











## August 2020

### 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	0.00	0.00	0.00	100.00

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC		0.00	0.00	0.00		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE (CBOE)	5.13	0.00	0.00	0.00	5.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apex Clearing Corp	5.13	0.00	0.00	0.00	5.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
XBOX (XBOX)	5.13	0.00	0.00	0.00	5.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
XPHO (XPHO)	5.13	0.00	0.00	0.00	5.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

### Material Aspects:

#### VIRTU FINACIALS, INC.

2020Q3: TradeUp receives payment from VIRTU FINACIALS, INC. for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

#### CITADEL SECURITIES LLC

2020Q3: TradeUp receives payment from Citadel Securities LLC for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

#### Apex Clearing Corp

2020Q : TradeUp receives payment from Apex Clearing Corp. for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

## September 2020

### 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
88.61	0.42	1.94	14.67	82.97

#### 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 Securities LLC	94.85	100.00	100.00	93.80	94.89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apex Clearing Corp	4.79	0.00	0.00	6.20	4.67	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### Material Aspects:

##### VIRTU FINACIALS, INC.

2020Q3: TradeUp receives payment from VIRTU FINACIALS, INC. for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

##### CITADEL SECURITIES LLC

2020Q3: TradeUp receives payment from Citadel Securities LLC for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

##### Apex Clearing Corp

2020Q3: TradeUp receives payment from Apex Clearing Corp. for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

## September 2020

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### 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
94.62	0.57	2.41	13.28	83.73

#### 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)
Citadel Securities LLC	97.20	96.23	98.88	97.77	97.07	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apex Clearing Corp	2.66	2.83	1.12	2.23	2.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### Material Aspects:

##### CITADEL SECURITIES LLC

2020Q3: TradeUp receives payment from Citadel Securities LLC for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

##### Apex Clearing Corp

2020Q3: TradeUp receives payment from Apex Clearing Corp. for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

## September 2020

### 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	0.00	0.00	0.00	100.00

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non - Marketable Limit Orders(USD)	Net Payment Paid/Received for Non - Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC	90.77	0.00	0.00	0.00	90.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
XBOX (XBOX)	3.80	0.00	0.00	0.00	3.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
XPHO (XPHO)	3.62	0.00	0.00	0.00	3.62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE (CBOE)	1.16	0.00	0.00	0.00	1.16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
XISE (XISE)	0.36	0.00	0.00	0.00	0.36	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Apex Clearing Corp	0.30	0.00	0.00	0.00	0.30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### Material Aspects:

##### VIRTU FINACIALS, INC.

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##### CITADEL SECURITIES LLC

2020Q3: TradeUp receives payment from Citadel Securities LLC for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.

##### Apex Clearing Corp

2020Q3: TradeUp receives payment from Apex Clearing Corp. for directing order flow. These payments were not contingent upon volume-based tiered payment schedules, agreements regarding minimum order flow, incentives for exceeding order flow thresholds or disincentives for failing to meet order flow thresholds.