

Spiderrock EXS, LLC - Held NMS Stocks and Options Order Routing Public Report

Generated on Wed Feb 08 2023 04:49:07 GMT-0600 (Central Standard Time)

3rd Quarter, 2020

July 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 Directed Orders	Other Orders as % of Non-Directed Orders
0.33	0.00	74.32	25.68	0.00

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(cent per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
NYSE ARCA (ARCA)	19.83	0.00	19.52	20.69	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATS)	18.26	0.00	17.22	21.15	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATY)	1.79	0.00	2.44	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA OPTIONS EXCHANGE (EDGA)	2.80	0.00	3.81	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGX OPTIONS EXCHANGE (EDGX)	20.27	0.00	20.00	21.02	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
INVESTORS EXCHANGE (IEGX)	0.34	0.00	0.46	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX (XBOS)	0.53	0.00	0.71	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ - ALL MARKETS (XNAS)	24.29	0.00	25.52	20.87	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment 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 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)
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.75	0.00	3.60	0.38	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE MKT LLC (XASE)	0.17	0.00	0.23	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE ARCA (ARCX): ARCX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse-arca/NYSE-Arca_Marketplace_Fees.pdf For options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATS OPTIONS EXCHANGE (BATS): BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE BATS OPTIONS EXCHANGE (BATO): BATO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

CBOE EDGX OPTIONS EXCHANGE (EDGA): EDGX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE EDGX OPTIONS EXCHANGE (EDGX): EDGX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

INVESTORS EXCHANGE (IXGX): IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://storage.googleapis.com/assets-bucket/exchange/assets/IEX_Exchange_Fee_Schedule_Current.pdf

NASDAQ OMX BX (XBOS): XBOS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

NASDAQ - ALL MARKETS (XNAS): XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2> . For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

NEW YORK STOCK EXCHANGE, INC. (XNYS): XNYS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

NYSE MKT LLC (XASE): XASE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse-arca/NYSE-Arca_Marketplace_Fees.pdf



July 2020

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
0.29	0.00	74.32	25.68	0.00

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 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 (ARCX)	21.58	0.00	21.39	21.94	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATS)	18.67	0.00	16.87	22.12	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATY)	1.90	0.00	2.89	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA OPTIONS EXCHANGE (EDGA)	2.70	0.00	4.11	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGX OPTIONS EXCHANGE (EDGX)	22.18	0.00	21.93	22.66	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
INVESTORS EXCHANGE (IEXG)	0.24	0.00	0.36	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE MKT LLC (XASE)	0.10	0.00	0.15	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX (XBOS)	0.44	0.00	0.66	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ - ALL MARKETS (XNAS)	23.39	0.00	24.30	21.64	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NEW YORK STOCK EXCHANGE, INC. (XNYS)	3.11	0.00	3.73	1.94	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE ARCA (ARCX): ARCX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse-arca/nyse-arca_Marketplace_Fees.pdf For options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATS OPTIONS EXCHANGE (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE BATS OPTIONS EXCHANGE (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

CBOE EDGA OPTIONS EXCHANGE (EDGA):

EDGA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE EDGX OPTIONS EXCHANGE (EDGX):
EDGX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

INVESTORS EXCHANGE (IEXG):
IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://storage.googleapis.com/assets-bucket/iEX_Exchange_Fee_Schedule_Current.pdf

NYSE MKT LLC (XASE):
XASE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

NASDAQ OMX BX (XBOS):
XBOS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

NASDAQ - ALL MARKETS (XNAS):
XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

NEW YORK STOCK EXCHANGE, INC. (XNYS):
XNYS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

July 2020

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders (%)	Net Payment Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cent per hundred shares)
99.38	0.01	74.32	25.68	0.00	0.00	0.00	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
NYSE AMEX OPTIONS (AMXC)	5.95	0.00	8.00	0.03	0.00	0.00	3,774.41	37,0040	26,5514	0.00	0.00
NYSE ARCA OPTIONS (ARCO)	23.00	0.00	21.19	28.41	0.00	0.00	179,726.54	41,7096	42,2209	0.00	0.00
CBOE BATO OPTIONS EXCHANGE (BATO)	16.74	0.00	18.47	11.85	0.00	0.00	97,182.00	46,5431	44,7489	0.00	0.00
MIAX EMERALD, LLC (EMLD)	9.41	0.00	8.52	12.06	0.00	0.00	6,524.18	43,7864	40,3700	0.00	0.00

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 (cents per hundred shares)	Net Payment Received for Market Orders (USD)	Net Payment Paid/Received for Market Orders (cents per hundred shares)	Net Payment Received for Market Orders (USD)	Net Payment Paid/Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Received for Non-Marketable Limit Orders (USD)	Net Payment Paid/Received for Other Orders (USD)	Net Payment Received for Other Orders (cents per hundred shares)
ISE GMINI EXCHANGE (GMINI)	5.88	0.01	4.81	9.01	0.00	0.0000	6.05	0.0000	13,821.99	47.9930	6,215.11	0.00	0.000
MIAX PEARL, LLC (MPRL)	6.60	0.01	5.43	10.03	0.00	0.0000	0.00	0.0000	24,926.66	46.1605	20,694.38	0.00	0.000
NASDAQ OPTIONS MARKET (XNDQ)	7.28	0.01	9.01	2.34	0.00	0.0000	6.50	0.0000	51,850.15	47.4818	20,129.37	0.00	0.000
CBOE GLOBAL MARKETS INC. (XCBO)	0.85	0.01	0.87	0.06	0.00	0.0000	1.89	0.0000	26,745.85	48.6288	104,742.55	0.00	0.000
ISE (XISE)	1.53	0.01	2.05	0.02	0.00	0.0000	1.10	0.0000	15,036.64	27.6409	6,671.94	0.00	0.000
NASDAQ OMX PHLX (XPHL)	1.59	0.01	2.14	0.03	0.00	0.0000	2.97	0.0000	26,657.47	43.1351	77,412.25	0.00	0.000
CBOE EDGO OPTIONS EXCHANGE (EDGO)	0.06	0.00	0.08	0.01	0.00	0.0000	0.00	0.0000	5,065.43	44.8268	26,670.62	0.00	0.000
BOX OPTIONS EXCHANGE (XBOX)	0.61	0.00	0.82	0.01	0.00	0.0000	0.00	0.0000	2,799.50	44.4365	282.40	0.00	0.000
MIAX XMIO, LLC (XMIO)	0.08	0.00	0.11	0.01	0.00	0.0000	0.00	0.0000	7,065.99	46.4868	31,727.65	0.00	0.000
NASDAQ OMX BX OPTIONS (XBXO)	0.01	0.00	0.01	0.01	0.00	0.0000	0.00	0.0000	1,849.68	45.1141	57.51	0.00	0.000
ISE MERCURY, LLC (MCRY)	0.01	0.00	0.01	0.01	0.00	0.0000	0.00	0.0000	259.93	43.3217	39.97	0.00	0.000

Material Aspects:

NYSE AMEX OPTIONS (AMXO):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

NYSE ARCA OPTIONS (ARCO):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATO OPTIONS EXCHANGE (BATO):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

MIAX EMERALD, LLC (EMLD):

EMLD has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

ISE GMINI EXCHANGE (GMINI):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.48	0.00	66.16	33.84	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
NYSE ARCA (ARCX)	19.54	0.00	18.42	22.96	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATS)	18.45	0.00	17.11	22.55	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ - ALL MARKETS (XNAS)	24.68	0.00	25.34	22.69	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATY)	1.42	0.00	1.88	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA OPTIONS EXCHANGE (EDGA)	2.38	0.00	3.16	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGX OPTIONS EXCHANGE (EDGX)	20.36	0.00	19.55	22.85	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
INVESTORS EXCHANGE (IEXG)	0.20	0.00	0.27	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.65	0.00	3.49	0.07	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE MKT LLC (XASE)	0.05	0.00	0.07	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX (XBOS)	0.22	0.00	0.30	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	0.01	0.00	0.01	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE ARCA (ARCX):

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 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 (ARCX)	20.45	0.00	18.48	24.06	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
CBOE BATY OPTIONS EXCHANGE (BATY)	1.91	0.00	2.93	0.02	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
CBOE EDGA OPTIONS EXCHANGE (EDGA)	2.19	0.00	3.38	0.00	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
CBOE EDGX OPTIONS EXCHANGE (EDGX)	21.95	0.00	20.60	24.44	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX (XBOS)	0.54	0.00	0.84	0.01	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATS)	18.52	0.00	15.28	24.45	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
NASDAQ - ALL MARKETS (XNAS)	23.13	0.00	22.61	24.07	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.15	0.00	2.77	1.03	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
INVESTORS EXCHANGE (IEXG)	0.26	0.00	0.40	0.00	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000
NYSE MKT LLC (XASE)	0.12	0.00	0.18	0.00	0.00	0.00	0.0000	0.00	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE ARCA (ARCX): ARCX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/nyse-arca_marketplace_fees.pdf For options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATY OPTIONS EXCHANGE (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

CBOE EDGA OPTIONS EXCHANGE (EDGA):

EDGA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE EDGX OPTIONS EXCHANGE (EDGX):

EDGX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

NASDAQ OMX BX (XBOS):

XBOS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

CBOE BATS OPTIONS EXCHANGE (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzbx/

NASDAQ - ALL MARKETS (XNAS):

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

NEW YORK STOCK EXCHANGE, INC. (XNYS):
XNYS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/nyse_Price_List.pdf. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

INVESTORS EXCHANGE (IEXG):
IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://storage.googleapis.com/assets-bucket/exchange/assets/IEX_Exchange_Fee_Schedule_Current.pdf

NYSE MKT LLC (XASE):
XASE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE-Arca_Marketplace_Fees.pdf

August 2020

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders	Net Payment Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cent per hundred shares)
99.14	0.01	66.16	33.84	0.00	0.00	0.00	0.00

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(cent per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
ISE (XISE)	1.19	0.00	1.79	0.04	0.00	0.00	0.0000	15,394.14	30.9741	0.00	0.0000
NYSE AMEX OPTIONS (AMXO)	7.16	0.00	10.82	0.03	0.00	0.00	0.0000	1,873.23	26.0171	0.00	0.0000
NYSE ARCA OPTIONS (ARCO)	19.85	0.00	15.81	27.81	0.00	0.00	0.0000	168,679.82	24.9526	0.00	0.0000
CBOE BATO OPTIONS EXCHANGE (BATO)	18.19	0.00	22.41	10.04	0.00	0.00	0.0000	29,713.15	39.5122	0.00	0.0000
MIAX EMERALD, LLC (EMLD)	3.34	0.00	1.07	7.78	0.00	0.00	0.0000	2,226.47	35.9108	0.00	0.0000
ISE GMI EXCHANGE (GMI)	4.15	0.00	1.95	8.45	0.00	0.00	0.0000	5,572.56	44.9400	0.00	0.0000
MIAX PEARL, LLC (MPRL)	5.23	0.01	3.32	8.99	0.00	7.00	0.0000	24,075.80	68.3972	0.00	0.0000
NASDAQ OPTIONS MARKET (XNDQ)	2.01	0.00	1.84	2.36	0.00	0.00	0.0000	29,112.18	52.3600	0.00	0.0000
NASDAQ OMX PHLX (XPHL)	0.80	0.01	1.18	0.05	0.00	3.87	0.0000	152,795.63	50.4110	0.00	0.0000

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

NASDAQ - ALL MARKETS (XNAS):

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

NEW YORK STOCK EXCHANGE, INC. (XNYS):

XNYS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

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
0.51	0.01	68.83	31.17	0.00

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(cent per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
NYSE ARCA (ARCX)	8.13	0.00	9.23	5.18	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATS)	30.88	0.00	28.86	36.36	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA OPTIONS EXCHANGE (EDGA)	2.78	0.00	3.80	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGX OPTIONS EXCHANGE (EDGX)	7.65	0.00	10.11	1.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
INVESTORS EXCHANGE (IEXG)	0.88	0.00	1.20	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE MKT LLC (XASE)	25.28	0.00	19.74	40.31	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Market 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 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 - ALL MARKETS (XNAS)	12.93	0.00	15.84	5.05	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.29	0.00	3.12	0.03	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATY OPTIONS EXCHANGE (BATY)	1.62	0.00	2.22	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX (XBOS)	0.59	0.00	0.81	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE ARCA (ARCX):

ARCX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE-Arca_Marketplace_Fees.pdf For options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATS OPTIONS EXCHANGE (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE EDGA OPTIONS EXCHANGE (EDGA):

EDGA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE EDGX OPTIONS EXCHANGE (EDGX):

EDGX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

INVESTORS EXCHANGE (IXG):

IXG has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://storage.googleapis.com/assets-bucket/exchange/assets/EX_Exchange_Fee_Schedule_Current.pdf

NYSE MKT LLC (XASE):

XASE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE-Arca_Marketplace_Fees.pdf

NASDAQ - ALL MARKETS (XNAS):

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

NEW YORK STOCK EXCHANGE, INC. (XNYS):

XNYS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

CBOE BATY OPTIONS EXCHANGE (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

NASDAQ OMX BX (XBOS):

XBOS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

September 2020

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
0.37	0.00	68.83	31.17	0.00

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 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 (ARCX)	9.81	0.00	11.74	4.98	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BATS OPTIONS EXCHANGE (BATS)	30.26	0.00	26.73	39.10	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BAY OPTIONS EXCHANGE (BAY)	1.96	0.00	2.74	0.02	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA OPTIONS EXCHANGE (EDGA)	3.04	0.00	4.25	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGX OPTIONS EXCHANGE (EDGX)	9.41	0.00	12.69	1.16	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE MKT LLC (XASE)	22.43	0.00	16.12	38.24	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX (XBOS)	0.94	0.00	1.31	0.01	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ - ALL MARKETS (XNAS)	12.08	0.00	14.98	4.80	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NEW YORK STOCK EXCHANGE INC. (XNYS)	2.12	0.00	2.95	0.03	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
INVESTORS EXCHANGE (IEXG)	1.03	0.00	1.44	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE NATIONAL, INC. (XGIS)	0.01	0.00	0.01	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	0.01	0.00	0.01	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE ARCA (ARCX):

ARCX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf For options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATS OPTIONS EXCHANGE (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE BATTY OPTIONS EXCHANGE (BATTY):

BATTY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

CBOE EDGA OPTIONS EXCHANGE (EDGA):

EDGA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE EDGX OPTIONS EXCHANGE (EDGX):

EDGX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

NYSE MKT LLC (XASE):

XASE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

NASDAQ OMX BX (XBOS):

XBOS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>

NASDAQ - ALL MARKETS (XNAS):

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2>. For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

NEW YORK STOCK EXCHANGE, INC. (XNYS):

XNYS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf For Options: The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>

INVESTORS EXCHANGE (IEXG):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://storage.googleapis.com/assets-bucket/exchange/fee_schedule/Current.pdf

NYSE NATIONAL, INC. (XCIS):

XCIS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.nyse.com/markets/nyse-national>

NASDAQ OMX PSX (XPSX):

XPSX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: http://www.nasdaqtrader.com/Trader.aspx?id=PSX_Pricing

September 2020

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
99.12	0.01	68.83	31.17	0.00

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(cent per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
NYSE ARCA OPTIONS (ARCO)	18.75	0.00	13.11	31.33	0.00	0.00	0.0000	101,300.33	24.7678	123,747.31	25.4101	0.00	0.000
CBOE BATO OPTIONS EXCHANGE (BATO)	15.24	0.00	17.61	10.11	0.00	0.00	0.0000	81,942.14	47.5027	16,747.53	38.6779	0.00	0.000
ISE GMINI EXCHANGE (GMINI)	3.76	0.00	1.28	9.26	0.00	0.00	0.0000	9,616.39	51.1510	3,101.64	39.7646	0.00	0.000
BOX OPTIONS EXCHANGE (XBOX)	2.47	0.00	3.60	0.01	0.00	0.00	0.0000	3,322.85	44.3047	736.30	61.3583	0.00	0.000
NASDAQ OPTIONS MARKET (XNDQ)	2.02	0.00	1.27	3.69	0.00	0.00	0.0000	53,538.84	48.5393	22,389.43	58.6111	0.00	0.000
NYSE AMEX OPTIONS (AMXO)	8.94	0.01	13.02	0.03	0.00	5.00	0.0000	3,553.61	35.8951	1,876.91	25.3636	0.00	0.000
CBOE EDGO OPTIONS EXCHANGE (EDGO)	0.16	0.00	0.23	0.01	0.00	0.00	0.0000	4,806.95	42.5394	30,005.30	48.3177	0.00	0.000
MIAX EMERALD, LLC (EMILD)	3.95	0.00	1.52	9.33	0.00	0.00	0.0000	4,591.83	51.5936	1,134.14	27.6620	0.00	0.000
MIAX PEARL, LLC (MPRL)	8.67	0.00	8.43	9.27	0.00	0.00	0.0000	19,361.65	49.1412	13,246.18	66.8999	0.00	0.000
CBOE GLOBAL MARKETS INC. (XCBO)	1.00	0.01	1.09	0.03	0.00	0.00	0.0000	27,611.71	49.2187	91,777.43	52.9282	0.00	0.000
MIAX XMIO, LLC (XMIO)	2.76	0.00	4.01	0.01	0.00	0.00	0.0000	9,878.89	50.6610	45,235.37	50.9982	0.00	0.000
NASDAQ OMX PHLX (XPHL)	4.03	0.00	5.86	0.05	0.00	0.00	0.0000	24,734.48	44.5666	73,134.05	49.4149	0.00	0.000
ISE (XISE)	0.10	0.00	0.13	0.03	0.00	0.00	0.0000	13,325.94	25.0018	5,795.28	27.8619	0.00	0.000
NASDAQ OMX BY OPTIONS (XBXO)	0.01	0.00	0.01	0.00	0.00	0.00	0.0000	1,911.91	50.3134	11.91	0.0000	0.00	0.000
ISE MERCURY, LLC (MCRY)	0.01	0.00	0.01	0.00	0.00	0.00	0.0000	158.81	39.7025	7.44	0.0000	0.00	0.000

Material Aspects:

NYSE ARCA OPTIONS (ARCO):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrocks.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrocks.com/supplemental-reports/>.

CBOE BATO OPTIONS EXCHANGE (BATO):

NASDAQ OMX BX OPTIONS (XBXO):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrockex.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrockex.com/supplemental-reports/>

ISE MERCURY, LLC (MCRY):

The Firm has entered an agreement with Instinet, pursuant to which the Firm is provided access to its tiered pricing/payment schedule for client orders routed to Instinet for execution on the exchange. Information reflecting Instinet's tiered pricing schedule can be found at the following link: <https://spiderrockex.com/supplemental-reports/>. Pursuant to this agreement, the Firm also receives (i) 100% of any benefit tied to Instinet's tiered pricing/payment schedule for the tiers that the Firm reaches independent of Instinet's customer orders, and (ii) a split of any benefit between the tier reached by the Firm's customer orders and the tier reached by Instinet inclusive of the Firm's customer orders. Finally, this agreement allows the Firm to benefit from a portion of payments for order flow ("PFOF") that Instinet receives from the Firm's client orders that are routed to Instinet for execution on the exchange. Information on the Firm's PFOF payments for this quarter can be found at the following link: <https://spiderrockex.com/supplemental-reports/>