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

## 1st Quarter, 2022

## January 2022

## S&P 500 Stocks

### Summary

Non-Directed Orders as % of All Orders		Orders as % of Non-Directed		Other Orders as % of Non-Directed Orders
76.02	0.77	02.05	0.00	6.20

### Venues

Venue - Non- directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders (USD)	Net Payment Paid/Received for Market Orders (cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders (USD)	Net Payment Paid/Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders (USD)	Net Payment Paid/Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Other Orders (USD)	Net Payment Paid/Received for Other Orders (cents per hundred shares)
NASDAQ	14.78	0.00	0.00	8.48	14.89					-1.9600	-0.3267	853.7400	0.3057
Two Sigma	11.95	0.00	0.00	0.00	12.17								
Citadel	9.84	0.00	0.00	0.00	10.02								
IEX	9.04	0.00	0.00	0.00	9.20							99.3900	0.0670
NYSE Arca	8.93	0.00	0.00	79.39	7.66					-19.1000	-0.2186	316.3300	0.3037
NYSE	6.89	0.00	0.00	8.48	6.86					-1.3400	-0.2134	543.4400	0.2938
Choe EDGX	6.84	0.00	0.00	1.82	6.93					-0.2800	-0.2800	425.2800	0.2872
Choe EDGA	6.47	0.00	0.00	0.00	6.59							-108.9200	-0.2077
Virtu Americas LLC	4.07	0.00	0.00	0.00	4.15								
BATS	2.86	0.00	0.00	1.82	2.88					-0.5000	-0.5000	291.2500	0.6100

## Material Aspects:

NASDAQ Exchange (NSDQE) - 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

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

Citadel - 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.

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://iextrading.com/trading/fees/

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

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-infoffees

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/

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/

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 crodingionenceivity fee that may be retained by Dash

CBCE BZX U.S. Equilies Exchange (BATS). Fees (and rebales) 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-this sulvey chose combusionatises membershiples excelledule bzx

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 couling fee. Material aspects of BAML's relationships with various equities venues can be found here-this price with the price of the price

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## Non-S&P 500 Stocks

Non-Directed Orders	Market Orders	Marketable Limit	Non-Marketable	Other Orders as %
as % of All Orders	as % of Non-	Orders as % of	Limit Orders as	of Non-Directed
	Directed Orders	Non-Directed	% of Non-	Orders
		Orders	Directed Orders	
60.85	0.42	69.84	0.00	29.73

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	16.43	0.00	0.00	2.52	17.06					-42.2700	-0.3227	2109.9900	0.3066
Choe EDGA	12.92	0.00	0.00	0.00	13.51							-494.8300	-0.2008
NYSE Arca	11.44	0.00	0.00	91.60	7.81					-132.6000	-0.2756	810.6600	0.2725
Choe BYX	7.88	0.00	0.00	0.93	8.20					-1.1200	-0.2800	962.4400	0.2858
Choe EDGX	4.92	0.00	0.00	0.00	5.15							-201.8500	-0.1180
NYSE	4.84	0.00	0.00	2.61	4.94					-28.3400	-0.2099	955.6800	0.2974
Citadel	4.81	0.00	0.00	0.00	5.03								
IEX	4.57	0.00	0.00	0.00	4.78							120.0800	0.0618
Two Sigma	3.84	0.00	0.00	0.00	4.02								
Choe B7X	3.23	0.00	0.00	0.93	3 34	1	1	1	1	-2 0400	-0.5100	770 3800	0.6076

NASDAQ Exchange (NSDQE) - 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-

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-hittps://markets.cboe.com/us/equities/membership/fee schedule/edga/

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

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-hitts://markets.boe.com/fus/equities/membership/fee schedule/edgy/

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/

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 - 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.

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://iextrading.com/trading/fees/

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

CBDE BZX U.S. Equities Exchange (BATs) - 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.cbce.com/us/equities/members/inifee schedule/bzx/

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 outling fee. Material aspects of BAML's relationships with various equities venues can be found here-this, inwoording continuous equities venues can be found here-this, inwoording continuous equities venues can be found here-this, inwoording continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, inwoording excess continuous equities venues can be found here-this, in which it is a supplied to the excess continuous equities venues can be found here-this, in which it is a supplied to the excess continuous equities venues can be excessed as a supplied to the excess continuous equities venues can be excessed as a supplied to the excess continuous equities venues can be excessed as a supplied to the excess continuous equities venues can be excessed as a supplied to the excess continuous equities venues can be excessed as a supplied to the excess continuous equities venues can be excessed as a supplied to the excession of the excess continuous equities venues can be excessed as a supplied to the excess continuous equities venues can be excessed as a supplied to the excession of the excess continuous equities venues can be ex

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## Options

## Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of Non-Directed Orders		Other Orders as % of Non-Directed Orders
0.00	0.26	5.90	1 10	92 75

#### Venues

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	96.10	0.00	0.00	17.74	96.23					-3,254.9100	-0.5430	-415,275.0700	-0.4543
Choe BZX	1.88	0.00	0.09	14.63	1.88					-546.4500	-0.4823	45,999.1800	0.1861
Cboe C1	0.48	0.00	27.37	3.99	0.44			-10,095.5100	-0.1061	-38.0300	-0.3365	4,802.5900	0.0166
MIAX	0.28	0.00	24.37	56.76	0.24			-26,789.2500	-0.2843	-1,518.4200	-0.2540	-37,125.0300	-0.2740
BOX	0.24	0.00	19.01	3.33	0.22			-16,536.5200	-0.1861	-58.6700	-0.1676	-12,798.1500	-0.1906
NYSE American	0.23	0.00	10.85	0.00	0.21			-274.2700	-0.1210			-3,953.5100	-0.0840
Choe EDGX	0.22	0.00	13.64	0.00	0.20			-4,475.1100	-0.4783			-21,691.9300	-0.3164
NASDAQ PHLX	0.13	0.00	0.00	0.00	0.13							-6,196.9700	-0.0599
NASDAQ ISE	0.11	0.00	1.78	0.00	0.11			2,173.2500	0.4173			-40,456.9100	-0.2897
NASDAQ	0.09	0.00	0.00	2.44	0.09					-77.0700	-0.5037	58,968.0700	0.3526

### 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

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/

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, Death 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/feesources/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. 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 MIAX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-proposible 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/sitesidefault/files/fee\_schedule-files/MIAX\_Options\_Fee\_Schedule\_04292020.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 rebales) 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/regulalory/fee-schedule/

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

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 sa part of the Exchange Marketing Fee arrangement. With respect to orders routed to EDGO, Dash preferences Susquentamina for Exchange Marketing Fee purposes. Exchange Fee (and rebates) are non-negotiable and are set by the exchange in any contain feets based on volume therefolds. Detailed feet schould is available there "this;"Imarket obscious/conscious/profiles/imarketing feet purposes. Exchange Feet (and tested) are non-negotiable and are set by the exchange may contain feet sead or volume therefolds. Detailed feet schould is available there "this;"Imarket obscious/conscious/profiles/imarketing/feet purposes.

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://listingorenter.nasdag.com/uniabook/phi/brluesPhi/s/200ptons%207

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 liers based on volume thresholds. Detailed fee schedule is available here - https://istingcenter.nasdaq.com/rulebook/ise/rules/ISE/820Options%207

NASDAQ Options Market (NSDQQ) - 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 schedule is may contain ters based on volume thresholds. Detailed fee schedule is available here - https://listing.com/rulebook/hasdaq/fules/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 court brough the automated automatics actions and the contraining provides 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 CBDE, EDGO, AMEX and PHLX, MMX, ISE and MRX have Marketing Fee arrangements which are described in the exchanges' fee schedules. Where excell hardeting fee arrangements which are described in the exchanges' fee schedules where excelled and the excellent of the

# February 2022

## S&P 500 Stocks

## Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
74 79	1.00	93.09	0.00	5.91

## 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	14.87	0.00	0.00	3.92	15.24					-0.6500	-0.3250	827.6900	0.3070
Two Sigma	12.94	0.00	0.00	0.00	13.39								
Cboe EDGX	11.68	0.00	0.00	2.61	11.99					-0.3300	-0.3300	495.7600	0.2865
Citadel	10.35	0.00	0.00	0.00	10.71								
IEX	9.95	0.00	0.00	0.00	10.29							100.3500	0.0638
NYSE Arca	8.37	0.00	0.00	86.93	5.66					-33.3800	-0.2344	277.5200	0.3051
Cboe EDGA	6.77	0.00	0.00	0.00	7.00							-118.5400	-0.1968
NYSE	4.88	0.00	0.00	3.92	4.91					-0.2200	-0.2200	570.1500	0.2981
Virtu Americas LLC	4.14	0.00	0.00	0.00	4.28								
Choe BZX	3.61	0.00	0.00	2.61	3.65					-0.3200	-0.3200	131.8500	0.3100

## Material Aspects:

NASDAQ Exchange (NSDQE) - 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.nasdaotrader.com/Trader.asox?id=PriceListTrading2

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

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/edgw/

Citadel - 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

Investors Exchange (EX) - 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://ieotrading.com/trading/fees/

NYSE Area Equilises (ARCAS) - Fees (and rebasis) are non-regolable and are set by the exchange. The fee schedules may contain fiers based on volume thresholds. Detailed fee schedule can be found here - https://www.nyse.com/publicdoss/nyse/markets/nyse-ses.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-hittps://markets.cboe.com/fus/equities/equities/

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-infoffees

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CBDE BZX U.S. Equities Exchange (BATs) - 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.cbce.com/us/equities/members/hig/fee

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## February 2022

## Non-S&P 500 Stocks

### Summary

	Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Orders as % of	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
Γ	70 31	0.33	61 98	0.00	37.69

### 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 Other Orders (USD)	Net Payment Paid/Received for Other Orders (cents per hundred shares)
NASDAQ	19.96	0.00	0.00	2.87	20.29					-7.5600	-0.3287	2955.0900	0.3033
NYSE ARCA	10.94	0.00	0.00	86.00	9.56					-56.6000	-0.2469	753.0700	0.2405
Choe EDGX	8.93	0.00	0.00	1.85	9.07					-2.6400	-0.3300	1,271.1000	0.2854
NYSE	6.79	0.00	0.00	7.42	6.78					-4.3600	-0.1992	1181.6700	0.2877
Choe EDGA	6.76	0.00	0.00	0.00	6.89							-386.7800	-0.197
CBOE BYX	5.37	0.00	0.00	0.00	5.47							-226.9500	-0.1262
IEX	4.95	0.00	0.00	0.00	5.05							163.4900	0.0632
Citadel	4.59	0.00	0.00	0.00	4.68								
BATS	4.13	0.00	0.00	1.85	4.18					-3.5800	-0.3255	398.9800	0.3006
Two Sigma	3.81	0.00	0.00	0.00	3.88								

#### Material Aspects:

NASDAG Exchange (NSDQE). Fees (and rebates) are non-nepotiable and are set by the exchange. The fee schedules may contain tiers based on volume thresholds. Detailed fee schedule can be found here-hittps://www.nasedartader.com/Treclastrader.acs/

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/hyse/markets/nyse-arca/NYSE\_Arca\_Marketplace\_Fees.pdf

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/edgy/

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 EDOA U.S. Equilise suchange (EDOA). 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-thirts/

CBOE BYX U.S. Equities Exchange (BATY) - Fees (and rebales) 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-hitlps://markets.cboe.com/us/equities/membership/fee\_schedule/by/

Investors Exchange (EX) - 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/brading/fees/

Citadel - 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 BZX U.S. Equities Exchange (BATS) - 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.cboe.com/us/equities/membership/fee\_schedule/bzx/

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

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 fier 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.bofaml.com/en-us/content/best\_execution.html

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# February 2022

## Options

## Summary

Non-Directed Orders as % of All Orders		Orders as % of Non-Directed		Other Orders as % of Non-Directed Orders
0.00	0.30	4.47	1 33	93.89

## 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	92.00	0.00	0.04	13.00	92.23			9.3100	0.4900	-569.4500	-0.6763	-392,129.4600	-0.4740
Choe BZX	2.68	0.00	0.08	8.51	2.69					-123.6400	-0.5239	38,022.3300	0.1508
Cboe C1	1.35	0.00	31.61	3.07	1.28			-6,888.2500	-0.1111	-30.6900	-0.3654	1,939.5500	0.0065
MIAX	0.63	0.00	22.93	66.19	0.57			-14,627.7300	-0.3064	-1,501.5000	-0.2573	-33,562.4700	-0.2772
Choe EDGX	0.62	0.00	11.39	0.00	0.60			-2,096.3000	-0.4956			-22,414.9200	-0.3340
NYSE American	0.58	0.00	9.37	0.00	0.56			-193.8400	-0.1307			-1,038.4400	-0.0204
BOX	0.58	0.00	18.33	5.91	0.54			-4,975.9800	-0.2202	-40.8100	-0.1100	-18,475.4200	-0.1938
NASDAQ PHLX	0.44	0.00	0.00	0.24	0.44							-9,710.9900	-0.1028
NASDAQ ISE	0.33	0.00	2.20	0.00	0.33			1,626.8700	0.4262			-39,543.9500	-0.3151
NASDAQ	0.27	0.00	0.00	0.71	0.27		-			-27.0900	-0.4300	53,781.0800	0.3338

#### 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 thereinable. Detailed fee schedule is an adulable here - https://www.nyse.com/publicdocs/inyse/marksted/arca-optionsNYSE\_Arca, Options\_Fee\_Schedule pdf

CBOE EXC Options Exchange (BATO) DASH routes option orders to the U.S. Option Exchanges and may collect payment in accordance with exchanger's published rates. Fees (and rebates) are non-negotiable and are set by the exchange. The fee schedules may contain tester based or ovaluate here included reschedules or schedules are valiable here - High-firmafest box convolvation/streammentare/stream-firmafest box convolvation/stream-firmafest box convolvation/s

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 neceived 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 Susquehama 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://doi.org/10.1006/j.com/10

MIAX Options (MIAX)-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 MIAX, Dash preferences Susquehanna for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-repositable 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/defaultfiles/fee\_schedule-files/MIAX, Options\_Fee\_Schedule\_04292020.pdf

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 elicitorly from the market maker of this me exchange shared of the Exchange Marketing Fee arrangement. With respect to orders routed to EDGO, Dash preferences Susqueharant for Exchange Marketing Fee purposes. Exchange Fees (and rebates) are non-negotiable and are sets by the exchange. The fee schedules may contain tiers based on volume theresholds. Detailed fee schedules available there—thisp://marketic.obs.co.com/usicpforings/membership/free.

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 Susquehaman 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

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 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/phlxrlues/Phtx%20Options%207

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://listing.center.nasdaq.com/rulebook/ise/hules/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 liers 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 excust usubscriber orders, and not trades actually occur on Dash ATS. All transactions facilitated by the ATS court through the automated automatics in the control of the ATS. The transactions facilitated by the ATS are subject to fee and rebate structures control options exchanges rises. As such DASH is and commissioning by the subscribers, both originating order senders and the control inquirity providers, or the ATS. The transactions facilitated by the ATS are subject to fee and rebate structures control on the attendance of the a

### March 2022

### S&P 500 Stocks

#### Summar

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Orders as % of	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
79.66	0.91	91.19	0.00	7.89

### 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	14.18	0.00	0.00	8.49	14.34					-6.1800	-0.3253	674.2000	0.3057
Two Sigma	13.16	0.00	0.00	0.00	13.55								
Citadel	11.35	0.00	0.00	0.00	11.69								
IEX	8.85	0.00	0.00	0.00	9.11							86.9400	0.0664
NYSE Arca	8.59	0.00	0.00	76.38	6.58					-29.4000	-0.2519	300.1900	0.3043
NYSE	8.46	0.00	0.00	8.49	8.46					-4.4300	-0.1926	718.9900	0.2981
Choe EDGX	7.73	0.00	0.00	3.32	7.86					-0.2800	-0.2800	404.1000	0.2860
Virtu Americas LLC	5.95	0.00	0.00	0.00	6.12	· ·	· ·						
Choe EDGA	5.64	0.00	0.00	0.00	5.81							-102.2300	-0.2053
Cboe BZX	3.99	0.00	0.00	3.32	4.01					-0.3200	-0.3200	185.8600	0.3100

## Material Aspects:

NASDAQ Exchange (NSDQE) - 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.nasdaotrader.com/Trader.asox/id=PriceListTrading2

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

Citadel - 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.

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://iextrading.com/trading/fees/

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

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.nse.com/markets/inset/radino-info/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/edgy/

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 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-blotted

CBOE BZX U.S. Equities Exchange (BATS) - 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 herehttps://www.cboe.com/iss/equities/membership/fee-schedule/bzv/

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.bofaml.com/en-us/content/best\_execution.html

## March 2022

# Non-S&P 500 Stocks

#### Summary Non-Directed

Non-Directed Orders as % of All Orders		Orders as % of Non-Directed		Other Orders as % of Non-Directed Orders
75.80	5 18	64 24	0.00	30.58

Venue - Non-	Non-Directed	Market Orders	Marketable Limit	Non-Marketable	Other Orders	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
directed Order Flow	Orders (%)	(%)	Orders (%)	Limit Orders (%)	(%)	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for Other
			, ,			Market Orders	Market Orders	Marketable Limit	Marketable Limit			Other Orders (USD)	Orders (cents per hundred
						(USD)	(cents per hundred	Orders (USD)	Orders (cents per	Limit Orders	Orders (cents per		shares)
							shares)		hundred shares)	(USD)	hundred shares)		
NASDAQ	11.56	0.00	0.00	4.30	11.71					-14.3500	-0.3267	6,917.8700	0.3064
NYSE Arca	10.03	0.00	0.00	83.31	9.48					-72.8600	-0.2288	6,678.4800	0.2973
Choe EDGX	6.85	0.00	0.00	2.61	6.94					-1.1200	-0.2800	3,693.3700	0.2855
BATS	5.91	0.00	0.00	2.74	5.98					-1.6400	-0.3280	3,468.7200	0.3093
Citadel	5.20	0.00	0.00	0.00	5.28								
Virtu Americas LLC	5.09	0.00	0.00	0.00	5.17								
Two Sigma	4.66	0.00	0.00	0.00	4.74								
Credit Suisse	3.86	0.00	0.00	0.00	3.92							99.9900	0.1000
Members Exchange	3.73	0.00	0.00	0.00	3.79							1,457.4700	0.3000
Jane Street	3.70	0.00	0.00	0.00	3.76								

### Material Aspects:

NASDAQ Exchange (NSDQE) - 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 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

CBDE EDGX U.S. Equilities Exchange (EDGX) - Fees (and relates) 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 - hittps://markets.bcc.com/us/cquities/Exchange (EDGX) - Fees (and relates) are non-negotiable and are set by the exchange. The fee schedule way contain tiers based on volume thresholds. Detailed fee schedule can be found here - hittps://markets.bcc.com/us/cquities/Exchange (EDGX) - Fees (and relates) 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 - hittps://markets.bcc.com/us/cquities/Exchange (EDGX) - Fees (and relates) 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 - hittps://markets.bcc.com/us/cquities/Exchange (EDGX) - Fees (and relates) 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 - hit produced to the feet of th

CBOE BZX U.S. Equities Exchange (BATS) - 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 -

Citadel - 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.

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.

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.

Members Exchange (MEMX) - 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://info.memxtrading.com/fee-schedule/

Jane Street (JSJX) - DASH did not receive any PFOF nor did it pay any fee for orders routed to this venue

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.bofaml.com/en-us/content/best\_execution.html

## March 2022

### Options

	on-Directed Orders as % of All Orders			Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
1	0.00	0.00	4.00	1.40	04.04

## 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	91.58	0.00	0.03	15.19	91.81			2.4500	0.4900	-644.6300	-0.5576	-421,175.1700	-0.4572
Choe BZX	3.00	0.00	0.08	12.41	3.01					-88.7300	-0.6162	66,655.8000	0.2140
Cboe C1	1.36	0.00	30.49	4.30	1.28			-3,901.9000	-0.0518	-30.6500	-0.3606	18,654.0500	0.0543
BOX	0.72	0.00	19.19	4.05	0.67			-7,377.5900	-0.2493	-113.1900	-0.3711	-19,989.4700	-0.2035
MIAX	0.66	0.00	21.98	57.97	0.60			-18,729.4400	-0.2965	-1,037.7200	-0.2717	-40,111.3300	-0.2895
NYSE American	0.65	0.00	9.73	0.00	0.62			-239.8600	-0.1226			-385.8800	-0.0073
Choe EDGX	0.59	0.00	11.45	0.00	0.56			-2,046.1600	-0.5051			-29,916.4500	-0.3443
NASDAQ PHLX	0.34	0.00	0.00	1.01	0.34					-3.6000	-0.2000	-12,918.6700	-0.1050
NASDAQ ISE	0.30	0.00	2.57	0.00	0.30			1,849.9500	0.3543			-43,433.0200	-0.2783
NASDAQ	0.28	0.00	0.01	2.53	0.28					-12.6000	-0.9000	70,048.1700	0.3585

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

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/bzv/

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://doi.nboe.com/resources/membership/Cboe\_Fees/chedules/

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. 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 MIAX, 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.miaxoptions.com/sites/default/files/fee\_schedule-files/MIAX\_Options\_Fee\_Schedule\_04282020.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

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, Gard 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/

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 emarket 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, Belwderer 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/phk/rules/Phk/s2Options%207

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/rulesNasdaq%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 verue 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 pia d 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 rehease structures contained in the alternational agreement emisclosuragements (seuscased above for GBOE, 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.