Alpaca Securities LLC - Held NMS Stocks and Options Order Routing Public Report

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4th Quarter, 2025

October 2025

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	56.9768	17.6259	19.4422	5.9552

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)
Virtu Americas, LLC (NITE)	24.9943	26.9654	17.2812	16.5596	56.5019	42,897.18	80.9605	5,920.51	56.3618	2,600.70	23.4231	6,249.39	53.8553
Citadel Securities LLC (CDRG)	55.9586	56.8970	61.2972	59.6421	19.1548	80,725.67	72.2062	19,384.14	52.0241	10,321.31	25.8099	1,206.73	30.6751
Jane Street Capital, LLC (JNST)	15.5100	11.7699	18.4314	21.5596	22.8964	15,558.42	67.2733	6,557.21	58.5276	3,593.64	24.8599	2,574.43	54.7481
GTS Securities LLC (GTSM)	3.5370	4.3677	2.9902	2.2386	1.4469	6,063.91	70.6565	885.07	48.6938	375.25	25.0000	74.29	25.0000

Material Aspects:

Virtu Americas, LLC (NITE):

Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Virtu and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher per share or higher that are filled during the core session will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Virtu both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Virtu can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Virtu's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Citadel Securities LLC (CDRG):

Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders filled between 4:00 am ET - 7:00 am ET, Alpaca will pay or receive pass-through exchange/ECN fees and will incur an additional cost of .0002 per share if the execution price is equal to or over $1. Extended hours orders filled between 7:00am ET - 9:30 am ET and 4:00 pm - 8:00 pm ET will not be paid a rebate and will not incur a cost. However, orders marked as extended hours eligible filled in the core session will receive a payment at the below terms. Orders filled on the primary auction will not receive a rebate or charge.
Orders filled on the primary closing auctions/crosses will incur a charge against Alpaca of 12 mils per share. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Citadel both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Citadel can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Citadel's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Jane Street Capital, LLC (JNST):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Jane Street Capital, LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Jane Street both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Jane Street can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as Jane Street's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

GTS Securities LLC (GTSM):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to GTS Securities LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as GTS Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as GTS Securities LLC can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
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October 2025

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	63.6005	16.1622	17.7158	2.5215

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)
Virtu Americas, LLC (NITE)	22.4636	26.5468	10.6797	12.1134	67.7248	412,223.02	14.2489	45,511.73	15.3881	68,131.06	18.5286	45,217.47	15.4534
Citadel Securities LLC (CDRG)	56.7815	54.5731	64.7994	62.1508	23.3679	789,405.06	13.2734	131,176.35	7.3098	329,433.89	17.4616	16,170.92	16.0170
Jane Street Capital, LLC (JNST)	17.1836	13.8623	23.2380	24.8747	8.1122	185,546.58	12.2822	88,316.02	13.7234	130,062.43	17.2249	6,750.16	19.2595

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GTS Securities LLC (GTSM)	3.5713	5.0178	1.2830	0.8611	0.7951	71,910.22	13.1505	6,082.59	17.1197	5,001.54	19.1333	810.76	23.6006

Material Aspects:

Virtu Americas, LLC (NITE):
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(or provide less) payment for order flow. A market maker's (such as GTS Securities LLC's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

October 2025

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	12.63	42.53	41.63	3.21

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)	38.7291	38.5172	39.9862	37.4137	39.9699	67,651.80	60.0000	236,503.20	60.0000	216,622.80	60.0000	17,827.20	60.0000
Jane Street Capital, LLC (JNST)	19.6128	21.3805	20.2859	18.2651	21.2212	37,552.80	60.0000	119,983.20	60.0000	105,753.60	60.0000	9,465.00	60.0000
Dash Financial (DFIN)	41.6581	40.1023	39.7279	44.3212	38.8089	70,435.80	60.0000	234,975.60	60.0000	256,617.00	60.0000	17,309.40	60.0000

Material Aspects:

Citadel Securities LLC (CDRG):
Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Citadel Securities LLC (CDRG) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Citadel Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Citadel Securities LLC generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Citadel Securities LLC (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). The spread used was the average spread on marketable orders from the prior month as calculated by Citadel Securities LLC. Spread dollars is calculated as the difference between the bid and ask for rebate calculations (listed above in this paragraph) multiplied by the options multiplier of the options contract traded (usually 100).

Furthermore, Alpaca Securities and Citadel Securities LLC do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Citadel Securities LLC.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

Jane Street Capital, LLC (JNST):
Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Jane Street Capital, LLC (JNST) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Jane Street Capital, LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Jane Street Capital, LLC generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Jane Street Capital, LLC (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). Spread Dollars is calculated as the difference between the bid and ask at the time the order is acknowledged by Jane Street Capital, LLC, and then multiplied by the multiplier of the options contract. This is for all orders (marketable and non-marketable orders).

Furthermore, Alpaca Securities and Jane Street Capital, LLC do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Jane Street Capital, LLC.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

Dash Financial (DFIN):

Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Dash Financial (DFIN) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Dash Financial both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Dash Financial generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Dash Financial (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). Spread Dollars is calculated as the difference between the bid and ask at the time the order is acknowledged by Dash Financial, and then multiplied by the multiplier of the options contract. This is for all orders (marketable and non-marketable orders).

Furthermore, Alpaca Securities and Dash Financial do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Dash Financial.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

November 2025

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	61.4943	16.2625	15.9809	6.2622

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)
Virtu Americas, LLC (NITE)	20.0191	20.6378	15.2114	13.5789	42.8646	27,533.40	82.9707	3,304.01	51.0794	1,418.54	25.0000	4,904.84	69.8814
Citadel Securities LLC (CDRG)	56.3355	58.5791	58.4897	59.8187	19.8208	69,153.27	73.4171	14,750.92	59.3081	6,427.18	25.7125	1,110.53	34.2173
Jane Street Capital, LLC (JNST)	19.9134	15.9019	23.4196	25.3842	36.2393	17,994.04	70.3729	7,314.23	73.4453	2,638.51	24.8746	4,176.98	70.3912
GTS Securities LLC (GTSM)	3.7320	4.8812	2.8793	1.2183	1.0754	5,490.37	69.9517	662.35	54.0970	127.04	24.9558	44.02	25.0000

Material Aspects:

Virtu Americas, LLC (NITE):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Virtu and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher per share or higher that are filled during the core session will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Virtu both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Virtu can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Virtu's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Citadel Securities LLC (CDRG):

Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders filled between 4:00 am ET - 7:00 am ET, Alpaca will pay or receive pass-through exchange/ECN fees and will incur an additional cost of .0002 per share if the execution price is equal to or over $1. Extended hours orders filled between 7:00am ET - 9:30 am ET and 4:00 pm - 8:00 pm ET will not be paid a rebate and will not incur a cost. However, orders marked as extended hours eligible filled in the core session will receive a payment at the below terms. Orders filled on the primary auction will not receive a rebate or charge.
Orders filled on the primary closing auctions/crosses will incur a charge against Alpaca of 12 mils per share. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Citadel both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Citadel can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Citadel's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Jane Street Capital, LLC (JNST):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Jane Street Capital, LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Jane Street both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Jane Street can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as Jane Street's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

GTS Securities LLC (GTSM):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to GTS Securities LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as GTS Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as GTS Securities LLC can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as GTS Securities LLC's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

November 2025

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	59.7118	19.1846	18.4927	2.6109

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)
Virtu Americas, LLC (NITE)	16.1993	18.2247	8.9401	10.6954	62.2009	177,731.44	17.9795	22,585.45	14.4967	32,631.32	18.1625	22,290.29	15.1097
Citadel Securities LLC (CDRG)	57.3608	55.1829	63.7628	62.5988	23.0290	453,295.66	15.1444	84,247.18	7.5818	175,090.86	16.6507	8,275.96	15.1524
Jane Street Capital, LLC (JNST)	22.7188	21.1657	25.8161	25.7534	13.9850	153,319.65	13.3549	61,362.31	13.6393	73,032.17	16.8816	6,712.86	20.2387

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)
GTS Securities LLC (GTSM)	3.7211	5.4267	1.4810	0.9525	0.7851	39,975.42	13.5811	4,168.59	16.1513	2,556.36	15.9776	464.81	24.9625

Material Aspects:

Virtu Americas, LLC (NITE):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Virtu and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher per share or higher that are filled during the core session will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Virtu both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Virtu can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Virtu's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Citadel Securities LLC (CDRG):
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Orders filled on the primary closing auctions/crosses will incur a charge against Alpaca of 12 mils per share. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Citadel both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Citadel can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Citadel's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Jane Street Capital, LLC (JNST):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Jane Street Capital, LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Jane Street both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Jane Street can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as Jane Street's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

GTS Securities LLC (GTSM):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to GTS Securities LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as GTS Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as GTS Securities LLC can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as GTS Securities LLC's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

November 2025

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	11.6669	41.8359	44.3676	2.1295

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)	28.4900	22.1492	31.0465	27.7155	29.1397	19,456.80	60.0000	97,795.20	60.0000	92,586.00	60.0000	4,672.20	60.0000
Jane Street Capital, LLC (JNST)	24.6850	32.1098	24.0048	23.3338	25.5211	28,206.60	60.0000	75,614.40	60.0000	77,948.40	60.0000	4,092.00	60.0000
Dash Financial (DFIN)	46.8251	45.7410	44.9487	48.9507	45.3392	40,180.80	60.0000	141,586.80	60.0000	163,524.00	60.0000	7,269.60	60.0000

Material Aspects:

Citadel Securities LLC (CDRG):
Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Citadel Securities LLC (CDRG) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Citadel Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Citadel Securities LLC generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Citadel Securities LLC (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). The spread used was the average spread on marketable orders from the prior month as calculated by Citadel Securities LLC. Spread dollars is calculated as the difference between the bid and ask for rebate calculations (listed above in this paragraph) multiplied by the options multiplier of the options contract traded (usually 100).

Furthermore, Alpaca Securities and Citadel Securities LLC do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Citadel Securities LLC.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

Jane Street Capital, LLC (JNST):
Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Jane Street Capital, LLC (JNST) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Jane Street Capital, LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Jane Street Capital, LLC generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Jane Street Capital, LLC (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). Spread Dollars is calculated as the difference between the bid and ask at the time the order is acknowledged by Jane Street Capital, LLC, and then multiplied by the multiplier of the options contract. This is for all orders (marketable and non-marketable orders).

Furthermore, Alpaca Securities and Jane Street Capital, LLC do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Jane Street Capital, LLC.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

Dash Financial (DFIN):

Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Dash Financial (DFIN) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Dash Financial both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Dash Financial generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Dash Financial (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). Spread Dollars is calculated as the difference between the bid and ask at the time the order is acknowledged by Dash Financial, and then multiplied by the multiplier of the options contract. This is for all orders (marketable and non-marketable orders).

Furthermore, Alpaca Securities and Dash Financial do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Dash Financial.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

December 2025

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	60.1784	18.4233	15.9894	5.4090

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)
Virtu Americas, LLC (NITE)	21.4304	23.4831	11.2599	14.2882	54.3479	26,678.29	73.0539	2,662.16	49.6610	1,475.94	25.0000	4,717.64	62.1024
Citadel Securities LLC (CDRG)	57.2884	57.6879	65.2572	60.0261	17.6086	54,331.63	60.5633	12,991.28	41.8156	6,273.27	25.2931	1,003.35	40.7654
Jane Street Capital, LLC (JNST)	18.0313	14.4457	21.5232	24.5725	26.6936	11,784.23	52.4572	6,211.97	60.6230	2,519.28	24.8128	2,531.79	67.8557
GTS Securities LLC (GTSM)	3.2499	4.3834	1.9598	1.1132	1.3498	4,388.43	64.3787	477.70	51.1999	115.00	25.0000	47.17	25.0000

Material Aspects:

Virtu Americas, LLC (NITE):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Virtu and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher per share or higher that are filled during the core session will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Virtu both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Virtu can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Virtu's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Citadel Securities LLC (CDRG):

Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders filled between 4:00 am ET - 7:00 am ET, Alpaca will pay or receive pass-through exchange/ECN fees and will incur an additional cost of .0002 per share if the execution price is equal to or over $1. Extended hours orders filled between 7:00am ET - 9:30 am ET and 4:00 pm - 8:00 pm ET will not be paid a rebate and will not incur a cost. However, orders marked as extended hours eligible filled in the core session will receive a payment at the below terms. Orders filled on the primary auction will not receive a rebate or charge.
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Jane Street Capital, LLC (JNST):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Jane Street Capital, LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Jane Street both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Jane Street can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
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GTS Securities LLC (GTSM):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to GTS Securities LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as GTS Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as GTS Securities LLC can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
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December 2025

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	59.8362	24.4117	13.4554	2.2968

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)
Virtu Americas, LLC (NITE)	16.0933	17.5904	11.3658	11.0344	56.9733	186,455.94	15.9669	42,041.07	13.6571	30,317.51	18.4048	21,509.85	14.8159
Citadel Securities LLC (CDRG)	56.2428	55.1302	58.7592	62.1877	23.6526	461,691.19	12.6148	146,880.36	9.2294	157,839.64	17.0019	9,116.10	15.1248
Jane Street Capital, LLC (JNST)	23.7040	22.3055	26.5306	25.6239	18.8468	158,166.86	10.6813	87,101.13	12.1216	65,832.73	17.2101	8,272.99	17.2261

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)
GTS Securities LLC (GTSM)	3.9600	4.9739	3.3445	1.1540	0.5273	41,720.01	12.6346	11,691.41	12.9070	3,504.14	20.3410	335.88	24.9991

Material Aspects:

Virtu Americas, LLC (NITE):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Virtu and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher per share or higher that are filled during the core session will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Virtu both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Virtu can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Virtu's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Citadel Securities LLC (CDRG):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders filled between 4:00 am ET - 7:00 am ET, Alpaca will pay or receive pass-through exchange/ECN fees and will incur an additional cost of .0002 per share if the execution price is equal to or over $1. Extended hours orders filled between 7:00am ET - 9:30 am ET and 4:00 pm - 8:00 pm ET will not be paid a rebate and will not incur a cost. However, orders marked as extended hours eligible filled in the core session will receive a payment at the below terms. Orders filled on the primary auction will not receive a rebate or charge.
Orders filled on the primary closing auctions/crosses will incur a charge against Alpaca of 12 mils per share. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price of $1 or higher will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Citadel both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Citadel can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide (or provide less) payment for order flow. A market maker's (such as Citadel's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

Jane Street Capital, LLC (JNST):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to Jane Street Capital, LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as Jane Street both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as Jane Street can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as Jane Street's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

GTS Securities LLC (GTSM):
Alpaca Securities receives revenue from third-party liquidity providers based on the order flow execution received at each destination. While rebate rates are substantially similar amongst the liquidity providers they may vary based on order characteristics (such as price of execution, marketability, and other characteristics). Extended hours orders routed to GTS Securities LLC and filled outside the core session will not receive payment. However, orders marked as extended hours eligible filled in the core session will receive a payment. Orders filled on the primary market opening and closing auctions/crosses will not receive a rebate nor incur a charge. Marketable orders filled during the core session will receive 12% of the spread per share, capped at 5 cents per share. Non-marketable orders filled at a price greater than or equal to $1 will receive a rebate of 20 mils per share. Non-marketable orders that are filled at a price of less than $1 and filled during the core session, Alpaca Securities LLC will receive a rebate of 1.3 mils per share. There is a potential conflict inherent to a market maker such as GTS Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Accordingly, from such anticipated profit, a market maker such as GTS Securities LLC can (i) forgo a portion of such anticipated profit to provide price improvement; (ii) forgo a portion of such anticipated profit to pay for order flow; or (iii) retain a larger portion of anticipated profit and not provide (or provide less) price improvement or not provide
(or provide less) payment for order flow. A market maker's (such as GTS Securities LLC's) anticipated profit must be allocated among these three sub-categories, such that an increased allocation to any one subcategory will result in a decreased allocation to one or more of the other categories.

December 2025

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	15.2815	38.5599	42.2570	3.9016

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)	27.7522	23.1319	29.9097	27.1816	30.7050	26,060.40	60.0000	85,026.00	60.0000	84,679.20	60.0000	8,832.00	60.0000
Jane Street Capital, LLC (JNST)	24.4439	28.2286	25.3339	21.7966	29.4952	31,802.40	60.0000	72,018.00	60.0000	67,903.20	60.0000	8,484.00	60.0000
Dash Financial (DFIN)	47.8040	48.6395	44.7563	51.0218	39.7997	54,797.40	60.0000	127,231.20	60.0000	158,949.00	60.0000	11,448.00	60.0000

Material Aspects:

Citadel Securities LLC (CDRG):
Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Citadel Securities LLC (CDRG) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Citadel Securities LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Citadel Securities LLC generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Citadel Securities LLC (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). The spread used was the average spread on marketable orders from the prior month as calculated by Citadel Securities LLC. Spread dollars is calculated as the difference between the bid and ask for rebate calculations (listed above in this paragraph) multiplied by the options multiplier of the options contract traded (usually 100).

Furthermore, Alpaca Securities and Citadel Securities LLC do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Citadel Securities LLC.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

Jane Street Capital, LLC (JNST):
Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Jane Street Capital, LLC (JNST) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Jane Street Capital, LLC both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Jane Street Capital, LLC generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Jane Street Capital, LLC (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). Spread Dollars is calculated as the difference between the bid and ask at the time the order is acknowledged by Jane Street Capital, LLC, and then multiplied by the multiplier of the options contract. This is for all orders (marketable and non-marketable orders).

Furthermore, Alpaca Securities and Jane Street Capital, LLC do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Jane Street Capital, LLC.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.

Dash Financial (DFIN):

Alpaca Securiteis, LLC routes customer orders in NMS securities that are options contracts to Dash Financial (DFIN) to facilitate the execution of and price improvement of client orders. Non-exchange third-party market centers compete for orders based on execution quality. There is a potential conflict inherent to a market maker such as Dash Financial both paying for order flow and providing price improvement, as the potential source of funds for each is the same, namely the anticipated profit the market maker seeks to earn from executing or facilitating the execution of Alpaca Securities LLC customer orders. Dash Financial generates revenue from executing or facilitating the execution of Alpaca Securities, LLC customer orders. In exchange for such routing, Alpaca Securities receives payment from Dash Financial (i.e. payment for order flow) in the amounts outlined in the above report and detailed below.

0.06 per contract + 9% of spread dollars (capped at 0.60 per contract). Spread Dollars is calculated as the difference between the bid and ask at the time the order is acknowledged by Dash Financial, and then multiplied by the multiplier of the options contract. This is for all orders (marketable and non-marketable orders).

Furthermore, Alpaca Securities and Dash Financial do not have any arrangements:
A. that require Alpaca Securities, LLC to meet certain volume thresholds or that provide incentives to Alpaca Securities, LLC for meeting or exceeding certain volume thresholds;
B. that require Alpaca Securities, LLC to meet certain minimum volume thresholds or that provide disincentives to Alpaca Securities, LLC for failing to meet certain minimum volume thresholds;
C. for volume-based tiered payment schedules; or
D. that requires Alpaca Securities, LLC to route any orders or a minimum number of orders to Dash Financial.

There is no rebate paid to Alpaca Securities LLC on sub-penny option contracts.