Generated on Fri, Apr 01 2022 12:00:00 (Eastern Standard Time)

1st Quarter, 2022

January 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	73.33%	0%	26.67%	0%

Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d 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(cent s 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)
UBS ATS (UBSA)	30.00%	26.67%	0.00%	3.33%	0.00%								
CITADEL SECURITI ES (CDED)	20.00%	13.33%	0.00%	6.67%	0.00%								
CBOE BZX U.S. EQUITIES EXCHANG E (BATS)	10.00%	3.33%	0.00%	6.67%	0.00%								
LEVEL ATS (LEVL)	6.67%	6.67%	0.00%	0.00%	0.00%								

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Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d 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(cent s 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)
MEMX LLC EQUITIES (MEMX)	6.67%	6.67%	0.00%	0.00%	0.00%								
INVESTO RS EXCHANG E (IEXG)	6.67%	3.33%	0.00%	3.33%	0.00%								
JANE STREET JX (JSJX)	6.67%	3.33%	0.00%	3.33%	0.00%								
VIRTU MATCHIT - MAIN CROSSIN G SESSION (VFMI)	3.33%	0.00%	0.00%	3.33%	0.00%								
KNIGHT LINK (KNLI)	3.33%	3.33%	0.00%	0.00%	0.00%								
CBOE BYX U.S. EQUITIES EXCHANG E (BATY)	3.33%	3.33%	0.00%	0.00%	0.00%								
CODA MARKETS - MICRO AND BLOCK (CODA)	3.33%	3.33%	0.00%	0.00%	0.00%								

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1st Quarter, 2022

January 2022

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	72.39%	0%	27.61%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
	12.22%	10%	0.00%	2%	0%								
NYSE ARCA (ARCX)	11.33%	6%	0.00%	6%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	10.46%	7%	0.00%	4%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	9.70%	5%	0.00%	5%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	7.77%	5%	0.00%	3%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
NASDAQ - ALL MARKETS (XNAS)	6.69%	6%	0.00%	1%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	5.55%	2%	0.00%	4%	0%								
NYSE MKT LLC (XASE)	5.19%	5%	0.00%	0%	0%								
NYSE NATIONAL, INC. (XCIS)	3.43%	3%	0.00%	0%	0%								
CITADEL SECURITIES (CDED)	3.15%	3%	0.00%	0%	0%								
MEMX LLC EQUITIES (MEMX)	3.09%	2%	0.00%	2%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	3.02%	3%	0.00%	0%	0%								
LEVEL ATS (LEVL)	2.65%	3%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	2.21%	2%	0.00%	0%	0%								
UBS ATS (UBSA)	1.77%	2%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	1.55%	2%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	1.47%	1%	0.00%	0%	0%								
JANE STREET JX (JSJX)	1.44%	1%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
NASDAQ OMX PSX (XPSX)	1.30%	1%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	1.29%	1%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.98%	1%	0.00%	0%	0%								
CREDIT SUISSE AES CROSSFINDER (CAES)	0.59%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.56%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.50%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.42%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.28%	0%	0.00%	0%	0%								
BLOOMBERG TRADEBOOK SINGAPORE PTE LTD (BTBS)	0.23%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.21%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.20%	0%	0.00%	0%	0%								

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1st Quarter, 2022

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.19%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.10%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.07%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.06%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.05%	0%	0.00%	0%	0%								
CODA MARKETS - MICRO AND BLOCK (CODA)	0.05%	0%	0.00%	0%	0%								
INVESTORS EXCHANGE - DARK (IEXD)	0.05%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS (INCR)	0.04%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.03%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS ASPEN INTELLIGENT BID/OFFER (ASPN)	0.03%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.02%	0%	0.00%	0%	0%								
INSTINET DESK CROSS (INCA)	0.02%	0%	0.00%	0%	0%								
BIDS TRADING L.P. (BIDS)	0.02%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.01%	0%	0.00%	0%	0%								
LONG-TERM STOCK EXCHANGE, INC. (LTSE)	0.01%	0%	0.00%	0%	0%								
STONEX FINANCIAL INC. (INTL)	0.00%	0%	0.00%	0%	0%								
#N/A	0.00%	0%	0.00%	0%	0%								

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1st Quarter, 2022

February 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	0.00%	0%	100.00%	0%

Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d 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(cent s 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)
CITADEL SECURITI ES (CDED)	44.44%	0.00%	0.00%	44.44%	0.00%								
CBOE BZX U.S. EQUITIES EXCHANG E (BATS)	33.33%	0.00%	0.00%	33.33%	0.00%								
NYSE ARCA (ARCX)	22.22%	0.00%	0.00%	22.22%	0.00%								

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1st Quarter, 2022

February 2022

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	75.64%	0%	24.36%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Paid/ Paid/ Received for Marketable 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 Paid/ Received for Other Orders(ce nts per hundred shares)
	30.74%	30%	0.00%	0%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	9.40%	4%	0.00%	5%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	9.21%	6%	0.00%	3%	0%								
NYSE ARCA (ARCX)	7.90%	4%	0.00%	4%	0%								
NASDAQ - ALL MARKETS (XNAS)	6.11%	5%	0.00%	1%	0%								
NEW YORK STOCK	5.09%	3%	0.00%	2%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
EXCHANGE, INC. (XNYS)													
NYSE MKT LLC (XASE)	4.65%	4%	0.00%	0%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	3.39%	1%	0.00%	2%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	3.03%	3%	0.00%	0%	0%								
MEMX LLC EQUITIES (MEMX)	2.57%	1%	0.00%	2%	0%								
NYSE NATIONAL, INC. (XCIS)	2.43%	2%	0.00%	0%	0%								
INVESTORS EXCHANGE (IEXG)	1.88%	2%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	1.65%	2%	0.00%	0%	0%								
BOLSA DE VALENCIA (XVAL)	1.55%	0%	0.00%	1%	0%								
CITADEL SECURITIES (CDED)	1.54%	1%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES	1.53%	1%	0.00%	0%	0%								

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1st Quarter, 2022

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
EXCHANGE (EDGA)													
UBS ATS (UBSA)	1.43%	1%	0.00%	0%	0%								
NASDAQ OMX PSX (XPSX)	1.20%	1%	0.00%	0%	0%								
LEVEL ATS (LEVL)	1.16%	1%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.53%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.36%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.36%	0%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	0.36%	0%	0.00%	0%	0%								
CREDIT SUISSE AES CROSSFINDER (CAES)	0.35%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.34%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.18%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.17%	0%	0.00%	0%	0%								

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1st Quarter, 2022

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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 Paid/ Paid/ Received for Other Orders(ce nts per hundred shares)
BLOOMBERG TRADEBOOK SINGAPORE PTE LTD (BTBS)	0.16%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.12%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.11%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS ASPEN INTELLIGENT BID/OFFER (ASPN)	0.11%	0%	0.00%	0%	0%								
CODA MARKETS - MICRO AND BLOCK (CODA)	0.08%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.08%	0%	0.00%	0%	0%								
TWO SIGMA SECURITIES, LLC (SOHO)	0.06%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.05%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.04%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.04%	0%	0.00%	0%	0%								
BIDS TRADING L.P. (BIDS)	0.02%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.02%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS (INCR)	0.01%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.01%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.01%	0%	0.00%	0%	0%								

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1st Quarter, 2022

March 2022

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	69.62%	0%	30.38%	0%

Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d 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(cent s 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)
NEW YORK STOCK EXCHANGE, INC. (XNYS)	30.38%	27.85%	0.00%	2.53%	0.00%								
INVESTORS EXCHANGE (IEXG)	12.66%	10.13%	0.00%	2.53%	0.00%								
UBS ATS (UBSA)	8.86%	6.33%	0.00%	2.53%	0.00%								
CITADEL SECURITIES (CDED)	7.59%	0.00%	0.00%	7.59%	0.00%								
NASDAQ - ALL MARKETS (XNAS)	6.33%	3.80%	0.00%	2.53%	0.00%								

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Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d 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(cent s 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)
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	6.33%	6.33%	0.00%	0.00%	0.00%								
LEVEL ATS (LEVL)	3.80%	2.53%	0.00%	1.27%	0.00%								
JPMX (JPMX)	3.80%	1.27%	0.00%	2.53%	0.00%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	2.53%	2.53%	0.00%	0.00%	0.00%								
NASDAQ OMX PSX (XPSX)	2.53%	0.00%	0.00%	2.53%	0.00%								
POSIT (ITGI)	1.27%	1.27%	0.00%	0.00%	0.00%								
NASDAQ OMX BX (XBOS)	1.27%	1.27%	100.00%	0.00%	100.00%								
CODA MARKETS - MICRO AND BLOCK (CODA)	1.27%	1.27%	200.00%	0.00%	200.00%								
NYSE ARCA (ARCX)	1.27%	0.00%	300.00%	1.27%	300.00%								
NYSE MKT LLC (XASE)	1.27%	0.00%	400.00%	1.27%	400.00%								
JANE STREET JX (JSJX)	1.27%	1.27%	500.00%	0.00%	500.00%								

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Venue - Non- directed Order Flow	Non Directed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d 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(cent s 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 CHICAGO, INC. (XCHI)	1.27%	1.27%	600.00%	0.00%	600.00%								
KNIGHT LINK (KNLI)	1.27%	1.27%	700.00%	0.00%	700.00%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	1.27%	1.27%	800.00%	0.00%	800.00%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	1.27%	0.00%	900.00%	1.27%	900.00%								
CREDIT SUISSE AES CROSSFIND ER (CAES)	1.27%	0.00%	1000.00%	1.27%	1000.00 %								
MEMX LLC EQUITIES (MEMX)	1.27%	0.00%	1100.00%	1.27%	1100.00 %								

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1st Quarter, 2022

March 2022

Non S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non- Directed Orders	Marketable Limit Orders as % of NonDirected Orders	Non- Marketable Limit Orders as % of NonDirected Orders	Other Orders as % of Non- Directed Orders
100%	61.11%	0%	38.89%	0%

Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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 Paid/ Received for Other Orders(ce nts per hundred shares)
	14.19%	11%	0.00%	3%	0%								
CBOE EDGX U.S. EQUITIES EXCHANGE (EDGX)	14.19%	8%	0.00%	6%	0%								
NYSE ARCA (ARCX)	13.90%	8%	0.00%	6%	0%								
CBOE BZX U.S. EQUITIES EXCHANGE (BATS)	13.84%	7%	0.00%	7%	0%								
NASDAQ - ALL MARKETS (XNAS)	5.92%	4%	0.00%	2%	0%								
NYSE MKT LLC (XASE)	5.75%	5%	0.00%	1%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
CITADEL SECURITIES (CDED)	5.30%	5%	0.00%	1%	0%								
NEW YORK STOCK EXCHANGE, INC. (XNYS)	4.55%	3%	0.00%	2%	0%								
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	4.48%	2%	0.00%	3%	0%								
MEMX LLC EQUITIES (MEMX)	2.75%	1%	0.00%	2%	0%								
LEVEL ATS (LEVL)	2.07%	1%	0.00%	1%	0%								
NASDAQ OMX PSX (XPSX)	1.20%	1%	0.00%	1%	0%								
INVESTORS EXCHANGE (IEXG)	1.12%	1%	0.00%	0%	0%								
KNIGHT LINK (KNLI)	1.12%	1%	0.00%	0%	0%								
UBS ATS (UBSA)	1.09%	1%	0.00%	0%	0%								
JANE STREET JX (JSJX)	0.96%	1%	0.00%	0%	0%								
CBOE BYX U.S. EQUITIES EXCHANGE (BATY)	0.87%	0%	0.00%	1%	0%								
CREDIT SUISSE AES	0.81%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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 Paid/ Received for Other Orders(ce nts per hundred shares)
CROSSFINDER (CAES)													
NYSE NATIONAL, INC. (XCIS)	0.78%	0%	0.00%	0%	0%								
BOLSA DE VALENCIA (XVAL)	0.56%	0%	0.00%	0%	0%								
BARCLAYS ATS (BARX)	0.55%	0%	0.00%	0%	0%								
SIGMA X2 (SGMT)	0.52%	0%	0.00%	0%	0%								
CBOE EDGA U.S. EQUITIES EXCHANGE (EDGA)	0.52%	0%	0.00%	0%	0%								
NASDAQ OMX BX (XBOS)	0.50%	0%	0.00%	0%	0%								
JPMX (JPMX)	0.33%	0%	0.00%	0%	0%								
MIAX PEARL EQUITIES (EPRL)	0.33%	0%	0.00%	0%	0%								
BANK OF AMERICA - MERRILL LYNCH INSTINCT X ATS (BAML)	0.32%	0%	0.00%	0%	0%								
BLOOMBERG TRADEBOOK SINGAPORE PTE LTD (BTBS)	0.29%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
TWO SIGMA SECURITIES, LLC (SOHO)	0.28%	0%	0.00%	0%	0%								
VIRTU MATCHIT - MAIN CROSSING SESSION (VFMI)	0.20%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS ASPEN INTELLIGENT BID/OFFER (ASPN)	0.12%	0%	0.00%	0%	0%								
CODA MARKETS - MICRO AND BLOCK (CODA)	0.10%	0%	0.00%	0%	0%								
HUDSON RIVER TRADING (HRTX)	0.09%	0%	0.00%	0%	0%								
BNPP CORTEX ATS (BNPC)	0.09%	0%	0.00%	0%	0%								
POSIT (ITGI)	0.08%	0%	0.00%	0%	0%								
NASDAQ OMX PHLX (XPHL)	0.06%	0%	0.00%	0%	0%								
BIDS TRADING L.P. (BIDS)	0.04%	0%	0.00%	0%	0%								
INSTINET CBX (US) (ICBX)	0.03%	0%	0.00%	0%	0%								

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Venue - Non- directed Order Flow	NonDirect ed Orders (%)	Market Orders (%)	Marketab le Limit Orders (%)	NonMarketa ble Limit Orders (%)	Other Orders (%)	Net Payment Paid/Receive d for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(US D)	Net Payment Paid/ Received for Marketable 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(ce nts per hundred shares)
CLEARPOOL EXECUTION SERVICES, LLC (CPGX)	0.03%	0%	0.00%	0%	0%								
MS POOL (MSPL)	0.01%	0%	0.00%	0%	0%								
#N/A	0.01%	0%	0.00%	0%	0%								
NYSE CHICAGO, INC. (XCHI)	0.01%	0%	0.00%	0%	0%								
LONG-TERM STOCK EXCHANGE, INC. (LTSE)	0.01%	0%	0.00%	0%	0%								
#N/A	0.00%	0%	0.00%	0%	0%								
INTELLIGENTCR OSS (INCR)	0.00%	0%	0.00%	0%	0%								