

Jefferies Group LLC - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2022

July 2022

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	4.07	91.97	3.87	0.09

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)
INSTINET, LLC (INJX)	16.00	28.14	13.66	62.88	0.00	33.5347	4.8746	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INVESTORS EXCHANGE (IEXG)	13.00	32.00	11.91	17.27	5.45	-44.1468	-7.3390	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS ATS (UBSA)	8.56	2.65	9.02	1.84	0.00	-9.9740	-10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SIGMA X2 (SGMT)	7.28	3.59	7.69	1.80	0.00	-7.0120	-10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CREDIT SUISSE AES CROSSFINDER (CAES)	7.13	2.00	7.59	1.80	0.00	-1.3025	-5.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD)	6.67	1.63	7.11	1.50	7.27	0.3912	4.9270	0.6400	16.0000	0.0000	0.0000	0.0000	0.0000
CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD)	6.56	3.22	6.92	1.54	5.45	-5.7520	-23.9667	-0.9210	-30.0000	0.0000	0.0000	0.0000	0.0000
CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD)	6.54	0.32	7.03	1.62	1.81	0.0302	1.1527	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MEMX LLC EQUITIES (MEMX)	6.47	0.40	6.96	1.45	0.00	-1.2000	-20.8333	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE EDGX U.S. EQUITIES EXCHANGE DARK (EDDP)	6.33	1.95	6.73	1.45	3.63	-3.5204	-29.6580	-1.8000	-30.0000	0.0000	0.0000	0.0000	0.0000
JPMX (JPMX)	6.27	2.61	6.64	1.28	0.00	-11.7670	-10.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

INVESTORS EXCHANGE (IEGX):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://iextrading.com/trading/fees/>

CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE EDGA Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE BZX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE BYX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

MEMX LLC EQUITIES (MEMX):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://memx.us10.list-manage.com/track/click?u=c0be7e7fe905293c01c0f1961&id=0865731c89&e=393c1050cd>

CBOE EDGX U.S. EQUITIES EXCHANGE DARK (EDDP):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE EDGX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

July 2022

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	2.57	79.27	15.60	2.55

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)
INSTINET, LLC (INJX)	16.80	29.40	13.26	31.69	15.63	19.0592	1.3179	-0.9490	-6.3992	10.8591	3.0192	12.5056	14.4573
INVESTORS EXCHANGE (IEGX)	14.40	27.30	14.39	13.22	14.92	-120.3199	-6.4527	-1.4745	-7.6957	-3.3198	-8.8741	-6.2361	-9.0000

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)
CREDIT SUISSE AES CROSSFINDER (CAES)	8.18	2.52	8.68	6.88	6.21	-14.8620	-5.0000	-0.0500	-5.0000	-2.4995	-5.0000	-0.3000	-5.0000
SIGMA X2 (SGMT)	8.13	4.57	8.59	6.68	6.21	-41.5930	-10.0000	-0.4000	-10.0000	-7.5500	-10.0000	-0.1000	-10.0000
JPMX (JPMX)	7.49	2.11	7.89	6.73	4.91	-15.0160	-10.0000	-0.4500	-10.0000	-7.0880	-10.0000	-1.0750	-10.0000
UBS ATS (UBSA)	7.26	4.74	7.70	5.59	6.32	-44.5800	-10.0000	-1.3790	-10.0000	-7.1410	-10.0000	-0.5060	-10.0000
CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD)	6.09	3.26	6.60	4.01	5.81	-0.6780	-2.1906	0.4432	14.7733	0.0830	2.2016	0.0000	0.0000
CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD)	6.08	6.14	6.49	4.01	5.93	-27.7860	-25.6850	-6.3000	-30.0000	-2.4930	-27.3655	-2.0490	-30.0000
CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD)	5.84	1.44	6.31	4.17	5.74	0.3530	1.1394	0.2200	2.0000	0.0012	0.1132	0.0000	0.0000
MEMX LLC EQUITIES (MEMX)	5.54	1.72	6.05	3.52	5.68	-17.4360	-28.4995	0.0000	0.0000	-2.6100	-30.0000	0.0000	0.0000
CBOE EDGX U.S. EQUITIES EXCHANGE DARK (EDDP)	5.43	3.95	5.84	3.54	5.70	-39.8767	-29.1198	-5.5246	-29.9109	-27.7800	-30.0000	-0.1680	-22.1053

Material Aspects:

INVESTORS EXCHANGE (IEXG):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://iextrading.com/trading/fees/>

CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD):

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CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD):

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CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD):

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MEMX LLC EQUITIES (MEMX):

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CBOE EDGX U.S. EQUITIES EXCHANGE DARK (EDDP):

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July 2022

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	0.00	0.00	0.00	100.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for 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)
Chicago Board Options Exchange (C20X)	21.70	0.00	0.00	0.00	21.70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-5,862.7700	-43.3978
Boston Options Exchange, LLC (XBOX)	10.89	0.00	0.00	0.00	10.89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-28,692.2200	-58.0203
CBOE EDGX U.S. Equities Exchange (EDGO)	10.89	0.00	0.00	0.00	10.89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-3,457.1400	-40.2274
International Securities Exchange (XISX)	10.88	0.00	0.00	0.00	10.88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2,658.1100	-23.6415
Miami Options Exchange (XMIO)	10.88	0.00	0.00	0.00	10.88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-10,024.7300	-52.6067
NYSE American Options (AMXO)	10.87	0.00	0.00	0.00	10.87	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-47.5500	-2.9083
ISE MERCURY, LLC (MCRY)	10.69	0.00	0.00	0.00	10.69	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	337.5200	2.0000
Philadelphia Stock Exchange (XPHO)	10.51	0.00	0.00	0.00	10.51	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,450.9300	-18.2369

Material Aspects:

Chicago Board Options Exchange (C20X):

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August 2022

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	5.00	83.05	7.44	4.51

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)
INSTINET, LLC (INJX)	21.72	35.93	18.39	48.73	22.82	43.0040	2.9771	0.9601	15.7136	0.8798	1.9080	6.7330	2.2093
INVESTORS EXCHANGE (IEXG)	14.70	21.13	14.20	15.59	15.42	-3.7359	-0.2909	-1.5903	-7.0523	-0.0846	-2.0634	0.0000	0.0000
UBS ATS (UBSA)	8.47	4.83	9.14	3.80	7.82	-26.0010	-10.0000	-0.0150	-10.0000	-0.7140	-10.0000	-0.5600	-10.0000
SIGMA X2 (SGMT)	7.42	4.12	7.92	3.76	7.94	-28.3880	-10.0000	-0.7600	-10.0000	-0.9620	-10.0000	-11.1750	-10.0000
CREDIT SUISSE AES CROSSFINDER (CAES)	7.08	1.23	7.69	3.73	7.81	-1.9260	-5.0000	-0.0025	-5.0000	-0.1700	-5.0000	-0.3860	-5.0000
JPMX (JPMX)	6.92	1.81	7.70	2.63	5.20	-11.8490	-10.0000	-0.0950	-10.0000	-0.2470	-10.0000	-0.5000	-10.0000
CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD)	6.54	7.49	7.19	2.45	0.30	-18.1285	-12.5954	-2.3280	-29.3199	-0.0750	-1.8750	0.8250	2.5191
CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD)	6.34	3.74	7.24	1.77	0.18	-11.1870	-14.2256	0.1770	8.1567	0.0000	0.0000	0.0000	0.0000
BARCLAYS ATS (BARX)	6.29	1.39	6.76	3.41	7.81	-11.8510	-10.0000	-0.0050	-10.0000	-0.8130	-10.0000	-0.5000	-10.0000
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	5.46	0.16	6.37	1.97	0.48	-0.3150	-5.0000	0.0000	0.0000	0.0000	0.0000	-0.1500	-5.0000

Material Aspects:

INVESTORS EXCHANGE (IEXG):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://iextrading.com/trading/fees/>

CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE BZX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE EDGA Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

August 2022

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	2.67	71.96	3.99	21.39

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)
INSTINET, LLC (INJX)	15.52	28.91	13.42	39.88	16.52	-222.4124	-3.8931	-96.3853	-16.9612	-78.2819	-13.0919	118.8533	3.8733
INVESTORS EXCHANGE (IEXG)	12.88	24.36	12.11	13.91	13.84	-126.3216	-3.4762	-1.3890	-0.4396	-0.5607	-0.1738	0.0000	0.0000
UBS ATS (UBSA)	7.19	2.69	7.69	4.18	6.62	-126.7050	-10.0000	-0.8900	-10.0000	-23.2170	-10.0000	-26.1540	-10.0000
SIGMA X2 (SGMT)	7.18	6.40	7.32	3.73	7.45	-203.3220	-10.0000	-31.4900	-10.0000	-1.0900	-10.0000	-46.6310	-10.0000
CREDIT SUISSE AES CROSSFINDER (CAES)	6.97	0.92	7.31	4.13	7.13	-31.8410	-5.0000	-17.5580	-5.0000	-1.6410	-5.0000	-6.2665	-5.0000
MEMX LLC EQUITIES (MEMX)	6.06	7.21	6.45	2.37	5.28	-8.8230	-1.7431	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD)	6.01	0.32	6.58	3.01	5.36	-1.3916	-7.4417	0.3014	0.3154	0.0000	0.0000	0.0205	0.2314
CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD)	5.97	5.04	6.18	4.09	5.74	85.5160	6.2446	-18.8085	-29.9213	0.7790	10.4284	-117.4343	-11.3689

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)
CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD)	5.90	1.12	6.37	2.43	5.56	-1.2782	-2.9317	2.7432	15.9396	0.0000	0.0000	-0.0590	-0.2915
JPMX (JPMX)	5.85	1.28	6.08	3.83	6.01	-62.8780	-10.0000	-11.5710	-10.0000	-3.2940	-10.0000	-20.0410	-10.0000
BARCLAYS ATS (BARX)	5.59	1.41	5.71	3.47	6.11	-118.5910	-10.0000	-36.5250	-10.0000	-5.3300	-10.0000	-7.0270	-10.0000
CBOE EDGX U.S. EQUITIES EXCHANGE DARK (EDDP)	5.51	1.94	5.90	2.50	5.22	-38.6300	-22.2254	-19.5191	-28.3749	0.0000	0.0000	-10.6080	-20.5064

Material Aspects:

INVESTORS EXCHANGE (IEXG):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://extrading.com/trading/fees/>

MEMX LLC EQUITIES (MEMX):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://memx.us10.list-manage.com/track/click?u=c0be7e7fe905293c01c0f1961&id=0865731c89&e=393c1050cd>

CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE BYX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE BZX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE EDGA Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edga/

CBOE EDGX U.S. EQUITIES EXCHANGE DARK (EDDP):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. CBOE EDGX Exchange has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/edgx/

August 2022

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	0.00	0.00	0.00	100.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for 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)
Chicago Board Options Exchange (C2OX)	21.43	0.00	0.00	0.00	21.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-5,053.6700	-46.4815
Miami Options Exchange (XMIO)	10.86	0.00	0.00	0.00	10.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-11,125.6800	-54.9254
CBOE EDGX U.S. Equities Exchange (EDGO)	10.76	0.00	0.00	0.00	10.76	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2,975.5600	-41.7622
International Securities Exchange (XISX)	10.70	0.00	0.00	0.00	10.70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,987.1700	-21.2376
Boston Options Exchange, LLC (XBOX)	10.66	0.00	0.00	0.00	10.66	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-16,700.3200	-50.3113
NYSE American Options (AMXO)	10.59	0.00	0.00	0.00	10.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-106.3900	-8.2923
ISE MERCURY, LLC (MCRY)	10.22	0.00	0.00	0.00	10.22	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	560.7600	2.2765
Philadelphia Stock Exchange (XPHO)	10.20	0.00	0.00	0.00	10.20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	68.4200	0.8188

Material Aspects:

Chicago Board Options Exchange (C2OX):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: https://www.cboe.com/us/options/membership/fee_schedule/ctwo/

Miami Options Exchange (XMIO):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.miaoptions.com/fees>

CBOE EDGX U.S. Equities Exchange (EDGO):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: https://www.cboe.com/us/options/membership/fee_schedule/edx/

International Securities Exchange (XISX):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>

Boston Options Exchange, LLC (XBOX):

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NYSE American Options (AMXO):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://www.nyse.com/markets/american-options/trading-info#fees>

ISE MERCURY, LLC (MCRY):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>

Philadelphia Stock Exchange (XPHO):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. Please be advised that for orders received by Jefferies, Jefferies receives order flow payments in varying amounts from US option exchanges market makers pursuant to the published marketing fee programs that have been adopted by the exchanges and approved by the SEC. Several option Exchanges have also adopted a maker taker market structure, in which exchange members are charged for orders that take liquidity from the exchange and receive a rebate for orders that provide liquidity to the exchange. The charges imposed or rebates offered by these exchanges affect the total cost of execution. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" registered market makers for options orders the Firm sends to the exchange. A description of the fees and rebates offered by this venue, including the pricing tiers offered and the pricing for each tier, is available at: <https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Equity%207>

September 2022

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
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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	4.44	69.18	8.88	17.49

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)
INSTINET, LLC (INJX)	19.31	25.93	15.00	49.87	18.92	-242.1949	-9.0503	-0.3722	-6.2033	0.0000	0.0000	5.8138	2.3901
INVESTORS EXCHANGE (IEGX)	13.54	19.03	13.39	13.99	12.66	-23.3346	-0.8106	-0.2700	-2.0532	0.0000	0.0000	0.0000	0.0000
UBS ATS (UBSA)	7.51	4.44	8.23	3.31	7.58	-67.7500	-10.0000	-0.1790	-10.0000	0.0000	0.0000	-5.0300	-10.0000
SIGMA X2 (SGMT)	7.43	7.31	7.87	3.25	7.81	-90.4150	-10.0000	-0.2050	-10.0000	0.0000	0.0000	-5.7180	-10.0000
CREDIT SUISSE AES CROSSFINDER (CAES)	7.12	1.34	7.92	3.22	7.41	-13.7695	-5.0000	-0.0075	-5.0000	0.0000	0.0000	-0.4450	-5.0000
JPMX (JPMX)	6.58	2.02	7.32	2.80	6.73	-19.8280	-10.0000	-0.1400	-10.0000	0.0000	0.0000	-1.0000	-10.0000
BARCLAYS ATS (BARX)	6.32	1.73	6.93	2.67	6.92	-28.6050	-10.0000	-0.0150	-10.0000	0.0000	0.0000	-1.3140	-10.0000
INTELLIGENTCROSS ASPEN INTELLIGENT BID/OFFER (ASPN)	6.11	6.23	6.17	3.58	7.15	-136.7336	-7.9593	-0.5040	-8.0000	0.0000	0.0000	-6.4016	-8.0000
MEMX LLC EQUITIES (MEMX)	6.03	5.47	6.44	1.85	6.69	-0.7500	-0.0770	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD)	5.84	4.94	6.13	2.63	6.53	-96.2415	-27.2269	-10.1865	-29.3644	0.0000	0.0000	10.0795	5.9249
CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD)	5.84	1.39	6.42	1.94	6.65	-1.2082	-4.7906	0.7808	14.1449	0.0000	0.0000	0.0000	0.0000

Material Aspects:

INVESTORS EXCHANGE (IEGX):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://extrading.com/trading/fees/>

MEMX LLC EQUITIES (MEMX):

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CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD):

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CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD):

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September 2022

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	2.90	84.24	7.63	5.23

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)
INSTINET, LLC (INJX)	15.85	28.95	13.63	34.23	14.98	-332.7041	-5.5457	-22.5353	-14.4866	-61.3770	-13.2065	-19.0931	-1.5172
INVESTORS EXCHANGE (IEXG)	13.83	21.37	13.88	12.70	13.22	-136.0947	-2.3375	-1.9227	-0.9993	0.0000	0.0000	0.0000	0.0000
UBS ATS (UBSA)	8.10	5.25	8.33	5.48	9.68	-208.5700	-10.0000	-18.3830	-10.0000	-8.0440	-10.0000	-27.6800	-10.0000
SIGMA X2 (SGMT)	7.87	8.58	8.07	5.20	8.18	-222.6160	-10.0000	-5.4760	-10.0000	-1.3660	-10.0000	-19.9650	-10.0000
CREDIT SUISSE AES CROSSFINDER (CAES)	7.82	1.38	8.24	5.30	8.31	-42.9720	-5.0000	-2.0795	-5.0000	-1.3825	-5.0000	-12.6275	-5.0000
JPMX (JPMX)	6.90	1.52	7.24	4.60	7.63	-72.3840	-10.0000	-5.6110	-10.0000	-1.8110	-10.0000	-6.4310	-10.0000
BARCLAYS ATS (BARX)	6.42	1.74	6.68	4.39	7.74	-58.0600	-10.0000	-7.1350	-10.0000	-2.5170	-10.0000	-7.3250	-10.0000
MEMX LLC EQUITIES (MEMX)	6.30	8.32	6.64	3.35	4.02	-12.6600	-2.0035	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD)	6.07	0.93	6.63	3.35	3.93	1.8702	2.3238	0.2200	1.1340	0.0000	0.0000	0.0000	0.0000
CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD)	5.99	6.29	6.24	4.10	4.52	-95.4625	-14.0334	-23.7150	-30.0000	0.0000	0.0000	-39.6924	-23.4326
CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD)	5.97	1.38	6.47	3.44	4.14	-3.3108	-4.1251	0.5000	4.5455	0.0000	0.0000	0.3152	3.6865

Material Aspects:

INVESTORS EXCHANGE (IEXG):

The Securities and Exchange Commission Rule 607 requires that all broker dealers disclose their policies regarding the receipt of payment for order flow, the nature of order routing policies for orders subject to payment for order flow and the degree to which these orders can receive price improvement. Jefferies routes orders to various exchanges, alternative trading systems, including electronic communications networks, and other market centers including other Broker Dealers some of which provide Jefferies with payment for order flow. Certain market centers offer cash credits for orders that provide liquidity to their books and charge explicit fees for orders that extract liquidity from their books. Periodically, the amount of credits that Jefferies receives from one or more such market centers may exceed the amount that Jefferies is charged. Such payments would constitute payment for order flow. The source and amount of any compensation received by JEFF in connection with any transaction for your account is available upon written request. A description of the fees and rebates offered by this venue is available at: <https://iextrading.com/trading/fees/>

MEMX LLC EQUITIES (MEMX):

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CBOE BYX U.S. EQUITIES EXCHANGE DARK (BYXD):

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CBOE BZX U.S. EQUITIES EXCHANGE DARK (BZXD):

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CBOE EDGA U.S. EQUITIES EXCHANGE DARK (EDGD):

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September 2022

**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	0.00	0.02	0.01	99.97

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)
Chicago Board Options Exchange (C20X)	13.78	0.00	0.00	0.00	13.78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-722.2800	-67.3048
DASH ATS (DASH)	11.84	0.00	0.00	0.00	11.84	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	75,784.6000	17.4324
CITADEL SECURITIES (CDED)	9.24	0.00	25.00	33.33	9.23	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GLOBAL EXECUTION BROKERS, LP (GEBB)	8.99	0.00	75.00	66.67	8.97	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NYSE American Options (AMXO)	6.79	0.00	0.00	0.00	6.80	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-111.8100	-22.4970

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)
NYSE ARCA (ARCO)	6.64	0.00	0.00	0.00	6.65	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-52.6300	-36.8042
Boston Options Exchange, LLC (XBOX)	6.63	0.00	0.00	0.00	6.63	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-61.8400	-48.3125
International Securities Exchange (XISX)	6.52	0.00	0.00	0.00	6.53	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1,058.4700	4.0815
CBOE EDGX U.S. Equities Exchange (EDGO)	6.31	0.00	0.00	0.00	6.31	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-42.8800	-38.2857
ISE MERCURY, LLC (MCRY)	6.13	0.00	0.00	0.00	6.13	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3.9800	2.0000
Miami Options Exchange (XMIO)	6.07	0.00	0.00	0.00	6.07	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-48.2000	-43.8182
Philadelphia Stock Exchange (XPHO)	6.07	0.00	0.00	0.00	6.07	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-25.9700	-23.8257

Material Aspects:

Chicago Board Options Exchange (C20X):

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CITADEL SECURITIES (CDED):

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GLOBAL EXECUTION BROKERS, LP (GEBB):

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NYSE American Options (AMXO):

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NYSE ARCA (ARCO):

