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January 2021

## Summary

## Venues

[illegible]

Material Aspects:

Citadel Securities LLC (CDRG):  
Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

Jane Street Capital, LLC (JNST):  
Firm not charged.

UBS Securities LLC (UBSS):  
Firm not charged.

The Nasdaq Stock Market (NSDQ):  
Firm qualified for (1) the rebate provided for adding over 0,35% of the total consolidated volume and removing over 0,75% of the total consolidated volume (\$0.0028 per share for adding displayed liquidity), (2) Closing Cross Tier C (a fee of \$0.0012 per share for orders participating in the Closing Cross), (3) the rebate provided for adding over 0,03% of the total consolidated volume of non-displayed liquidity, including midpoint orders, for Tape A/B securities (\$0.0010 per share) and Tape C securities (\$0.0005 per share) for adding non-displayed liquidity, and (4) a cap of \$35,000 for opening cross charges from Market-On-Open and Limit-On-Open orders, The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2> Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

Virtu Americas LLC (NITE):  
Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

New York Stock Exchange LLC (NYSE):  
Firm qualified for Providing Tier 3 (a rebate of \$0.0018 per share for adding displayed liquidity in Tape A securities), MOC/LOC Tier 1 (a fee of \$0.0004 per share for Market-On-Close orders and a fee of \$0.0007 per share for Limit-On-Close orders), NYSE dQuote Tier 1 charges applicable for Executions at the Close after the first 750,000 ADV of aggregate executions at the close (a reduced fee of \$0.0008 per share for d-Quotes last modified in the last 3 minutes before the scheduled close of trading), and Remove Tier 1 for Tape A securities (a fee of \$0.0028 per share for removing liquidity) and Tape B and Tape C securities (a fee of \$0.00285 per share for removing liquidity), The venue provided a fee cap of \$35,000 for the month for opening executions. The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.nyse.com/markets/nyse/trading-info/fees>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

Cboe EDGX Exchange, Inc. (EDGX):  
Firm subject to reduced internalization fees for adding and removing displayed liquidity (a reduced fee of 0.00040 on internalization), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://www.cboe.com/us/equities/membership/fee_schedule/edgx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

NYSE Arca, Inc. (ARCA):  
Firm qualified for Tier 3 (a rebate of \$0.0025 per share for adding liquidity in Tape A and Tape C securities and \$0.0022 per share for adding liquidity in Tape B securities), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

Cboe BZX Exchange, Inc. (BATS):  
Firm qualified for Add/Remove Volume Tier 2 for having average daily added volume as a percentage of total consolidated volume of at least 0.20% (an incremental rebate of \$0.0007 per share for adding displayed liquidity). The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report., A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/bzx/](https://www.cboe.com/us/equities/membership/fee_schedule/bzx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

Two Sigma Securities, LLC (SOHO):  
Firm not charged.

January 2021

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	54.09	6.36	29.40	10.14

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)
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Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	27.36	38.45	35.07	8.17	18.77	-6.7810	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Jane Street Capital, LLC (JNST)	22.33	37.44	31.31	0.28	0.09	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
The Nasdaq Stock Market (NSDQ)	13.54	0.23	1.01	37.10	24.25	-1,642.9040	-11.8549	-1,846.4178	-22.7425	119,617.6017	22.4540	4,278.0694	3.6891
UBS Securities LLC (UBSS)	10.32	10.06	12.78	7.49	18.33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas LLC (NITE)	8.61	8.52	11.58	6.23	14.17	0.0000	0.0000	-31.9495	-0.0122	0.0000	0.0000	0.0000	0.0000
New York Stock Exchange LLC (NYSE)	8.06	1.96	2.06	16.96	18.55	-226.4561	-0.8181	-1,086.5349	-12.8886	30,729.9515	17.3735	2,396.9942	4.3544
Cboe EDGX Exchange, Inc. (EDGX)	3.38	0.00	0.65	11.36	0.01	-0.3000	-2.0000	-2,007.2024	-26.2566	8,965.3716	14.8911	-17.9091	-27.0000
NYSE Arca, Inc. (ARCA)	3.01	0.01	0.75	8.43	4.71	-14.9620	-29.1543	-3,662.1171	-25.4397	10,764.5576	21.9882	-1,988.8790	-11.7228
Two Sigma Securities, LLC (SOHO)	2.11	3.33	4.37	0.06	0.09	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe BZX Exchange, Inc. (BATS)	1.28	0.00	0.42	3.92	1.03	-2.8100	-29.2708	-737.9403	-29.4881	4,625.7425	25.5742	-291.9493	-4.4436

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Jane Street Capital, LLC (JNST):

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Two Sigma Securities, LLC (SOHO):  
Firm not charged.

Cboe BZX Exchange, Inc. (BATS):  
Firm qualified for Add/Remove Volume Tier 2 for having average daily added volume as a percentage of total consolidated volume of at least 0.20% (an incremental rebate of \$0.0007 per share for adding displayed liquidity). The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/bzx/](https://www.cboe.com/us/equities/membership/fee_schedule/bzx/), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

January 2021

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
72.98	9.90	22.39	46.64	21.07

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	29.07	33.27	34.68	35.19	7.44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Global Execution Brokers, LP (GEBB)	28.25	33.56	33.80	35.37	4.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Matrix Executions, LLC (RSKY)	24.94	33.17	31.46	29.30	4.50	0.0000	0.0000	-96.2900	-0.0529	0.0000	0.0000	895.1400	1.1656
Nasdaq PHLX LLC (XPHO)	7.27	0.00	0.05	0.14	34.16	0.0000	0.0000	126.6400	26.0576	821.7100	42.1822	104,001.1250	29.6970
Dash Financial Technologies LLC (DFIN)	3.76	0.00	0.00	0.00	17.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-24,161.4600	-2.9796
Cboe Exchange, Inc. (CBOE)	1.77	0.00	0.00	0.00	8.39	0.0000	0.0000	32.9975	54.0943	21.3750	42.7500	-18,721.9300	-14.4028
NYSE Arca Options (ARCO)	1.49	0.00	0.00	0.00	7.08	0.0000	0.0000	-11.3965	-49.5500	0.0000	0.0000	7,970.1405	11.2741

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)
Nasdaq Options Market (XNDQ)	1.38	0.00	0.00	0.00	6.56	0.0000	0.0000	-29.8840	-48.2000	-0.4820	-48.2000	-18,502.4600	-27.1178
Cboe BZX Exchange, Inc. (BATO)	1.09	0.00	0.01	0.00	5.19	0.0000	0.0000	-27.5000	-50.0000	0.0000	0.0000	-29,247.4000	-54.3571
Nasdaq ISE, LLC (XISX)	0.98	0.00	0.00	0.00	4.66	0.0000	0.0000	-3.2800	-5.6552	0.0000	0.0000	16,140.6600	18.2366

### Material Aspects:

Citadel Securities LLC (CDRG):

Firm not charged, Citadel Securities LLCs recent reports pursuant to SEC Rule 606(a) are available at: <https://www.citadelsecurities.com/rule-605-606-statements/>

Global Execution Brokers, LP (GEBB):

Firm not charged

Matrix Executions, LLC (RSKY):

Firm not charged; however, Firm pays exchange and regulatory fees, less exchange rebates where applicable, for any orders that are routed by the Wealth Management division and cleared by the Firm following execution Rebates received by Firm may exceed fees paid by Firm, Matrix Executions, LLCs recent reports pursuant to SEC Rule 606(a) are available at: <https://www.matrixexecutions.com/rule-606>,

Nasdaq PHLX LLC (XPHO):

Firm did not qualify for tiered pricing, Firm received marketing fees from preferenced market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/phlx/rules/phlx-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Dash Financial Technologies LLC (DFIN):

Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, Firm is charged \$,05/contract for 0-500,000 contracts, \$,04/contract for 500,001-1 million contracts, and \$,03/contract for greater than 1 million contracts, Firm qualified for the \$,03/contract discounted tier, Dash Financial Technologies LLCs most recent report pursuant to SEC Rule 606(a) is available at: <http://dash-website-static,s3-website-us-east-1,amazonaws.com/static/606.html>

Cboe Exchange, Inc. (CBOE):

Firm did not qualify for tiered pricing with respect to customer order flow, Firm received marketing fees from preferenced market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://cdn.cboe.com/resources/membership/Cboe\\_FeeSchedule.pdf](https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

NYSE Arca Options (ARCO):

Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Nasdaq Options Market (XNDQ):

Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe BZX Exchange, Inc. (BATO):

Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://markets.cboe.com/us/options/membership/fee\\_schedule/bzx/](https://markets.cboe.com/us/options/membership/fee_schedule/bzx/), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Nasdaq ISE, LLC (XISX):

Firm did not qualify for tiered pricing, Firm received marketing fees from preferenced market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

## February 2021

### 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
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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	64.71	4.68	22.28	8.33

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	30.26	39.40	37.00	7.97	14.74	-0.0050	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Jane Street Capital, LLC (JNST)	26.33	38.29	32.36	0.18	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
The Nasdaq Stock Market (NSDQ)	10.22	0.00	1.06	35.15	28.32	-0.7170	-30.0000	-107.0624	-19.9516	8,445.6880	27.4493	371.5238	4.4670
Virtu Americas LLC (NITE)	10.09	10.12	12.81	7.81	14.38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS Securities LLC (UBSS)	9.98	10.00	12.74	7.68	14.40	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
New York Stock Exchange LLC (NYSE)	5.59	0.05	0.67	14.31	28.15	-14.8421	-4.1120	-110.4516	-18.9962	3,811.3065	17.5788	390.3528	1.8132
Cboe EDGX Exchange, Inc. (EDGX)	2.81	0.00	0.41	12.53	0.00	0.0000	0.0000	-144.2212	-23.6587	2,299.8431	15.3740	0.0000	0.0000
NYSE Arca, Inc. (ARCA)	1.82	0.00	0.33	8.12	0.01	0.0000	0.0000	-105.7100	-26.5717	1,697.5886	24.2812	10.8500	25.0000
Two Sigma Securities, LLC (SOHO)	1.50	2.14	2.42	0.01	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe BZX Exchange, Inc. (BATS)	1.40	0.00	0.20	6.24	0.00	0.0000	0.0000	-27.8520	-18.4793	1,641.6247	25.8502	13.3691	25.6260

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Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

Jane Street Capital, LLC (JNST):

Firm not charged.

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UBS Securities LLC (UBSS):

New York Stock Exchange LLC (NYSE):  
Firm qualified for Providing Tier 3 (a rebate of \$0.0018 per share for adding displayed liquidity in Tape A securities), MOC/LOC Tier 1 (a fee of \$0.0004 per share for Market-On-Close orders and a fee of \$0.0007 per share for Limit-On-Close orders), NYSE dQuote Tier 1 charges applicable for Executions at the Close after the first 750,000 ADV of aggregate executions at the close (a reduced fee of \$0.0008 per share for d-Quotes last modified in the last 3 minutes before the scheduled close of trading), Remove Tier 1 for Tape A securities (a fee of \$0.00275 per share for removing liquidity) and Tape B and Tape C securities (a fee of \$0.00285 per share for removing liquidity), and Routing Tier 1 for adding average daily volume in Tapes A, B and C combined that is at least 0.20% of Tapes A, B and C consolidated average daily volume combined (a fee of \$0.0030 per share for orders routed). The venue provided a fee cap of \$35,000 for the month for opening executions. The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.nyse.com/markets/nyse/trading-info/fees>. Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

NYSE Arca, Inc. (ARCA):  
Firm qualified for Tier 3 (a rebate of \$0.0025 for adding liquidity in Tape A and Tape C securities and \$0.0022 for adding liquidity in Tape B securities), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe BZX Exchange, Inc. (BATS):  
Firm qualified for Add/Remove Volume Tier 2 for having average daily added volume as a percentage of total consolidated volume of at least 0.10% (an incremental rebate of \$0.0007 per share for adding displayed liquidity). The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/bzx/](https://www.cboe.com/us/equities/membership/fee_schedule/bzx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

## 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	53.69	6.60	29.55	10.16

[illegible]

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)
New York Stock Exchange LLC (NYSE)	6.23	0.43	0.88	14.88	15.17	-171.0594	-3.4680	-738.7551	-18.3046	29,184.8409	17.4273	2,452.4929	4.6519
Cboe EDGX Exchange, Inc. (EDGX)	3.05	0.02	0.52	10.16	0.01	0.0000	0.0000	-1,289.1789	-25.4026	10,863.0784	15.1353	-54.2862	-27.0000
NYSE Arca, Inc. (ARCA)	2.79	0.03	0.61	7.50	5.10	-18.7557	-24.6202	-2,079.9495	-22.9713	12,822.0198	22.4673	-1,884.2162	-9.9803
Two Sigma Securities, LLC (SOHO)	2.42	3.82	5.02	0.09	0.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe BZX Exchange, Inc. (BATS)	1.23	0.02	0.29	3.66	1.10	-2.3130	-30.0000	-569.6221	-29.4391	5,607.8845	25.7728	-269.8091	-3.7846

### Material Aspects:

Citadel Securities LLC (CDRG):

Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

Jane Street Capital, LLC (JNST):

Firm not charged.

The Nasdaq Stock Market (NSDQ):

Firm qualified for (1) the rebate provided for adding over 0,35% of the total consolidated volume and removing over 0,75% of the total consolidated volume (a rebate of \$0.0028 per share for adding displayed liquidity), (2) Closing Cross Tier C (a fee of \$0.0012 per share for orders participating in the Closing Cross), (3) the rebate provided for adding over 0,03% of the total consolidated volume of non-displayed liquidity, including midpoint orders, for Tape A/B securities (\$0.0010 per share) and Tape C securities (\$0.0005 per share) for adding non-displayed liquidity, and (4) a cap of \$35,000 for opening cross charges from Market-On-Open and Limit-On-Open orders, The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2> , Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Virtu Americas LLC (NITE):

Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

UBS Securities LLC (UBSS):

Firm not charged

New York Stock Exchange LLC (NYSE):

Firm qualified for Providing Tier 3 (a rebate of \$0.0018 per share for adding displayed liquidity in Tape A securities), MOC/LOC Tier 1 (a fee of \$0.0004 per share for Market-On-Close orders and a fee of \$0.0007 per share for Limit-On-Close orders), NYSE dQuote Tier 1 charges applicable for Executions at the Close after the first 750,000 ADV of aggregate executions at the close (a reduced fee of \$0.0008 per share for d-Quotes last modified in the last 3 minutes before the scheduled close of trading), Remove Tier 1 for Tape A securities (a fee of \$0.00275 per share for removing liquidity) and Tape B and Tape C securities (a fee of \$0.00285 per share for removing liquidity), and Routing Tier 1 for adding average daily volume in Tapes A, B and C combined that is at least 0.20% of Tapes A, B and C consolidated average daily volume combined (a fee of \$0.0030 per share for orders routed), The venue provided a fee cap of \$35,000 for the month for opening executions. The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.nyse.com/markets/nyse/trading-info/fees>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe EDGX Exchange, Inc. (EDGX):

Firm subject to reduced internalization fees for adding and removing displayed liquidity (a 0.00040 reduced fee on internalization), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://www.cboe.com/us/equities/membership/fee_schedule/edgx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

NYSE Arca, Inc. (ARCA):

Firm qualified for Tier 3 (a rebate of \$0.0025 for adding liquidity in Tape A and Tape C securities and \$0.0022 for adding liquidity in Tape B securities), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Two Sigma Securities, LLC (SOHO):

Firm not charged.

Cboe BZX Exchange, Inc. (BATS):



Firm qualified for Add/Remove Volume Tier 2 for having average daily added volume as a percentage of total consolidated volume of at least 0.10% (an incremental rebate of \$0.0007 per share for adding displayed liquidity), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/bzx/](https://www.cboe.com/us/equities/membership/fee_schedule/bzx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

## February 2021

### 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
75.81	9.78	22.10	48.41	19.71

### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	31.39	35.79	36.43	37.25	8.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Global Execution Brokers, LP (GEBB)	27.75	32.02	32.51	34.20	4.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Matrix Executions, LLC (RSKY)	24.60	32.19	30.94	28.40	4.42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,394.0300	-2.8309
Nasdaq PHLX LLC (XPHO)	7.38	0.00	0.08	0.15	37.04	0.0000	0.0000	369.9000	25.3010	1,195.8950	38.3177	112,553.8000	29.7838
Dash Financial Technologies LLC (DFIN)	3.46	0.00	0.00	0.00	17.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-19,387.3200	-2.1629
Cboe Exchange, Inc. (CBOE)	1.63	0.00	0.00	0.00	8.28	0.0000	0.0000	28.0975	46.0615	0.0000	0.0000	-21,124.1825	-13.2675
NYSE Arca Options (ARCO)	1.11	0.00	0.01	0.00	5.65	0.0000	0.0000	-32.8305	-64.3735	21.8395	70.4500	18,254.2055	24.0342
Nasdaq Options Market (XNDQ)	1.06	0.00	0.02	0.00	5.37	0.0000	0.0000	-106.4100	-48.3682	35.9100	79.8000	-18,892.9200	-28.2034
Cboe BZX Exchange, Inc. (BATO)	0.86	0.00	0.01	0.00	4.38	0.0000	0.0000	-75.3000	-54.5652	-23.5000	-50.0000	-28,527.6500	-51.6946
Nasdaq ISE, LLC (XISX)	0.76	0.00	0.00	0.00	3.87	0.0000	0.0000	-18.8600	-21.9302	-0.8200	-41.0000	16,458.7800	18.7883

### Material Aspects:

Citadel Securities LLC (CDRG):

Firm not charged, Citadel Securities LLCs recent reports pursuant to SEC Rule 606(a) are available at: <https://www.citadelsecurities.com/rule-605-606-statements/>

Global Execution Brokers, LP (GEBB):

Firm not charged.

Matrix Executions, LLC (RSKY):

Firm not charged; however, Firm pays exchange and regulatory fees, less exchange rebates where applicable, for any orders that are routed by the Wealth Management division and cleared by the Firm following execution Rebates received by Firm may exceed fees paid by Firm, Matrix Executions, LLCs recent reports pursuant to SEC Rule 606(a) are available at: <https://www.matrixexecutions.com/rule-606>,

Nasdaq PHLX LLC (XPHO):  
Firm did not qualify for tiered pricing, Firm received marketing fees from preferred market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/phlx/rules/phlx-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Dash Financial Technologies LLC (DFIN):  
Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, Firm is charged \$.05/contract for 0-500,000 contracts, \$.04/contract for 500,001-1 million contracts, and \$.03/contract for greater than 1 million contracts, Firm qualified for the \$.03/contract discounted tier, Dash Financial Technologies LLCs most recent report pursuant to SEC Rule 606(a) is available at: <http://dash-website-static.s3-website-us-east-1.amazonaws.com/static/606.html>

Cboe Exchange, Inc. (CBOE):  
Firm did not qualify for tiered pricing with respect to customer order flow, Firm received marketing fees from preferred market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://cdn.cboe.com/resources/membership/Cboe\\_FeeSchedule.pdf](https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

NYSE Arca Options (ARCO):  
Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Nasdaq Options Market (XNDQ):  
Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe BZX Exchange, Inc. (BATO):  
Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://markets.cboe.com/us/options/membership/fee\\_schedule/bzx/](https://markets.cboe.com/us/options/membership/fee_schedule/bzx/), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Nasdaq ISE, LLC (XISX):  
Firm did not qualify for tiered pricing, Firm received marketing fees from preferred market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

## March 2021

### 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	65.55	4.88	21.82	7.75

### Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	30.42	39.26	36.84	7.79	15.03	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Jane Street Capital, LLC (JNST)	26.98	38.68	32.44	0.16	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas LLC (NITE)	9.97	9.95	12.45	7.72	14.87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
The Nasdaq Stock Market (NSDQ)	9.95	0.00	1.17	35.81	27.00	-3.6330	-10.4728	-197.3303	-26.4539	9,928.6209	28.5104	241.8082	3.0193

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)
UBS Securities LLC (UBSS)	9.81	9.74	12.53	7.64	14.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
New York Stock Exchange LLC (NYSE)	5.29	0.05	0.81	13.92	28.19	-22.5628	-5.5240	-252.6651	-25.5217	3,329.2450	17.3357	265.1324	1.3051
Cboe EDGX Exchange, Inc. (EDGX)	2.84	0.00	0.61	12.91	0.00	0.0000	0.0000	-349.7720	-26.5288	2,813.5594	15.2768	-0.9996	-28.0000
Two Sigma Securities, LLC (SOHO)	1.64	2.32	2.46	0.00	0.04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NYSE Arca, Inc. (ARCA)	1.60	0.00	0.39	7.24	0.01	0.0000	0.0000	-286.1060	-29.9942	1,955.3610	24.0953	1.3250	12.9268
Cboe BZX Exchange, Inc. (BATS)	1.50	0.00	0.30	6.81	0.00	0.0000	0.0000	-74.1018	-29.6218	2,108.2125	26.3191	-0.2130	-5.0000

#### Material Aspects:

Citadel Securities LLC (CDRG):

Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

Jane Street Capital, LLC (JNST):

Firm not charged.

Virtu Americas LLC (NITE):

Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

The Nasdaq Stock Market (NSDQ):

Firm qualified for (1) the rebate provided for adding over 0,60% of the total consolidated volume and removing over 0,80% of the total consolidated volume (\$0.0029 per share for adding displayed liquidity), (2) Closing Cross Tier B (a fee of \$0.0011 per share for orders participating in the Closing Cross), (3) the rebate provided for adding over 0,03% of the total consolidated volume of non-displayed liquidity, including midpoint orders, for Tape A/B securities (\$0.0010 per share) and Tape C securities (\$0.0005 per share) for adding non-displayed liquidity, (4) the rebate provided for executing ADV of at least 1 million shares through midpoint and Midpoint Extended Life Orders and increasing the volume of such orders by 10% or more versus the volume of such orders in April 2019 for Tape A/B securities (\$0.0019 per share) and Tape C securities (\$0.0013 per share) for adding displayed liquidity, and (5) a cap of \$35,000 for opening cross charges from Market-On-Open and Limit-On-Open orders, The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

UBS Securities LLC (UBSS):

Firm not charged.

New York Stock Exchange LLC (NYSE):

Firm qualified for Providing Tier 3 (rebate of \$0.0018 per share for adding displayed liquidity in Tape A securities), MOC/LOC Tier 1 (a fee of \$0.0004 per share for Market-On-Close orders and a fee of \$0.0007 per share for Limit-On-Close orders), NYSE dQuote Tier 1 charges applicable for Executions at the Close after the first 750,000 ADV of aggregate executions at the close (a reduced fee of \$0.0008 per share for d-Quotes last modified in the last 3 minutes before the scheduled close of trading), Remove Tier 1 for Tape A securities (a fee of \$0.00275 per share for removing liquidity), and Tape B and Tape C securities (a fee of \$0.00285 per share for removing liquidity), and Routing Tier 1 for adding average daily volume in Tapes A, B and C combined that is at least 0.20% of Tapes A, B and C consolidated average daily volume combined (a fee of \$0.0030 per share for orders routed). The venue provided a fee cap of \$35,000 for the month for opening executions. The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.nyse.com/markets/nyse/trading-info/fees>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe EDGX Exchange, Inc. (EDGX):

Firm subject to reduced internalization fees for adding and removing displayed liquidity (a 0.00040 reduced fee on internalization), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://www.cboe.com/us/equities/membership/fee_schedule/edgx/), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Two Sigma Securities, LLC (SOHO):

Firm not charged.

NYSE Arca, Inc. (ARCA):

Firm qualified for Tier 3 (a rebate of \$0.0025 for adding liquidity in Tape A and Tape C securities and \$0.0022 for adding liquidity in Tape B securities), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe BZX Exchange, Inc. (BATS):

Firm qualified for Add/Remove Volume Tier 2 for having average daily added volume as a percentage of total consolidated volume of at least 0.20%, (an incremental rebate of \$0.0007 per share for adding displayed liquidity). The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/bzx/](https://www.cboe.com/us/equities/membership/fee_schedule/bzx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

## March 2021

### 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	53.66	6.98	30.22	9.13

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	26.87	38.15	34.48	7.89	17.47	0.0000	0.0000	-24.6695	-0.0089	0.0000	0.0000	-2.7500	-0.0036
Jane Street Capital, LLC (JNST)	22.52	37.92	30.03	0.21	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
The Nasdaq Stock Market (NSDQ)	13.70	0.07	1.08	37.68	24.33	-501.9817	-14.3971	-1,921.4577	-26.6987	113,330.7365	26.9107	4,289.8941	5.8468
Virtu Americas LLC (NITE)	10.29	10.03	13.70	7.68	17.83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS Securities LLC (UBSS)	10.08	9.79	12.83	7.74	17.45	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
New York Stock Exchange LLC (NYSE)	6.60	0.28	1.09	16.33	15.69	-305.5245	-3.0096	-874.8837	-18.0029	25,115.6679	17.3122	1,749.7089	3.8581
Cboe EDGX Exchange, Inc. (EDGX)	3.29	0.00	0.78	10.69	0.02	0.0000	0.0000	-1,606.1104	-27.4353	9,900.8304	14.8739	-26.7652	-28.0000
NYSE Arca, Inc. (ARCA)	2.98	0.01	0.91	7.83	6.00	-34.9397	-29.2285	-1,713.6609	-18.2467	13,666.7012	22.3588	-2,199.7962	-11.6835
Two Sigma Securities, LLC (SOHO)	2.36	3.75	4.62	0.05	0.08	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe BZX Exchange, Inc. (BATS)	1.31	0.00	0.48	3.90	1.08	-0.3750	-30.0000	-828.3393	-29.1902	5,072.4540	25.0676	-299.7024	-4.6770

Material Aspects:

Citadel Securities LLC (CDRG):  
Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

Jane Street Capital, LLC (JNST):  
Firm not charged

The Nasdaq Stock Market (NSDQ):  
Firm qualified for (1) the rebate provided for adding over 0,60% of the total consolidated volume and removing over 0,80% of the total consolidated volume (\$0.0029 per share for adding displayed liquidity), (2) Closing Cross Tier B (a fee of \$0.0011 per share for orders participating in the Closing Cross), (3) the rebate provided for adding over 0,03% of the total consolidated volume of non-displayed liquidity, including midpoint orders, for Tape A/B securities (\$0.0010 per share) and Tape C securities (\$0.0005 per share) for adding non-displayed liquidity, (4) the rebate provided for executing ADV of at least 1 million shares through midpoint and Midpoint Extended Life Orders and increasing the volume of such orders by 10% or more versus the volume of such orders in April 2019 for Tape A/B securities (\$0.0019 per share) and Tape C securities (\$0.0013 per share) for adding displayed liquidity, and (5) a cap of \$35,000 for opening cross charges from Market-On-Open and Limit-On-Open orders, The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Virtu Americas LLC (NITE):  
Firm not charged for orders routed by the Wealth Management division or the Corporate and Investment Bank division, except as noted below, Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, for any orders routed by the Wealth Management division on behalf of its clients for handling by the brokers algorithms,

UBS Securities LLC (UBSS):  
Firm not charged.

New York Stock Exchange LLC (NYSE):  
Firm qualified for Providing Tier 3 (rebate of \$0.0018 per share for adding displayed liquidity in Tape A securities), MOC/LOC Tier 1 (a fee of \$0.0004 per share for Market-On-Close orders and a fee of \$0.0007 per share for Limit-On-Close orders), NYSE dQuote Tier 1 charges applicable for Executions at the Close after the first 750,000 ADV of aggregate executions at the close (a reduced fee of \$0.0008 per share for d-Quotes last modified in the last 3 minutes before the scheduled close of trading), Remove Tier 1 for Tape A securities (a fee of \$0.00275 per share for removing liquidity), and Tape B and Tape C securities (a fee of \$0.00285 per share for removing liquidity), and Routing Tier 1 for adding average daily volume in Tapes A, B and C combined that is at least 0.20% of Tapes A, B and C consolidated average daily volume combined (a fee of \$0.0030 per share for orders routed). The venue provided a fee cap of \$35,000 for the month for opening executions. The Firm achieved the aforementioned tiers based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.nyse.com/markets/nyse/trading-info/fees>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe EDGX Exchange, Inc. (EDGX):  
Firm subject to reduced internalization fees for adding and removing displayed liquidity (a 0.00040 reduced fee on internalization), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://www.cboe.com/us/equities/membership/fee_schedule/edgx/), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

NYSE Arca, Inc. (ARCA):  
Firm qualified for Tier 3 (a rebate of \$0.0025 for adding liquidity in Tape A and Tape C securities and \$0.0022 for adding liquidity in Tape B securities), The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Two Sigma Securities, LLC (SOHO):  
Firm not charged.

Cboe BZX Exchange, Inc. (BATS):  
Firm qualified for Add/Remove Volume Tier 2 for having average daily added volume as a percentage of total consolidated volume of at least 0.20%, (an incremental rebate of \$0.0007 per share for adding displayed liquidity). The Firm achieved the aforementioned tier based on its aggregated order flow for the month, i.e., not limited to the held, non-directed order flow that is the subject of this report. A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/equities/membership/fee\\_schedule/bzx/](https://www.cboe.com/us/equities/membership/fee_schedule/bzx/) Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice.

March 2021

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
74.43	9.44	22.24	48.33	19.99

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Citadel Securities LLC (CDRG)	29.41	33.36	34.36	35.38	7.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Global Execution Brokers, LP (GEBB)	28.65	33.39	34.06	35.25	4.44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Matrix Executions, LLC (RSKY)	25.06	33.25	31.48	29.24	3.94	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-4,249.0100	-7.5640
Nasdaq PHLX LLC (XPHO)	7.44	0.00	0.09	0.13	36.86	0.0000	0.0000	257.2500	23.1757	580.2950	19.3367	108,738.2700	26.6599
Dash Financial Technologies LLC (DFIN)	3.57	0.00	0.00	0.00	17.87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-23,402.3100	-2.1020
Cboe Exchange, Inc. (CBOE)	1.55	0.00	0.00	0.00	7.77	0.0000	0.0000	13.3325	19.8993	0.7425	24.7500	-39,177.1875	-20.0597
NYSE Arca Options (ARCO)	1.23	0.00	0.00	0.00	6.16	0.0000	0.0000	-49.5500	-49.5500	7.3350	24.4500	11,893.2500	16.5783
Nasdaq Options Market (XNDQ)	1.17	0.00	0.01	0.00	5.86	0.0000	0.0000	-185.0100	-48.6868	7.5680	9.9579	-28,627.1480	-33.2395
Cboe BZX Exchange, Inc. (BATO)	0.97	0.00	0.00	0.00	4.86	0.0000	0.0000	-58.5000	-50.0000	0.0000	0.0000	-32,483.5000	-53.1184
Nasdaq ISE, LLC (XISX)	0.95	0.00	0.00	0.00	4.78	0.0000	0.0000	-37.0000	-37.0000	-72.1500	-37.0000	6,777.4100	6.2590

#### Material Aspects:

Citadel Securities LLC (CDRG):

Firm not charged, Citadel Securities LLCs recent reports pursuant to SEC Rule 606(a) are available at: <https://www.citadelsecurities.com/rule-605-606-statements/>

Global Execution Brokers, LP (GEBB):

Firm not charged.

Matrix Executions, LLC (RSKY):

Firm not charged; however, Firm pays exchange and regulatory fees, less exchange rebates where applicable, for any orders that are routed by the Wealth Management division and cleared by the Firm following execution Rebates received by Firm may exceed fees paid by Firm, Matrix Executions, LLCs recent reports pursuant to SEC Rule 606(a) are available at: <https://www.matrixexecutions.com/rule-606>

Nasdaq PHLX LLC (XPHO):

Firm did not qualify for tiered pricing, Firm received marketing fees from preferenced market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/phlx/rules/phlx-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Dash Financial Technologies LLC (DFIN):

Firm charged commission plus exchange, regulatory, market data, and clearing fees, less exchange rebates where applicable, Firm is charged \$,05/contract for 0-500,000 contracts, \$,04/contract for 500,001-1 million contracts, and \$,03/contract for greater than 1 million contracts, Firm qualified for the \$,03/contract discounted tier, Dash Financial Technologies LLCs most recent report pursuant to SEC Rule 606(a) is available at: <http://dash-website-static,s3-website-us-east-1,amazonaws.com/static/606.html>

Cboe Exchange, Inc. (CBOE):

Firm did not qualify for tiered pricing with respect to customer order flow, Firm received marketing fees from preferenced market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://cdn.cboe.com/resources/membership/Cboe\\_FeeSchedule.pdf](https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

NYSE Arca Options (ARCO):

Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Nasdaq Options Market (XNDQ):

Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Cboe BZX Exchange, Inc. (BATO):

Firm did not qualify for tiered pricing, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://markets.cboe.com/us/options/membership/fee\\_schedule/bzx/](https://markets.cboe.com/us/options/membership/fee_schedule/bzx/), Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice

Nasdaq ISE, LLC (XISX):

Firm did not qualify for tiered pricing, Firm received marketing fees from preferenced market makers pursuant to marketing fee program sponsored by exchange, A description of the current fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7>, Please note the exchange's publicly available Fees Schedule URL link and applicable rates may change without notice