



## Material Aspects

### Option Contracts

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.06	0.19	0.57	99.17

#### Venues

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 Mktable Limit Orders (USD)	Net Payment Paid/Received for Mktable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Non-Mkt Limit Orders (USD)	Net Payment Paid/Received for Non-Mkt Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Other Orders (USD)	Net Payment Paid/Received for Other Orders (cents per hundred shares)
DASH FINANCIAL TECH LLC(DFIN)	10.23	0.00	0.00	0.00	10.23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2351.0900	-2.1922
CBOE EDGX U.S. EQUITIES EXCH (EDGO)	9.36	0.00	0.00	0.00	9.36	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-182.9100	-1.0738
NYSE AMERICAN OPTIONS (AMXO)	9.23	0.00	0.00	0.00	9.23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BOSTON OPTIONS EXCHANGE, LLC(XBOX)	9.04	0.00	0.00	0.00	9.04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-435.5400	-2.0499
C2 (C20X)	8.85	0.00	0.00	0.00	8.85	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-310.9600	-1.4222
NYSE ARCA (ARCO)	8.76	0.00	0.00	0.00	8.76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INTERNATIONAL SECURITIES EXCH (XISX)	8.34	0.00	0.00	0.00	8.34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-142.9200	-0.9123
MIAMI OPTIONS EXCH (XMIO)	8.29	0.00	0.00	0.00	8.29	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-291.7200	-2.1839
CBOE (XCBO)	8.27	0.00	0.00	0.00	8.27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-246.1000	-1.4546
PHILADELPHIA STOCK EXCH (XPHO)	8.24	0.00	0.00	0.00	8.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-197.1100	-1.1156
ISE MERCURY, LLC (MCRY)	7.65	0.00	0.00	0.00	7.65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## Material Aspects

### CBOE EDGX U.S. EQUITIES EXCHANGE (EDGO):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: [https://www.cboe.com/us/options/membership/fee\\_schedule/edgx/](https://www.cboe.com/us/options/membership/fee_schedule/edgx/)

### NYSE AMERICAN OPTIONS (AMXO):

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**BOSTON OPTIONS EXCHANGE, LLC(XBOX):**

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**C2 (C20X):**

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**NYSE ARCA (ARCO):**

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**INTERNATIONAL SECURITIES EXCHANGE (XISX):**

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**MIAMI OPTIONS EXCHANGE (XMIO):**

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**CBOE (XCBO):**

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**PHILADELPHIA STOCK EXCHANGE (XPHO):**

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**ISE MERCURY, LLC (MCRY):**

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## Material Aspects

## Option Contracts

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.02	0.10	0.43	99.44

### Venues

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 Mktable Limit Orders (USD)	Net Payment Paid/Received for Mktable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Non-Mkt Limit Orders (USD)	Net Payment Paid/Received for Non-Mkt Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Other Orders (USD)	Net Payment Paid/Received for Other Orders (cents per hundred shares)
DASH FINANCIAL TECH LLC(DFIN)	10.55	0.00	0.00	0.00	10.55	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-303.5600	-0.6183
NYSE AMERICAN OPTIONS (AMXO)	9.84	0.00	0.00	0.00	9.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE EDGX U.S. EQUITIES EXCH (EDGO)	9.76	0.00	0.00	0.00	9.76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-143.0700	-1.3773
NYSE ARCA (ARCO)	9.43	0.00	0.00	0.00	9.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BOSTON OPTIONS EXCHANGE, LLC(XBOX)	9.15	0.00	0.00	0.00	9.15	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-298.8900	-2.9640
ISE MERCURY, LLC (MCRY)	8.87	0.00	0.00	0.00	8.87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MIAMI OPTIONS EXCH (XMIO)	8.42	0.00	0.00	0.00	8.42	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-243.5200	-2.3973
INTERNATIONAL SECURITIES EXCH (XISX)	8.36	0.00	0.00	0.00	8.36	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-114.7600	-1.1215
CBOE GLOBAL MARKETS INC.(XCBO)	8.30	0.00	0.00	0.00	8.30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-104.0200	-0.9884
PHILADELPHIA STOCK EXCH (XPHO)	8.18	0.00	0.00	0.00	8.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-206.3600	-1.5798
C2 (C20X)	8.04	0.00	0.00	0.00	8.04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-155.4000	-1.0052

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**MIAMI OPTIONS EXCHANGE (XMIO):**

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**INTERNATIONAL SECURITIES EXCHANGE (XISX):**

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**CBOE GLOBAL MARKETS INC.(XCBO):**

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**PHILADELPHIA STOCK EXCHANGE (XPHO):**

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**C2 (C20X):**

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## Material Aspects

### Option Contracts

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.06	0.10	0.38	99.46

#### Venues

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 Mktable Limit Orders (USD)	Net Payment Paid/Received for Mktable Limit Orders (cents per hundred shares)	Net Payment Paid/Received for Non-Mkt Limit Orders (USD)	Net Payment Paid/Received for Non-Mkt 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 AMERICAN OPTIONS (AMXO)	9.85	0.00	0.00	0.00	9.85	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NYSE ARCA (ARCO)	9.65	0.00	0.00	0.00	9.65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
C2 (C20X)	9.65	0.00	0.00	0.00	9.65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-942.4800	-0.7922
BOSTON OPTIONS EXCHANGE, LLC(XBOX)	9.34	0.00	0.00	0.00	9.34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1403.7800	-1.9386
DASH FINANCIAL TECH LLC(DFIN)	9.23	0.00	0.00	0.00	9.23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2160.2400	-1.2212
CBOE EDGX U.S. EQUITIES EXCH (EDGO)	8.57	0.00	0.00	0.00	8.57	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-344.1000	-0.4697
PHILADELPHIA STOCK EXCH (XPHO)	8.43	0.00	0.00	0.00	8.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-603.3600	-0.6847
ISE MERCURY, LLC (MCRY)	8.33	0.00	0.00	0.00	8.33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE GLOBAL MARKETS INC.(XCBO)	8.12	0.00	0.00	0.00	8.12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-474.8400	-0.3785
INTERNATIONAL SECURITIES EXCH (XISX)	7.51	0.00	0.00	0.00	7.51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-91.9000	-0.1142
MIAMI OPTIONS EXCH (XMIO)	7.32	0.00	0.00	0.00	7.32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-432.6000	-0.7091

## Material Aspects

### NYSE AMERICAN OPTIONS (AMXO):

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### NYSE ARCA (ARCO):

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**C2 (C20X):**

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**BOSTON OPTIONS EXCHANGE, LLC(XBOX):**

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**CBOE EDGX U.S. EQUITIES EXCHANGE (EDGO):**

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**PHILADELPHIA STOCK EXCHANGE (XPHO):**

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**ISE MERCURY, LLC (MCRY):**

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**CBOE GLOBAL MARKETS INC.(XCBO):**

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**MIAMI OPTIONS EXCHANGE (XMIO):**

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