

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)	33.11	34.61	35.87	0.47	34.32	-1,471.9060	-10.0000	-374.3140	-10.0000	-4.3540	-10.0000	-2,852.8590	-10.0000
CODA MARKETS, INC. (CODA)	32.72	33.21	30.43	40.28	31.73	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VIRTU Americas LLC (NITE)	0.17	0.00	0.00	0.00	0.38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-8.8428	-12.0000

Material Aspects:

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	29.28	6.76	50.77	13.18

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)
Bofa Securities, Inc. (MLCO)	20.13	0.00	20.78	23.72	50.70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MATRIX EXECUTIONS, LLC (REDG)	7.45	11.23	2.75	7.84	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NYSE ARCA Options (ARCO)	5.52	0.00	0.00	10.71	0.60	0.0000	0.0000	0.0000	37.4390	1,950.2000	37.4390	-9.9000	-66.0000
BOX Exchange (XBOX)	1.33	0.00	19.61	0.00	0.00	0.0000	0.0000	18.0000	5.2023	0.0000	5.2023	0.0000	0.0000
CBOE Exchange (XCBO)	1.22	0.00	18.04	0.00	0.00	0.0000	0.0000	-9.9225	-5.2500	0.0000	-5.2500	0.0000	0.0000
MIAX Sapphire (SPHR)	0.80	0.00	0.00	0.00	6.04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	397.6200	49.3325
Cboe EDGX Options (EDGO)	0.77	0.00	6.67	0.00	2.41	0.0000	0.0000	-2.1600	-4.0000	0.0000	-4.0000	-5.4800	-4.0000
Miami Intl Exchange (XMIO)	0.77	0.00	10.59	0.00	0.40	0.0000	0.0000	-8.3500	-5.0000	0.0000	-5.0000	-0.2500	-5.0000
ISE Mercury Options (MCRY)	0.45	0.00	6.67	0.00	0.00	0.0000	0.0000	49.3700	42.1966	0.0000	42.1966	0.0000	0.0000
Nasdaq OMX (XBXO)	0.27	0.00	0.00	0.00	2.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-131.5500	-45.6771
C2 Options Exchange, Inc. (C2OX)	0.19	0.00	0.00	0.00	1.41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-52.9200	-58.1538
MIRAE ASSET SECURITIES (USA) I (MIRA)	0.16	0.00	0.00	0.00	1.21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe BZX Options Exchange (BATO)	0.13	0.00	0.00	0.00	1.01	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-28.7600	-70.1463
Nasdaq Options (XNDQ)	0.13	0.00	0.00	0.10	0.60	0.0000	0.0000	0.0000	75.0000	5.2500	75.0000	-27.9000	-90.0000
Nasdaq PHLX (XPHO)	0.08	0.00	0.00	0.00	0.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1.1500	-5.0000
Nasdaq GEMX, LLC (GMNI)	0.05	0.00	0.78	0.00	0.00	0.0000	0.0000	-7.4200	-53.0000	0.0000	-53.0000	0.0000	0.0000
NYSE American Options (AMXO)	0.03	0.00	0.00	0.00	0.20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.3000	-5.0000
MIAX Pearl, LLC (MPRL)	0.03	0.00	0.00	0.00	0.20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-4.5000	-90.0000

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)
Nasdaq ISE (XISX)	0.03	0.00	0.39	0.00	0.00	0.0000	0.0000	-1.3200	-44.0000	0.0000	-44.0000	0.0000	0.0000

Material Aspects:

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	31.44	0.68	2.02	65.86

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)	34.55	35.61	31.82	0.00	35.13	-114.9530	-10.0000	-7.9230	-10.0000	0.0000	0.0000	-50.7990	-10.0000
StoneX Financial Inc. (INTL)	32.84	33.43	27.27	49.23	32.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CODA MARKETS, INC. (CODA)	32.62	30.96	40.91	50.77	32.77	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

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	51.19	5.83	5.27	37.71

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)	33.77	35.52	34.64	3.00	35.55	-788.7340	-10.0000	-231.7250	-10.0000	-10.9380	-10.0000	-1,599.0460	-10.0000

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)
CODA MARKETS, INC. (CODA)	33.26	33.70	30.12	40.00	32.20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
StoneX Financial Inc. (INTL)	32.75	30.79	34.64	57.00	31.74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VIRTU Americas LLC (NITE)	0.18	0.00	0.00	0.00	0.47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-5.0280	-12.0000
GTS SECURITIES LLC (GTSM)	0.04	0.00	0.60	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
A.G.P. / ALLIANCE GLOBAL PARTN (ALNC)	0.02	0.00	0.00	0.00	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-10.0000	-10.0000

Material Aspects:

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	17.01	15.99	47.76	19.25

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)
NYSE ARCA Options (ARCO)	12.86	0.00	0.00	26.55	0.93	0.0000	0.0000	0.0000	36.4686	4,831.0000	36.4686	-15.6600	-62.6400
Bofa Securities, Inc. (MLCO)	8.32	0.00	0.00	0.05	43.12	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MATRIX EXECUTIONS, LLC (REDG)	4.89	28.14	0.32	0.11	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BOX Exchange (XBOX)	3.16	0.00	19.75	0.00	0.00	0.0000	0.0000	74.3000	7.1580	0.0000	7.1580	0.0000	0.0000
CBOE Exchange (XCBO)	3.08	0.00	19.27	0.00	0.00	0.0000	0.0000	-79.2225	-5.2500	0.0000	-5.2500	0.0000	0.0000
MIAX Sapphire (SPHR)	2.85	0.00	0.00	0.00	14.81	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1,363.3800	48.8667
Cboe EDGX Options (EDGO)	2.19	0.00	8.44	0.00	4.37	0.0000	0.0000	-16.9200	-4.0000	0.0000	-4.0000	-10.0000	-4.0000
Miami Intl Exchange (XMIO)	2.01	0.00	10.83	0.00	1.46	0.0000	0.0000	-32.5500	-5.0000	0.0000	-5.0000	-1.8500	-5.0000
ISE Mercury Options (MCRY)	1.45	0.00	9.08	0.00	0.00	0.0000	0.0000	246.1400	33.8104	0.0000	33.8104	0.0000	0.0000
Nasdaq Options (XNDQ)	0.38	0.00	0.00	0.11	1.72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-70.3800	-55.4173
Nasdaq OMX (XBXO)	0.31	0.00	0.00	0.00	1.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-86.8500	-52.0060
Nasdaq PHLX (XPHO)	0.31	0.00	0.00	0.00	1.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1.4000	-5.0000
MEMX Options (MXOP)	0.28	0.00	0.00	0.00	1.46	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-29.5800	-65.7333
Cboe BZX Options Exchange (BATO)	0.25	0.00	0.00	0.00	1.32	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-32.3300	-53.0000
Nasdaq ISE (XISX)	0.25	0.00	1.59	0.00	0.00	0.0000	0.0000	-31.1600	-56.6545	0.0000	-56.6545	0.0000	0.0000
C2 Options Exchange, Inc. (C2OX)	0.18	0.00	0.00	0.00	0.93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-36.9600	-48.0000

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)
MIAX Emerald, LLC. (EMLD)	0.18	0.00	0.00	0.00	0.93	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-17.9500	-71.8000
MIAX Pearl, LLC (MPRL)	0.15	0.00	0.00	0.00	0.79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-14.4600	-68.8571
Nasdaq GEMX, LLC (GMNI)	0.13	0.00	0.80	0.00	0.00	0.0000	0.0000	-6.0400	-33.5556	0.0000	-33.5556	0.0000	0.0000

Material Aspects:

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	36.71	0.57	1.91	60.80

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
StoneX Financial Inc. (INTL)	33.81	32.84	22.22	56.67	33.79	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	33.52	35.45	55.56	0.00	33.21	-145.0780	-10.0000	-5.0800	-10.0000	0.0000	0.0000	-30.3470	-10.0000
CODA MARKETS, INC. (CODA)	32.63	31.71	22.22	43.33	32.95	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VIRTU Americas LLC (NITE)	0.03	0.00	0.00	0.00	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0300	-12.0000

Material Aspects:

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	53.85	5.37	4.24	36.54

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
StoneX Financial Inc. (INTL)	34.13	33.17	32.01	59.83	32.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Securities LLC (CDRG)	32.90	34.65	41.91	1.67	32.62	-1,006.9250	-10.0000	-261.6220	-10.0000	-15.3760	-10.0000	-1,554.1180	-10.0000
CODA MARKETS, INC. (CODA)	32.74	32.18	26.07	38.49	33.88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VIRTU Americas LLC (NITE)	0.21	0.00	0.00	0.00	0.58	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-6.6120	-12.0000
A.G.P. / ALLIANCE GLOBAL PARTN (ALNC)	0.02	0.00	0.00	0.00	0.05	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

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	14.82	13.55	51.69	19.94

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)
NYSE ARCA Options (ARCO)	12.56	0.00	0.00	23.76	1.43	0.0000	0.0000	0.0000	31.0579	4,051.5000	31.0579	-86.9400	-54.0000
Bofa Securities, Inc. (MLCO)	6.15	0.00	0.19	0.10	30.47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE Exchange (XCBO)	3.04	0.00	22.41	0.00	0.00	0.0000	0.0000	-72.6075	-5.2500	0.0000	-5.2500	0.0000	0.0000
MIAX Sapphire (SPHR)	2.44	0.00	0.00	0.00	12.24	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1,283.9500	45.6434
BOX Exchange (XBOX)	2.39	0.00	17.62	0.00	0.00	0.0000	0.0000	87.7500	12.5536	0.0000	12.5536	0.0000	0.0000
Miami Intl Exchange (XMIO)	1.90	0.00	12.07	0.00	1.30	0.0000	0.0000	-26.0000	-5.0000	0.0000	-5.0000	-4.3000	-5.0000
Cboe EDGX Options (EDGO)	1.82	0.00	7.47	0.00	4.04	0.0000	0.0000	-5.0800	-4.0000	0.0000	-4.0000	-14.5600	-4.0000
ISE Mercury Options (MCRY)	1.32	0.00	9.77	0.00	0.00	0.0000	0.0000	160.6300	31.0097	0.0000	31.0097	0.0000	0.0000
MATRIX EXECUTIONS, LLC (REDG)	0.86	4.90	0.00	0.25	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nasdaq Options (XNDQ)	0.47	0.00	0.00	0.20	1.82	0.0000	0.0000	0.0000	75.0000	4.5000	75.0000	-123.8400	-55.7838
Cboe BZX Options Exchange (BATO)	0.31	0.00	0.00	0.00	1.56	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-69.5300	-54.7480
MEMX Options (MXOP)	0.29	0.00	0.00	0.00	1.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-38.7900	-53.1370
Nasdaq GEMX, LLC (GMNI)	0.23	0.00	1.72	0.00	0.00	0.0000	0.0000	-12.1400	-32.8108	0.0000	-32.8108	0.0000	0.0000
Nasdaq PHLX (XPHO)	0.23	0.00	0.00	0.00	1.17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2.3000	-5.0000
C2 Options Exchange, Inc. (C2OX)	0.21	0.00	0.00	0.00	1.04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-20.9400	-49.8571
Nasdaq OMX (XBXO)	0.21	0.00	0.00	0.00	1.04	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-31.5000	-45.0000

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)
MIAX Emerald, LLC. (EMLD)	0.16	0.00	0.00	0.00	0.78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-9.9000	-55.0000
MIAX Pearl, LLC (MPRL)	0.16	0.00	0.00	0.00	0.78	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-13.3500	-63.5714
Nasdaq ISE (XISX)	0.13	0.00	0.96	0.00	0.00	0.0000	0.0000	-5.3800	-38.4286	0.0000	-38.4286	0.0000	0.0000
MIRAE ASSET SECURITIES (USA) I (MIRA)	0.05	0.00	0.00	0.00	0.26	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects: