

BNY - Held NMS Stocks and Options Order Routing Public Report

Generated on Mon Apr 15 2024 16:59:07 GMT-0400 (Eastern Daylight Time)

1st Quarter, 2024

January 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
100.00	0.00	0.00	0.00	100.00

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 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)
Pershing LLC	87.62	0.00	0.00	0.00	87.62	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.0000
Goldman, Sachs & Co.	8.36	0.00	0.00	0.00	8.36	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.0000
Morgan Stanley & Co., LLC	3.10	0.00	0.00	0.00	3.10	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.0000
Virtu Americas, LLC	0.93	0.00	0.00	0.00	0.93	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.0000

Material Aspects:

Pershing LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution and does not receive any payment for order flow from these venues. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of The Bank of New York Mellon Corporation. Pershing LLC may receive payment for order flow routed to these venues. BKCM does not receive any payments from Pershing LLC on its order flow.

Goldman, Sachs & Co.:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Morgan Stanley & Co., LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Virtu Americas, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM may receive compensation in the form of monetary rebates per executed share for routing equity orders to dealers. These dealers include Citadel, Virtu, Two Sigma Securities, IMC, Jane Street and Pershing LLC. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of the Bank of New York Mellon. Pershing LLC does not provide BKCM compensation for orders routed to BKCM.

January 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
100.00	0.00	0.00	0.00	100.00

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)
Pershing LLC	98.02	0.00	0.00	0.00	98.02	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman, Sachs & Co.	1.49	0.00	0.00	0.00	1.49	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Morgan Stanley & Co., LLC	0.50	0.00	0.00	0.00	0.50	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Pershing LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution and does not receive any payment for order flow from these venues. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of The Bank of New York Mellon Corporation. Pershing LLC may receive payment for order flow routed to Pershing LLC. BKCM does not receive any payments from Pershing LLC on its order flow.

Goldman, Sachs & Co.:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Morgan Stanley & Co., LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

January 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
--	---	---	---	--

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	64.76	7.62	23.81	3.81

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)
Dash Financial Technologies	47.62	73.53	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Citadel Securities, LLC	22.86	14.71	37.50	36.00	50.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Global Execution Brokers LP	20.00	7.35	50.00	40.00	50.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Wolverine Execution Services, LLC	9.52	4.41	12.50	24.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Dash Financial Technologies:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Citadel Securities, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Global Execution Brokers LP:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Wolverine Execution Services, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

February 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
100.00	0.00	0.00	0.00	100.00

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)
Pershing LLC	96.00	0.00	0.00	0.00	96.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman, Sachs & Co.	3.67	0.00	0.00	0.00	3.67	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
BNY Mellon Capital Markets, LLC	0.33	0.00	0.00	0.00	0.33	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Pershing LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution and does not receive any payment for order flow from these venues. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of The Bank of New York Mellon Corporation. Pershing LLC may receive payment for order flow routed to these venues. BKCM does not receive any payments from Pershing LLC on its order flow.

Goldman, Sachs & Co.:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

February 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
100.00	0.00	0.00	0.00	100.00

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)
BNY Mellon Capital Markets, LLC	58.43	0.00	0.00	0.00	58.43	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Pershing LLC	41.46	0.00	0.00	0.00	41.46	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman, Sachs & Co.	0.11	0.00	0.00	0.00	0.11	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Pershing LLC:

BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution and does not receive any payment for order flow from these venues. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of The Bank of New York Mellon Corporation. Pershing LLC may receive payment for order flow routed to Pershing LLC. BKCM does not receive any payments from Pershing LLC on its order flow.

Goldman, Sachs & Co.:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

February 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	55.45	4.95	37.62	1.98

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)
Dash Financial Technologies	39.60	55.36	80.00	13.16	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Citadel Securities, LLC	30.69	26.79	20.00	39.47	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Global Execution Brokers LP	19.80	12.50	0.00	28.95	100.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Wolverine Execution Services, LLC	9.90	5.36	0.00	18.42	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Dash Financial Technologies:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Citadel Securities, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Global Execution Brokers LP:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Wolverine Execution Services, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

March 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
100.00	0.00	0.00	0.00	100.00

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)
Pershing LLC	89.63	0.00	0.00	0.00	89.63	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman, Sachs & Co.	7.13	0.00	0.00	0.00	7.13	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Morgan Stanley & Co., LLC	3.24	0.00	0.00	0.00	3.24	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Pershing LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution and does not receive any payment for order flow from these venues. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of The Bank of New York Mellon Corporation. Pershing LLC may receive payment for order flow routed to these venues. BKCM does not receive any payments from Pershing LLC on its order flow.

Goldman, Sachs & Co.:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Morgan Stanley & Co., LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

March 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
100.00	0.00	0.00	0.00	100.00

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)
Pershing LLC	90.46	0.00	0.00	0.00	90.46	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman, Sachs & Co.	8.31	0.00	0.00	0.00	8.31	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Morgan Stanley & Co., LLC	0.62	0.00	0.00	0.00	0.62	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
BNY Mellon Capital Markets, LLC	0.62	0.00	0.00	0.00	0.62	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Pershing LLC:
BNY Mellon Capital Markets, LLC (“BKCM”) routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks (“ECNs”)) for execution and does not receive any payment for order flow from these venues. These broker-dealers and market centers may include dealers who make markets in these securities. BKCM and Pershing LLC are affiliated broker-dealers and subsidiaries of The Bank of New York Mellon Corporation. Pershing LLC may receive payment for order flow routed to Pershing LLC. BKCM does not receive any payments from Pershing LLC on its order flow.

Goldman, Sachs & Co.:
BNY Mellon Capital Markets, LLC (“BKCM”) routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks (“ECNs”)) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Morgan Stanley & Co., LLC:
BNY Mellon Capital Markets, LLC (“BKCM”) routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks (“ECNs”)) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

March 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	50.76	5.08	43.15	1.02

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)
Dash Financial Technologies	35.53	52.00	40.00	16.47	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Citadel Securities, LLC	34.52	25.00	20.00	48.24	0.00	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)
Global Execution Brokers LP	17.77	14.00	10.00	21.18	100.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Wolverine Execution Services, LLC	12.18	9.00	30.00	14.12	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Dash Financial Technologies:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Citadel Securities, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Global Execution Brokers LP:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.

Wolverine Execution Services, LLC:
BNY Mellon Capital Markets, LLC ("BKCM") routes non-directed equity orders to broker-dealers or market centers (i.e., primary exchanges or electronic communication networks ("ECNs")) for execution. These broker-dealers and market centers may include dealers who make markets in these securities.