Generated on Sat, Jul 01 2023 12:00:00 (Eastern Standard Time)

2nd Quarter, 2023

April 2023

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	78.57%	0%	21.43%	0%

Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketabl e Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cent s per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD )	Net Payment Paid/ Received for Marketable Limit Orders(cent s per hundred shares)	Net Payment Paid/ Received for NonMarketabl e Limit Orders(USD)	Net Payment Paid/ Received for NonMarketabl e Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cent s per hundred shares)
	98.47%	78.57%	0.00%	19.90%	0.00%								
NYSE ARCA (ARCX)	1.02%	0.00%	0.00%	1.02%	0.00%								
CBOE EDGX U.S. EQUITIES EXCHANG E (EDGX)	0.51%	0.00%	0.00%	0.51%	0.00%								

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2nd Quarter, 2023

April 2023

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as %     of     Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	78.76%	0%	21.24%	0%

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
	66.98%	60%	0.00%	7%	0%								
NYSE ARCA (ARCX)	6.68%	5%	0.00%	2%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	4.32%	4%	0.00%	0%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	3.73%	2%	0.00%	1%	0%								

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2nd Quarter, 2023

April 2023													
Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
MEMX LLC EQUITIES (MEMX)	2.71%	2%	0.00%	1%	0%								
CITI-ONE (ONEC)	2.53%	3%	0.00%	0%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	2.35%	1%	0.00%	1%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.04%	0%	0.00%	2%	0%								
NASDAQ - ALL MARKETS (XNAS)	1.55%	0%	0.00%	1%	0%								
MIAX PEARL EQUITIES (EPRL)	0.67%	0%	0.00%	1%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	0.67%	1%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.55%	0%	0.00%	1%	0%								
UBS ATS (UBSA)	0.50%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.49%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.35%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.35%	0%	0.00%	0%	0%								

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2nd Quarter, 2023

April 2023													
Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
ONECHRONOS (CGXS)	0.34%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.31%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.29%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.28%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.24%	0%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	0.22%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.21%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.18%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.17%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.14%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.13%	0%	0.00%	0%	0%								

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2nd Quarter, 2023

April 2023													
Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
NASDAQ OMX BX (XBOS)	0.13%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.12%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.11%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.11%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.10%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.07%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS ASPEN INTELLIGENT BID/OFFER (ASPN)	0.05%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.04%	0%	0.00%	0%	0%								
BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	0.04%	0%	0.00%	0%	0%								
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.03%	0%	0.00%	0%	0%								

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2nd Quarter, 2023

April 2025						_	1	I	I				
Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
INTELLIGENTCRO SS (INCR)	0.03%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRT) (HRTF)	0.02%	0%	0.00%	0%	0%								
BOLSA INSTITUCIONAL DE VALORES (BIVA)	0.02%	0%	0.00%	0%	0%								
TOWER RESEARCH CAPITAL TRCX (TRCX)	0.02%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.02%	0%	0.00%	0%	0%								
CANADIAN SECURITIES EXCHANGE - PURE (PURE)	0.01%	0%	0.00%	0%	0%								
CHI-X CANADA ATS (CHIC)	0.01%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.01%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.01%	0%	0.00%	0%	0%								
ALPHA EXCHANGE (XATS)	0.01%	0.00%	0.00%	0.01%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
NEO EXCHANGE - NEO-L (MARKET BY ORDER) (NEOE)	0.01%	0.00%	0.00%	0.01%	0%								
TSX VENTURE EXCHANGE (XTSX)	0.00%	0.00%	0.00%	0.00%	0%								
LONDON STOCK EXCHANGE (XLON)	0.00%	0.00%	0.00%	0.00%	0%								
HUDSON RIVER TRADING (HRTX)	0.00%	0.00%	0.00%	0.00%	0%								
VIRTU FINANCIAL BD (VIRT)	0.00%	0.00%	0.00%	0.00%	0%								
CX2 (XCX2)	0.00%	0.00%	0.00%	0.00%	0%								
EURONEXT - EURONEXT AMSTERDAM (XAMS)	0.00%	0.00%	0.00%	0.00%	0%								

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2nd Quarter, 2023

May 2023

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	97.17%	0%	2.83%	0%

Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketabl e Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cent s per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable Limit Orders(cent s per hundred shares)	Net Payment Paid/ Received for NonMarketabl e Limit Orders(USD)	Net Payment Paid/ Received for NonMarketabl e Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cent s per hundred shares)
	97.17%	97.17%	0.00%	0.00%	0.00%								
CBOE BZX U.S. EQUITIES EXCHANG E (BATS)	1.62%	0.00%	0.00%	1.62%	0.00%								
NYSE MKT LLC (XASE)	0.81%	0.00%	0.00%	0.81%	0.00%								
NASDAQ - ALL MARKETS (XNAS)	0.40%	0.00%	0.00%	0.40%	0.00%								

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2nd Quarter, 2023

May 2023

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as %     of     Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	65.11%	0%	34.89%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
	79.01%	64%	0.00%	15%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	3.39%	0%	0.00%	3%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	2.90%	0%	0.00%	3%	0%								
NYSE ARCA (ARCX)	2.49%	0%	0.00%	2%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.36%	0%	0.00%	2%	0%								

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2nd Quarter, 2023

May 2023													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
NASDAQ - ALL MARKETS (XNAS)	2.17%	0%	0.00%	2%	0%								
MEMX LLC EQUITIES (MEMX)	1.48%	0%	0.00%	1%	0%								
MIAX PEARL EQUITIES (EPRL)	1.09%	0%	0.00%	1%	0%								
NYSE MKT LLC (XASE)	0.75%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.54%	0%	0.00%	1%	0%								
NASDAQ OMX PSX (XPSX)	0.38%	0%	0.00%	0%	0%								
UBS ATS (UBSA)	0.35%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.28%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.28%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.27%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.25%	0%	0.00%	0%	0%								

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May 2023													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.19%	0%	0.00%	0%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0.18%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.16%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.15%	0%	0.00%	0%	0%								
SANTIAGO STOCK EXCHANGE (XSGO)	0.15%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.14%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.13%	0%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	0.12%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.11%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.11%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS ASPEN INTELLIGENT	0.09%	0%	0.00%	0%	0%								

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May 2023													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
BID/OFFER (ASPN)													
JANE STREET JX (JSJX)	0.07%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.05%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.04%	0%	0.00%	0%	0%								
TOWER RESEARCH CAPITAL TRCX (TRCX)	0.04%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.04%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.04%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRT) (HRTF)	0.03%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.03%	0%	0.00%	0%	0%								
XTX DIRECT (XTXD)	0.02%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.02%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS (INCR)	0.02%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.02%	0%	0.00%	0%	0%								

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May 2023													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.02%	0%	0.00%	0%	0%								
CITI-ONE (ONEC)	0.01%	0%	0.00%	0%	0%								
OMEGA ATS (OMGA)	0.01%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.01%	0%	0.00%	0%	0%								
ALPHA EXCHANGE (XATS)	0.01%	0%	0.00%	0%	0%								
BIDS TRADING L.P. (BIDS)	0.01%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.00%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.00%	0%	0.00%	0%	0%								
CHI-X CANADA ATS (CHIC)	0.00%	0%	0.00%	0%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	0.00%	0%	0.00%	0%	0%								
GOLDMAN SACHS AND CO. (GSCO)	0.00%	0%	0.00%	0%	0%								
CBOE EUROPE - BXE ORDER	0.00%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receiv ed for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketabl e Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receiv ed for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
BOOKS (BATE)													

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2nd Quarter, 2023

June 2023

S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	93.13%	0%	6.87%	0%

Venue - Non- directe d Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketabl e Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cent s per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD )	Net Payment Paid/ Received for Marketable Limit Orders(cent s per hundred shares)	Net Payment Paid/ Received for NonMarketabl e Limit Orders(USD)	Net Payment Paid/ Received for NonMarketabl e Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cent s per hundred shares)
	100.00%	93.13%	0.00%	6.87%	0.00%								

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June 2023

Non S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	77.00%	0%	23.00%	0%

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketable Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
	81.76%	76%	0.00%	6%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.34%	0%	0.00%	2%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	2.12%	0%	0.00%	2%	0%								
NYSE ARCA (ARCX)	2.06%	0%	0.00%	2%	0%								
NASDAQ - ALL MARKETS (XNAS)	1.94%	0%	0.00%	2%	0%								

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2nd Quarter, 2023

June 2023													
Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketable Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	1.71%	0%	0.00%	2%	0%								
MEMX LLC EQUITIES (MEMX)	1.30%	0%	0.00%	1%	0%								
MIAX PEARL EQUITIES (EPRL)	0.92%	0%	0.00%	1%	0%								
BOLSA DE VALENCIA (XVAL)	0.49%	0%	0.00%	0%	0%								
UBS ATS (UBSA)	0.49%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.42%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.41%	0%	0.00%	0%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0.36%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.31%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.31%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.30%	0%	0.00%	0%	0%								

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2nd Quarter, 2023

June 2023													
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OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.28%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.26%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.26%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.23%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.19%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.18%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.17%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.13%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.13%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.11%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.11%	0%	0.00%	0%	0%								

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June 2023													
Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketable Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
NYSE NATIONAL, INC. (XCIS)	0.11%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.10%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.10%	0%	0.00%	0%	0%								
SANTIAGO STOCK EXCHANGE (XSGO)	0.08%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.06%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.05%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS (INCR)	0.03%	0%	0.00%	0%	0%								
ONECHRONOS (CGXS)	0.03%	0%	0.00%	0%	0%								
CITI-ONE (ONEC)	0.02%	0%	0.00%	0%	0%								
TOWER RESEARCH CAPITAL TRCX (TRCX)	0.02%	0%	0.00%	0%	0%								
XTX DIRECT (XTXD)	0.02%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.02%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.02%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cen ts per hundred shares)	Net Payment Paid/ Received for Marketabl e Limit Orders(US D)	Net Payment Paid/ Received for Marketable Limit Orders(cen ts per hundred shares)	Net Payment Paid/ Received for NonMarketab le Limit Orders(USD)	Net Payment Paid/ Received for NonMarketab le Limit Orders(cents per hundred shares)	Net Payment Paid/Receive d for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cen ts per hundred shares)
FIDELITY CROSSSTREAM ATS (XSTM)	0.01%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRT) (HRTF)	0.01%	0%	0.00%	0%	0%								
ALPHA EXCHANGE (XATS)	0.00%	0%	0.00%	0%	0%								
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.00%	0%	0.00%	0%	0%								
CHI-X CANADA ATS (CHIC)	0.00%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.00%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.00%	0%	0.00%	0%	0%								
OMEGA ATS (OMGA)	0.00%	0%	0.00%	0%	0%								