | 5.35                           | 5.52                    | 0.96                              | 4.21                                      | 5.37                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |

### Material Aspects:

Jane Street Capital:  
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CITADEL SECURITIES LLC:

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Goldman, Sachs & Co.:  
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## April 2025

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### Non-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                                    | 86.28                                        | 0.28                                                       | 2.27                                                           | 11.17                                       |

#### Venues

| Venue -<br>Non-directed<br>Order Flow | Non-<br>Directed<br>Orders (%) | 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) |
|---------------------------------------|--------------------------------|-------------------------|--------------------------------------|----------------------------------------------|------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|
| Jane Street<br>Capital                | 21.91                          | 21.67                   | 22.89                                | 21.90                                        | 23.72                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| CITADEL<br>SECURITIES<br>LLC          | 21.28                          | 21.11                   | 21.39                                | 18.18                                        | 23.27                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Virtu<br>Americas, LLC                | 16.19                          | 16.30                   | 17.41                                | 17.00                                        | 15.18                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| UBS                                   | 13.09                          | 13.11                   | 12.94                                | 15.88                                        | 12.38                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| INTL FC Stone<br>Financial Inc.       | 6.47                           | 6.54                    | 5.97                                 | 7.07                                         | 5.84                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| GTS<br>SECURITIES<br>LLC              | 5.84                           | 5.83                    | 5.97                                 | 5.71                                         | 5.93                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Two Sigma<br>Securities,<br>LLC       | 5.79                           | 5.92                    | 3.98                                 | 5.40                                         | 4.92                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |

| Venue - Non-directed Order Flow | Non-Directed Orders (%) | Market Orders (%) | Marketable Limit Orders (%) | Non-Marketable Limit Orders (%) | Other Orders (%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Market Orders(cents per hundred shares) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(cents per hundred shares) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| G1 Execution Services, LLC      | 5.74                    | 5.81              | 4.48                        | 5.58                            | 5.22             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

Material Aspects:

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April 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 |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 100.00                                 | 13.88                                     | 1.91                                                | 18.47                                                   | 65.74                                    |

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) |
|----------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Susquehanna Financial Group, LLP | 34.87                   | 28.12             | 45.45                       | 27.70                           | 37.99            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Citadel Execution Services       | 31.66                   | 45.00             | 31.82                       | 34.74                           | 27.97            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

| Venue - Non-directed Order Flow | Non-Directed Orders (%) | Market Orders (%) | Marketable Limit Orders (%) | Non-Marketable Limit Orders (%) | Other Orders (%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Market Orders(cents per hundred shares) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(cents per hundred shares) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Dash/IMC Financial Markets      | 18.73                   | 16.25             | 13.64                       | 17.37                           | 19.79            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Matrix Capital Group, Inc.      | 12.14                   | 2.50              | 4.55                        | 14.08                           | 13.85            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

#### Material Aspects:

Susquehanna Financial Group, LLP:

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Citadel Execution Services:

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## May 2025

### S&P 500 Stocks

#### Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 100.00                                 | 81.46                                     | 0.14                                                | 5.72                                                    | 12.68                                    |

#### 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) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Jane Street Capital             | 21.47                   | 21.71             | 20.00                       | 18.58                           | 21.27            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| CITADEL SECURITIES LLC          | 17.96                   | 17.98             | 26.67                       | 16.58                           | 18.38            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| UBS                             | 13.69                   | 13.71             | 3.33                        | 13.58                           | 13.72            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Virtu Americas, LLC             | 11.44                   | 11.08             | 20.00                       | 14.92                           | 12.03            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| INTL FC Stone Financial Inc.    | 9.45                    | 9.51              | 6.67                        | 9.75                            | 8.98             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| G1 Execution Services, LLC      | 7.02                    | 7.21              | 3.33                        | 5.50                            | 6.50             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 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) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| GTS SECURITIES LLC              | 6.76                    | 6.57              | 13.33                       | 8.50                            | 7.10             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Two Sigma Securities, LLC       | 6.63                    | 6.56              | 3.33                        | 7.67                            | 6.61             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Goldman, Sachs & Co.            | 5.59                    | 5.67              | 3.33                        | 4.92                            | 5.41             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

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Non-S&P 500 Stocks

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 100.00                                 | 87.28                                     | 0.31                                                | 2.72                                                    | 9.69                                     |

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) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Jane Street Capital             | 22.48                   | 22.59             | 20.90                       | 23.24                           | 21.37            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| CITADEL SECURITIES LLC          | 20.96                   | 20.99             | 11.86                       | 16.27                           | 22.35            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Virtu Americas, LLC             | 16.54                   | 16.54             | 27.68                       | 17.82                           | 15.78            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| UBS                             | 13.04                   | 12.89             | 14.12                       | 16.53                           | 13.31            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| G1 Execution Services, LLC      | 6.40                    | 6.34              | 6.78                        | 5.16                            | 7.21             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| GTS SECURITIES LLC              | 5.85                    | 5.78              | 4.52                        | 7.23                            | 6.08             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| INTL FC Stone Financial Inc.    | 5.71                    | 5.79              | 7.34                        | 6.26                            | 4.74             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Two Sigma Securities, LLC       | 5.09                    | 5.10              | 5.08                        | 5.10                            | 4.98             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

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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 |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 100.00                                 | 35.99                                     | 2.75                                                | 34.48                                                   | 26.79                                    |

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 Execution Services       | 39.01                   | 41.22             | 30.00                       | 44.62                           | 29.74            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Susquehanna Financial Group, LLP | 35.99                   | 34.73             | 50.00                       | 29.88                           | 44.10            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Dash/IMC Financial Markets       | 15.93                   | 16.79             | 10.00                       | 15.54                           | 15.90            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Matrix Capital Group, Inc.       | 5.91                    | 1.15              | 10.00                       | 7.17                            | 10.26            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

Material Aspects:

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## 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                                 | 80.48                                     | 0.10                                                | 5.98                                                    | 13.44                                    |

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

| 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          | 25.09                   | 24.98             | 27.78                       | 24.20                           | 26.09            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Jane Street Capital             | 21.19                   | 21.15             | 16.67                       | 21.76                           | 21.20            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Virtu Americas, LLC             | 18.19                   | 18.26             | 11.11                       | 17.82                           | 17.95            | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| GTS SECURITIES LLC              | 6.27                    | 6.19              | 5.56                        | 7.22                            | 6.34             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| INTL FC Stone Financial Inc.    | 6.13                    | 6.20              | 5.56                        | 6.38                            | 5.55             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| G1 Execution Services, LLC      | 5.95                    | 5.91              | 11.11                       | 5.91                            | 6.18             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| UBS                             | 5.91                    | 5.87              | 16.67                       | 6.66                            | 5.76             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Two Sigma Securities, LLC       | 5.82                    | 5.82              | 0.00                        | 5.07                            | 6.18             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |
| Goldman, Sachs & Co.            | 5.45                    | 5.60              | 5.56                        | 4.97                            | 4.76             | 0.00                                             | 0.0000                                                                | 0.00                                                       | 0.0000                                                                          | 0.00                                                           | 0.0000                                                                              | 0.00                                            | 0.0000                                                               |

Material Aspects:

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Non-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                                    | 87.72                                        | 0.41                                                       | 2.08                                                           | 9.80                                        |

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) |
|---------------------------------------|--------------------------------|-------------------------|-----------------------------------|-------------------------------------------|------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|
| Jane Street<br>Capital                | 24.78                          | 24.95                   | 18.72                             | 23.08                                     | 23.88                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| CITADEL<br>SECURITIES<br>LLC          | 23.07                          | 23.10                   | 10.96                             | 19.68                                     | 24.07                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Virtu<br>Americas, LLC                | 18.23                          | 18.00                   | 50.23                             | 28.18                                     | 16.85                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| UBS                                   | 8.66                           | 8.63                    | 5.02                              | 9.30                                      | 8.93                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| INTL FC Stone<br>Financial Inc.       | 6.41                           | 6.51                    | 1.83                              | 3.85                                      | 6.21                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| GTS<br>SECURITIES<br>LLC              | 5.76                           | 5.75                    | 5.02                              | 4.92                                      | 6.02                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Goldman,<br>Sachs & Co.               | 5.61                           | 5.66                    | 4.11                              | 2.42                                      | 5.89                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| G1 Execution<br>Services, LLC         | 5.54                           | 5.53                    | 3.20                              | 4.47                                      | 5.93                   | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 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 |
|-------------------------------------------|----------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------|
| 100.00                                    | 28.43                                        | 2.74                                                       | 37.03                                                          | 31.80                                       |

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) |
|----------------------------------------|--------------------------------|-------------------------|-----------------------------------|-------------------------------------------|------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|
| Susquehanna<br>Financial Group,<br>LLP | 39.53                          | 35.96                   | 31.82                             | 33.33                                     | 50.59                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Citadel<br>Execution<br>Services       | 36.66                          | 40.35                   | 40.91                             | 44.44                                     | 23.92                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Dash/IMC<br>Financial<br>Markets       | 13.97                          | 14.91                   | 13.64                             | 12.46                                     | 14.90                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |
| Matrix Capital<br>Group, Inc.          | 7.11                           | 1.75                    | 9.09                              | 8.42                                      | 10.20                  | 0.00                                                      | 0.0000                                                                          | 0.00                                                                 | 0.0000                                                                                       | 0.00                                                                      | 0.0000                                                                                            | 0.00                                                     | 0.0000                                                                         |

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