October 2022

S&P 500 Stocks

Non-Marketable Limit Marketable Limit Market Orders as % of Total Marketable Limit Orders as % of Non-Non-Directed Orders Orders as % of Non-Other Orders as % of Total Non-Directed is % of All Orders Total Market Orders Non-Directed Orders Orders Directed Orders otal Non-Marketable Limit Orders **Total Other Orders** Non-Directed Orders **Directed Orders** 1,422

-	=	-	-	-	-	-		_	-	_								
Venues				_														
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders		Non-Marketable Limit Orders		Other Orders		Net Payment Paid/	Received for Market Orders(cents per	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Citadel Securities LLC(CDRG)	569	30.06	5 511	35.94	9	19.15	23	7.42	2	5 22.81	((0 0
VIRTU Americas, LLC(NITE)	451	23.82	354	24.89	20	42.55	11	3.55	6	57.89	((0 0
G1 Execution Services, LLC(ETMM)	349	18.44	322	2 22.64	9	19.15	14	4.52		3.51	()	0	())	0 0
Jane Street Capital, LLC(JNST)	236	12.47	, 221	15.54	6	12.77	9	2.90		0.00	() (() ()	0 0
NASDAQ Execution Services, LLC(NSDQ)	140	7.40) (0.00	3	6.38	137	44.19		0.00	() (() ()	0
Cboe EDGX US Equities																		
Exchange(EDGX)	62	3.28	G C	0.00	0	0.00	62	20.00		0.00	C	(0	((0	0
New York Stock Exchange(NYSE)	31	1.64	· C	0.00	0	0.00	31	10.00)	0.00	C) (0	() ())	0 0
Members Exchange(MEMX)	22	1.16	[]	0.00	0	0.00	22	7.10		0.00			o	(0
UBS Securities, LLC(UBSS)	15	0.79	3	0.21	0	0.00	1	0.32	1	9.65	((0

Two Sigma Securities, LLC(SOHO) **Material Aspects:**

Citadel Securities LLC (CDRG):

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa VIRTU Americas, LLC (NITE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. G1 Execution Services, LLC (ETMM): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. NASDAQ Execution Services, LLC(NSDQ): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details.

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. Two Sigma Securities, LLC(SOHO): Cboe EDGX US Equities Exchange(EDGX) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. New York Stock Exchange(NYSE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

JANE STREET CAPITAL, LLC(JNST): Members Exchange(MEMX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

October 2022

Non-S&P 500 Stocks

Non-Marketable Limit

Orders as % of Non-

Total Non-Directed

Non-Directed Orders

as % of All Orders otal Market Orders Non-Directed Orders tal Non-Marketable Limit Orders otal Other Orders Directed Orders Directed Orders Non-Directed Orders 5,217 100.00 4,171 14.80 3.11

Marketable Limit

Total Marketable Limit

Market Orders as % of

Market Orders as % of

Orders as % of Non-

												Net Payment Paid/	Net Payment Paid/	Net Payment Paid/ Received for	Net Payment Paid/	Net Payment Paid/ Received for Non-		Net Payment Paid/
											Net Payment Paid/	Received for Market	Received for	Marketable Limit	Received for Non-	Marketable Limit	Net Payment Paid/	Received for Other
Venue - Non-directed		Non-Directed			Marketable Limit		Non-Marketable Limit	Non-Marketable Limit					Marketable Limit	Orders(cents per	Marketable Limit	Orders(cents per		Orders(cents per
Order Flow	Non-Directed Orders	Orders(%)	Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Orders	Orders(%)	Other Orders	Other Orders(%)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)
Citadel Securities																		
LLC(CDRG)	1,631	29.98	1,490	0 35.73	55	33.54	79	9 8.25	7	4.67	7	0		0	0	(0	٥ ا
VIRTU Americas,																		
LLC(NITE)	1,214	22.31	1,012	2 24.27	7 60	36.59	64	4 6.69	78	52.00	0	0		0	0	(0	0
G1 Execution																		
Services, LLC(ETMM)	1,138	20.92	2 1,056	6 25.32	29	17.68	52	5.43	1	0.67	7	0		0 (0	(0	٥ ا
Jane Street Capital,																		
LLC(JNST)	620	11.39	9 550	0 13.19	16	9.76	54	5.64	0	0.00	C	0		0 (0	(0	0 ر
Cboe EDGX US																		
Equities																		
Exchange(EDGX)	317	5.83	3	0.00		0.00	317	7 33.12	0	0.00	0	0		0	0	(0 0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	147	2.70	0	0.00) 1	0.61	. 146	5 15.26	0	0.00	0	0		0	0	(0 0	<u>)</u> 0
Members																		
Exchange(MEMX)	129	2.37	7	0.00		0.00	129	9 13.48	0	0.00	0	0		0	0	(0 0	<u>)</u>
New York Stock																		
Exchange(NYSE)	70	1.29	9 (0.00	0	0.00	70	7.31	0	0.00	0	0		0	0		0 0) 0
UBS Securities,			_					_				_					_	
LLC(UBSS)	59	1.08	8 29	9 0.70) 1	0.61	. 6	0.63	23	15.33	<u>C</u>	0		0	0	(0) 0
Instinet																		·

Other Orders as % of

27.33

BlockCross(BLKX) **Material Aspects:**

Citadel Securities LLC (CDRG): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa VIRTU Americas, LLC (NITE):

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details.

G1 Execution Services, LLC (ETMM): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for additional details. NASDAQ Execution Services, LLC(NSDQ): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa UBS Securities, LLC(UBSS): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for additional details. Two Sigma Securities, LLC(SOHO): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Cboe EDGX US Equities Exchange(EDGX) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa New York Stock Exchange(NYSE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Instinet BlockCross(BLKX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

Non-Marketable Limit

Orders as % of Non-

October 2022

Option Contracts

Total Non-Directed

Material Aspects:

Citadel Securities LLC (CDRG):

Susquehanna Capital Group (SUSQ):

JANE STREET CAPITAL, LLC(JNST):

Non-Directed Orders

is % of All Orders otal Market Orders Non-Directed Orders Directed Orders tal Non-Marketable Limit Orders Total Other Orders Non-Directed Orders 63.62 1,270 100.00 4.96 29.13

Marketable Limit

Orders as % of Non

Total Marketable Lim

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders			Non-Marketable Limit Orders(%)	Other Orders		Net Payment Paid/	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)		Net Payment Pa Received for Ot Orders(cents pa hundred shares
Citadel Securities LLC(CDRG)	560	41.4	370	0 45.79	22	41.51	153	33.12	15	51.72	2 0		0		0	0
usquehanna Capital Group(SUSQ)	304	22.4	19 26	2 32.43	3 16	30.19	13	3 2.81	13	44.83	3 0	(0 (0 (0
Volverine Execution ervices LLC(WEXX)	223	16.4	19 29	3.59) 4	7.55	5 190	41.13	C	0.00		(0 (0 (0
ash Financial echnologies LC(DASH)	213	15.7	75 11:	2 13.86	5 6	11.32	2 94	4 20.35	1	3.45	5 0		0		0	0
Morgan Stanley & company LLC(MSCO)	52	3.8	35 3.	5 4.33	5	9.43	12	2.60	C	0.00		(0		0	0

Other Orders as % of

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Wolverine Execution Services LLC (WEXX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Dash Financial Technologies LLC (DASH): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. Morgan Stanley & Company LLC (MSCO): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. November 2022 S&P 500 Stocks Marketable Limit Non-Marketable Limi Non-Directed Orders Market Orders as % of Total Marketable Limi Orders as % of Non-Other Orders as % of Orders as % of Non-

Total Other Orders

Non-Directed Orders

Net Payment Paid/

Net Payment Paid/

Marketable Limit

Orders(cents per

hundred shares)

Received for

Net Payment Paid/

Orders(cents per

indred shares

Net Payment Paid/

Received for Market

ndred shares)

Orders(cents per

Net Payment Paid/

100.00

61.1

Received for Market

Net Payment Paid

Marketable Limit

Received for

Received for

Marketable Limit

Orders(cents per

undred shares)

Net Payment Paid/

Marketable Limit

Orders(cents per

hundred shares)

Net Payment Paid/

Marketable Limit

Orders(cents per

Net Payment Paid/

Received for Non-

Marketable Limit

Received for

Received for

Net Payment Paid/

Orders(cents per

undred shares)

Net Payment Paid/

Received for Market

Orders(cents per

Net Payment Paid/

Received for Market

Net Payment Paid/

Marketable Limit

Received for

Net Payment Paid/

Orders(USD)

0.00

Other Orders(%)

Received for Market

Received for Market

Net Payment Paid/

Received for

Orders(USD)

Marketable Limit

Net Payment Paid/

eceived for Non-

Marketable Limit

Orders(cents per

hundred shares)

Net Payment Paid/

Received for Non-

Marketable Limit

Orders(cents per

Net Payment Paid/

Received for Other

Orders(USD)

Net Payment Paid/

Received for Non-

Marketable Limit

Orders(USD)

Net Payment Paid/

Received for Market

Other Orders(%)

eceived for Market

Net Payment Paid/

Marketable Limit

Received for

Net Payment Paid/

Net Payment Paid/

Received for Non-

Marketable Limit

Orders(cents per

nundred shares)

Net Payment Paid/

Received for Non-

Marketable Limit

Orders(cents per

undred shares)

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Marketable Limit

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Orders(cents per

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Received for Other

Orders(cents per

Net Payment Paid/

Received for Other

Net Payment Paid/

Received for Other

Net Payment Paid/

Received for Other

Net Payment Paid/

Received for Non-

Marketable Limit

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

Total Non-Directed

1,718

Citadel Securities LLC (CDRG):

VIRTU Americas, LLC (NITE):

is % of All Orders

100.00

otal Market Orders

1,517

Non-Directed Orders

2.91

tal Non-Marketable Limit Orders

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders		Non-Marketable Limit Orders				Net Payment Paid/ Received for Market Orders(USD)	Received for Market Orders(cents per	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Citadel Securities LC(CDRG)	594	30.70	547	36.06	5 15	30.00	24	7.00	8	32.00)				0	0
RTU Americas <i>,</i> C(NITE)	448	23.15	410	27.03	3 15	30.00	14	4.08	9	36.00)) () (0	0
. Execution rvices, LLC(ETMM)	347	17.93	323	3 21.29) 11	. 22.00	13	3.79	0	0.00)) () (0	0
ne Street Capital, C(JNST)	232	11.99	216	5 14.24	4 8	16.00	8	2.33	0	0.00	() () (0	0
ew York Stock change(NYSE)	124	6.41	0	0.00		0.00	124	36.15	0	0.00)) () (0	0
ASDAQ Execution rvices, LLC(NSDQ)	99	5.12	0	0.00) 1	2.00	98	28.57	0	0.00) () (0	0
oe EDGX US uities change(EDGX)	43	2.22	0	0.00		0.00	43	12.54	0	0.00							0	0
embers change(MEMX)	16	0.83	0	0.00		0.00		4.66	0	0.00							0	0
o Sigma Securities, C(SOHO)	12	0.62	10	0.66	5 0	0.00	2	0.58	0	0.00) () (0	0
BS Securities, C(UBSS)	11	0.57	10	0.66	5 0	0.00	1	0.29	0	0.00							0	0

G1 Execution Services, LLC (ETMM): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. NASDAQ Execution Services, LLC(NSDQ): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. UBS Securities, LLC(UBSS): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Two Sigma Securities, LLC(SOHO): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Cboe EDGX US Equities Exchange(EDGX) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. New York Stock Exchange(NYSE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for additional details. JANE STREET CAPITAL, LLC(JNST): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for additional details. Members Exchange(MEMX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. November 2022 Non-S&P 500 Stocks Marketable Limit Non-Marketable Limi Non-Directed Orders Orders as % of Non-Other Orders as % of Total Non-Directed Market Orders as % of Total Marketable Limi Orders as % of Nonotal Market Orders as % of All Orders Non-Directed Orders tal Non-Marketable Limit Orders otal Other Orders Non-Directed Orders **Directed Orders** 4,069 100.00 4.25 19.32

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details.

Non-Marketable Limit Non-Marketable Limit Venue - Non-directed Non-Directed Marketable Limit Market Orders Market Orders(%) Marketable Limit Orders(%) Non-Directed Orders Other Orders

Citadel Securities																		
LLC(CDRG)	1,236	27.47	1,059	35.19	45	27.27	124	10.62	8	5.06	0	0	0	O		0		J O
VIRTU Americas, LLC(NITE)	1,026	22.80	801	26.62	62	37.58	73	6.25	90	56.96	0	0	0	C				0
G1 Execution Services, LLC(ETMM)	790	17.56	699	23.23	36	21.82	55	4.71	0	0.00	0	0	0	C				0
Jane Street Capital, LLC(JNST)	482	10.71	411	13.66	20	12.12	51	4.37	0	0.00	0	0	0	C				0
Cboe EDGX US Equities Exchange(EDGX)	330	7.33	0	0.00	0	0.00	330	28.25	0	0.00	0	0	0	C)	0 0
NASDAQ Execution Services, LLC(NSDQ)	219	4.87	0	0.00	0	0.00	219	18.75	0	0.00	0	0	0	C	() ()	0 0
New York Stock Exchange(NYSE)	135	3.00	0	0.00	0	0.00	135	11.56	0	0.00	0	0	0	C	(0		o o
Members Exchange(MEMX)	109	2.42	0	0.00	0	0.00	109	9.33	0	0.00	0	0	0	O))		ა <u>ი</u>
Instinet BlockCross(BLKX)	58	1.29	0	0.00	0	0.00	0	0.00	58	36.71	0	0	0	O	()		ა <u>ი</u>
NYSE American(AMEX)	37	0.82	0	0.00	0	0.00	37	3.17	0	0.00	0	0	0	C				0
Material Aspects: Citadel Securities LLC Vanderbilt Securities, L		to their clearing firm,	NFS. Vanderbilt Secu	rities, LLC does not re	ceive any payment fo	r order flow, payment from any profit-sharing rel	ationship, transaction	fees or any transaction	rebates from our clea	ring firm, National Fir	nancial Services. How	vever, National Financi	al Services may receiv	ve such payments. Ple	ase refer to their 606 i	report for additional de	etails.	

VIRTU Americas, LLC (NITE):

Non-Directed Orders

on-Directed Orders

Dash Financial Technologies LLC (DASH)

100.00

otal Market Orders

Non-Directed

25.27

s % of All Orders

G1 Execution Services, LLC (ETMM): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa NASDAQ Execution Services, LLC(NSDQ): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Instinet BlockCross(BLKX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa New York Stock Exchange(AMEX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Cboe EDGX US Equities Exchange(EDGX) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. New York Stock Exchange(NYSE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa JANE STREET CAPITAL, LLC(JNST): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Members Exchange(MEMX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. November 2022 **Option Contracts**

otal Other Orders

Non-Marketable Limi

Orders as % of Non-

28.45

Non-Marketable Limit Non-Marketable Limit

Directed Orders

1,25 **Venues**

Venue - Non-directed

Order Flow

LC(NITE)

Total Non-Directed

Citadel Securities LC(CDRG) 624 50.84 43.24 40.9 Susquehanna Capital

Marketable Limit

Orders as % of Non-

irected Orders

Marketable Limit

4.54

tal Non-Marketable Limit Orders

Marketable Limit Orders(%)

Total Marketable Lim

Market Orders(%)

27.44

Market Orders as % of

Non-Directed Orders

Market Orders

66.61

Group(SUSQ)	277	21.10	246	29.43	13	35.14	18	4.14	0	0.00	0	0	0			0	0	0
Wolverine Execution Services LLC(WEXX)	201	15.31	40	4.78	2	5.41	159	36.55	0	0.00	0	0				0	0	0
Dash Financial																		
Technologies LLC(DASH)	161	12.26	90	10.77	6	16.22	65	14.94	0	0.00	0	0	o l			0	0	0
Morgan Stanley & Company LLC(MSCO)	50	3 81	35	4 19	0	0.00	15	3 45	0	0.00	0	0				0	0	0
Citadel Securities LLC Vanderbilt Securities, L	/	their clearing firm, NFS.	Vanderbilt Securities	es, LLC does not receiv	ve any payment for order flow,	payment from any profit-sharing relationship	p, transaction fees or	r any transaction reba	tes from our clearing	g firm, National Financial Services.	However, National Finan	cial Services may rece	ive such payments. Plo	ease refer to their 606 i	report for additional d	letails.		
Susquehanna Capital G Vanderbilt Securities, L	± 1	their clearing firm, NFS.	Vanderbilt Securities	es, LLC does not receiv	ve any payment for order flow,	payment from any profit-sharing relationship	p, transaction fees or	r any transaction reba	tes from our clearing	g firm, National Financial Services.	However, National Finan	cial Services may rece	ive such payments. Plo	ease refer to their 606 i	report for additional d	letails.		
Wolverine Execution Se Vanderbilt Securities, L	,	their clearing firm, NFS.	Vanderbilt Securities	es, LLC does not receiv	ve any payment for order flow,	payment from any profit-sharing relationship	p, transaction fees or	r any transaction reba	tes from our clearing	g firm, National Financial Services.	However, National Finan	cial Services may rece	ive such payments. Plo	ease refer to their 606 i	report for additional d	letails.		

Other Orders as % of

Non-Directed Orders

Morgan Stanley & Company LLC (MSCO): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. December 2022 S&P 500 Stocks Marketable Limit Non-Marketable Limit Total Non-Directed Non-Directed Orders Market Orders as % of Total Marketable Limit Orders as % of Non-Orders as % of Non-Other Orders as % of as % of All Orders Total Market Orders Total Non-Marketable Limit Orders Directed Orders Total Other Orders Non-Directed Orders Orders **Directed Orders** Non-Directed Orders 1,527 100.00 3.01 8.78 Net Payment Paid/ Net Payment Paid/ Net Payment Paid/ Net Payment Paid, Received for Net Payment Paid/ Received for Noneceived for Market Received for Marketable Limit Received for Non-Marketable Limit Net Payment Paid/ Net Payment Paid/ Received for Market Venue - Non-directed Non-Directed Marketable Limit Non-Marketable Limit Non-Marketable Limit Marketable Limit Orders(cents per Marketable Limit Orders(cents per Received for Other Orders(cents per Order Flow Non-Directed Orders Orders(%) Market Orders Market Orders(%) Orders Marketable Limit Orders(%) Orders(%) Other Orders Other Orders(%) Orders(USD) undred shares) Orders(USD) hundred shares) Orders(USD) hundred shares) Orders(USD) Citadel Securities LC(CDRG) 29.53 26.67 VIRTU Americas,

35.56

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

G1 Execution																		
Services, LLC(ETMM)	341	20.47	318	24.24	10	22.22	11	4.03	2	5.56	0	()	0	0	0	0 (,
Jane Street Capital,																		
LLC(JNST)	170	10.20	152	11.59	6	13.33	12	4.40	0	0.00	0	(0	0	0	0 0	<i>1</i>
NASDAQ Execution																		
Services, LLC(NSDQ)	106	6.36	0	0.00	1	2.22	105	38.46	0	0.00	0	()	0	0	0	0 0	<u>/</u>
Cboe EDGX US																		
Equities Exchange(EDGX)	E1	2.06		0.00	0	0.00		18.68		0.00								
	21	3.00		0.00	- 0	0.00	51	10.00	0	0.00	U		, i	<u> </u>	- 0	0	0	+
New York Stock Exchange(NYSE)	41	2.46	0	0.00	0	0.00	41	15.02	0	0.00	0				0	0	0	,
Two Sigma Securities,	41	2.40	•	0.00		0.00	7	13.02		0.00	0		,					
LLC(SOHO)	18	1 08	15	1 14	0	0.00	2	0.73	1	2 78	0			0	0	0)
Members	10	1.00	13	1.11		0.00	-	0.73		2.70				<u> </u>			-	+
Exchange(MEMX)	10	0.60	О	0.00	0	0.00	10	3.66	0	0.00	0			0	0	0	0	ار
INTL Trading, Inc.																		†
(INTL)	8	0.48	8	0.61	0	0.00	0	0.00	O	0.00	0			0	0	0	0	ر
	LLC routes all trades to t	their clearing firm, NFS. V	anderbilt Securities	s, LLC does not rec	ceive any payment for or	rder flow, payment from any profit-sharing re	lationship, transaction	fees or any transaction	rebates from our clea	aring firm, National Fi	nancial Services. How	vever, National Financ	ial Services may rece	ive such payments. I	Please refer to their 60	06 report for additional o	details.	
/IRTU Americas, LLO /anderbilt Securities, l		their clearing firm, NFS. V	anderbilt Securities	s, LLC does not rec	ceive any payment for or	rder flow, payment from any profit-sharing re	lationship, transaction	fees or any transaction	rebates from our clea	aring firm, National Fi	nancial Services. How	vever, National Financ	ial Services may rece	ive such payments. I	Please refer to their 60	06 report for additional of	details.	
61 Execution Services Vanderbilt Securities,	, ,	their clearing firm, NFS. V	anderbilt Securities	s, LLC does not rec	ceive any payment for or	rder flow, payment from any profit-sharing re	lationship, transaction	fees or any transaction	rebates from our clea	aring firm, National Fi	nancial Services. How	vever, National Financ	ial Services may rece	ive such payments. I	Please refer to their 60	06 report for additional of	details.	
•	Services, LLC(NSDQ): LLC routes all trades to t	their clearing firm, NFS. V	anderbilt Securities	s, LLC does not rec	ceive any payment for o	rder flow, payment from any profit-sharing re	lationship, transaction	fees or any transaction	rebates from our clea	aring firm, National Fi	nancial Services. How	vever, National Financ	ial Services may rece	ive such payments. F	Please refer to their 60	06 report for additional of	details.	

8.42

UBS Securities, LLC(UBSS): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for additional details. Two Sigma Securities, LLC(SOHO): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. Cboe EDGX US Equities Exchange(EDGX) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. New York Stock Exchange(NYSE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa JANE STREET CAPITAL, LLC(JNST): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Members Exchange(MEMX): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. December 2022 Non-S&P 500 Stocks Summary Marketable Limit Non-Marketable Limi Total Marketable Limi Market Orders as % of Orders as % of Non-Orders as % of Non-Other Orders as % of Total Non-Directed Non-Directed Orders as % of All Orders Total Market Orders Non-Directed Orders Directed Orders otal Non-Marketable Limit Orders Directed Orders **Total Other Orders** Non-Directed Orders 5,756 100.00 4,281 4.66 1,167 20.27

Non-Marketable Limit Non-Marketable Limit

30.83

Orders(%)

Citadel Securities LC(CDRG) VIRTU Americas, LLC(NITE) G1 Execution Services, LLC(ETMM)

Venue - Non-directed

Order Flow

quities

Exchange(EDGX)

UBS Securities. LLC(UBSS):

Members Exchange(MEMX):

Venue - Non-directed

Non-Directed

Non-Directed

28.16

Market Orders

1,525

Orders(%)

Non-Directed Orders

1,768

1,379 21.96 1,183 27.64 34.21 6.19 1,164 18.54 1,004 24.06 Jane Street Capital, LLC(JNST) 9.16 11.07 Cboe EDGX US

Marketable Limit Orders(%)

Marketable Limit

Marketable Limit

Market Orders(%)

NASDAQ Execution Services, LLC(NSDQ)	286	4.55	0.00	0.00	286 17.89	0 0.00	0 0	0	0 0	0 0
Members Exchange(MEMX)	166	2.64	0.00	0.00	166 10.38	0 0.00	0 0	0 0	0 0	0 0
New York Stock Exchange(NYSE)	102	1.62	0.00	0.00	102 6.38	0 0.00	0 0	0 0	0 0	0 0
Instinet BlockCross(BLKX)	94	1.50	0.00	0.00	0 0.00	94 70.15	0 0	0 0	0 0	0 0
UBS Securities, LLC(UBSS)	61	0.97	25 0.58	0.00	6 0.38	30 22.39	0 0	0 0	0 0	0 0
VIRTU Americas, LLC	LLC routes all trades to the contract of the c	- ·		nt for order flow, payment from any profit-sharing relationship						
G1 Execution Services, Vanderbilt Securities, L	, ,	neir clearing firm, NFS. Vander	rbilt Securities, LLC does not receive any payme	nt for order flow, payment from any profit-sharing relationship	p, transaction fees or any transaction	rebates from our clearing firm, National Financial Service	es. However, National Financial Services may rec	ceive such payments. Please refer to their 60	06 report for additional details.	
NASDAQ Execution Solution Vanderbilt Securities, L		neir clearing firm, NFS. Vander	rbilt Securities, LLC does not receive any payme	nt for order flow, payment from any profit-sharing relationship	p, transaction fees or any transaction	rebates from our clearing firm, National Financial Service	es. However, National Financial Services may rec	ceive such payments. Please refer to their 60	06 report for additional details.	
Instinet BlockCross(BI	LKX)·									

33.96

Other Orders

Cboe EDGX US Equities Exchange(EDGX) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for additional details. New York Stock Exchange(NYSE): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. JANE STREET CAPITAL, LLC(JNST): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for additional details.

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for additional details.

December 2022 **Option Contracts** Summary Marketable Limit Non-Marketable Limi Orders as % of Non-Total Non-Directed Non-Directed Orders Market Orders as % o Total Marketable Lim Other Orders as % of Orders as % of Nons % of All Orders otal Market Orders Non-Directed Orders irected Orders tal Non-Marketable Limit Orders Directed Orders otal Other Orders Non-Directed Orders 100.00 1,123 4.36 18.88 851

Non-Marketable Limit Non-Marketable Limit

Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details.

Order Flow	Non-Directed Orders	Orders(%)	Market Orders		Market Orders(%)	Orders	Marketable Limit Orders(%)	Orders	Orders(%)	Other Orders	Other Orders(%)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)
Citadel Securities																		1	
LLC(CDRG)	516	5	43.95	396	46.53	16	50.00	100	0 35.73		4 36.3	6	0	ס	0	0		0 0	J
Susquehanna Capital																			
Group(SUSQ)	287	'	24.45	265	31.14	. 8	25.00		9 3.23		5 45.4	5	0	0	0	0		0 0	J
Dash Financial																			
Technologies																			
LLC(DASH)	172		14.65	109	12.81	. 4	12.50	57	7 20.36		2 18.1	8	0	ס	0	0		0 (ა <u></u>
Wolverine Execution																			
Services LLC(WEXX)	144		12.27	41	4.82	3	9.38	100	0 35.73		0.0	0	0	ס	0	0		0 (ა
Morgan Stanley &																			
Company LLC(MSCO)	55	6	4.68	40	4.70	1	3.13	14	4 5.00		0.0	0	0	o l	0	0		0	0
Material Aspects: Citadel Securities LL	LC (CDRG):	s to their clearing	g firm, NFS. Vanderbi	lt Secu	rities, LLC does not re	eceive any payment fo	or order flow, payment from any profit-sharing re	lationship, transactior	n fees or any transaction	n rebates from our c	elearing firm, National F	inancial Services. Ho	owever, National Financ	cial Services may rece	rive such payments. Pl	ease refer to their 606 r	eport for additional c	letails.	

Susquehanna Capital Group (SUSQ): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details. Wolverine Execution Services LLC (WEXX): Dash Financial Technologies LLC (DASH) Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment from any profit-sharing relationship, transaction fees or any transa Morgan Stanley & Company LLC (MSCO): Vanderbilt Securities, LLC routes all trades to their clearing firm, NFS. Vanderbilt Securities, LLC does not receive any payment for order flow, payment for order flow, payment for order flow, payment for order flow, payment for additional details.