### October 2020
#### Non-Directed Orders

<table>
<thead>
<tr>
<th>Venue</th>
<th>Non-Directed Orders (%)</th>
<th>Market Orders (%)</th>
<th>Marketable Limit Orders (%)</th>
<th>Other Orders (%)</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received Non-Marketable Limit Orders (USD)</th>
<th>Other Orders (cents per hundred shares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citadel Securities LLC</td>
<td>33.40%</td>
<td>33.66%</td>
<td>37.50%</td>
<td>33.73%</td>
<td>14.85%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
<td>Virtu Americas LLC</td>
<td>33.65%</td>
<td>33.61%</td>
<td>38.09%</td>
<td>33.75%</td>
<td>5.96%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
<td>New York Stock Exchange (XNYS)</td>
<td>0.74%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>50.50%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
</tbody>
</table>

#### Non-S&P 500 Stocks

<table>
<thead>
<tr>
<th>Venue</th>
<th>Non-Directed Orders (%)</th>
<th>Market Orders (%)</th>
<th>Marketable Limit Orders (%)</th>
<th>Other Orders (%)</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received Non-Marketable Limit Orders (USD)</th>
<th>Other Orders (cents per hundred shares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citadel Securities LLC</td>
<td>33.75%</td>
<td>33.78%</td>
<td>49.53%</td>
<td>37.88%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
<td>Virtu Americas LLC</td>
<td>31.38%</td>
<td>32.54%</td>
<td>25.94%</td>
<td>28.28%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
</tbody>
</table>

#### Option Contracts

<table>
<thead>
<tr>
<th>Venue</th>
<th>Non-Directed Orders (%)</th>
<th>Market Orders (%)</th>
<th>Marketable Limit Orders (%)</th>
<th>Other Orders (%)</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received Non-Marketable Limit Orders (USD)</th>
<th>Other Orders (cents per hundred shares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Suisse Securities (usa) LLC</td>
<td>0.08%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>1.34%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
</tbody>
</table>

### November 2020
#### Non-Directed Orders

<table>
<thead>
<tr>
<th>Venue</th>
<th>Non-Directed Orders (%)</th>
<th>Market Orders (%)</th>
<th>Marketable Limit Orders (%)</th>
<th>Other Orders (%)</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received Non-Marketable Limit Orders (USD)</th>
<th>Other Orders (cents per hundred shares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citadel Securities LLC</td>
<td>33.75%</td>
<td>34.76%</td>
<td>49.61%</td>
<td>37.84%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
<td>Virtu Americas LLC</td>
<td>31.00%</td>
<td>31.01%</td>
<td>29.60%</td>
<td>28.60%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
</tbody>
</table>

#### Non-S&P 500 Stocks

<table>
<thead>
<tr>
<th>Venue</th>
<th>Non-Directed Orders (%)</th>
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<th>Marketable Limit Orders (%)</th>
<th>Other Orders (%)</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received Non-Marketable Limit Orders (USD)</th>
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<td>37.84%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
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<td>31.00%</td>
<td>31.01%</td>
<td>29.60%</td>
<td>28.60%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
</tbody>
</table>

### December 2020
#### Non-Directed Orders

<table>
<thead>
<tr>
<th>Venue</th>
<th>Non-Directed Orders (%)</th>
<th>Market Orders (%)</th>
<th>Marketable Limit Orders (%)</th>
<th>Other Orders (%)</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
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<td>37.84%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
<tr>
<td>Virtu Americas LLC</td>
<td>31.00%</td>
<td>31.01%</td>
<td>29.60%</td>
<td>28.60%</td>
<td>3.06%</td>
<td>0</td>
<td>0</td>
<td>0.000</td>
</tr>
</tbody>
</table>
### December 2020

#### Summary

<table>
<thead>
<tr>
<th>Venue - Non-Directed Orders</th>
<th>Marketable Limit Orders as Percent of All Orders</th>
<th>Non-Marketable Limit Orders as Percent of All Orders</th>
<th>Other Orders as Percent of All Orders</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received for Market Orders (cents per hundred shares)</th>
<th>Net Payment Paid/Received for Non-Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received for Non-Marketable Limit Orders (cents per hundred shares)</th>
<th>Net Payment Paid/Received for Other Orders (USD)</th>
<th>Net Payment Paid/Received for Other Orders (cents per hundred shares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Financial Services, LLC</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
</tr>
<tr>
<td>Citadel Securities LLC</td>
<td>34.24%</td>
<td>34.86%</td>
<td>25.00%</td>
<td>41.03%</td>
<td>6.58%</td>
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<td>0.0000</td>
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</tr>
<tr>
<td>Wall Street Access</td>
<td>30.05%</td>
<td>30.91%</td>
<td>27.08%</td>
<td>24.36%</td>
<td>5.33%</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
<td>0.0000</td>
</tr>
<tr>
<td>Clearpool Execution Services, LLC (CPEM)</td>
<td>1.06%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>40.13%</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
<td>0.0000</td>
</tr>
<tr>
<td>New York Stock Exchange</td>
<td>0.01%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.31%</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
<td>0.0000</td>
</tr>
</tbody>
</table>

#### Summary - S&P 500 Stocks

<table>
<thead>
<tr>
<th>Venue - Non-Directed Orders</th>
<th>Marketable Limit Orders as Percent of All Orders</th>
<th>Non-Marketable Limit Orders as Percent of All Orders</th>
<th>Other Orders as Percent of All Orders</th>
<th>Net Payment Paid/Received for Market Orders (USD)</th>
<th>Net Payment Paid/Received for Market Orders (cents per hundred shares)</th>
<th>Net Payment Paid/Received for Non-Marketable Limit Orders (USD)</th>
<th>Net Payment Paid/Received for Non-Marketable Limit Orders (cents per hundred shares)</th>
<th>Net Payment Paid/Received for Other Orders (USD)</th>
<th>Net Payment Paid/Received for Other Orders (cents per hundred shares)</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Financial Services, LLC</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>100.00%</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
</tr>
<tr>
<td>Citadel Securities LLC</td>
<td>35.57%</td>
<td>35.45%</td>
<td>41.83%</td>
<td>37.98%</td>
<td>15.19%</td>
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</tr>
<tr>
<td>Clearpool Execution Services, LLC (CPEM)</td>
<td>0.23%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>20.25%</td>
<td>0</td>
<td>0.0000</td>
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</tr>
<tr>
<td>New York Stock Exchange</td>
<td>0.01%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.63%</td>
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</tr>
</tbody>
</table>

#### Summary - Non-S&P 500 Stocks

<table>
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<tr>
<th>Venue - Non-Directed Orders</th>
<th>Marketable Limit Orders as Percent of All Orders</th>
<th>Non-Marketable Limit Orders as Percent of All Orders</th>
<th>Other Orders as Percent of All Orders</th>
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<th>Net Payment Paid/Received for Market Orders (cents per hundred shares)</th>
<th>Net Payment Paid/Received for Non-Marketable Limit Orders (USD)</th>
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<tr>
<td>National Financial Services, LLC</td>
<td>100.00%</td>
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<td>100.00%</td>
<td>100.00%</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
<td>0.0000</td>
<td>0</td>
</tr>
<tr>
<td>Citadel Securities LLC</td>
<td>36.24%</td>
<td>36.30%</td>
<td>26.30%</td>
<td>42.04%</td>
<td>8.70%</td>
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<td>0.0000</td>
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<td>0.0000</td>
</tr>
<tr>
<td>Wall Street Access</td>
<td>30.50%</td>
<td>30.91%</td>
<td>27.90%</td>
<td>26.30%</td>
<td>5.43%</td>
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</tr>
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<td>Clearpool Execution Services, LLC (CPEM)</td>
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<td>0.01%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.31%</td>
<td>0</td>
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</table>

#### Summary - Option Contracts

<table>
<thead>
<tr>
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