WALL STREET ACCESS - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2023

July 2023

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
95.09	46.54	18.58	15.92	18.96

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)
Virtu Americas, LLC	42.12	76.16	5.61	30.05	4.47	-132.85	-5.0000	-202.68	-5.0000	-50.93	-5.0000	-583.90	-5.0000
The Nasdaq Stock Market	18.09	0.00	61.19	18.13	20.21	0.00	0.0000	-1,349.53	-30.0000	240.79	20.0000	-880.50	-10.0000
WALL STREET ACCESS	10.41	0.02	3.16	32.57	24.41	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.53	0.11	10.21	4.35	20.53	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.83	3.53	7.65	10.89	0.16	-598.87	-30.0000	-444.81	-30.0000	428.84	20.0000	-12.36	-10.0000
CITADEL SECURITIES LLC	3.91	7.63	0.00	1.26	0.82	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Credit Suisse Securities LLC	3.79	0.02	8.61	0.19	11.34	-1.25	-5.0000	-132.96	-5.0000	-1.70	-5.0000	-312.82	-5.0000
Cowen and Company, LLC	2.49	1.36	1.96	0.51	7.46	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:

Virtu Americas, LLC (NITE)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2. For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
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We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

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The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We recieve $0.002 for adding liquidity and pay $0.003 for removing liquidity.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

Credit Suisse Securities LLC:
Credit Suisse Securities (USA) LLC (CSFB)
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We pay CSFB $0.005 per share for equity executions. We may receive pass through rebates from CSFB for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Cowen and Company, LLC (ATMC)
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We pay $0.002 per share in execution fees for use of their execution algos.

July 2023

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
89.60	35.15	20.98	26.43	17.45

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)
Virtu Americas, LLC	40.93	77.17	6.46	43.47	5.53	-243.26	-5.0000	-220.57	-5.0000	-112.99	-5.0000	-168.57	-5.0000
The Nasdaq Stock Market	16.47	0.00	48.12	8.91	23.05	0.00	0.0000	-1,073.98	-30.0000	164.91	20.0000	-931.97	-10.0000
WALL STREET ACCESS	13.94	0.23	6.33	27.55	30.10	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.14	0.03	11.31	4.99	13.96	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	5.55	4.11	9.24	7.88	0.51	-503.30	-30.0000	-774.30	-30.0000	675.27	20.0000	-24.53	-10.0000
Credit Suisse Securities LLC	5.38	0.03	14.61	0.70	12.18	-0.75	-5.0000	-307.75	-5.0000	-41.87	-5.0000	-198.95	-5.0000
Cowen and Company, LLC	1.95	1.56	1.86	0.44	5.13	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE/VALR)
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We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router. For orders routed to Virtu Americas agency desk, we pay $0.0015 per share for execution fees.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

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July 2023

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	1.73	19.28	29.31	49.61

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)
NASDAQ OPTIONS MARKET	27.84	3.50	3.10	76.39	9.66	0.00	0.0000	-64.54	-8.4921	-11,971.42	-34.1212	-789.15	-44.2845
NYSE ARCA OPTIONS	15.77	0.39	0.66	13.05	23.78	0.00	0.0000	-143.12	-55.6887	-6,662.88	-44.5499	894.64	9.1814
Chicago Board Options Exchange	7.83	5.84	11.93	0.28	10.79	0.00	0.0000	-105.79	-2.4780	33.12	32.4701	-56.54	-2.6250
CBOE EDGX OPTIONS EXCHANGE	7.79	9.73	9.91	0.32	11.32	0.00	0.0000	-3.44	-0.5575	-71.56	-43.8998	7.50	0.2820
MIAMI INTERNATIONAL SECURITIES EXCHANGE	7.36	17.51	13.29	0.99	8.47	0.00	0.0000	-48.36	-2.0075	-9.57	-5.8018	-91.31	-4.9790
NYSE AMEX OPTIONS	5.73	13.62	13.53	0.37	5.58	0.00	0.0000	3.56	0.4844	-14.07	-27.0640	-7.74	-2.1864
PHILADELPHIA OPTIONS EXCHANGE	5.66	4.67	5.30	0.14	9.09	0.00	0.0000	19.75	5.1299	-10.13	-28.9404	-37.06	-2.3250
INTERNATIONAL SECURITIES EXCHANGE, LLC	5.20	2.33	1.36	0.34	9.65	0.00	0.0000	-24.36	-12.1800	39.68	36.7407	257.96	8.3699
BOX Exchange LLC	5.02	4.28	8.75	0.85	6.04	0.00	0.0000	0.95	0.1143	-83.27	-22.4447	-65.71	-6.1297
MIAX EMERALD, LLC	2.44	5.06	5.65	2.52	1.06	0.00	0.0000	0.00	0.0000	74.93	27.8550	-30.87	-27.8108

Material Aspects:

NASDAQ OPTIONS MARKET:
NASDAQ Options Market (NOM)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207

NYSE ARCA OPTIONS:
NYSE ARCA Options (ARCA)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Chicago Board Options Exchange:
CBOE Exchange, Inc. (CBOE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

CBOE EDGX OPTIONS EXCHANGE:
CBOE EDGX Options Exchange (EDGO)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

MIAMI INTERNATIONAL SECURITIES EXCHANGE:

MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

NYSE AMEX OPTIONS:
NYSE American (AMEX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

PHILADELPHIA OPTIONS EXCHANGE:
NASDAQ PHLX (PHLX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%207

INTERNATIONAL SECURITIES EXCHANGE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

BOX Exchange LLC:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

MIAX EMERALD, LLC:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

August 2023

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
99.06	54.47	12.66	17.45	15.41

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)
Virtu Americas, LLC	43.55	68.94	4.33	27.74	3.90	-175.71	-5.0000	-57.15	-5.0000	-34.68	-5.0000	-317.01	-5.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
The Nasdaq Stock Market	13.51	0.00	57.49	18.69	19.24	0.00	0.0000	-923.87	-30.0000	158.22	20.0000	-507.21	-10.0000
WALL STREET ACCESS	10.20	0.05	4.04	32.03	26.41	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	5.99	9.92	0.12	1.70	1.78	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.97	3.42	7.49	12.40	0.00	-600.98	-30.0000	-389.76	-30.0000	423.87	20.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	4.37	0.08	7.79	3.36	17.85	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Cowen and Company, LLC	3.94	1.62	5.91	1.44	13.37	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	3.14	5.40	0.06	0.89	0.24	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	3.08	5.25	0.12	0.76	0.43	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2. For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

NYSE Arca, Inc.:

NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We recieve $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Cowen and Company, LLC (ATMC)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

Jane Street Capital:
Jane Street Capital (JNST)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

G1 Execution Services, LLC:
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

August 2023

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
93.77	32.86	18.22	27.12	21.79

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Virtu Americas, LLC	39.91	77.82	8.18	43.33	5.02	-229.94	-5.0000	-149.06	-5.0000	-94.40	-5.0000	-84.67	-5.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
The Nasdaq Stock Market	18.46	0.02	48.58	13.94	26.72	-0.33	-30.0000	-1,043.57	-30.0000	199.57	20.0000	-1,648.35	-10.0000
WALL STREET ACCESS	15.14	0.30	6.62	25.41	31.88	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.36	0.20	12.89	5.43	11.33	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	5.02	5.22	7.96	6.81	0.04	-758.31	-30.0000	-449.60	-30.0000	469.78	20.0000	-5.00	-10.0000
Credit Suisse Securities LLC	4.74	0.00	13.24	0.30	10.29	0.00	0.0000	-376.86	-5.0000	-3.66	-5.0000	-282.72	-5.0000
Cowen and Company, LLC	2.87	2.29	2.04	1.02	6.73	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE/VALR)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router. For orders routed to Virtu Americas agency desk, we pay $0.0015 per share for execution fees.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2 For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

NYSE Arca, Inc.:

NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Credit Suisse Securities LLC:
Credit Suisse Securities (USA) LLC (CSFB)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay CSFB $0.005 per share for equity executions. We may receive pass through rebates from CSFB for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

August 2023

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	1.46	11.96	50.96	35.57

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)
NASDAQ OPTIONS MARKET	57.70	1.85	6.49	91.59	28.76	0.00	0.0000	121.32	2.9361	-36,508.71	-39.4906	-1,273.93	-34.4212
NYSE ARCA OPTIONS	9.38	0.18	0.52	5.87	17.75	0.00	0.0000	189.15	20.2516	-12,380.83	-52.8598	1,170.47	12.0866
CBOE EDGX OPTIONS EXCHANGE	4.78	14.79	10.94	0.05	9.07	0.00	0.0000	69.32	8.4951	19.08	32.3390	72.31	1.8584
Chicago Board Options Exchange	4.32	4.99	11.60	0.11	7.89	0.00	0.0000	-102.88	-1.9079	164.16	55.8369	-75.92	-2.6250
MIAMI INTERNATIONAL SECURITIES EXCHANGE	3.48	9.98	10.47	0.25	5.48	0.00	0.0000	-34.73	-0.9497	-1.25	-1.0000	-165.66	-6.2093

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)
NYSE AMEX OPTIONS	3.37	19.59	13.34	0.05	4.11	0.00	0.0000	7.80	0.8874	60.90	45.1147	-16.88	-3.4385
INTERNATIONAL SECURITIES EXCHANGE, LLC	3.21	0.55	2.19	0.06	8.17	0.00	0.0000	-65.13	-7.8375	20.15	47.9762	936.96	17.9220
PHILADELPHIA OPTIONS EXCHANGE	3.10	5.73	4.20	0.04	7.01	0.00	0.0000	4.59	1.0929	20.70	39.0566	-59.85	-2.5000
BOX Exchange LLC	2.51	1.11	9.04	0.02	3.93	0.00	0.0000	249.70	14.2604	0.00	0.0000	27.74	2.0457

Material Aspects:

NASDAQ OPTIONS MARKET:
NASDAQ Options Market (NOM)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207

NYSE ARCA OPTIONS:
NYSE ARCA Options (ARCA)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

CBOE EDGX OPTIONS EXCHANGE:
CBOE EDGX Options Exchange (EDGO)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

Chicago Board Options Exchange:
CBOE Exchange, Inc. (CBOE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

MIAMI INTERNATIONAL SECURITIES EXCHANGE:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

NYSE AMEX OPTIONS:
NYSE American (AMEX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

INTERNATIONAL SECURITIES EXCHANGE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

PHILADELPHIA OPTIONS EXCHANGE:

NASDAQ PHLX (PHLX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%207

BOX Exchange LLC:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

September 2023

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
99.22	52.43	14.32	17.04	16.20

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)
Virtu Americas, LLC	47.37	74.25	6.28	31.23	13.70	-144.11	-5.0000	-58.38	-5.0000	-41.86	-5.0000	-76.55	-5.0000
The Nasdaq Stock Market	12.99	0.00	58.33	14.10	13.75	0.00	0.0000	-588.11	-30.0000	100.88	20.0000	-284.75	-10.0000
WALL STREET ACCESS	10.10	0.13	2.56	32.26	25.73	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.38	0.10	14.83	5.95	19.69	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	5.35	8.92	0.00	1.90	2.16	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Cowen and Company, LLC	4.24	1.55	6.83	1.08	13.97	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	2.98	4.88	0.00	0.87	1.67	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	2.66	0.43	3.78	10.10	1.02	-64.40	-30.0000	-116.10	-30.0000	360.19	20.0000	-24.54	-10.0000

Material Aspects:

Virtu Americas, LLC:

Virtu Americas, LLC (NITE)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2. For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

Cowen and Company, LLC:
Cowen and Company, LLC (ATMC)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

Jane Street Capital:
Jane Street Capital (JNST)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We recieve $0.002 for adding liquidity and pay $0.003 for removing liquidity.

September 2023

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
93.18	36.28	16.73	26.57	20.41

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)
Virtu Americas, LLC	48.34	83.83	14.87	46.39	15.24	-207.10	-5.0000	-65.32	-5.0000	-47.79	-5.0000	-42.70	-5.0000
WALL STREET ACCESS	13.87	0.33	4.29	24.63	31.79	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
The Nasdaq Stock Market	12.45	0.00	43.85	11.14	10.56	0.00	0.0000	-523.14	-30.0000	108.48	20.0000	-219.39	-10.0000
Matrix Executions, LLC / Simplex Trading, LLC	8.39	0.06	18.14	6.10	18.18	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Cowen and Company, LLC	4.92	2.28	6.99	0.93	13.14	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	3.51	0.53	4.10	6.70	4.15	-36.27	-30.0000	-88.01	-30.0000	457.88	20.0000	-125.04	-10.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE/VALR)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router. For orders routed to Virtu Americas agency desk, we pay $0.0015 per share for execution fees.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

The Nasdaq Stock Market:

The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2 For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

September 2023

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	1.39	11.02	40.14	47.40

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)
NASDAQ OPTIONS MARKET	49.13	0.56	6.84	93.18	23.13	0.00	0.0000	-404.61	-28.6551	-17,886.48	-41.6672	-901.07	-43.1961
NYSE ARCA OPTIONS	9.01	0.28	3.17	3.51	15.29	0.00	0.0000	-16.92	-3.8281	-2,599.61	-57.5644	747.78	9.8005

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)
CBOE EDGX OPTIONS EXCHANGE	6.50	13.73	10.61	0.00	10.84	0.00	0.0000	2.64	0.6097	1.56	52.0000	-17,652.40	-35.2013
MIAMI INTERNATIONAL SECURITIES EXCHANGE	6.09	6.72	8.77	0.42	10.24	0.00	0.0000	-28.28	-1.8128	-0.75	-0.7653	-4,356.05	-58.4078
BOX Exchange LLC	4.90	28.85	19.56	0.01	4.94	0.00	0.0000	35.26	2.3728	0.00	0.0000	32.32	11.7956
Chicago Board Options Exchange	4.23	5.04	11.91	0.05	5.96	0.00	0.0000	-17.72	-0.7601	32.96	70.1330	-46.99	-2.6250
INTERNATIONAL SECURITIES EXCHANGE, LLC	4.11	1.68	1.23	0.01	8.32	0.00	0.0000	43.69	14.6120	78.09	81.3438	49.74	1.3138
MIAX EMERALD, LLC	3.16	18.49	9.51	0.33	3.62	0.00	0.0000	37.67	7.1752	0.00	0.0000	-43.35	-15.1045
PHILADELPHIA OPTIONS EXCHANGE	2.94	4.76	4.65	0.04	4.95	0.00	0.0000	25.58	5.7223	27.30	68.2500	-30.20	-2.5000

Material Aspects:

NASDAQ OPTIONS MARKET:
NASDAQ Options Market (NOM)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207

NYSE ARCA OPTIONS:
NYSE ARCA Options (ARCA)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

CBOE EDGX OPTIONS EXCHANGE:
CBOE EDGX Options Exchange (EDGO)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

MIAMI INTERNATIONAL SECURITIES EXCHANGE:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

BOX Exchange LLC:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

Chicago Board Options Exchange:

CBOE Exchange, Inc. (CBOE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

INTERNATIONAL SECURITIES EXCHANGE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

MIAX EMERALD, LLC:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

PHILADELPHIA OPTIONS EXCHANGE:
NASDAQ PHLX (PHLX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%207