

Hilltop Securities - Held NMS Stocks and Options Order Routing Public Report

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4th Quarter, 2023

October 2023

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	89.59	1.85	5.64	2.93

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)
StoneX Financial, Inc.	23.55	24.80	21.89	11.90	9.07	257.63	5.0000	31.38	5.0000	18.82	5.0000	5.22	5.0000
Virtu Americas, LLC	22.12	19.96	27.92	31.60	66.35	285.48	5.0000	24.35	5.0000	31.70	5.0000	14.11	2.7825
CITADEL SECURITIES LLC	20.86	20.12	25.28	37.05	9.55	179.03	4.9797	15.80	5.0000	54.56	4.8968	2.52	4.0179
UBS Securities, LLC	18.85	19.84	14.34	10.04	8.35	155.74	4.9390	34.06	4.9993	15.27	3.5504	4.91	3.9856
G1 Execution Services, LLC	14.29	14.93	10.57	9.42	6.68	178.95	5.0001	23.48	4.9996	12.42	5.0002	4.42	5.0057

Material Aspects:

StoneX Financial, Inc.:

Hilltop Securities receives Payment for Order Flow as Indicated in the Net Payment Paid/Received disclosure for this Venue. Payment received by Hilltop for Held NMS orders is based on a rate per share of 0.0005. No payment is received for subdollar shares. Execution costs incurred in the execution of these orders are not passed through to Hilltop. No agreement exists specifying any minimum quantities or percentages required to be routed to any venue and rates paid per share are not adjusted for increases or decreases in quantities or percentages of shares routed. These rates are subject to change at any time. Please contact compliance-equity@hilltopsecurities.com with any questions.

Virtu Americas, LLC:

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October 2023

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	82.29	3.71	8.20	5.80

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)
StoneX Financial, Inc.	23.49	25.41	21.85	11.17	14.66	1,228.53	4.7388	239.43	4.3773	55.05	3.6540	101.87	5.0000
Virtu Americas, LLC	23.35	20.51	33.41	30.70	46.75	1,175.29	4.2889	240.59	3.4675	199.68	3.9625	77.90	2.5565
CITADEL SECURITIES LLC	20.72	19.73	21.14	34.25	15.33	884.89	4.4769	161.50	4.1061	193.44	3.7000	74.84	4.9352
UBS Securities, LLC	18.21	19.48	11.68	12.81	12.04	867.67	4.6703	158.22	4.7460	68.56	1.8093	62.03	4.8974
G1 Execution Services, LLC	14.07	14.66	11.92	11.06	11.22	734.74	4.6825	97.78	3.7624	88.95	3.6503	51.77	4.9997

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October 2023

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
100.00	26.08	14.77	56.49	2.66

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)
Global Execution Brokers LP	53.72	70.27	34.52	51.07	54.42	1,691.25	32.5930	2,234.09	33.4896	6,868.05	37.0265	13,559.24	37.9439
CITADEL SECURITIES LLC	39.88	20.10	40.15	48.74	44.22	1,564.95	32.5963	3,983.07	38.0282	4,257.77	36.3074	784.68	36.2104
Matrix Executions, LLC / Simplex Trading, LLC	6.40	9.63	25.34	0.19	1.36	1,479.75	41.3223	1,444.39	37.1308	141.60	72.2449	0.00	0.0000

Material Aspects:

Global Execution Brokers LP:
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November 2023

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	91.95	1.68	4.35	2.02

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)
StoneX Financial, Inc.	26.07	27.19	24.57	11.94	6.43	276.61	5.0000	27.31	5.0000	9.99	5.0000	2.62	5.0000
Virtu Americas, LLC	21.46	19.51	34.91	35.99	67.50	199.16	5.0000	61.94	5.0000	28.03	4.4100	7.16	1.3169
CITADEL SECURITIES LLC	20.02	19.50	21.12	33.83	12.86	201.05	4.9916	21.11	4.9908	37.02	4.9221	1.73	0.8456
UBS Securities, LLC	18.56	19.48	7.76	7.96	8.21	172.42	4.8566	30.79	4.9918	10.05	3.9925	3.51	3.5556
G1 Execution Services, LLC	13.58	13.96	11.64	10.28	5.00	143.84	4.9999	22.34	4.9994	10.95	5.0014	1.19	5.0042

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November 2023

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	80.50	4.34	9.60	5.57

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)
StoneX Financial, Inc.	24.12	26.21	19.79	11.40	19.15	1,267.37	4.6255	294.85	4.1856	86.79	4.6503	95.05	5.0000
Virtu Americas, LLC	22.50	19.79	31.36	32.61	37.26	757.71	3.6518	196.66	1.9400	157.04	3.5899	64.51	2.1589
CITADEL SECURITIES LLC	21.59	20.13	23.71	33.65	20.19	954.56	4.4450	295.37	3.8481	302.08	4.0491	72.60	4.2174
UBS Securities, LLC	17.87	19.51	11.85	10.19	12.00	719.79	4.5479	152.99	3.9962	74.26	3.1272	53.86	4.9223
G1 Execution Services, LLC	13.82	14.21	13.29	12.14	11.40	639.17	4.5375	184.13	4.2763	46.00	3.8671	56.52	5.0000

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100.00	20.82	13.13	63.46	2.59

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)
Global Execution Brokers LP	52.03	76.09	35.81	47.79	44.68	2,283.60	33.9316	4,753.20	38.2582	9,946.00	41.7023	16,867.76	38.1926
CITADEL SECURITIES LLC	42.69	12.75	43.04	52.04	52.66	3,288.15	41.8979	6,173.50	38.5362	6,408.20	36.9839	18.30	30.0000
Matrix Executions, LLC / Simplex Trading, LLC	5.25	11.16	21.15	0.13	2.66	1,854.90	38.3086	1,763.10	34.5503	24.00	30.0000	0.00	0.0000

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100.00	89.93	1.99	5.08	3.01

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)
StoneX Financial, Inc.	27.61	29.52	21.94	9.87	4.06	383.21	5.0000	108.79	5.0000	9.36	5.0000	1.34	5.0000
CITADEL SECURITIES LLC	20.93	20.16	25.16	38.48	11.54	235.05	4.9942	45.50	5.0000	53.36	4.9119	0.64	1.1651
Virtu Americas, LLC	20.64	18.17	26.77	31.27	72.44	252.63	5.0000	16.07	5.0000	21.37	3.7009	13.06	2.5958
UBS Securities, LLC	17.91	18.87	12.58	10.13	5.98	242.95	5.0000	50.92	5.0000	11.41	5.0000	1.07	5.0000
G1 Execution Services, LLC	12.45	12.78	13.55	10.00	5.98	161.59	4.9999	29.69	5.0003	7.58	5.0023	0.37	5.0546

Material Aspects:

StoneX Financial, Inc.:
Hilltop Securities receives Payment for Order Flow as Indicated in the Net Payment Paid/Received disclosure for this Venue. Payment received by Hilltop for Held NMS orders is based on a rate per share of 0.0005. No payment is received for subdollar shares. Execution costs incurred in the execution of these orders are not passed through to Hilltop. No agreement exists specifying any minimum quantities or percentages required to be routed to any venue and rates paid per share are not adjusted for increases or decreases in quantities or percentages of shares routed. These rates are subject to change at any time. Please contact compliance-equity@hilltopsecurities.com with any questions.

CITADEL SECURITIES LLC:
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Virtu Americas, LLC:
Hilltop Securities receives Payment for Order Flow as Indicated in the Net Payment Paid/Received disclosure for this Venue. Payment received by Hilltop for Held NMS orders is based on a rate per share of 0.0005 for shares priced above \$3. No payment is received for odd lots. Execution costs incurred in the execution of these orders are not passed through to Hilltop. No agreement exists specifying any minimum quantities or percentages required to be routed to any venue and rates paid per share are not adjusted for increases or decreases in quantities or percentages of shares routed. These rates are subject to change at any time. Please contact compliance-equity@hilltopsecurities.com with any questions.

UBS Securities, LLC:
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G1 Execution Services, LLC:
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December 2023

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	84.00	4.22	7.40	4.38

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)
StoneX Financial, Inc.	27.63	30.12	20.53	12.61	11.98	1,962.06	4.8148	355.18	4.6220	59.63	3.9145	39.42	5.0000
Virtu Americas, LLC	21.33	18.60	31.47	30.46	48.39	1,021.90	3.5623	266.10	2.6326	100.45	1.4377	61.08	2.3198
CITADEL SECURITIES LLC	21.15	19.84	25.46	35.55	17.85	1,382.80	4.7444	305.03	3.9592	212.94	3.4133	23.81	4.7667
UBS Securities, LLC	17.12	18.33	11.60	9.61	11.90	1,015.54	4.8679	210.17	4.6600	81.12	3.5766	30.71	5.0000
G1 Execution Services, LLC	12.53	12.82	10.93	11.76	9.89	821.84	4.7480	141.49	4.3882	63.13	4.2428	27.34	5.0003

Material Aspects:

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Virtu Americas, LLC:
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CITADEL SECURITIES LLC:
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December 2023

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
100.00	14.07	13.74	69.41	2.78

Venues

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	53.10	21.36	51.60	59.77	54.55	1,946.85	34.8025	8,164.25	36.5291	6,751.20	39.2489	73.50	56.1069
Global Execution Brokers LP	42.10	61.34	32.72	40.03	42.58	2,003.25	36.0686	4,040.40	39.4917	9,879.05	42.0099	4,635.63	34.8780

Material Aspects:

CITADEL SECURITIES LLC:
Hilltop Securities receives Payment for Order Flow as Indicated in the Net Payment Paid/Received disclosure for this Venue. Payment received by Hilltop for Held option orders is based on the following rates per contract: Penny, 0.30; Non-Penny, 0.75. Rates are for non-professional customer orders only. No payment is received for subpenny contracts, index options or directed orders. Fees incurred in the execution of index option orders are passed through to Hilltop. Other execution costs incurred are not passed through to Hilltop. No agreement exists specifying any minimum quantities or percentages required to be routed to any venue and rates paid per contract are not adjusted for increases or decreases in quantities or percentages of contracts routed. These rates are subject to change at any time. Please contact compliance-equity@hilltopsecurities.com with any questions.

Global Execution Brokers LP:
Hilltop Securities receives Payment for Order Flow as Indicated in the Net Payment Paid/Received disclosure for this Venue. Payment received by Hilltop for option orders is based on the following rates per contract: Penny, 0.30; Non-Penny, 0.75. No payment for proprietary symbols and fees incurred in their execution are passed through to Hilltop. Other execution costs incurred are not passed through to Hilltop. No agreement exists specifying any minimum quantities or percentages required to be routed to any venue and rates paid per contract are not adjusted for increases or decreases in quantities or percentages of contracts routed. These rates are subject to change at any time. Please contact compliance-equity@hilltopsecurities.com with any questions.