

# DASH Financial Technologies LLC - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2021

**April 2021**

## S&P 500 Stocks

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
1.65	0.54	72.68	0.00	26.78

### 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	13.81	0.00	0.00	11.48	13.84					-2.3100	-0.3300	597.8500	0.2990
Choe EDGA	11.98	0.00	0.00	0.00	12.12							-190.8300	-0.2238
NYSE	11.92	0.00	0.00	11.48	11.94					-2.4700	-0.2245	404.2100	0.2930
IEX	10.76	0.00	0.00	0.00	10.88							61.6400	0.0659
Citadel ATS	9.93	0.00	0.00	0.00	10.05								
Choe EDGX	7.10	0.00	0.00	0.00	7.19							422.5200	0.2860
NYSE Arca	7.05	0.00	0.00	77.05	6.26					-11.4600	-0.2627	206.3800	0.2979
Virtu Americas LLC	5.93	0.00	0.00	0.00	6.01								
Choe BYX	5.62	0.00	0.00	0.00	5.69							-69.7700	-0.1220
NYSE American	3.96	0.00	0.00	0.00	4.01							123.9700	0.3000

### Material Aspects:

NASDAQ Exchange (NSDQ) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

CBOE EDGA U.S. Equities Exchange (EDGA) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edga/](https://markets.cboe.com/us/equities/membership/fee_schedule/edga/)

New York Stock Exchange (NYSE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nyse.com/markets/nyse/trading-info/fees>

Investors Exchange (IE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://extrading.com/trading/fees/>

Citadel (CITATS) - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Citadel. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

CBOE EDGX U.S. Equities Exchange (EDGX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/)

NYSE Arca Equities (ARCAE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/nyse\\_arca\\_marketplace\\_fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/nyse_arca_marketplace_fees.pdf)

Virtu - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Virtu. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

CBOE BYX U.S. Equities Exchange (BATY) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/byx/](https://markets.cboe.com/us/equities/membership/fee_schedule/byx/)

NYSE American Equities (XASE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-american/nyse\\_american\\_equities\\_price\\_list.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-american/nyse_american_equities_price_list.pdf)

Note: DASH accesses equities exchanges either directly or via a routing arrangement with Bank of America Securities (BoFAS). Under this arrangement, DASH receives a better rate if BoFAS has a better price tier than the base rate. In addition, for orders routed through BoFAS, DASH pays a small routing fee. Material aspects of BAML's relationships with various equities venues can be found here - [https://www.bofam.com/en-us/content/best\\_execution.html](https://www.bofam.com/en-us/content/best_execution.html)

**April 2021**

## Non-S&P 500 Stocks

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
1.05	0.71	77.86	0.00	21.43

### 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)
Choe EDGX	11.82	0.00	0.00	0.46	11.92							2656.1600	0.2799
NASDAQ	11.53	0.00	0.00	7.87	11.58					-13.7200	-0.3278	2782.4000	0.2952
NYSE National	9.59	0.00	0.00	0.00	9.67							-880.9400	-0.1477
Choe EDGA	7.75	0.00	0.00	0.00	7.82							-750.2100	-0.2506
IEX	7.67	0.00	0.00	0.00	7.73							236.0700	0.0645
Citadel ATS	7.05	0.00	0.00	0.00	7.11								
NYSE Arca	4.96	0.00	0.00	76.39	4.39					-31.7200	-0.2986	2,041.2600	0.2883
NYSE	4.79	0.00	0.00	14.81	4.73					-10.3700	-0.2254	1,562.7100	0.2845
Choe BYX	3.94	0.00	0.00	0.00	3.97							-376.5200	-0.1295
UBS ATS	3.09	0.00	0.00	0.00	3.12							12.4300	0.1000

### Material Aspects:

CBOE EDGX U.S. Equities Exchange (EDGX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/)

NASDAQ Exchange (NSDQ) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

NYSE National (NSX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/regulation/nyse/NYSE\\_National\\_Schedule\\_of\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/regulation/nyse/NYSE_National_Schedule_of_Fees.pdf)

CBOE EDGA U.S. Equities Exchange (EDGA) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edga/](https://markets.cboe.com/us/equities/membership/fee_schedule/edga/)

Investors Exchange (IE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://extrading.com/trading/fees/>

Citadel (CITATS) - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Citadel. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

NYSE Arca Equities (ARCAE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/nyse\\_arca\\_marketplace\\_fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/nyse_arca_marketplace_fees.pdf)

New York Stock Exchange (NYSE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nyse.com/markets/nyse/trading-info/fees>

CBOE BYX U.S. Equities Exchange (BATY) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/byx/](https://markets.cboe.com/us/equities/membership/fee_schedule/byx/)

UBS (UBS) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to UBS. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Note: DASH accesses equities exchanges either directly or via a routing arrangement with Bank of America Securities (BoFAS). Under this arrangement, DASH receives a better rate if BoFAS has a better price tier than the base rate. In addition, for orders routed through BoFAS, DASH pays a small routing fee. Material aspects of BAML's relationships with various equities venues can be found here - [https://www.bofam.com/en-us/content/best\\_execution.html](https://www.bofam.com/en-us/content/best_execution.html)

## April 2021

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.00	0.10	3.13	0.54	96.23

#### 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)
NYSE Arca	80.03	0.00	0.09	39.86	80.35					-977.2300	-0.8725	-396.423.9700	-0.5664
Cboe BZX	11.65	0.00	0.02	14.49	11.69					-172.4500	-0.5072	52.698.9000	0.3140
Cboe C1	2.23	0.00	27.80	13.77	2.13			-8,083.7000	-0.1520	-22.6200	-0.2900	9.509.2800	0.0309
MIAX	0.94	0.00	19.09	24.64	0.86			-10,593.4000	-0.2832	-154.6000	-0.3014	-38,222.3800	-0.2864
NYSE American	0.93	0.00	9.96	0.00	0.90			-155.0500	-0.1193			-2,091.0500	-0.0439
NASDAQ PHLX	0.82	0.00	0.00	5.80	0.82					-17.5000	-0.5833	-20,630.7400	-0.1804
BOX	0.77	0.00	21.60	0.00	0.69			-4,880.4700	-0.1867			-11,393.1400	-0.1627
NASDAQ ISE	0.68	0.00	4.84	0.00	0.67			7,009.1300	0.4202			-64,460.6300	-0.3093
Cboe EDGX	0.66	0.00	12.39	0.00	0.61			-1,365.0900	-0.5049			-21,144.4600	-0.4089
NASDAQ GEMX	0.41	0.00	3.29	0.00	0.39			6,553.7300	0.5860			36,065.0300	0.5234

#### Material Aspects:

NYSE ARCA Options (ARCA) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf)

CBOE BZX Options Exchange (BATZ) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://markets.cboe.com/us/options/membership/fee\\_schedule/bzx/](https://markets.cboe.com/us/options/membership/fee_schedule/bzx/)

CBOE Exchange, Inc. (CBOE) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to CBOE, Dash preferences Susquehanna for Exchange Marketing Fee purposes. However, Belvedere may be preferred for a subset of symbols. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://cdn.cboe.com/resources/membership/Cboe\\_FeeSchedule.pdf](https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf)

MIAX Options (MIAX) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.miaxoptions.com/sites/default/files/fee\\_schedule-files/MIAX\\_Options\\_Fee\\_Schedule\\_04292020.pdf](https://www.miaxoptions.com/sites/default/files/fee_schedule-files/MIAX_Options_Fee_Schedule_04292020.pdf)

NYSE American Options (AMEX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to AMEX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE\\_American\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf)

NASDAQ PHLX (PHLX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to PHLX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. However, Belvedere may be preferred for a subset of symbols. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/phlx/rules/PHLX%20Options%20>

BOX Options (BOX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://boxoptions.com/regulatory/fee-schedule/>

NASDAQ ISE (ISE) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%20>

CBOE EDGX Options Exchange (EDGX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to EDGX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://markets.cboe.com/us/options/membership/fee\\_schedule/edgx/](https://markets.cboe.com/us/options/membership/fee_schedule/edgx/)

NASDAQ GEMX (GEMIN) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/gemx/rules/GEMX%20Options%20>

Notes: (1) Exchanges have tiers that depend on a range of factors and may not necessarily apply to the orders covered by this report. The fee paid or rebate received for customer not-held orders that are subject to these disclosures is as disclosed in this public report. (2) DASH operates an ATS (DASH ATS) for certain orders. However, DASH ATS is not reported as a venue because the ATS does not execute subscriber orders, and no trades actually occur on DASH ATS. All transactions facilitated by the ATS occur through the automated auction facilities of registered options exchanges pursuant to the exchanges' rules. As such, DASH is paid a commission/fee by the subscribers, both originating order senders and the contra liquidity providers, of the ATS. The transactions facilitated by the ATS are subject to fee and rebate structures contained in the aforementioned agreements. (3) In addition to the marketing fee arrangements discussed above for CBOE, EDGX, AMEX and PHLX, MIAX, ISE and MRX have Marketing Fee arrangements which are described in the exchanges' fee schedules. Where such Marketing Fee arrangements exist, DASH may receive a portion of the fees for applicable transactions.

## May 2021

### S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
3.35	0.11	31.19	0.00	68.70

#### 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	15.81	0.00	0.00	12.24	15.84					-1.9700	-0.3283	886.7500	0.2972
IEX	12.08	0.00	0.00	0.00	12.15							108.1800	0.0628
Cboe EDGX	11.46	0.00	0.00	2.04	11.52					-0.3200	-0.3200	599.7900	0.2849
NYSE American	11.31	0.00	0.00	0.00	11.38							324.2400	0.2999
Cboe EDGA	10.69	0.00	0.00	0.00	10.76							-230.9100	-0.2380
NYSE National	6.55	0.00	0.00	0.00	6.59							-147.8300	-0.1500
NYSE	6.24	0.00	0.00	12.24	6.20					-1.3800	-0.2300	331.7000	0.2872
Citadel ATS	5.55	0.00	0.00	0.00	5.58								
NYSE Arca	4.72	0.00	0.00	71.43	4.34					-7.1100	-0.2803	171.0200	0.2577
Cboe BYX	3.71	0.00	0.00	0.00	3.73							-62.0800	-0.1193

#### Material Aspects:

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CBOE EDGX U.S. Equities Exchange (EDGX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/)

NYSE American Equities (XASE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE\\_American\\_Equities\\_Price\\_List.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE_American_Equities_Price_List.pdf)

CBOE EDGA U.S. Equities Exchange (EDGA) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edga/](https://markets.cboe.com/us/equities/membership/fee_schedule/edga/)

NYSE National (NSX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/regulation/nyse/NYSE\\_National\\_Schedule\\_of\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/regulation/nyse/NYSE_National_Schedule_of_Fees.pdf)

New York Stock Exchange (NYSE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nyse.com/markets/nyse/trading-info/fees>

Citadel (CITATS) - Dash received the nature identified in the disclosure for routing certain held orders in listed equities to Citadel. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

NYSE Arca Equities (ARCAE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf)

CBOE BYX U.S. Equities Exchange (BATY) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/bat/](https://markets.cboe.com/us/equities/membership/fee_schedule/bat/)

[https://markets.cboe.com/us/equities/membership/fee\\_schedule/byx/](https://markets.cboe.com/us/equities/membership/fee_schedule/byx/)

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## May 2021

### Non-S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
1.08	0.50	38.69	0.00	60.81

#### 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)
NASDAQ	17.93	0.00	0.00	6.99	18.02					-16.7200	-0.2229	3085.1200	0.2910
NYSE	8.91	0.00	0.00	7.53	8.93					-12.5800	-0.1544	3002.9200	0.2901
Cboe EDGA	6.69	0.00	0.00	0.00	6.74							-660.3600	-0.2518
IEX	6.31	0.00	0.00	0.00	6.36							203.3300	0.0667
Cboe EDGX	6.03	0.00	0.00	0.00	6.07							1136.0300	0.285
Citadel ATS	5.55	0.00	0.00	0.00	5.59								
NYSE Arca	5.30	0.00	0.00	85.48	4.82					-33.4600	-0.2423	1.097.6400	0.2820
NYSE American	5.02	0.00	0.00	0.00	5.06							821.9100	0.2999
Virtu Americas LLC	3.73	0.00	0.00	0.00	3.75								
GS SigmaX	3.31	0.00	0.00	0.00	3.34							2.8100	0.0699

#### Material Aspects:

NASDAQ Exchange (NASDAQ) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

New York Stock Exchange (NYSE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nyse.com/markets/nyse/trading-info/fees>

CBOE EDGA U.S. Equities Exchange (EDGA) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edga/](https://markets.cboe.com/us/equities/membership/fee_schedule/edga/)

Investors Exchange (IE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://iextrading.com/trading/fees/>

CBOE EDGX U.S. Equities Exchange (EDGX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/)

Citadel (CITATS) - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Citadel. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

NYSE Arca Equities (ARCAE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf)

NYSE American Equities (XASE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE\\_American\\_Equities\\_Price\\_List.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE_American_Equities_Price_List.pdf)

Virtu - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Virtu. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

Goldman Sachs (GSSIGX) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to Goldman Sachs. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Note: DASH accesses equities exchanges either directly or via a routing arrangement with Bank of America Securities (BoFAS). Under this arrangement, DASH receives a better rate if BoFAS has a better price tier than the base rate. In addition, for orders routed through BoFAS, DASH pays a small routing fee. Material aspects of BAML's relationships with various equities venues can be found here - [https://www.bofam.com/en-us/content/best\\_execution.html](https://www.bofam.com/en-us/content/best_execution.html)

## May 2021

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.00	0.09	4.29	0.74	94.88

#### 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)
NYSE Arca	74.04	0.00	0.00	32.46	74.48					-564.3400	-0.6554	-421.857.3600	-0.5422
Cboe BZX	13.71	0.00	0.00	19.90	13.79					-43.6300	-0.6512	76.302.0700	0.3353
Cboe C1	3.01	0.00	27.46	13.61	2.86			-10,280.4000	-0.1673	-49.6400	-0.4279	-9.436.4900	-0.0309
NYSE American	1.51	0.00	3.60	0.00	1.46			-282.4700	-0.1186			-5,054.2400	-0.0976
MIAX	1.32	0.00	18.99	19.90	1.22			-14,615.9100	-0.2899	-604.0000	-0.5038	-37,503.7000	-0.2764
NASDAQ PHLX	1.22	0.00	0.00	8.90	1.23					-4.8500	-0.0770	-18,917.0400	-0.1567
BOX	1.22	0.00	20.98	0.52	1.10			-6,924.2400	-0.1666	0.0000	0.0000	-10,560.2300	-0.1441
NASDAQ ISE	1.01	0.00	4.69	0.00	0.99			7,387.1900	0.3789			-65,194.3900	-0.3198
Cboe EDGX	0.98	0.00	12.94	0.00	0.91			-2,041.8200	-0.5121			-19,596.9900	-0.3512
NASDAQ	0.59	0.00	0.00	2.09	0.59					-6.3000	-0.9000	63,538.8000	0.4481

#### Material Aspects:

NYSE ARCA Options (ARCA) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf)

CBOE BZX Options Exchange (BATO) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://markets.cboe.com/us/options/membership/fee\\_schedule/bzvx/](https://markets.cboe.com/us/options/membership/fee_schedule/bzvx/)

CBOE Exchange, Inc. (CBOE) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to CBOE, Dash preferences Susquehanna for Exchange Marketing Fee purposes. However, Belvedere may be preferred for a subset of symbols. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://cdn.cboe.com/resources/membership/Cboe\\_FeesSchedule.pdf](https://cdn.cboe.com/resources/membership/Cboe_FeesSchedule.pdf)

NYSE American Options (AMEX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to AMEX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE\\_American\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf)

MIAX Options (MIAX) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.miaxoptions.com/sites/default/files/fee\\_schedule-files/MIAX\\_Options\\_Fee\\_Schedule\\_04292020.pdf](https://www.miaxoptions.com/sites/default/files/fee_schedule-files/MIAX_Options_Fee_Schedule_04292020.pdf)

NASDAQ PHLX (PHLX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to PHLX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. However, Belvedere may be preferred for a subset of symbols. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%20>

BOX Options (BOX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://boxoptions.com/regulatory/fee-schedule/>

NASDAQ ISE (ISE) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%20>

CBOE EDGX Options Exchange (EDGO) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to EDGO, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://markets.cboe.com/us/options/membership/fee\\_schedule/edgo/](https://markets.cboe.com/us/options/membership/fee_schedule/edgo/)

NASDAQ Options Market (NSDOO) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%20>

Notes: (1) Exchanges have tiers that depend on a range of factors and may not necessarily apply to the orders covered by this report. The fee paid or rebate received for customer not-held orders that are subject to these disclosures is as disclosed in this public report. (2) DASH operates an ATS (DASH ATS) for options. However, DASH ATS is not reported as a venue because the ATS does not execute subscriber orders and no trades actually occur on Dash ATS. All transactions facilitated by the ATS occur through the automated auction facilities of registered options exchanges pursuant to the exchanges' rules. As such, DASH is paid a commission/fee by the subscribers, both originating order senders and the contra liquidity providers, of the ATS. The transactions facilitated by the ATS are subject to fee and rebate structures contained in the aforementioned agreements. (3) In addition to the marketing fee arrangements discussed above for CBOE, EDGX, AMEX and PHLX, MIAX, ISE and MRX have Marketing Fee arrangements which are described in the exchanges' fee schedules. Where such Marketing Fee arrangements exist, DASH may receive a portion of the fees for applicable transactions.

## June 2021

### S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
2.00	3.40	48.07	0.00	48.53

#### 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	17.09	0.00	0.00	12.90	17.14					-5.2500	-0.3281	477.0900	0.2983
Citadel ATS	10.43	0.00	0.00	0.00	10.54								
NYSE	10.10	0.00	0.00	12.90	10.06					-4.6900	-0.2233	318.6600	0.2887
Two Sigma	9.68	0.00	0.00	0.00	9.79								
IEX	7.96	0.00	0.00	0.00	8.05							46.7300	0.0651
Cboe EDGA	7.81	0.00	0.00	0.00	7.90							-94.1400	-0.2339
Cboe EDGX	7.32	0.00	0.00	1.61	7.39							204.0800	0.2805
NYSE Arca	6.61	0.00	0.00	70.97	5.87					-15.5300	-0.2981	156.9400	0.2957
Virtu Americas LLC	5.62	0.00	0.00	0.00	5.69								
Cboe BYX	4.89	0.00	0.00	0.00	4.95							-46.3800	-0.1281

#### Material Aspects:

NASDAQ Exchange (NSDQOE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

Citadel (CITATS) - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Citadel. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

New York Stock Exchange (NYSE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nyse.com/markets/nyse/trading/info/fees>

Two Sigma (2SIGMA) - DASH did not receive any PFOF nor did it pay any fee for orders routed to this venue. Investors Exchange (IEX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://extrading.com/trading/fees/>

CBOE EDGA U.S. Equities Exchange (EDGA) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edga/](https://markets.cboe.com/us/equities/membership/fee_schedule/edga/)

CBOE EDGX U.S. Equities Exchange (EDGX) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/edgx/](https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/)

NYSE Arca Equities (ARCAE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE\\_Arca\\_Marketplace\\_Fees.pdf](https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf)

Virtu - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Virtu. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

CBOE BYX U.S. Equities Exchange (BATY) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - [https://markets.cboe.com/us/equities/membership/fee\\_schedule/byx/](https://markets.cboe.com/us/equities/membership/fee_schedule/byx/)

Note: DASH accesses equities exchanges either directly or via a routing arrangement with Bank of America Securities (BoFAS). Under this arrangement, DASH receives a better rate if BoFAS has a better price tier than the base rate. In addition, for orders routed through BoFAS, DASH pays a small routing fee. Material aspects of BAML's relationships with various equities venues can be found here - [https://www.bofam.com/en-us/content/best\\_execution.html](https://www.bofam.com/en-us/content/best_execution.html)

## June 2021

### Non-S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.21	1.88	62.68	0.00	35.44

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders (USD)	Net Payment Paid/Received for Market Orders (cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders (USD)	Net Payment Paid/Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders (USD)	Net Payment Paid/Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Other Orders (USD)	Net Payment Paid/Received for Other Orders (cents per hundred shares)
Citadel ATS	10.31	0.00	0.00	0.00	10.39							-2.5000	-0.0001
NASDAQ	7.99	0.00	0.00	8.93	7.99					-35.3700	-0.3275	1649.8100	0.2898
UBS ATS	6.50	0.00	0.00	0.00	6.55							37.3200	0.1000
Barclays LX	6.34	0.00	0.00	0.00	6.39								
Intelligent Cross	6.00	0.00	0.00	0.00	6.05							48.1800	0.0800
CS Crossfinder	5.99	0.00	0.00	0.00	6.03							12.6500	0.1000
Level ATS	5.92	0.00	0.00	0.00	5.96							12.6000	0.0500
Virtu Americas LLC	5.79	0.00	0.00	0.00	5.83								
Two Sigma	5.60	0.00	0.00	0.00	5.64								
GS SigmaX	5.22	0.00	0.00	0.00	5.27							7.5600	0.0700

#### Material Aspects:

Citadel (CITATS) - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Citadel. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

NASDAQ Exchange (NSDQOE) - Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here - <https://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

UBS (UBSA) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to UBS. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Barclays (BARX) - DASH did not receive any PFOF nor did it pay any fee for orders routed to this venue.

Intelligent Cross (INCR) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to Intelligent Cross. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Credit Suisse (DSTAR) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to Credit Suisse. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Level (LEVL) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to Level. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Virtu - Dash received the amounts identified in the disclosure for routing certain held orders in listed equities to Virtu. Due to the pass-through nature of some of these payments, most of the aforementioned amount is passed back to the originator of the order with the exception of a small routing/connectivity fee that may be retained by Dash.

Two Sigma (2SIGMA) - DASH did not receive any PFOF nor did it pay any fee for orders routed to this venue.

Goldman Sachs (GSSIGX) - Dash paid the amounts identified in the disclosure for routing certain held orders in listed equities to Goldman Sachs. Due to the pass-through nature of some of these payments, the aforementioned amount is passed back to the originator of the order.

Note: DASH accesses equities exchanges either directly or via a routing arrangement with Bank of America Securities (BofAS). Under this arrangement, DASH receives a better rate if BofAS has a better price tier than the base rate. In addition, for orders routed through BofAS, DASH pays a small routing fee. Material aspects of BAML's relationships with various equities venues can be found here - [https://www.bofam.com/en-us/content/best\\_execution.html](https://www.bofam.com/en-us/content/best_execution.html)

## June 2021

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.00	0.22	4.94	0.81	94.04

#### 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)
NYSE Arca	85.41	0.00	0.00	32.12	85.87					-504,0200	-0.6756	-375,626.3900	-0.5333
Cboe C1	3.07	0.00	26.80	3.64	2.94			-8,487.8700	-0.1157	-3.5800	-0.3255	8,790.0500	0.0255
Cboe BZX	2.44	0.00	0.02	6.67	2.45					-6.6800	-0.4771	96,659.6900	0.3793
NYSE American	1.67	0.00	11.17	0.00	1.62			-346.8400	-0.1188			-2,152.2400	-0.0397
BOX	1.40	0.00	21.23	4.24	1.29			-8,593.8300	-0.2432	-20.0000	-0.0889	-17,990.1400	-0.2128
MIAx	1.34	0.00	20.62	51.52	1.23			-13,901.8500	-0.2970	-339.0500	-0.2852	-36,292.5700	-0.2826
NASDAQ PHLX	1.09	0.00	0.00	0.61	1.10							-16,266.0000	-0.1293
Cboe EDGX	0.98	0.00	12.69	0.00	0.92			-1,989.1200	-0.5337			-21,963.0600	-0.3404
NASDAQ ISE	0.97	0.00	2.84	0.00	0.96			3,827.8000	0.4290			-47,279.6300	-0.2325
NASDAQ	0.52	0.00	0.00	1.21	0.53					-5.0400	-0.4200	63,963.7200	0.4418

#### Material Aspects:

NYSE ARCA Options (ARCA) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf)

CBOE Exchange, Inc. (CBOE) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to CBOE, Dash preferences Susquehanna for Exchange Marketing Fee purposes. However, Belvedere may be preferenced for a subset of symbols. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://cdn.cboe.com/resources/membership/Cboe\\_FeeSchedule.pdf](https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf)

CBOE BZX Options Exchange (BATO) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://markets.cboe.com/us/options/membership/fee\\_schedule/bzx/](https://markets.cboe.com/us/options/membership/fee_schedule/bzx/)

NYSE American Options (AMEX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to AMEX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE\\_American\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf)

BOX Options (BOX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://boxoptions.com/regulatory/fee-schedule/>

MIAx Options (MIAx) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://www.miaxoptions.com/sites/default/files/fee\\_schedule-files/MIAx\\_Options\\_Fee\\_Schedule\\_04292020.pdf](https://www.miaxoptions.com/sites/default/files/fee_schedule-files/MIAx_Options_Fee_Schedule_04292020.pdf)

NASDAQ PHLX (PHLX) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to PHLX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. However, Belvedere may be preferenced for a subset of symbols. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/phlx/rules/PHLX%20Options%207>

CBOE EDGX Options Exchange (EDGO) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. The payment amount reflected in this report includes a rebate received from preferencing a market maker. This rebate could be received directly from the market maker or from the exchange as part of the Exchange Marketing Fee arrangement. With respect to orders routed to

EDGO, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - [https://markets.cboe.com/us/options/membership/fee\\_schedule/edg/](https://markets.cboe.com/us/options/membership/fee_schedule/edg/)

NASDAQ ISE (ISE) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>

NASDAQ Options Market (NSDQO) - DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchange's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule is available here - <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207>

Notes: (1) Exchanges have tiers that depend on a range of factors and may not necessarily apply to the orders covered by this report. The fee paid or rebate received for customer not-held orders that are subject to these disclosures is as disclosed in this public report. (2) DASH operates an ATS (DASH ATS) for options. However, Dash ATS is not reported as a venue because the ATS does not execute subscriber orders, and no trades actually occur on Dash ATS. All transactions facilitated by the ATS occur through the automated auction facilities of registered options exchanges pursuant to the exchanges' rules. As such, DASH is paid a commission/fee by the subscribers, both originating order senders and the contra liquidity providers, of the ATS. The transactions facilitated by the ATS are subject to fee and rebate structures contained in the aforementioned agreements. (3) In addition to the marketing fee arrangements discussed above for CBOE, EDGO, AMEX and PHLX, MIAx, ISE and MRX have Marketing Fee arrangements which are described in the exchanges' fee schedules. Where such Marketing Fee arrangements exist, DASH may receive a portion of the fees for applicable transactions.

































