

G.A. RESPLE & COMPANY - Hold MBE Stocks
and Options Order Routing Public Report
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1st Quarter, 2021

January 2021

S&P 500 Stocks

Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Total Market Orders | Market Orders(%) | Marketable Limit Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Other Orders as % of Non-Directed Orders |
|---------------------------|--|---|---------------------|------------------|---|-----------------------------------|---|--------------------------------|--------------|-----------------|--|
| 354 | 100.00 | 309 | 87.29 | 43 | 12.15 | 2 | 0.56 | 0 | 0.00 | | |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketable Limit Orders | Marketable Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|--------------------------------------|---------------------|------------------------|---------------|------------------|-------------------------|----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|--|--|---|---|--|
| Citadel Securities LLC(EDRQ) | 171 | 47.37 | 171 | 55.34 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| VRTU Americas LLC(NITE) | 89 | 24.65 | 89 | 28.80 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York Stock Exchange(NYSE) | 49 | 13.57 | 0 | 0.00 | 43 | 100.00 | 6 | 75.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| JANE STREET CAPITAL, LLC(UNST) | 24 | 6.65 | 24 | 7.77 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| GI Execution Services, LLC(ETMM) | 14 | 3.88 | 14 | 4.53 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Two Sigma Securities, LLC(SOHO) | 9 | 2.49 | 9 | 2.91 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASDAQ Execution Services, LLC(NSDQ) | 2 | 0.55 | 0 | 0.00 | 0 | 0.00 | 2 | 25.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| UBS Securities, LLC(UBSS) | 2 | 0.55 | 2 | 0.65 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Infinium BlackCross(BLCK) | 1 | 0.28 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 100.00 | 0 | 0 | 0 | 0 | 0 | 0 |

January 2021

Non-S&P 500 Stocks

Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Total Market Orders | Market Orders(%) | Marketable Limit Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Other Orders as % of Non-Directed Orders |
|---------------------------|--|---|---------------------|------------------|---|-----------------------------------|---|--------------------------------|--------------|-----------------|--|
| 786 | 100.00 | 752 | 95.67 | 8 | 1.02 | 13 | 1.65 | 13 | 1.65 | | |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketable Limit Orders | Marketable Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|---------------------------------------|---------------------|------------------------|---------------|------------------|-------------------------|----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|--|--|---|---|--|
| Citadel Securities LLC(EDRQ) | 388 | 47.03 | 379 | 50.33 | 2 | 25.00 | 0 | 0.00 | 7 | 21.21 | 0 | 0 | 0 | 0 | 0 | 0 |
| VRTU Americas LLC(NITE) | 247 | 28.94 | 241 | 32.01 | 1 | 12.50 | 2 | 6.45 | 3 | 9.09 | 0 | 0 | 0 | 0 | 0 | 0 |
| JANE STREET CAPITAL, LLC(UNST) | 69 | 8.36 | 67 | 8.90 | 1 | 12.50 | 1 | 3.23 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| GI Execution Services, LLC(ETMM) | 46 | 5.58 | 44 | 5.84 | 2 | 25.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Infinium BlackCross(BLCK) | 20 | 2.42 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 20 | 60.61 | 0 | 0 | 0 | 0 | 0 | 0 |
| Two Sigma Securities, LLC(SOHO) | 14 | 1.70 | 13 | 1.73 | 0 | 0.00 | 0 | 0.00 | 1 | 3.03 | 0 | 0 | 0 | 0 | 0 | 0 |
| NYSE Arca(ARCA) | 13 | 1.58 | 0 | 0.00 | 0 | 0.00 | 13 | 41.94 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASDAQ Execution Services, LLC(NSDQ) | 10 | 1.21 | 0 | 0.00 | 1 | 12.50 | 9 | 29.03 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| UBS Securities, LLC(UBSS) | 10 | 1.21 | 8 | 1.06 | 0 | 0.00 | 0 | 0.00 | 2 | 6.06 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clear Edge US Equities Exchange(EDGE) | 5 | 0.61 | 0 | 0.00 | 0 | 0.00 | 5 | 16.13 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |

January 2021

Option Contracts

Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Total Market Orders | Market Orders(%) | Marketable Limit Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Other Orders as % of Non-Directed Orders |
|---------------------------|--|---|---------------------|------------------|---|-----------------------------------|---|--------------------------------|--------------|-----------------|--|
| 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0.00 | |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketable Limit Orders | Marketable Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|---------------------------------|---------------------|------------------------|---------------|------------------|-------------------------|----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|--|--|---|---|--|
| | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |

February 2021

S&P 500 Stocks

Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Total Market Orders | Market Orders(%) | Marketable Limit Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Other Orders as % of Non-Directed Orders |
|---------------------------|--|---|---------------------|------------------|---|-----------------------------------|---|--------------------------------|--------------|-----------------|--|
| 229 | 100.00 | 214 | 93.45 | 6 | 2.62 | 9 | 3.93 | 9 | 0 | 0.00 | |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketable Limit Orders | Marketable Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|--------------------------------------|---------------------|------------------------|---------------|------------------|-------------------------|----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|--|--|---|---|--|
| Citadel Securities LLC(EDRQ) | 111 | 46.06 | 111 | 51.87 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| VRTU Americas LLC(NITE) | 46 | 19.09 | 46 | 21.50 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| JANE STREET CAPITAL, LLC(UNST) | 26 | 10.79 | 26 | 12.15 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| GI Execution Services, LLC(ETMM) | 13 | 5.39 | 13 | 6.07 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASDAQ Execution Services, LLC(NSDQ) | 13 | 5.39 | 0 | 0.00 | 0 | 0.00 | 13 | 61.90 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York Stock Exchange(NYSE) | 12 | 4.98 | 0 | 0.00 | 6 | 100.00 | 6 | 28.57 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| UBS Securities, LLC(UBSS) | 12 | 4.98 | 11 | 5.14 | 0 | 0.00 | 1 | 4.76 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Two Sigma Securities, LLC(SOHO) | 8 | 3.32 | 7 | 3.27 | 0 | 0.00 | 1 | 4.76 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |

February 2021

Non-S&P 500 Stocks

Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Total Market Orders | Market Orders(%) | Marketable Limit Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Other Orders as % of Non-Directed Orders |
|---------------------------|--|---|---------------------|------------------|---|-----------------------------------|---|--------------------------------|--------------|-----------------|--|
| 711 | 100.00 | 672 | 94.51 | 14 | 1.97 | 20 | 2.81 | 20 | 5 | 0.70 | |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketable Limit Orders | Marketable Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|----------------------------------|---------------------|------------------------|---------------|------------------|-------------------------|----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|--|--|---|---|--|
| Citadel Securities LLC(EDRQ) | 382 | 53.35 | 377 | 56.10 | 2 | 14.29 | 1 | 4.17 | 2 | 33.33 | 0 | 0 | 0 | 0 | 0 | 0 |
| VRTU Americas LLC(NITE) | 151 | 21.09 | 148 | 22.02 | 0 | 0.00 | 0 | 0.00 | 3 | 50.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| JANE STREET CAPITAL, LLC(UNST) | 87 | 12.15 | 84 | 12.50 | 2 | 14.29 | 1 | 4.17 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| UBS Securities, LLC(UBSS) | 26 | 3.63 | 26 | 3.87 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| Two Sigma Securities, LLC(SOHO) | 23 | 3.21 | 22 | 3.27 | 1 | 7.14 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| GI Execution Services, LLC(ETMM) | 15 | 2.09 | 15 | 2.23 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | | | | | | | | |
|---|----|------|---|------|---|-------|---|-------|---|------|---|---|---|---|---|---|---|
| New York Stock Exchange(NYSE) | 12 | 1.68 | 0 | 0.00 | 5 | 35.71 | 7 | 29.17 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASDAQ Execution Services, LLC(NSDQ) | 9 | 1.26 | 0 | 0.00 | 3 | 21.43 | 6 | 25.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clear EDD US Equities Exchange(EDGX NYSE Am)(NCA) | 4 | 0.84 | 0 | 0.00 | 0 | 0.00 | 6 | 25.00 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0.56 | 0 | 0.00 | 1 | 7.14 | 3 | 12.50 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

February 2021

Option Contracts Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Market Orders as % of Non-Directed Orders | Total Marketable Limit Orders | Marketplace Limit Orders | Marketplace Limit Orders(%) | Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Orders as % of Non-Directed Orders |
|---------------------------|--|---------------------|------------------------|---------------|------------------|---|-------------------------------|--------------------------|-----------------------------|------------------------------------|-----------------------------------|-----------------------------|--------------------------------|--------------|-----------------|------------------------------------|
| 1 | 100.00 | 1 | 100.00 | 1 | 100.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0.00 |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketplace Limit Orders | Marketplace Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Market Orders(per hundred shares) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|------------------------------------|---------------------|------------------------|---------------|------------------|--------------------------|-----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|---|--|---|--|---|---|--|
| Morgan Stanley & Company LLC(MSCO) | 1 | 100.00 | 1 | 100.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

March 2021

S&P 500 Stocks Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Market Orders as % of Non-Directed Orders | Total Marketable Limit Orders | Marketplace Limit Orders | Marketplace Limit Orders(%) | Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Orders as % of Non-Directed Orders |
|---------------------------|--|---------------------|------------------------|---------------|------------------|---|-------------------------------|--------------------------|-----------------------------|------------------------------------|-----------------------------------|-----------------------------|--------------------------------|--------------|-----------------|------------------------------------|
| 272 | 100.00 | 272 | 100.00 | 255 | 93.75 | 93.75 | 11 | 4.04 | 4.04 | 4.04 | 6 | 2.21 | 2.21 | 0 | 0 | 0.00 |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketplace Limit Orders | Marketplace Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Market Orders(per hundred shares) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|--------------------------------------|---------------------|------------------------|---------------|------------------|--------------------------|-----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|---|--|---|--|---|---|--|
| Citadel Securities LLC(CID) | 124 | 45.44 | 124 | 53.68 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virtu Americas LLC(VTA) | 61 | 22.85 | 61 | 26.41 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York Stock Exchange(NYSE) | 29 | 10.86 | 0 | 0.00 | 9 | 3.31 | 81.82 | 30.08 | 29.92 | 10.96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| JANE STREET CAPITAL, LLC(JNST) | 27 | 10.11 | 27 | 11.69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASDAQ Execution Services, LLC(NSDQ) | 7 | 2.62 | 0 | 0.00 | 2 | 0.73 | 18.18 | 5 | 1.85 | 0.66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UBS Securities, LLC(UBS) | 7 | 2.62 | 7 | 3.03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G1 Execution Services, LLC(G1ES) | 6 | 2.25 | 6 | 2.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Two Sigma Securities, LLC(TSS) | 6 | 2.25 | 6 | 2.60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

March 2021

Non-S&P 500 Stocks Summary

| Total Non-Directed Orders | Non-Directed Orders as % of All Orders | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Market Orders as % of Non-Directed Orders | Total Marketable Limit Orders | Marketplace Limit Orders | Marketplace Limit Orders(%) | Orders as % of Non-Directed Orders | Total Non-Marketable Limit Orders | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Orders as % of Non-Directed Orders |
|---------------------------|--|---------------------|------------------------|---------------|------------------|---|-------------------------------|--------------------------|-----------------------------|------------------------------------|-----------------------------------|-----------------------------|--------------------------------|--------------|-----------------|------------------------------------|
| 766 | 100.00 | 732 | 95.56 | 7 | 0.91 | 0.91 | 24 | 3.13 | 3.13 | 3.13 | 3 | 0.39 | 0.39 | 0 | 0 | 0.00 |

Venues

| Venue - Non-directed Order Flow | Non-Directed Orders | Non-Directed Orders(%) | Market Orders | Market Orders(%) | Marketplace Limit Orders | Marketplace Limit Orders(%) | Non-Marketable Limit Orders | Non-Marketable Limit Orders(%) | Other Orders | Other Orders(%) | Net Payment Paid/Received for Market Orders(USD) | Net Payment Paid/Received for Market Orders(per hundred shares) | Net Payment Paid/Received for Marketable Limit Orders(USD) | Net Payment Paid/Received for Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Net Payment Paid/Received for Non-Marketable Limit Orders(per hundred shares) | Net Payment Paid/Received for Other Orders(USD) | Net Payment Paid/Received for Other Orders(per hundred shares) |
|---|---------------------|------------------------|---------------|------------------|--------------------------|-----------------------------|-----------------------------|--------------------------------|--------------|-----------------|--|---|--|---|--|---|---|--|
| Citadel Securities LLC(CID) | 338 | 47.27 | 332 | 50.08 | 3 | 0.41 | 75.00 | 2 | 5.13 | 0.67 | 1 | 11.11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virtu Americas LLC(VTA) | 176 | 24.42 | 175 | 26.40 | 0 | 0 | 0 | 0 | 0.00 | 0 | 1 | 11.11 | 0 | 0 | 0 | 0 | 0 | 0 |
| JANE STREET CAPITAL, LLC(JNST) | 95 | 13.29 | 95 | 14.33 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UBS Securities, LLC(UBS) | 25 | 3.50 | 24 | 3.62 | 0 | 0 | 0 | 0 | 0.00 | 0 | 1 | 11.11 | 0 | 0 | 0 | 0 | 0 | 0 |
| Two Sigma Securities, LLC(TSS) | 23 | 3.22 | 22 | 3.32 | 0 | 0 | 0 | 1 | 2.56 | 0.34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NASDAQ Execution Services, LLC(NSDQ) | 17 | 2.38 | 0 | 0.00 | 0 | 0 | 0 | 17 | 43.59 | 10.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G1 Execution Services, LLC(G1ES) | 15 | 2.10 | 15 | 2.36 | 0 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New York Stock Exchange(NYSE) | 9 | 1.26 | 0 | 0.00 | 0 | 0 | 0 | 9 | 23.08 | 2.95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Clear EDD US Equities Exchange(EDGX Instinet) | 8 | 1.12 | 0 | 0.00 | 0 | 0 | 0 | 8 | 20.51 | 2.56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BlockCross(BLCK) | 6 | 0.84 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0.00 | 0 | 6 | 66.67 | 0 | 0 | 0 | 0 | 0 | 0 |