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4th Quarter, 2024

October 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%	100.00%	0%	-	0%

Venue - Non- directe d Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketabl e Limit Orders (%)	Other Order s (%)	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%	100.00%	0.00%	-	0.00%								

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4th Quarter, 2024

October 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%	78.74%	0%	21.26%	0%

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4th Quarter, 2024

October 2024

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)
	66.79%	50%	0.00%	16%	0%								
NYSE ARCA (ARCX)	8.58%	8%	0.00%	1%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	6.04%	6%	0.00%	0%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	5.49%	5%	0.00%	1%	0%								
ONECHRONOS (CGXS)	2.83%	3%	0.00%	0%	0%								
CITI-ONE (ONEC)	2.01%	2%	0.00%	0%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	1.81%	1%	0.00%	1%	0%								
MEMX LLC EQUITIES (MEMX)	1.60%	1%	0.00%	0%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	1.21%	1%	0.00%	0%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	1.14%	1%	0.00%	0%	0%								

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4th Quarter, 2024

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)	0.47%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.42%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.24%	0%	0.00%	0%	0%								
UBS ATS (UBSA)	0.16%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.12%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.10%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.09%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.09%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.09%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.08%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.07%	0%	0.00%	0%	0%								

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4th Quarter, 2024

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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 MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	0.06%	0%	0.00%	0%	0%								
INTERNATIONAL CRYPTO EXCHANGE (INCX)	0.05%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.05%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.04%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.04%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.04%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.03%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.03%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS (INCR)	0.02%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.02%	0%	0.00%	0%	0%								

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4th Quarter, 2024

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)
NYSE MKT LLC (XASE)	0.02%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.01%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.01%	0%	0.00%	0%	0%								
FINRA/NASDAQ TRF CARTERET (TRADE REPORTING FACILITY) (FINN)	0.01%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.01%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.01%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.01%	0%	0.00%	0%	0%								
BOLSA DE VALENCIA (XVAL)	0.01%	0%	0.00%	0%	0%								
BOLSA INSTITUCIONAL DE VALORES (BIVA)	0.01%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.01%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)	0.00%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.00%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.00%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.00%	0%	0.00%	0%	0%								
ALPHA EXCHANGE (XATS)	0.00%	0%	0.00%	0%	0%								
LONG-TERM STOCK EXCHANGE, INC. (LTSE)	0.00%	0%	0.00%	0%	0%								
JUMP LIQUIDITY - US EQUITY PLATFORM (JLEQ)	0.00%	0%	0.00%	0%	0%								
CX2 (XCX2)	0.00%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.00%	0%	0.00%	0%	0%								

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4th Quarter, 2024

November 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%	39.13%	0%	60.87%	0%

Venue - Non- directe d Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketabl e Limit Orders (%)	Other Order s (%)	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)
	100.00%	39.13%	0.00%	60.87%	0.00%								

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4th Quarter, 2024

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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%	86.49%	0%	13.51%	0%

Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)
	62.74%	53%	0.00%	10%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	9.13%	8%	0.00%	1%	0%								
NYSE ARCA (ARCX)	6.95%	6%	0.00%	0%	0%								
BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	5.83%	6%	0.00%	0%	0%								
NASDAQ/NGS (GLOBAL SELECT	4.65%	5%	0.00%	0%	0%								

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Venue - Non- directed Order Flow MARKET)	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)
(XNGS)													
BOLSA INSTITUCIONAL DE VALORES (BIVA)	1.85%	2%	0.00%	0%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	1.76%	1%	0.00%	0%	0%								
MEMX LLC EQUITIES (MEMX)	1.57%	1%	0.00%	0%	0%								
ONECHRONOS (CGXS)	1.09%	1%	0.00%	0%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	0.96%	1%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.81%	1%	0.00%	0%	0%								
CITI-ONE (ONEC)	0.42%	0%	0.00%	0%	0%								
NASDAQ - ALL MARKETS (XNAS)	0.37%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.35%	0%	0.00%	0%	0%								
NEW YORK STOCK	0.27%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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, INC. (XNYS)													
KNIGHT LINK (KNLI)	0.26%	0%	0.00%	0%	0%								
#N/A	0.18%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.09%	0%	0.00%	0%	0%								
UBS ATS (UBSA)	0.08%	0%	0.00%	0%	0%								
LONDON STOCK EXCHANGE (XLON)	0.08%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	0.06%	0%	0.00%	0%	0%								
OTC LINK ECN (OTCN)	0.05%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.05%	0%	0.00%	0%	0%								
SANTIAGO STOCK EXCHANGE (XSGO)	0.04%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.04%	0%	0.00%	0%	0%								
GLOBAL OTC (GOTC)	0.04%	0%	0.00%	0%	0%								
LONG-TERM STOCK EXCHANGE, INC. (LTSE)	0.04%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)	0.03%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.03%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.02%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.02%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.02%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.02%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.02%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.02%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS (INCR)	0.01%	0%	0.00%	0%	0%								
GOLDMAN SACHS INTERNATIONAL - SYSTEMATIC INTERNALISER (GSSI)	0.01%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)
INTERNATIONAL CRYPTO EXCHANGE (INCX)	0.01%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.01%	0%	0.00%	0%	0%								
NEO EXCHANGE - NEO-L (MARKET BY ORDER) (NEOE)	0.01%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.00%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.00%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.00%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.00%	0%	0.00%	0%	0%								
FINRA/NASDAQ TRF CARTERET (TRADE REPORTING FACILITY) (FINN)	0.00%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.00%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirecte d Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Order s (%)	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 NonMarketa ble Limit Orders(USD)	Net Payment Paid/ Received for NonMarketa ble 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)
NYSE NATIONAL, INC. (XCIS)	0.00%	0%	0.00%	0%	0%								

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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%	100.00%	0%	-	0%

Venue - Non- directe d Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketabl e Limit Orders (%)	Other Order s (%)	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)	
	100.00%	100.00%	0.00%	-	0.00%									

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4th Quarter, 2024

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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%	70.92%	0%	29.08%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	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)
	84.85%	61%	0.00%	24%	0%								
NYSE ARCA (ARCX)	5.95%	5%	0.00%	1%	0%								
FIDELITY CROSSSTREAM ATS (XSTM)	2.28%	2%	0.00%	0%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	1.20%	1%	0.00%	1%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0.77%	1%	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 Order s (%)	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)
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0.68%	0%	0.00%	1%	0%								
BOLSA DE VALENCIA (XVAL)	0.62%	1%	0.00%	0%	0%								
NASDAQ - ALL MARKETS (XNAS)	0.61%	0%	0.00%	1%	0%								
BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE) (XMEX)	0.54%	1%	0.00%	0%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	0.52%	0%	0.00%	0%	0%								
OFF-EXCHANGE TRANSACTIONS - LISTED INSTRUMENTS (XOFF)	0.45%	0%	0.00%	0%	0%								
MEMX LLC EQUITIES (MEMX)	0.37%	0%	0.00%	0%	0%								
BOLSA INSTITUCIONAL DE VALORES (BIVA)	0.27%	0%	0.00%	0%	0%								

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4th Quarter, 2024

December 202													
Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	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)	0.13%	0%	0.00%	0%	0%								
UBS ATS (UBSA)	0.09%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.08%	0%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	0.07%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.05%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.04%	0%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	0.04%	0%	0.00%	0%	0%								
TORONTO STOCK EXCHANGE (XTSE)	0.03%	0%	0.00%	0%	0%								
LEVEL ATS (LEVL)	0.03%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.03%	0%	0.00%	0%	0%								
SANTIAGO STOCK EXCHANGE (XSGO)	0.03%	0%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES	0.03%	0%	0.00%	0%	0%								

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4th Quarter, 2024

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketabl e Limit Orders (%)	NonMarketab le Limit Orders (%)	Other Order s (%)	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 (BATY)													
LONDON STOCK EXCHANGE (XLON)	0.03%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.02%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.02%	0%	0.00%	0%	0%								
NYSE MKT LLC (XASE)	0.02%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.02%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.02%	0%	0.00%	0%	0%								
INTELLIGENTCRO SS (INCR)	0.02%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.02%	0%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	0.01%	0%	0.00%	0%	0%								
LONG-TERM STOCK EXCHANGE, INC. (LTSE)	0.01%	0%	0.00%	0%	0%								
CITI-ONE (ONEC)	0.01%	0%	0.00%	0%	0%								

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POSIT (ITGI)	0.01%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.01%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.01%	0%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.00%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.00%	0%	0.00%	0%	0%								
LIQUIDNET, INC. H2O ATS (LIUH)	0.00%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.00%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.00%	0%	0.00%	0%	0%								