# FINANCIAL SENSE SECURITIES, INC. - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2023

| April 2023 |  |
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S&P 500

Summary

| tal Non-<br>ted Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|------------------------|--|------------------------|--|---------------------------|--|--|---|-----------------------|---|
| 29                     | 100.00                                       | 28                     | 96.55  | 0                         | 0.00   | 0  | 0.00  | 1                     | 3.45  |

| Venue - Non-<br>directed Order<br>Flow         | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) |   | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) | Orders(USD) | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment Paid/Received for Non- Marketable Limit Orders(cents per hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|---|-----------------------------------|--------------|-----------------|-------------|---|--|--|---|--|--|--|
| National<br>Financial<br>Services<br>LLC(XSTM) | 24                     | 45.28                     | 0             | 0.00                | 0                          | 0.00                          | 0 | 0.00                              | 24           | 82.76           | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Citadel Securities<br>LLC(CDRG)                | 8                      | 15.09                     | 8             | 33.33               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| VIRTU Americas,<br>LLC(NITE)                   | 7                      | 13.21                     | 6             | 25.00               | 0                          | 0.00                          | 0 | 0.00                              | 1            | 3.45            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| G1 Execution Services, LLC(ETMM)               | 5                      | 9.43                      | 5             | 20.83               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Instinet<br>BlockCross(BLKX)                   | 4                      | 7.55                      | 0             | 0.00                | 0                          | 0.00                          | 0 | 0.00                              | 4            | 13.79           | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Jane Street<br>Capital,<br>LLC(JNST)           | 3                      | 5.66                      | 3             | 12.50               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Two Sigma<br>Securities,<br>LLC(SOHO)          | 2                      | 3.77                      | 2             | 8.33                | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |

# Non-S&P 500 Stocks

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 101                           | 100.00                                       | 101                    | 100.00   | 0                                   | 0.00   | 0  | 0.00  | 0                     | 0.00  |

| venues   |                        |                           |               |                     |                            |                               |                                |                                   |              |                 |             |   |  |  |   |  |  |  |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------|-----------------|-------------|---|--|--|---|--|--|--|
| Venue - Non-<br>directed Order<br>Flow         | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) | Non-Marketable<br>Limit Orders | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) | Orders(USD) | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment Paid/Received for Non- Marketable Limit Orders(cents per hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| National<br>Financial<br>Services<br>LLC(XSTM) | 58                     | 34.12                     | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 58           | 82.86           | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Citadel Securities<br>LLC(CDRG)                | 31                     | 18.24                     | 31            | 31.00               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| VIRTU Americas,<br>LLC(NITE)                   | 28                     | 16.47                     | 28            | 28.00               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| G1 Execution<br>Services,<br>LLC(ETMM)         | 22                     | 12.94                     | 22            | 22.00               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Instinet<br>BlockCross(BLKX)                   | 12                     | 7.06                      | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 12           | 17.14           | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Two Sigma<br>Securities,<br>LLC(SOHO)          | 8                      | 4.71                      | 8             | 8.00                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Jane Street<br>Capital,<br>LLC(JNST)           | 7                      | 4.12                      | 7             | 7.00                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| UBS Securities,<br>LLC(UBSS)                   | 4                      | 2.35                      | 4             | 4.00                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0           | 0   | 0  | 0  | 0 | 0  | 0  | 0  |

# Option

Summary

|   | Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|---|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| ı | 26                            | 100.00                                       | 22                     | 84.62  | 0                                   | 0.00   | 4  | 15.38   | 0                     | 0.00  |

| venues  |                        |                           |               |                     |                            |                               |   |                                   |              |                 |   |   |             |   |                  |  |  |  |
|---|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|---|-----------------------------------|--------------|-----------------|---|---|-------------|---|------------------|--|--|--|
| Venue - Non-<br>directed Order<br>Flow          | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) |   | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) |   | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Orders(HSD) | Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares) | Marketable Limit | Net Payment Paid/Received for Non- Marketable Limit Orders(cents per hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| Citadel Securities<br>LLC(CDRG)                 | 18                     | 69.23                     | 16            | 72.73               | 0                          | 0.00                          | 2 | 50.00                             | 0            | 0.00            | 0 | 0   | 0           | 0   | 0                | 0  | 0  | 0  |
| Susquehanna<br>Capital<br>Group(SUSQ)           | 4                      | 15.38                     | 4             | 18.18               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0 | 0   | 0           | 0   | 0                | 0  | 0  | 0  |
| Dash Financial<br>Technologies<br>LLC(DASH)     | 2                      | 7.69                      | 1             | 4.55                | 0                          | 0.00                          | 1 | 25.00                             | 0            | 0.00            | 0 | 0   | 0           | 0   | 0                | 0  | 0  | 0  |
| Morgan Stanley<br>& Company<br>LLC(MSCO)        | 1                      | 3.85                      | 1             | 4.55                | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0 | 0   | 0           | 0   | 0                | 0  | 0  | 0  |
| Wolverine<br>Execution<br>Services<br>LLC(WEXX) | 1                      | 3.85                      | 0             | 0.00                | 0                          | 0.00                          | 1 | 25.00                             | 0            | 0.00            | 0 | 0   | 0           | 0   | 0                | 0  | 0  | 0  |

# S&P 500

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 43                            | 100.00                                       | 41                     | 95.35  | 0                                   | 0.00   | 0  | 0.00  | 2                     | 4.65  |

| venues   |                        |                           |               |                     |                            |                               |   |                                   |              |                 |   |   |  |  |   |   |  |  |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|---|-----------------------------------|--------------|-----------------|---|---|--|--|---|---|--|--|
| Venue - Non-<br>directed Order<br>Flow         | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) |   | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) |   | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment<br>Paid/Received<br>for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| National<br>Financial<br>Services<br>LLC(XSTM) | 28                     | 38.89                     | 0             | 0.00                | 0                          | 0.00                          | 0 | 0.00                              | 28           | 87.50           | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Citadel Securities<br>LLC(CDRG)                | 20                     | 27.78                     | 20            | 50.00               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| VIRTU Americas,<br>LLC(NITE)                   | 10                     | 13.89                     | 8             | 20.00               | 0                          | 0.00                          | 0 | 0.00                              | 2            | 6.25            | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| G1 Execution Services, LLC(ETMM)               | 6                      | 8.33                      | 6             | 15.00               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Jane Street<br>Capital,<br>LLC(JNST)           | 4                      | 5.56                      | 4             | 10.00               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Instinet<br>BlockCross(BLKX)                   | 2                      | 2.78                      | 0             | 0.00                | 0                          | 0.00                          | 0 | 0.00                              | 2            | 6.25            | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Two Sigma<br>Securities,<br>LLC(SOHO)          | 2                      | 2.78                      | 2             | 5.00                | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0   | 0  | 0  |

# Non-S&P 500 Stocks

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 162                           | 100.00                                       | 153                    | 94.44  | 1                                   | 0.62   | 3  | 1.85  | 5                     | 3.09  |

| Venues   |                        |                           |               |                     |                            |                               |                                |                                   |              |                 |   |   |  |  |   |   |  |  |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------|-----------------|---|---|--|--|---|---|--|--|
| Venue - Non-<br>directed Order<br>Flow         | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) | Non-Marketable<br>Limit Orders | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment<br>Paid/Received<br>for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| National<br>Financial<br>Services<br>LLC(XSTM) | 85                     | 32.57                     | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 85           | 82.52           | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Citadel Securities<br>LLC(CDRG)                | 73                     | 27.97                     | 72            | 48.00               | 0                          | 0.00                          | 0                              | 0.00                              | 1            | 0.97            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| VIRTU Americas,<br>LLC(NITE)                   | 47                     | 18.01                     | 42            | 28.00               | 1                          | 100.00                        | 2                              | 28.57                             | 2            | 1.94            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| G1 Execution<br>Services,<br>LLC(ETMM)         | 26                     | 9.96                      | 25            | 16.67               | 0                          | 0.00                          | 0                              | 0.00                              | 1            | 0.97            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Instinet<br>BlockCross(BLKX)                   | 13                     | 4.98                      | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 13           | 12.62           | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Jane Street<br>Capital,<br>LLC(JNST)           | 10                     | 3.83                      | 10            | 6.67                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| New York Stock<br>Exchange(NYSE)               | 4                      | 1.53                      | 0             | 0.00                | 0                          | 0.00                          | 4                              | 57.14                             | 0            | 0.00            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Cboe EDGX US<br>Equities<br>Exchange(EDGX)     | 1                      | 0.38                      | 0             | 0.00                | 0                          | 0.00                          | 1                              | 14.29                             | 0            | 0.00            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| Two Sigma<br>Securities,<br>LLC(SOHO)          | 1                      | 0.38                      | 1             | 0.67                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |
| UBS Securities,<br>LLC(UBSS)                   | 1                      | 0.38                      | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 1            | 0.97            | 0   | 0   | 0  | 0  | 0 | 0   | 0  | 0  |

### **Option Contracts**

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 2                             | 100.00                                       | 2                      | 100.00   | 0                                   | 0.00   | 0  | 0.00  | 0                     | 0.00  |

| Venue - Non-<br>directed Order<br>Flow | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) |   | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) | for Market Orders(USD) | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | for Marketable<br>Limit<br>Orders(USD) | for Marketable | Paid/Received<br>for Non-<br>Marketable Limit | Net Payment<br>Paid/Received<br>for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|---|-----------------------------------|--------------|-----------------|------------------------|---|--|----------------|---|---|---|--|
| Citadel Securities<br>LLC(CDRG)        | 1                      | 50.00                     | 1             | 50.00               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0                      | 0   | 0                                      | 0              | 0   | 0   | 0 | 0  |
| Susquehanna<br>Capital<br>Group(SUSQ)  | 1                      | 50.00                     | 1             | 50.00               | 0                          | 0.00                          | 0 | 0.00                              | 0            | 0.00            | 0                      | 0   | 0                                      | 0              | 0   | 0   | 0 | 0  |

S&P 500

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 28                            | 100.00                                       | 27                     | 96.43  | 0                                   | 0.00   | 0  | 0.00  | 1                     | 3.57  |

| venues   |                        |                           |               |                     |                            |                               |                                |                                   |              |                 |   |   |   |  |   |  |  |  |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------|-----------------|---|---|---|--|---|--|--|--|
| Venue - Non-<br>directed Order<br>Flow         | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) | Non-Marketable<br>Limit Orders | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) |   | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) |   | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment Paid/Received for Non- Marketable Limit Orders(cents per hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| National<br>Financial<br>Services<br>LLC(XSTM) | 20                     | 38.46                     | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 20           | 76.92           | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |
| VIRTU Americas,<br>LLC(NITE)                   | 12                     | 23.08                     | 12            | 46.15               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |
| Citadel Securities<br>LLC(CDRG)                | 8                      | 15.38                     | 7             | 26.92               | 0                          | 0.00                          | 0                              | 0.00                              | 1            | 3.85            | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |
| Instinet<br>BlockCross(BLKX)                   | 5                      | 9.62                      | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 5            | 19.23           | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |
| G1 Execution<br>Services,<br>LLC(ETMM)         | 3                      | 5.77                      | 3             | 11.54               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |
| Jane Street Capital, LLC(JNST)                 | 3                      | 5.77                      | 3             | 11.54               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |
| Two Sigma<br>Securities,<br>LLC(SOHO)          | 1                      | 1.92                      | 1             | 3.85                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0 | 0  | 0 | 0  | 0  | 0  |

### Non-S&P 500 Stocks

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 198                           | 100.00                                       | 188                    | 94.95  | 0                                   | 0.00   | 1  | 0.51  | 9                     | 4.55  |

| venues   |                        |                           |               |                     |                            |                               |                                |                                   |              |                 |   |   |  |   |   |   |  |  |
|--|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------|-----------------|---|---|--|---|---|---|--|--|
| Venue - Non-<br>directed Order<br>Flow         | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) | Non-Marketable<br>Limit Orders | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares) | Net Payment<br>Paid/Received<br>for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| National<br>Financial<br>Services<br>LLC(XSTM) | 103                    | 33.12                     | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 103          | 87.29           | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| Citadel Securities<br>LLC(CDRG)                | 65                     | 20.90                     | 63            | 34.24               | 0                          | 0.00                          | 0                              | 0.00                              | 2            | 1.69            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| VIRTU Americas,<br>LLC(NITE)                   | 41                     | 13.18                     | 34            | 18.48               | 0                          | 0.00                          | 0                              | 0.00                              | 7            | 5.93            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| G1 Execution<br>Services,<br>LLC(ETMM)         | 31                     | 9.97                      | 31            | 16.85               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| Jane Street<br>Capital,<br>LLC(JNST)           | 29                     | 9.32                      | 29            | 15.76               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| Two Sigma<br>Securities,<br>LLC(SOHO)          | 18                     | 5.79                      | 18            | 9.78                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| UBS Securities,<br>LLC(UBSS)                   | 9                      | 2.89                      | 9             | 4.89                | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| Cboe BZX U.S.<br>Equities<br>Exchange(BATS)    | 8                      | 2.57                      | 0             | 0.00                | 0                          | 0.00                          | 8                              | 88.89                             | 0            | 0.00            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| Instinet<br>BlockCross(BLKX)                   | 6                      | 1.93                      | 0             | 0.00                | 0                          | 0.00                          | 0                              | 0.00                              | 6            | 5.08            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |
| Cboe EDGX US<br>Equities<br>Exchange(EDGX)     | 1                      | 0.32                      | 0             | 0.00                | 0                          | 0.00                          | 1                              | 11.11                             | 0            | 0.00            | 0   | 0   | 0  | 0   | 0   | 0   | 0  | 0  |

# Option

Summary

| Total Non-<br>Directed Orders | Non-Directed<br>Orders as % of<br>All Orders | Total Market<br>Orders | Market Orders<br>as % of Non-<br>Directed Orders | Total<br>Marketable Limit<br>Orders | Marketable Limit<br>Orders as % of<br>Non-Directed<br>Orders | Total Non-<br>Marketable Limit<br>Orders | Non-Marketable<br>Limit Orders as<br>% of Non-<br>Directed Orders | Total Other<br>Orders | Other Orders as<br>% of Non-<br>Directed Orders |
|-------------------------------|--|------------------------|--|-------------------------------------|--|--|---|-----------------------|---|
| 9                             | 100.00                                       | 9                      | 100.00   | 0                                   | 0.00   | 0  | 0.00  | 0                     | 0.00  |

| venues                                      |                        |                           |               |                     |                            |                               |                                |                                   |              |                 |   |   |  |  |   |  |  |  |
|---|------------------------|---------------------------|---------------|---------------------|----------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------|-----------------|---|---|--|--|---|--|--|--|
| Venue - Non-<br>directed Order<br>Flow      | Non-Directed<br>Orders | Non-Directed<br>Orders(%) | Market Orders | Market<br>Orders(%) | Marketable Limit<br>Orders | Marketable Limit<br>Orders(%) | Non-Marketable<br>Limit Orders | Non-Marketable<br>Limit Orders(%) | Other Orders | Other Orders(%) |   | Net Payment<br>Paid/Received<br>for Market<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Marketable<br>Limit<br>Orders(cents per<br>hundred shares) |   | Net Payment Paid/Received for Non- Marketable Limit Orders(cents per hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment<br>Paid/Received<br>for Other<br>Orders(cents per<br>hundred shares) |
| Citadel Securities<br>LLC(CDRG)             | 5                      | 55.56                     | 5             | 55.56               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Dash Financial<br>Technologies<br>LLC(DASH) | 2                      | 22.22                     | 2             | 22.22               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Susquehanna<br>Capital<br>Group(SUSQ)       | 1                      | 11.11                     | 1             | 11.11               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0  | 0  | 0  |
| Wolverine Execution Services LLC(WEXX)      | 1                      | 11.11                     | 1             | 11.11               | 0                          | 0.00                          | 0                              | 0.00                              | 0            | 0.00            | 0 | 0   | 0  | 0  | 0 | 0  | 0  | 0  |