

UBS Financial Services Inc - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2024

July 2024

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
100.00	84.76	7.19	3.10	4.95

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)
JANE STREET CAPITAL, LLC (JNST)	26.97	31.18	0.36	0.03	10.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	18.27	21.03	1.45	0.05	6.88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS SECURITIES LLC (UBSS)	14.50	10.19	57.90	28.27	16.95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
KNIGHT LINK (KNLI)	12.45	14.02	1.39	0.04	9.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
G1 Execution Services, LLC (ETMM)	10.43	12.06	0.16	0.00	4.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TWO SIGMA SECURITIES, LLC (SOHO)	7.12	8.09	1.71	0.04	2.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.89	0.07	3.27	19.62	40.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

JANE STREET CAPITAL, LLC (JNST):

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

Citadel Securities LLC (CDRG):

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

UBS SECURITIES LLC (UBSS):

Both UBSFS and UBS Securities LLC (UBSS) are registered broker-dealers that are wholly owned by UBS AG. UBSFS routes most of its customer held orders in NMS stocks to UBSS for further order handling. UBSS may then either route the orders as agent to other venues for execution or, with respect to UBSFS's brokerage customer orders, UBSS may execute such orders on a principal basis, subject to the principles of best execution. When executing UBSFS customer orders as principal, UBSS stands to realize any of the profits or losses generated by this activity. When handling UBSFS customer orders as agent, UBSS may route the orders to other venues, including but not limited to, national securities exchanges and broker-dealers. When UBSS routes orders to certain securities exchanges, UBSS may qualify for volume-based fees and rebates from such exchanges based on the volume-tier schedule published by the exchange. UBSS does not pass any such rebates through to UBSFS. In addition, UBSFS does not receive any payment for order flow from or have any profit-sharing arrangement with UBSS. For more information about UBSS's routing of its customer orders in NMS securities and the material aspects of its relationships with its identified venues (including rebates received), see UBSS's quarterly public disclosure, available at: <https://public.s3.com/rule606/ubss/>

KNIGHT LINK (KNLI):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

G1 Execution Services, LLC (ETMM):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

TWO SIGMA SECURITIES, LLC (SOHO):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

NEW YORK STOCK EXCHANGE, INC. (XNYS):
When routing orders to this market center for execution, UBSS may qualify for volume-based fees and rebates based on the volume-tier schedule publicly provided by this market center. However, UBSS does not pass through to UBSFS the rebates or fees applicable to UBSFS's customer orders.

July 2024

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
100.00	84.73	9.44	2.13	3.70

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
JANE STREET CAPITAL, LLC (JNST)	28.78	32.99	0.99	0.28	19.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	19.41	22.12	2.03	0.30	12.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
KNIGHT LINK (KNLI)	13.31	14.72	1.78	0.18	18.26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS SECURITIES LLC (UBSS)	11.38	7.11	44.40	30.00	14.44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
G1 Execution Services, LLC (ETMM)	11.09	12.71	0.35	0.09	7.62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TWO SIGMA SECURITIES, LLC (SOHO)	7.55	8.50	1.39	0.10	5.69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

JANE STREET CAPITAL, LLC (JNST):
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Citadel Securities LLC (CDRG):

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

KNIGHT LINK (KNLI):
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UBS SECURITIES LLC (UBSS):
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G1 Execution Services, LLC (ETMM):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

TWO SIGMA SECURITIES, LLC (SOHO):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

July 2024

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
99.97	48.29	13.80	33.20	4.70

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Susquehanna Investment Group (SIGL)	37.31	35.40	22.87	47.93	23.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITADEL SECURITIES (CDED)	31.65	25.59	16.18	47.72	25.83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE OPTIONS EXCHANGE (CBSX)	12.67	14.25	32.56	3.28	4.42	-1,286.2029	-1.5100	-1,112.7945	-1.5100	-199.5314	-1.5100	-14.4507	-1.5100
BOX OPTIONS EXCHANGE (XBOX)	6.29	10.86	7.51	0.03	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (WEXX)	4.74	8.26	5.16	0.00	0.83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

Susquehanna Investment Group (SIGL):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

CITADEL SECURITIES (CDED):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

CBOE OPTIONS EXCHANGE (CBSX):

The net payments reflected above solely include transaction fees paid to and rebates received from the CBOE, by UBSFS, in accordance with CBOE's published volume-tier schedule. At the end of July 2024, UBSFS was charged \$0.00 per share for equity & ETF options <100 contracts and \$0.36 per share for SPX & SPESG options with premiums <\$1.00 & \$0.45 per share for options with premiums >=\$1. UBSFS also paid \$0.0025 per share for trades processing services. UBSFS' volume tier for the month was Tier 1. Please note that CBOE in its sole discretion may add, remove, and change volume tiers as well as exchange fees and rebates month-to-month. Overall transaction fees and rebates for CBOE transactions executed by UBSFS will vary month-to-month depending on trading activity level including volume and type of order flow. From time to time, the amount of rebates that UBSFS receives from an exchange may exceed the amount of fees that UBSFS is charged by such exchange. In these limited circumstances, the receipt of net payments from an exchange would constitute payment for order flow. More information about CBOE's pricing schedule is available at: <http://www.cboe.com/trading-resources/fee-schedules>. UBSFS does not base equities or options order routing decisions on the receipt of payment for order flow. To the extent that any exchange provides UBSFS with a rebate or similar payment, such payments: (i) are provided according to exchange fee schedules and rules approved by the SEC; (ii) are not actively solicited or sought after by UBSFS; (iii) if received, are de minimus; and (iv) do not influence UBSFS's order routing practices, which are determined by UBSFS's duty of best execution. UBSFS effectively manages this potential conflict of interest by (i) providing customer disclosures regarding its payment for order flow practices; (ii) not seeking out or negotiating payments for order flow; and (iii) making order routing determinations wholly independently from any rebates or similar payments that UBSFS may receive.

BOX OPTIONS EXCHANGE (XBOX):
When routing orders to this market center for execution, UBSS may qualify for volume-based fees and rebates based on the volume-tier schedule publicly provided by this market center. However, UBSS does not pass through to UBSFS the rebates or fees applicable to UBSFS's customer orders.

WOLVERINE EXECUTION SERVICES, LLC (WEXX):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

August 2024

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
100.00	85.30	7.06	2.97	4.67

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)
JANE STREET CAPITAL, LLC (JNST)	27.83	31.86	0.41	0.02	12.48	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	18.57	21.22	1.16	0.02	8.30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS SECURITIES LLC (UBSS)	14.49	10.17	59.72	27.12	17.10	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
KNIGHT LINK (KNLI)	12.56	14.10	1.07	0.01	9.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
G1 Execution Services, LLC (ETMM)	11.26	12.92	0.15	0.00	4.97	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TWO SIGMA SECURITIES, LLC (SOHO)	5.44	6.10	1.40	0.01	2.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

JANE STREET CAPITAL, LLC (JNST):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

Citadel Securities LLC (CDRG):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

UBS SECURITIES LLC (UBSS):

Both UBSFS and UBS Securities LLC (UBSS) are registered broker-dealers that are wholly owned by UBS AG. UBSFS routes most of its customer held orders in NMS stocks to UBSS for further order handling. UBSS may then either route the orders as agent to other venues for execution or, with respect to UBSFS's brokerage customer orders, UBSS may execute such orders on a principal basis, subject to the principles of best execution. When executing UBSFS customer orders as principal, UBSS stands to realize any of the profits or losses generated by this activity. When handling UBSFS customer orders as agent, UBSS may route the orders to other venues, including but not limited to, national securities exchanges and broker-dealers. When UBSS routes orders to certain securities exchanges, UBSS may qualify for volume-based fees and rebates from such exchanges based on the volume-tier schedule published by the exchange. UBSS does not pass any such rebates through to UBSFS. In addition, UBSFS does not receive any payment for order flow from or have any profit-sharing arrangement with UBSS. For more information about UBSS's routing of its customer orders in NMS securities and the material aspects of its relationships with its identified venues (including rebates received), see UBSS's quarterly public disclosure, available at: <https://public.s3.com/rule606/ubss/>

KNIGHT LINK (KNLI):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

G1 Execution Services, LLC (ETMM):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

TWO SIGMA SECURITIES, LLC (SOHO):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

August 2024

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
100.00	82.36	11.67	2.45	3.53

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
JANE STREET CAPITAL, LLC (JNST)	28.16	33.18	0.90	0.23	19.54	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	19.03	22.25	2.13	0.20	12.74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
KNIGHT LINK (KNLI)	12.93	14.72	1.72	0.19	17.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS SECURITIES LLC (UBSS)	12.34	7.78	40.24	27.61	16.39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
G1 Execution Services, LLC (ETMM)	11.50	13.56	0.38	0.08	8.08	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TWO SIGMA SECURITIES, LLC (SOHO)	5.53	6.32	1.39	0.08	4.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NASDAQ - ALL MARKETS (XNAS)	1.68	0.15	7.38	17.63	7.51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:
JANE STREET CAPITAL, LLC (JNST):
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Citadel Securities LLC (CDRG):

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UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

TWO SIGMA SECURITIES, LLC (SOHO):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

NASDAQ - ALL MARKETS (XNAS):
When routing orders to this market center for execution, UBSS may qualify for volume-based fees and rebates based on the volume-tier schedule publicly provided by this market center. However, UBSS does not pass through to UBSFS the rebates or fees applicable to UBSFS's customer orders.

August 2024

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
99.96	46.80	13.03	35.67	4.50

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)
Susquehanna Investment Group (SIGL)	36.25	34.19	23.39	45.49	20.83	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITADEL SECURITIES (CDED)	32.56	25.72	17.05	48.17	25.25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE OPTIONS EXCHANGE (CBSX)	12.51	12.83	39.00	3.29	5.55	-1,858.6190	-2.4500	-1,514.1980	-2.4500	-314.4575	-2.4500	-41.6010	-2.4500
BOX OPTIONS EXCHANGE (XBOX)	10.32	18.46	12.73	0.03	0.27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

Susquehanna Investment Group (SIGL):
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CITADEL SECURITIES (CDED):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

CBOE OPTIONS EXCHANGE (CBSX):

The net payments reflected above solely include transaction fees paid to and rebates received from the CBOE, by UBSFS, in accordance with CBOE's published volume-tier schedule. At the end of August 2024, UBSFS was charged was charged \$0.18 per share for ETF contracts >=100 contracts to remove liquidity, \$0.00 per share for equity & ETF options <100 contracts, \$0.36 per share for SPX & SPESG options with premiums <\$1.00, \$0.45 per share for SPX & SPESG options with premiums >=\$1, \$0.17 per share on VIX & complex options contracts with premiums between \$0.11 & \$0.99, \$0.30 per share on contracts with premiums between \$1 & \$1.99 and \$0.45 per share on contracts with premiums >=\$2.00 and received a rebate of \$0.13 per share for XSP options for <10 contracts. UBSFS also paid \$0.0025 per share for trades processing services, & execution surcharges of \$0.21 per share for SPX options, \$0.14 per share for SPXW options. UBSFS' volume tier for the month was Tier 1. Please note that CBOE in its sole discretion may add, remove, and change volume tiers as well as exchange fees and rebates month-to-month. Overall transaction fees and rebates for CBOE transactions executed by UBSFS will vary month-to-month depending on trading activity level including volume and type of order flow. From time to time, the amount of rebates that UBSFS receives from an exchange may exceed the amount of fees that UBSFS is charged by such exchange. In these limited circumstances, the receipt of net payments from an exchange would constitute payment for order flow. More information about CBOE's pricing schedule is available at: <http://www.cboe.com/trading-resources/fee-schedules>. UBSFS does not base equities or options order routing decisions on the receipt of payment for order flow. To the extent that any exchange provides UBSFS with a rebate or similar payment, such payments: (i) are provided according to exchange fee schedules and rules approved by the SEC; (ii) are not actively solicited or sought after by UBSFS; (iii) if received, are de minimus; and (iv) do not influence UBSFS's order routing practices, which are determined by UBSFS's duty of best execution. UBSFS effectively manages this potential conflict of interest by (i) providing customer disclosures regarding its payment for order flow practices; (ii) not seeking out or negotiating payments for order flow; and (iii) making order routing determinations wholly independently from any rebates or similar payments that UBSFS may receive.

BOX OPTIONS EXCHANGE (XBOX):
When routing orders to this market center for execution, UBSS may qualify for volume-based fees and rebates based on the volume-tier schedule publicly provided by this market center. However, UBSS does not pass through to UBSFS the rebates or fees applicable to UBSFS's customer orders.

September 2024

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
100.00	86.57	5.42	2.92	5.10

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)
JANE STREET CAPITAL, LLC (JNST)	26.70	30.10	0.42	0.00	11.41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	20.03	22.56	1.12	0.01	8.71	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS SECURITIES LLC (UBSS)	13.07	9.15	66.26	24.83	16.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
KNIGHT LINK (KNLI)	12.07	13.35	0.88	0.01	9.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
G1 Execution Services, LLC (ETMM)	11.80	13.32	0.18	0.00	5.23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TWO SIGMA SECURITIES, LLC (SOHO)	3.97	4.42	0.74	0.01	2.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
HUDSON RIVER TRADING (HRT) (HRTF)	3.93	4.40	0.69	0.01	1.62	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

JANE STREET CAPITAL, LLC (JNST):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

Citadel Securities LLC (CDRG):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

Both UBSFS and UBS Securities LLC (UBSS) are registered broker-dealers that are wholly owned by UBS AG. UBSFS routes most of its customer held orders in NMS stocks to UBSS for further order handling. UBSS may then either route the orders as agent to other venues for execution or, with respect to UBSFS's brokerage customer orders, UBSS may execute such orders on a principal basis, subject to the principles of best execution. When executing UBSFS customer orders as principal, UBSS stands to realize any of the profits or losses generated by this activity. When handling UBSFS customer orders as agent, UBSS may route the orders to other venues, including but not limited to, national securities exchanges and broker-dealers. When UBSS routes orders to certain securities exchanges, UBSS may qualify for volume-based fees and rebates from such exchanges based on the volume-tier schedule published by the exchange. UBSS does not pass any such rebates through to UBSFS. In addition, UBSFS does not receive any payment for order flow from or have any profit-sharing arrangement with UBSS. For more information about UBSS's routing of its customer orders in NMS securities and the material aspects of its relationships with its identified venues (including rebates received), see UBSS's quarterly public disclosure, available at: <https://public.s3.com/rule606/ubss/>

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

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UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

Non-S&P 500 Stocks

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	81.01	12.87	2.29	3.83

[illegible]

JANE STREET CAPITAL, LLC (JNST):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

Citadel Securities LLC (CDRG):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

KNIGHT LINK (KNLI):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

UBS SECURITIES LLC (UBSS): Both UBSFS and UBS Securities LLC (UBSS) are registered broker-dealers that are wholly owned by UBS AG. UBSFS routes most of its customer held orders in NMS stocks to UBSS for further order handling. UBSS may then either route the orders as agent to other venues for execution or, with respect to UBSFS's brokerage customer orders, UBSS may execute such orders on a principal basis, subject to the principles of best execution. When executing UBSFS customer orders as principal, UBSS stands to realize any of the profits or losses generated by this activity. When handling UBSFS customer orders as agent, UBSS may route the orders to other venues, including but not limited to, national securities exchanges and broker-dealers. When UBSS routes orders to certain securities exchanges, UBSS may qualify for volume-based fees and rebates from such exchanges based on the volume-tier schedule published by the exchange. UBSS does not pass any such rebates through to UBSFS. In addition, UBSFS does not receive any payment for order flow from or have any profit-sharing arrangement with UBSS. For more information about UBSS's routing of its customer orders in NMS securities and the material aspects of its relationships with its identified venues (including rebates received), see UBSS's quarterly public disclosure, available at: <https://public.s3.com/rule606/ubss/>

LIBSES did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

TWO SIGMA SECURITIES, LLC (SOHO):
UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

NASDAQ - ALL MARKETS (XNAS):
When routing orders to this market center for execution, UBSS may qualify for volume-based fees and rebates based on the volume-tier schedule publicly provided by this market center. However, UBSS does not pass through to UBSFS the rebates or fees applicable to UBSFS's customer orders.

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
99.97	48.64	12.97	34.09	4.30

[illegible]

Material Aspects:

Susquehanna Investment Group (SIGL):

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

CITADEL SECURITIES (CDED):

UBSFS did not receive any payment for order flow from or have any profit-sharing arrangement with this venue during the calendar quarter.

CBOE OPTIONS EXCHANGE (CBSX):

The net payments reflected above solely include transaction fees paid to and rebates received from the CBOE, by UBSFS, in accordance with CBOE's published volume-tier schedule. At the end of September 2024, UBSFS was charged \$0.75 per share for routing fees to ARCA, BX, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, PHLX (SPY only), \$1.25 per share for routings to ARCA, BX, BZX, C2, ISE, GMNI, MERC, EMLD, PERL, NOMX, MEMX, (Non-Penny) & \$0.25 per share for routings to MEX, BOX, EDGX, MIAX, SPHR, PHLX (excluding SPY). UBSFS was also charged \$0.18 for ETF options contracts >= 100 contracts removing liquidity, \$0.36 per share for SPX & SPESG options with premiums <\$1.00 & \$0.45 per share for options with premiums >=\$1, \$0.45 per share for VIX and complex options contracts with premiums >=\$2.00, \$0.00 per share for ETF options for <100 contracts, \$0.00 per share for equity & ETF options & received a rebate of \$0.13 per share for XSP options for <10 contracts. UBSFS also paid \$0.0025 per share for trades processing services, & execution surcharges of \$0.21 per share for SPX options, \$0.14 per share for SPXW options. UBSFS' volume tier for the month was Tier 1. Please note that CBOE in its sole discretion may add, remove, and change volume tiers as well as exchange fees and rebates month-to-month. Overall transaction fees and rebates for CBOE transactions executed by UBSFS will vary month-to-month depending on trading activity level including volume and type of order flow. From time to time, the amount of rebates that UBSFS receives from an exchange may exceed the amount of fees that UBSFS is charged by such exchange. In these limited circumstances, the receipt of net payments from an exchange would constitute payment for order flow. More information about CBOE's pricing schedule is available at: <http://www.cboe.com/trading-resources/fee-schedules>. UBSFS does not base equities or options order routing decisions on the receipt of payment for order flow. To the extent that any exchange provides UBSFS with a rebate or similar payment, such payments: (i) are provided according to exchange fee schedules and rules approved by the SEC; (ii) are not actively solicited or sought after by UBSFS; (iii) if received, are de minimus; and (iv) do not influence UBSFS's order routing practices, which are determined by UBSFS's duty of best execution. UBSFS effectively manages this potential conflict of interest by (i) providing customer disclosures regarding its payment for order flow practices; (ii) not seeking out or negotiating payments for order flow; and (iii) making order routing determinations wholly independently from any rebates or similar payments that UBSFS may receive.

BOX OPTIONS EXCHANGE (XBOX):

When routing orders to this market center for execution, UBSS may qualify for volume-based fees and rebates based on the volume-tier schedule publicly provided by this market center. However, UBSS does not pass through to UBSFS the rebates or fees applicable to UBSFS's customer orders.