

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

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4th Quarter, 2024

October 2024

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
98.66	58.13	1.48	38.92	1.48

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	59.32	56.64	36.49	65.93	13.51	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
WALL STREET ACCESS	8.49	0.00	0.00	21.82	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	7.52	10.91	4.05	1.74	29.73	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	5.36	7.41	4.05	1.69	22.97	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Hudson River Trading (Hrt)	5.26	7.55	4.05	1.69	10.81	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	3.95	5.83	1.35	1.08	8.11	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
StoneX Financial, Inc.	2.97	4.39	1.35	0.77	6.76	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.

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)

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Jane Street Capital:

Jane Street Capital (JNST)

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Hudson River Trading (Hrt):

Hudson River Trading (HRTF)

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G1 Execution Services, LLC:

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StoneX Financial, Inc.:

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October 2024

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
98.67	42.92	2.98	50.01	4.10

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	60.13	52.57	44.75	71.67	9.64	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	7.06	10.89	4.42	2.86	20.08	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
WALL STREET ACCESS	6.91	0.00	0.00	13.82	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	5.83	9.43	2.21	2.07	16.47	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	4.84	7.32	2.76	2.14	13.25	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Two Sigma Securities, LLC	3.57	5.48	2.21	1.45	10.44	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Hudson River Trading (Hrt)	2.78	4.29	1.10	0.79	12.45	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

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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.

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Two Sigma Securities, LLC:

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Hudson River Trading (Hrt):

Hudson River Trading (HRTF)

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October 2024

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	0.54	19.90	54.17	25.39

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)
The NASDAQ Options Market LLC	69.82	0.99	60.97	79.26	58.08	1.00	10.0000	-25,329.36	-44.3736	-83,129.80	-46.1222	-6,785.58	-50.3867
Jane Street Capital	16.77	0.00	34.86	18.07	0.18	0.00	0.0000	-67,785.41	-51.5467	-130,224.07	-50.9123	-479.93	-47.0981
Cboe EDGX Exchange, Inc.	3.70	10.67	0.33	0.13	13.81	8.09	6.9139	-816.83	-58.0549	-997.25	-54.5246	-6,299.54	-41.1277

Material Aspects:

The NASDAQ Options Market LLC:

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 these 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>

Jane Street Capital:

-----Jane Street Capital (JNST)

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Cboe EDGX Exchange, Inc.:

CBOE EDGX Options Exchange (EDGO)

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November 2024

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
98.55	49.60	2.12	47.28	1.00

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	59.80	56.17	40.66	65.48	11.63	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
WALL STREET ACCESS	11.71	0.00	1.10	24.47	11.63	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	6.24	10.75	2.20	1.43	18.60	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	4.98	8.40	4.40	1.28	11.63	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Hudson River Trading (Hrt)	4.89	8.45	0.00	1.33	6.98	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	2.91	4.93	2.20	0.64	11.63	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)

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November 2024

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
98.69	46.83	3.12	45.05	5.00

Venues

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Virtu Americas, LLC	51.37	43.72	28.83	64.73	16.62	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	8.78	14.24	5.41	3.28	9.30	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	7.13	10.64	6.31	2.41	17.46	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
WALL STREET ACCESS	6.36	0.00	0.00	14.00	1.13	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	6.07	8.98	6.31	2.37	11.83	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
UBS Securities, LLC	4.73	6.64	3.60	2.19	10.42	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Two Sigma Securities, LLC	4.43	6.46	2.70	1.50	12.96	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Hudson River Trading (Hrt)	3.76	5.80	0.45	1.31	8.73	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

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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:

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UBS Securities, LLC:

UBS Securities, LLC (UBSS)

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Two Sigma Securities, LLC:

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Hudson River Trading (Hrt):

Hudson River Trading (HRTF)

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.

November 2024

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	0.48	19.40	55.26	24.86

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)
The NASDAQ Options Market LLC	67.63	0.86	10.49	95.97	50.51	0.70	10.0000	-3,211.72	-13.1963	-113,266.52	-45.4499	-8,003.19	-50.5635
Jane Street Capital	16.76	0.00	82.07	1.42	0.20	0.00	0.0000	-198,750.15	-52.1455	-11,429.61	-48.6097	-562.65	-47.0837
Cboe EDGX Exchange, Inc.	2.82	10.16	0.81	0.04	10.41	1.63	1.3341	-2,061.51	-36.3775	61.82	21.7676	-2,684.87	-33.5023
NYSE ARCA OPTIONS	2.61	47.74	0.50	1.68	5.44	41.70	10.0000	2,128.35	33.5808	-32,828.93	-39.8738	2,767.38	27.6131
Miami International Securities Exchange, LLC	2.23	2.69	0.39	0.02	8.56	3.10	10.0000	-545.68	-37.5810	40.89	38.9470	-3,463.31	-30.6298

Material Aspects:

The NASDAQ Options Market LLC:
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 these 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%20>

Jane Street Capital:

-----Jane Street Capital (JNST)

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 these 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.

Cboe EDGX Exchange, Inc.:

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 these 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/

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 these 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

Miami International Securities Exchange, 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 these 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>

December 2024

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
99.10	51.02	1.21	45.51	2.27

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	48.08	41.96	16.07	57.85	6.67	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
WALL STREET ACCESS	14.43	0.00	0.00	31.61	1.90	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

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)
CITADEL SECURITIES LLC	9.11	15.58	1.79	1.23	25.71	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	6.78	11.47	0.00	1.33	14.29	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	5.77	9.82	1.79	0.95	13.33	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Hudson River Trading (Hrt)	4.21	7.58	1.79	0.47	4.76	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
StoneX Financial, Inc.	3.74	6.31	0.00	0.76	7.62	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.

WALL STREET ACCESS:

Wall Street Access (WABR/VNDM)

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CITADEL SECURITIES LLC:

Citadel Securities LLC (CDRG)

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Jane Street Capital:

Jane Street Capital (JNST)

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G1 Execution Services, LLC:

G1 Execution Services, LLC

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Hudson River Trading (Hrt):

Hudson River Trading (HRTF)

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StoneX Financial, Inc.:

StoneX Financial, Inc. (INTL)

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December 2024

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
99.22	45.24	2.11	49.84	2.81

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	54.33	43.18	24.81	68.07	12.21	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Jane Street Capital	7.00	10.97	1.55	2.98	18.60	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	6.99	11.62	2.33	2.69	12.21	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
WALL STREET ACCESS	6.61	0.00	1.55	13.10	1.74	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	6.07	10.35	2.33	2.03	11.63	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Hudson River Trading (Hrt)	3.90	6.60	0.78	1.34	8.14	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Two Sigma Securities, LLC	3.75	6.31	0.00	1.11	12.21	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
UBS Securities, LLC	3.43	5.38	2.33	1.47	7.56	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.

**Jane Street Capital:
Jane Street Capital (JNST)**

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**CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)**

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**WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)**

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

**Hudson River Trading (Hrt):
Hudson River Trading (HRTF)**

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:

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Two Sigma Securities, 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.

**UBS Securities, LLC:
UBS Securities, LLC (UBSS)**

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.

December 2024

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	0.46	20.16	56.24	23.13

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)
The NASDAQ Options Market LLC	70.38	1.07	9.54	95.87	62.81	1.37	22.8333	-3,114.14	-12.6813	-133,187.28	-47.6619	-10,610.85	-54.8279
Jane Street Capital	17.81	0.00	84.06	1.45	0.20	0.00	0.0000	-230,580.66	-54.7480	-15,185.92	-49.3787	-537.60	-48.0000
Cboe EDGX Exchange, Inc.	3.37	7.59	0.58	0.04	13.82	9.10	10.0000	-2,171.51	-44.5438	2.47	7.9710	-3,280.69	-34.3348

Material Aspects:

The NASDAQ Options Market LLC:
NASDAQ Options Market (NOM)

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Jane Street Capital:

-----Jane Street Capital (JNST)

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 these 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.

Cboe EDGX Exchange, Inc.:

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 these 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/