Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

April 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as %     of     Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	84.19%	0%	15.81%	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)
	99.90%	84.19%	0.00%	15.70%	0.00%								
NASDAQ - ALL MARKET S (XNAS)	0.10%	0.00%	0.00%	0.10%	0.00%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

April 2024

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orde	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%	81.17%	0%	18.83%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
	47.50%	37%	0.00%	10%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	9.39%	8%	0.00%	1%	0%								
NYSE ARCA (ARCX)	9.10%	8%	0.00%	1%	0%								
ONECHRONOS (CGXS)	6.48%	6%	0.00%	0%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	4.27%	4%	0.00%	0%	0%								
CITI-ONE (ONEC)	3.81%	4%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

April 2024									Net				
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)	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)
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	2.99%	2%	0.00%	1%	0%								
MEMX LLC EQUITIES (MEMX)	2.30%	2%	0.00%	1%	0%								
BOLSA INSTITUCIONAL DE VALORES (BIVA)	2.12%	2%	0.00%	0%	0%								
NASDAQ - ALL MARKETS (XNAS)	2.10%	1%	0.00%	1%	0%								
BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	2.07%	2%	0.00%	0%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	1.57%	2%	0.00%	0%	0%								
BOLSA DE VALENCIA (XVAL)	1.36%	1%	0.00%	0%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	1.10%	0%	0.00%	1%	0%								
LEVEL ATS (LEVL)	0.59%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

Aprii 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.35%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.33%	0%	0.00%	0%	0%								
UBS ATS (UBSA)	0.29%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.23%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.22%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.21%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.20%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.19%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.17%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.14%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

April 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.11%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.10%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.09%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.09%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.09%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.05%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.05%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.05%	0%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	0.05%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS (INCR)	0.04%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.04%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.03%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

April 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
BARCLAYS ATS (BARX)	0.03%	0%	0.00%	0%	0%								
SANTIAGO STOCK EXCHANGE (XSGO)	0.02%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.02%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.02%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.01%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.01%	0%	0.00%	0%	0%								
CHI-X CANADA ATS (CHIC)	0.01%	0%	0.00%	0%	0%								
ALPHA EXCHANGE (XATS)	0.01%	0%	0.00%	0%	0%								
NEO EXCHANGE - NEO-L (MARKET BY ORDER) (NEOE)	0.00%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRT) (HRTF)	0.00%	0.00%	0.00%	0.00%	0%								
INVESTORS EXCHANGE - DARK (IEXD)	0.00%	0.00%	0.00%	0.00%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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 PHLX (XPHL)	0.00%	0.00%	0.00%	0.00%	0%								
XTX DIRECT (XTXD)	0.00%	0.00%	0.00%	0.00%	0%								
TOWER RESEARCH CAPITAL TRCX (TRCX)	0.00%	0.00%	0.00%	0.00%	0%								
	0.00%	0.00%	0.00%	0.00%	0%								
INSTINET DESK CROSS (INCA)	0.00%	0.00%	0.00%	0.00%	0%								
NYSE CHICAGO, INC. (XCHI)	0.00%	0.00%	100.00%	0.00%	100%								
CX2 (XCX2)	0.00%	0.00%	200.00%	0.00%	200%								
GOLDMAN SACHS INTERNATIONAL - SYSTEMATIC INTERNALISER (GSSI)	0.00%	0.00%	300.00%	0.00%	300%								
BIDS TRADING L.P. (BIDS)	0.00%	0.00%	400.00%	0.00%	400%								
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.00%	0.00%	500.00%	0.00%	500%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

May 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	97.98%	0%	2.02%	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)
	98.99%	97.98%	0.00%	1.01%	0.00%								
CBOE EDGA U.S. EQUITIES EXCHANG E (EDGA)	1.01%	0.00%	0.00%	1.01%	0.00%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

May 2024

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as %     of     Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	87.31%	0%	12.69%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
	38.15%	31%	0.00%	7%	0%								
NYSE ARCA (ARCX)	10.36%	9%	0.00%	1%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	9.97%	9%	0.00%	1%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	8.48%	8%	0.00%	0%	0%								
ONECHRONOS (CGXS)	7.09%	7%	0.00%	0%	0%								
CITI-ONE (ONEC)	5.18%	5%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

May 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
BOLSA DE VALENCIA (XVAL)	3.53%	4%	0.00%	0%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	3.09%	3%	0.00%	0%	0%								
NASDAQ - ALL MARKETS (XNAS)	2.96%	2%	0.00%	1%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	2.54%	2%	0.00%	1%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	1.98%	2%	0.00%	0%	0%								
MEMX LLC EQUITIES (MEMX)	1.64%	1%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.69%	1%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.56%	0%	0.00%	0%	0%								
BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	0.55%	1%	0.00%	0%	0%								
UBS ATS (UBSA)	0.49%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

May 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
BOLSA INSTITUCIONAL DE VALORES (BIVA)	0.31%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.26%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.25%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.22%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.16%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.15%	0%	0.00%	0%	0%								
PURESTREAM (STRM)	0.15%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.12%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS (INCR)	0.11%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.09%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.09%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

May 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
INVESTORS EXCHANGE (IEXG)	0.08%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.06%	0%	0.00%	0%	0%								
(MCAP)	0.05%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.05%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.05%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.05%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.04%	0%	0.00%	0%	0%								
GLOBAL OTC (GOTC)	0.04%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.04%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.04%	0%	0.00%	0%	0%								
STONEX FINANCIAL INC. (INTL)	0.04%	0%	0.00%	0%	0%								
OTC LINK ECN (OTCN)	0.04%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.03%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

May 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)	0.03%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.03%	0%	0.00%	0%	0%								
SANTIAGO STOCK EXCHANGE (XSGO)	0.03%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.02%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE - DARK (IEXD)	0.02%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.02%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.02%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.01%	0%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	0.01%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.01%	0%	0.00%	0%	0%								
INSTINET DESK CROSS (INCA)	0.00%	0%	0.00%	0%	0%								
EURONEXT - EURONEXT	0.00%	0%	100.00%	0%	100%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

1VIA y 2024													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le 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)
AMSTERDAM (XAMS)													
KNIGHT EQUITY MARKETS LP (KNEM)	0.00%	0%	200.00%	0%	200%								
INSTINET CBX (US) (ICBX)	0.00%	0%	300.00%	0%	300%								
TURQUOISE PLATO (TRQM)	0.00%	0%	400.00%	0%	400%								
BIDS TRADING L.P. (BIDS)	0.00%	0%	500.00%	0%	500%								
CBOE EUROPE - BXE PERIODIC (BATP)	0.00%	0%	600.00%	0%	600%								
NEO EXCHANGE - NEO-L (MARKET BY ORDER) (NEOE)	0.00%	0%	700.00%	0%	700%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

June 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as %     of     Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	25.93%	0%	74.07%	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)
	96.30%	25.93%	0.00%	70.37%	0.00%								
NYSE ARCA (ARCX)	3.70%	0.00%	100.00%	3.70%	100.00%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

June 2024

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as %     of     Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	81.51%	0%	18.49%	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)
	35.79%	29%	0.00%	7%	0%								
NYSE ARCA (ARCX)	10.18%	9%	0.00%	1%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	9.45%	8%	0.00%	2%	0%								
ONECHRONOS (CGXS)	9.20%	9%	0.00%	0%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	5.52%	5%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

June 2024													
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)
CITI-ONE (ONEC)	5.23%	5%	0.00%	0%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	4.22%	3%	0.00%	2%	0%								
NASDAQ - ALL MARKETS (XNAS)	3.72%	2%	0.00%	2%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	2.69%	2%	0.00%	1%	0%								
BOLSA DE VALENCIA (XVAL)	2.56%	2%	0.00%	0%	0%								
MEMX LLC EQUITIES (MEMX)	2.41%	2%	0.00%	1%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	1.53%	2%	0.00%	0%	0%								
UBS ATS (UBSA)	1.21%	1%	0.00%	1%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.67%	0%	0.00%	1%	0%								
INTELLIGENTCRO SS (INCR)	0.57%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.53%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

Julie 2024													
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)
LEVEL ATS (LEVL)	0.51%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.32%	0%	0.00%	0%	0%								
BOLSA INSTITUCIONAL DE VALORES (BIVA)	0.31%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.29%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.27%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.25%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.22%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.21%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE - DARK (IEXD)	0.21%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.19%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.17%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

June 2024													
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 PSX (XPSX)	0.15%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.15%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.13%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.13%	0%	0.00%	0%	0%								
PURESTREAM (STRM)	0.13%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.13%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.12%	0%	0.00%	0%	0%								
BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	0.10%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.08%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.07%	0%	0.00%	0%	0%								
SANTIAGO STOCK	0.06%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

June 2024													
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)
EXCHANGE (XSGO)													
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.05%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.05%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.04%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.03%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.03%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.03%	0%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	0.02%	0%	0.00%	0%	0%								
NEO EXCHANGE - NEO-L (MARKET BY ORDER) (NEOE)	0.02%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.01%	0%	0.00%	0%	0%								
ALPHA EXCHANGE (XATS)	0.01%	0%	0.00%	0%	0%								

Generated on Mon, Jul 01 2024 12:00:00 (Eastern Standard Time)

2nd Quarter, 2024

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)
CHI-X CANADA ATS (CHIC)	0.01%	0%	100.00%	0%	100%								
BNPP CORTEX ATS (BNPC)	0.01%	0%	200.00%	0%	200%								
CX2 (XCX2)	0.00%	0%	300.00%	0%	300%								
INSTINET DESK CROSS (INCA)	0.00%	0%	400.00%	0%	400%								
(NITE)	0.00%	0%	500.00%	0%	500%								
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.00%	0%	600.00%	0%	600%								
OMEGA ATS (OMGA)	0.00%	0%	700.00%	0%	700%								