Vision Securities - 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
ĺ	30.43	39.30	7.60	30.88	22.21

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 (CDRG)	81.45	72.38	63.15	85.13	98.65	-4,654.9980	-18.1766	-441.1284	-13.9627	-663.2636	-17.1324	-1,152.7540	-20.0000
SPEEDROUTE LLC (SPDR)	9.18	11.20	27.55	8.66	0.00	5,156.7094	50.0735	5,827.7151	48.0277	634.4541	5.1950	0.0000	0.0000
Two Sigma Securities, LLC (SOHO)	8.89	16.19	7.95	5.96	0.37	-490.0860	-15.0000	-585.6720	-15.0000	-667.1085	-15.0000	-61.2180	-15.0000

Material Aspects:

Citadel Securities LLC (CDRG):

For details on Vision's relationship with this venue, please refer to Vision's Rate Card at this link, https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

SPEEDROUTE LLC (SPDR)

For details on Vision's relationship with this venue, please refer to Vision's Rate Card at this link, https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

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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
15.80	30.80	10.55	39.31	19.33

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 (CDRG)	76.43	62.68	52.63	83.10	97.70	-20,457.7744	-12.1689	-4,216.4205	-7.9529	-4,066.9159	-9.9300	-4,579.5920	-13.0414
Two Sigma Securities, LLC (SOHO)	13.46	21.43	23.18	10.81	0.87	-5,294.1120	-9.5192	-16,554.8385	-6.5157	-7,185.2775	-6.4375	-134.7150	-3.1780
SPEEDROUTE LLC (SPDR)	9.15	15.57	22.44	5.04	0.01	14,887.3961	35.2058	10,620.7550	13.5201	-408.5756	-1.1533	0.0000	0.0000

Material Aspects:

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Two Sigma Securities, LLC (S0H0): For details on Vision's relationship with this venue, please refer to Vision's Rate Card at this link, https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

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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
9.16	10.08	14.14	75.32	0.45

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)
WOLVERINE EXECUTION SERVICES, LLC (WEXX)	27.45	0.20	0.87	36.25	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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)
DASH FINANCIAL TECHNOLOGIES LLC (DFIN)	12.90	0.00	0.07	16.74	63.64	0.0000	0.0000	13.6275	59.2500	19.4450	54.0139	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (EMLD)	9.36	0.41	8.52	10.77	0.00	-1.2000	-30.0000	-651.5000	-30.6589	-2,353.0000	-30.0205	0.0000	0.0000
VOLANT LIQUIDITY, LLC (BZXL)	8.57	4.49	0.00	10.77	0.00	-0.3800	-38.0000	0.0000	0.0000	-12.5400	-38.0000	0.0000	0.0000
VOLANT LIQUIDITY, LLC (EMLD)	5.72	0.31	0.07	7.53	0.00	-0.9800	-19.6000	-5.7000	-38.0000	-1,223.4700	-38.0906	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XMIO)	5.36	4.80	29.50	0.92	2.27	-36.2000	-31.7544	-1,757.3000	-31.8641	-220.2000	-37.3221	-1.5000	-30.0000
VOLANT LIQUIDITY, LLC (XMIO)	4.41	37.49	3.42	0.19	0.00	20.2100	2.2185	-14.7800	-4.8619	2.6300	3.1687	0.0000	0.0000
DASH FINANCIAL TECHNOLOGIES LLC (XCBO)	3.35	1.12	2.26	3.68	31.82	156.8000	51.2419	1,516.0950	56.2768	1,178.5975	46.9748	749.2125	55.7036
WOLVERINE EXECUTION SERVICES, LLC (XBOX)	3.09	2.76	13.55	1.18	2.27	-57.9000	-30.0000	-1,073.8000	-32.1690	-379.2000	-31.7057	-9.6000	-30.0000
DASH FINANCIAL TECHNOLOGIES LLC (XISX)	3.08	0.00	0.00	4.09	0.00	0.0000	0.0000	0.0000	0.0000	-165.9000	-35.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XCBO)	2.64	0.31	13.40	0.94	0.00	-1.1155	-27.8875	62.1307	29.5861	15.0365	20.8841	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XBXO)	2.03	0.61	2.69	2.11	0.00	-2.2000	-36.6667	-143.2000	-31.6815	-201.6000	-70.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (EDGO)	1.74	0.92	8.23	0.64	0.00	-2.7000	-30.0000	-542.5000	-30.4947	-71.2000	-52.3530	0.0000	0.0000
VOLANT LIQUIDITY, LLC (ARCO)	1.61	13.89	1.31	0.03	0.00	-97.9500	-19.4732	-124.0500	-39.5064	-8.0000	-20.0000	0.0000	0.0000

WOLVERINE EXECUTION SERVICES, LLC (WEXX):

Orders routed to Wolverine Execution Services are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

DASH FINANCIAL TECHNOLOGIES LLC (DFIN):

Orders routed to Dash are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

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VOLANT LIQUIDITY, LLC (BZXL):

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WOLVERINE EXECUTION SERVICES, LLC (XMIO):

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VOLANT LIQUIDITY LLC (XMIO)

Orders routed to Volant are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

DASH FINANCIAL TECHNOLOGIES LLC (XCBO):

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WOLVERINE EXECUTION SERVICES, LLC (XBOX):

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DASH FINANCIAL TECHNOLOGIES LLC (XISX):

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WOLVERINE EXECUTION SERVICES, LLC (XCBO):

Orders routed to Wolverine Execution Services are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

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WOLVERINE EXECUTION SERVICES, LLC (EDGO):

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VOLANT LIQUIDITY, LLC (ARCO):

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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
35.03	53.89	5.67	24.74	15.70

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)
Citadel Securities LLC (CDRG)	89.82	91.71	70.51	84.45	98.77	-6,609.8000	-19.9574	-350.5204	-14.4185	-649.3448	-15.7887	-1,025.9040	-20.0000
Two Sigma Securities, LLC (SOHO)	6.36	7.97	6.84	6.23	0.83	-442.9515	-14.9989	-300.3255	-15.0000	-418.2810	-15.0000	-8.5530	-15.0000

Material Aspects:

Citadel Securities LLC (CDRG):

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Two Sigma Securities, LLC (SOHO):

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
24.25	57.00	8.27	23.40	11.32

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 (CDRG)	88.99	93.21	68.10	81.88	97.60	-100,101.5670	-16.2135	-3,501.7797	-7.4527	-4,616.6155	-9.6364	-4,614.1220	-17.3373
Two Sigma Securities, LLC (SOHO)	7.61	6.49	15.84	10.20	1.89	-4,833.4545	-8.3797	-12,977.1330	-5.5419	-7,868.4675	-6.1520	-494.4570	-3.2222

Material Aspects:

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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
ĺ	9.68	14.29	12.03	72.35	1.33

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)
DASH FINANCIAL TECHNOLOGIES LLC (DFIN)	21.68	0.07	0.59	28.74	60.31	0.0000	0.0000	-5.0000	-35.7143	8.5600	35.6667	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (WEXX)	15.23	0.43	5.66	20.02	0.00	3.9000	30.0000	540.5000	39.3091	475.7000	34.4961	0.0000	0.0000
VOLANT LIQUIDITY, LLC (BZXL)	7.76	2.42	0.34	10.09	5.34	0.0000	0.0000	4.3000	6.2319	0.0000	0.0000	0.0000	0.0000
RICE SECURITIES, LLC (RICJ)	7.13	0.07	13.34	7.62	0.00	-0.3000	-30.0000	-104.9900	-27.4126	-161.5900	-33.1128	0.0000	0.0000
VOLANT LIQUIDITY, LLC (XMIO)	6.79	41.93	4.31	0.37	0.76	-116.2000	-12.5486	-20.6500	-13.1529	-6.2000	-10.3334	0.0500	5.0000
VOLANT LIQUIDITY, LLC (EMLD)	5.89	0.43	0.34	8.00	0.00	-5.8800	-29.4000	1.9300	16.0834	-1,173.5400	-38.1888	0.0000	0.0000
DASH FINANCIAL TECHNOLOGIES LLC (XCBO)	5.88	7.68	6.25	5.00	31.30	4,405.1900	57.7352	352.7700	53.6125	3,513.4100	55.3468	1,442.7600	56.5789
WOLVERINE EXECUTION SERVICES, LLC (EMLD)	4.71	0.85	4.56	5.59	0.00	25.8000	31.4635	230.4000	30.6383	947.1000	30.0000	0.0000	0.0000
VOLANT LIQUIDITY, LLC (ARCO)	2.96	18.91	1.69	0.06	0.76	-89.1000	-18.7975	-10.4300	-11.9886	-2.7500	-18.3334	-0.2000	-20.0000
DASH FINANCIAL TECHNOLOGIES LLC (XISX)	2.54	0.14	1.44	3.24	0.00	-0.7000	-35.0000	-13.9000	-33.9025	-199.3000	-40.1815	0.0000	0.0000
DASH FINANCIAL TECHNOLOGIES LLC (ARCO)	2.51	0.00	2.45	3.06	0.00	0.0000	0.0000	-22.1000	-31.1268	-203.6000	-30.1184	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XMIO)	1.95	2.35	9.38	0.67	0.00	18.1000	30.6780	553.1000	30.5750	31.0000	34.4445	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XCBO)	1.77	0.14	10.90	0.60	0.00	-1.4250	-71.2500	-65.1225	-50.0943	7.4475	11.4577	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XBOX)	1.67	1.92	7.69	0.65	0.00	16.6000	33.2000	716.4000	31.1479	101.6000	34.3244	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (MXOP)	1.19	0.21	0.42	1.53	0.00	0.9000	30.0000	3.2000	40.0000	121.0000	65.0538	0.0000	0.0000
VOLANT LIQUIDITY, LLC (EDGO)	0.84	5.26	0.76	0.00	0.00	2.2200	1.8049	-1.6500	-4.8530	0.0000	0.0000	0.0000	0.0000

DASH FINANCIAL TECHNOLOGIES LLC (DFIN): Orders routed to Dash are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

WOLVERINE EXECUTION SERVICES, LLC (WEXX):

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VOLANT LIQUIDITY, LLC (BZXL):

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RICE SECURITIES, LLC (RICJ):

Orders routed to Rice are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

VOLANT LIQUIDITY, LLC (XMIO):

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VOLANT LIQUIDITY, LLC (EMLD):

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WOLVERINE EXECUTION SERVICES, LLC (XMIO):

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WOLVERINE EXECUTION SERVICES, LLC (XCBO):

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WOLVERINE EXECUTION SERVICES. LLC (XBOX):

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WOLVERINE EXECUTION SERVICES, LLC (MXOP):

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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
37.78	62.40	4.81	18.63	14.16

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)
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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 (CDRG)	91.18	93.66	55.47	85.86	99.38	-7,135.2940	-18.3491	-506.0100	-16.3344	-481.4816	-16.4629	-997.7920	-20.0000
Two Sigma Securities, LLC (SOHO)	5.60	6.19	8.14	6.84	0.51	-510.9165	-15.0000	-592.8195	-15.0000	-524.4585	-15.0000	-7.3830	-15.0000

Citadel Securities LLC (CDRG):

For details on Vision's relationship with this venue, please refer to Vision's Rate Card at this link, https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

Two Sigma Securities, LLC (SOHO):

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September 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
1	24.22	60.72	6.89	21.19	11.17

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 (CDRG)	88.41	93.04	48.99	82.10	99.30	-92,346.4127	-17.8696	-4,329.5851	-7.7562	-3,103.5381	-8.7042	-3,797.7620	-15.7850
Two Sigma Securities, LLC (SOHO)	7.87	6.72	18.83	11.43	0.61	-4,954.9395	-11.0450	-15,733.6710	-6.1677	-7,706.4750	-7.6253	-246.3315	-7.5511

Material Aspects:

Citadel Securities LLC (CDRG):

For details on Vision's relationship with this venue, please refer to Vision's Rate Card at this link, https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

Two Sigma Securities, LLC (SOHO):

For details on Vision's relationship with this venue, please refer to Vision's Rate Card at this link, https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

September 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
9.43	10.77	14.81	74.12	0.30

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)
DASH FINANCIAL TECHNOLOGIES LLC (DFIN)	21.32	0.00	0.77	28.51	26.92	0.0000	0.0000	0.0000	0.0000	-1.2000	-24.0000	0.0000	0.0000
VOLANT LIQUIDITY, LLC (BZXL)	13.46	5.63	0.08	17.23	23.08	0.0000	0.0000	0.1275	0.1518	-1.8000	-60.0000	0.0000	0.0000
RICE SECURITIES, LLC (RICJ)	11.09	0.21	17.54	11.43	0.00	-1.2000	-30.0000	-134.2300	-28.4386	-208.4400	-32.5688	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (WEXX)	9.25	0.64	0.15	12.34	3.85	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VOLANT LIQUIDITY, LLC (EMLD)	7.39	0.53	0.54	9.79	0.00	2.7750	55.5000	-1.5550	-7.4048	-873.9400	-37.5404	0.0000	0.0000
DASH FINANCIAL TECHNOLOGIES LLC (ARCO)	4.74	0.32	5.10	5.33	0.00	-10.8000	-30.0000	-89.0000	-25.7226	-316.1000	-22.9891	0.0000	0.0000
DASH FINANCIAL TECHNOLOGIES LLC (XCBO)	3.56	3.08	6.72	2.90	26.92	1,695.8375	57.2339	296.7500	41.8548	687.4525	47.0536	412.0875	56.0664
WOLVERINE EXECUTION SERVICES, LLC (EMLD)	3.42	1.06	2.63	3.94	0.00	-4.2000	-30.0000	-144.0000	-30.2522	-1,554.0000	-30.0000	0.0000	0.0000
VOLANT LIQUIDITY, LLC (ARCO)	2.84	24.65	1.16	0.02	0.00	-59.7900	-18.4538	-8.2300	-11.7572	-0.1950	-19.5000	0.0000	0.0000
DASH FINANCIAL TECHNOLOGIES LLC (XISX)	2.79	0.43	2.09	3.29	0.00	-1.4000	-35.0000	-78.5000	-20.7672	-124.5500	-35.9972	0.0000	0.0000
VOLANT LIQUIDITY, LLC (XMIO)	2.52	17.11	3.55	0.19	3.85	10.3800	3.4486	6.5050	4.8186	0.6550	3.2750	0.5000	5.0000
VOLANT LIQUIDITY, LLC (MCRY)	1.98	14.56	2.47	0.03	7.69	-47.5300	-21.1245	-52.2475	-23.0166	-0.5100	-25.5000	-7.0700	-35.3500
WOLVERINE EXECUTION SERVICES, LLC (XMIO)	1.65	3.40	7.57	0.22	0.00	-20.6000	-31.2122	-476.2000	-32.1323	-62.3000	-30.3903	0.0000	0.0000

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)
DASH FINANCIAL TECHNOLOGIES LLC (AMXO)	1.40	0.53	8.04	0.20	0.00	-6.0000	-30.0000	-80.4000	-30.4546	-9.5000	-41.3044	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (XBOX)	1.32	2.02	5.87	0.29	3.85	-32.4000	-30.0000	-847.1000	-41.1015	-94.6000	-30.9151	-1.4000	-70.0000
DASH FINANCIAL TECHNOLOGIES LLC (EDGO)	1.24	0.43	6.96	0.22	0.00	-4.0000	-30.7693	-152.7000	-23.8222	-22.1000	-34.0000	0.0000	0.0000
WOLVERINE EXECUTION SERVICES, LLC (EDGO)	0.95	1.49	3.86	0.29	0.00	-29.7000	-30.0000	-478.2000	-36.7282	-79.6000	-30.1516	0.0000	0.0000

DASH FINANCIAL TECHNOLOGIES LLC (DFIN):

Orders routed to Dash are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

VOLANT LIQUIDITY, LLC (BZXL):

Orders routed to Volant are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

RICE SECURITIES, LLC (RICJ):

Orders routed to Rice are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

WOLVERINE EXECUTION SERVICES, LLC (WEXX):

Orders routed to Wolverine Execution Services are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

VOLANT LIQUIDITY, LLC (EMLD):

Orders routed to Volant are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

DASH FINANCIAL TECHNOLOGIES LLC (ARCO):

Orders routed to Dash are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

DASH FINANCIAL TECHNOLOGIES LLC (XCBO):

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WOLVERINE EXECUTION SERVICES, LLC (EMLD):

Orders routed to Wolverine Execution Services are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

VOLANT LIQUIDITY, LLC (ARCO):

Orders routed to Volant are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

DASH FINANCIAL TECHNOLOGIES LLC (XISX):

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VOLANT LIQUIDITY, LLC (XMIO):

Orders routed to Volant are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

VOLANT LIQUIDITY, LLC (MCRY):

Orders routed to Volant are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

WOLVERINE EXECUTION SERVICES, LLC (XMIO):

Orders routed to Wolverine Execution Services are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

DASH FINANCIAL TECHNOLOGIES LLC (AMXO):

Orders routed to Dash are then routed to various options exchanges for execution. Please refer to Vision's rate card at https://www.vfmarkets.com/wp-content/uploads/2024/10/Vision-Financial-Markets-Rate-Card-Q3-2024.pdf

WOLVERINE EXECUTION SERVICES, LLC (XBOX):

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DASH FINANCIAL TECHNOLOGIES LLC (EDGO):

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