G.A. REPPLE & COMPANY - Held NMS Stocks and Options Order Routing Public Report Generated on Fri Apr 07 2023 08:57:56 GMT-4 EDT

1st Quarter, 2023

January 2023

S&P 500 Stocks Summary

Total Non-Dire	cted Non-Direct		Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Lim Orders as % of N Directed Orders	ion-		Non-Marketable Limit Orders as % of Non-Directed Order	f rs Total Other Orders	Other Orders as Non-Directed O	
	136	100.00	126	92.6	5	2	1.47	8	5.8	8	0	0.00

Venues

Venue - Non- directed Order Flow Non-Directed Citadel Securities	Non-Directe Orders Orders(%)	d Market Orders	Market Orde	Marketable Limit	Marketable Limit Orders(%)	Non-Marketa Limit Orders	ole Non-Markel Limit Order:		Other Orders	Net Payment Paid/Received fo Market Orders(U	Net Payment Paid/Received for Market Orders(or ISD) per hundred shar	ents Marketable Limit	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cent	Net Payment		nts
LLC(CDRG)	41	27.89	40	31.75	1	100.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas,																		
LLC(NITE)	36	24.49	36	28.57	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
G1 Execution																		
Services, LLC(ETMM)	29	19.73	29	23.02	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	16	10.88	16	12.70		0.00		0.00		0.00	•				•	0		
New York Stock	10	10.00	16	12.70	0	0.00	U	0.00	U	0.00	U	0	0	U	U	U	0	U
Exchange(NYSE)	15	10.20	0	0.00	0	0.00	15	75.00	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	3	2.04	0	0.00	0	0.00	3	15.00	0	0.00	0	0	0	0	0	0	0	0
Two Sigma																		
Securities, LLC(SOHO)	3	2.04	3	2.38	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US	-		-		-		-		-		-	-	-	-	-	-	-	-
Equities																		
Exchange(EDGX) UBS Securities.	2	1.36	0	0.00	0	0.00	2	10.00	0	0.00	0	0	0	0	0	0	0	0
LLC(UBSS)	2	1.36	2	1.59	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0

January 2023

Non-S&P 500 Stocks Summary

			Market C	rders as %	Mar	rketable Limit		Non-Ma	rketable		
Total Non-Directed	Total Non-Directed Non-Directed Orders			rected Total M	arketable Orde	ers as % of Non-		Limit Or	ders as % of		Other Orders as % of
Orders	rders as % of All Orders Total Market Order		Market Orders Orders	Limit Or	ders Dire	ected Orders	Total Non-Marketable Limit Orders	Non-Dir	ected Orders Total Otl	her Orders	Non-Directed Orders
6	06	100.00	581	95.87	5	0.83		15	2.48	5	0.83

Venues

	nue - Non-	Non-Directed	Market Orders		Marketable Limit		Non-Marketa	ible Non-Marketab		Other Orders(Net Payment Paid/Received for	Net Payment Paid/Received for Market Orders(ce	nts Marketable Limit	Net Payment Paid/Received for Marketable Limit Orders(cents per	Net Payment Paid/Received for Non-Marketable	Net Payment Paid/Received for Non-Marketable Limit Orders(cents	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents	s
	ected Order Flow Non-Directed O	raers Oraers(%)	Market Orders	Market Orders	s(%) Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%) Other Orders	Other Orders(%) Market Orders(US	D) per nundred snar	es) Orders(USD)	hundred shares)	Limit Orders(USD)	per nunarea snares	(USD)	per hundred shares	4)
	del Securities (CDRG)	213	34.92	211	36.32		20.00		0.00		12.50	0		^		0	•	0	0
	TU Americas,	213	34.92	211	30.32	1	20.00	U	0.00	1	12.50	U	U	U	U	U	U	U	U
			27.21	160	27.54		40.00		0.00		50.00	0						n	0
ш	(NITE)	166	27.21	160	27.54	2	40.00	0	0.00	4	50.00	U	U	U	0	U	U	U	U
	Execution																		
61	vices, LLC(ETMM)	154	25.25	153	26.33	1	20.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
	e Street Capital,	134	23.23	133	20.33	1	20.00	0	0.00	0	0.00	0	0	0	0	· ·		0	0
	(JNST)	45	7.38	45	7.75	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
	o Sigma	43	7.30	43	7.73	0	0.00	0	0.00	0	0.00	0	0	0	0	· ·		0	
	urities.																		
	(SOHO)	8	1.31	8	1.38	0	0.00	0	0.00	0	0.00	0	0	0	n	n	0	0	0
	w York Stock	•	1.31	0	1.50		0.00	· ·	0.00		0.00	•	•	•		•		•	
	hange(NYSE)	5	0.82	0	0.00	0	0.00	5	31.25	0	0.00	0	0	0	0	0	0	0	0
	SE Arca(ARCA)	4	0.66	0	0.00	0	0.00		25.00	0		0	0	0	0	0	0	0	0
NA	SDAQ Execution																		
Sei	vices, LLC(NSDQ)	4	0.66	0	0.00	1	20.00	3	18.75	0	0.00	0	0	0	0	0	0	0	0
Ins	tinet																		
Blo	ckCross(BLKX)	3	0.49	0	0.00	0	0.00	0	0.00	3	37.50	0	0	0	0	0	0	0	0
Cb	e EDGX US																		
Eq	ilties																		
Exc	hange(EDGX)	3	0.49	0	0.00	0	0.00	3	18.75	0	0.00	0	0	0	0	0	0	0	0

January 2023

Option Contracts Summary

			Market Orders as 9	6	Marketable Limit	t	Non-Marketab	ole		
Total Non-Directed	Non-Directed Order		of Non-Directed	Total Marketable	Orders as % of N	on-	Limit Orders as	s % of	Other Orders	as % of
Orders	as % of All Orders	Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Non-Directed	Orders Total Other Orders	Non-Directed	Orders
	0.00) (0.0	nn	0	0.00	0	0.00	0	0.00

Venue

Venue - Non-		Non-Directed			Marketable Limit		Non-Marketable	Non-Marketable			Net Payment Paid/Received for	Net Payment Paid/Received for Market Orders(cent	Net Payment Paid/Received for	Net Payment Paid/Received for Marketable Limit Orders(cents per	Net Payment Paid/Received for	Net Payment Paid/Received for Non-Marketable	Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cent	,
	Non-Directed Orders (Market Orders	Market Orders(%)		Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)		per hundred shares	Orders(USD)	hundred shares)	Limit Orders(USD)		Other Orders(USD)		
February 2023																			
S&P 500 Stocks Summary																			
	Non-Directed Orders as % of All Orders 1 8 100.00	Total Market Ord	lers Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non Directed Orders 7 2.9	Total Non-Marketable Limit Orders		ers Total Other Order	Other Orders as % Non-Directed Orde 0 0.0	rs									
Venues												Net Payment	Net Payment	Net Payment Paid/Received for	Net Payment	Net Payment Paid/Received for		Net Payment	
Venue - Non- directed Order Flow Citadel Securities	Non-Directed Orders (Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(USE		Orders(USD)	Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)		Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share	s)
LLC(CDRG)	94	30	0.23	92 35.	25	0	0.00	2 4	26	0 0	.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)) 84	27	7.01	84 32.	18	0	0.00	0 0	00	0 0	.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	69	22	2.19	68 26.	05	0	0.00	1 2	13	0 0	.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	23	7	7.40	0 0.	00	3	100.00	20 42	55	0 0	.00	0	0	0	0	0	0	0	0
NASDAQ Execution																			
Services, LLC(NSDQ) Jane Street Capital,	19		5.11	0 0.		0		19 40										0	0
LLC(JNST) Choe EDGX US	13	4	4.18	12 4.	60	0	0.00	1 2	13	0 0	.00	0	0	0	0	0	0	0	0
Equities Exchange(EDGX)	3		0.96	0 0.	00	0	0.00	3 6	38	0 0	.00	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	3		0.96	3 1.	15	0	0.00	0 0	00	0 0	.00	0	0	0	0	0	0	0	0
StoneX Financial INC.(INTL)	1	,	0.32	1 0.		0	0.00	0 0	00	0 0	.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	1		n 32	0 0		0	0.00							0				0	0
February 2023	1		J.32	0.		·	0.00		13	0 0	.00	0	0		0		o .	o .	Ü
reblually 2023																			
Non-S&P 500 Stocks Summary																			
Summary Total Non-Directed	Non-Directed Orders as % of All Orders	otal Market Ord	lers Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non Directed Orders 22 3.8	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % Non-Directed Ord 19	ers Total Other Order	Other Orders as % Non-Directed Orde 0.	rs									
Summary Total Non-Directed Orders	Non-Directed Orders as % of All Orders	otal Market Ord	of Non-Directed lers Orders	Total Marketable Limit Orders	Orders as % of Non Directed Orders	Total Non-Marketable Limit Orders	Limit Orders as % Non-Directed Ord	ers Total Other Order	Non-Directed Orde	rs									
Summary Total Non-Directed Orders 57: Venues	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed	of Non-Directed lers Orders 531 92	Total Marketable Limit Orders .67	Orders as % of Non Directed Orders 22 3.8 Marketable Limit	Total Non-Marketable Limit Orders 4	Limit Orders as % Non-Directed Ord 19 3 Non-Marketable	ers Total Other Order .32 Non-Marketable	Non-Directed Orde 1 0.	rs 17	Net Payment Paid/Received for	Net Payment Paid/Received for Market Orders(cent	Net Payment Paid/Received for s Marketable Limit	Net Payment Paid/Received for Marketable Limit Orders(cents per	Net Payment Paid/Received for Non-Marketable	Net Payment Paid/Received for Non-Marketable Limit Orders(cents	Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cent	S
Summary Total Non-Directed Orders 573 Venues Venue - Non- directed Order Flow Citadel Securities	Non-Directed Orders as % of All Orders 3 100.00	Non-Directed Orders(%)	of Non-Directed lers Orders 531 92 Market Orders	Total Marketable Limit Orders .67 Market Orders(%)	Orders as % of Non Directed Orders 22 3.8 Marketable Limit Orders	Total Non-Marketable Limit Orders 4 Marketable Limit Orders(%)	Limit Orders as % Non-Directed Ord 19 3 Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Non-Directed Orde 1 0. Other Orders	other Orders(%)	Paid/Received for Market Orders(USE	Paid/Received for Market Orders(cent D) per hundred shares	Paid/Received for s Marketable Limit) Orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share	s)
Total Non-Directed Orders 57: Venues Venue - Non-directed Order Flow Citadel Securities LLC(CDRG) VIRTU Americas,	Non-Directed Orders as % of All Orders 3 100.00	Non-Directed Orders(%)	of Non-Directed lers Orders 92 92 Market Orders 3.80 2	Total Marketable Limit Orders Market Orders(%) 207 35.	Orders as % of Non Directed Orders 22 3.8 Marketable Limit Orders	Total Non-Marketable Limit Orders Marketable Limit Orders(%)	Limit Orders as % Non-Directed Ord 19 Non-Marketable Limit Orders 27.27	Non-Marketable Limit Orders(%)	Non-Directed Orde 1 0. Other Orders	Other Orders(%)	Paid/Received for Market Orders(USE	Paid/Received for Market Orders(cent D) per hundred shares	Paid/Received for s Marketable Limit) Orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share	o (
Summary Total Non-Directed Orders 57: Venues Venue - Non-directed Order Flow Citadel Securities LLC(DRG) VIRTU Americas, LLC(INTE)	Non-Directed Orders as % of All Orders 3 100.00	Non-Directed Orders(%)	of Non-Directed lers Orders 92 92 Market Orders 3.80 2	Total Marketable Limit Orders .67 Market Orders(%)	Orders as % of Non Directed Orders 22 3.8 Marketable Limit Orders	Total Non-Marketable Limit Orders 4 Marketable Limit Orders(%)	Limit Orders as % Non-Directed Ord 19 3 Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Non-Directed Orde 1 0. Other Orders	Other Orders(%)	Paid/Received for Market Orders(USE	Paid/Received for Market Orders(cent D) per hundred shares	Paid/Received for s Marketable Limit) Orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share	s)
Summary Total Non-Directed Orders 57: Venues Sorties Order Flow Orders Order Flow Ord	Non-Directed Orders as % of All Orders 1 3 100.00 9 100.0	Non-Directed Orders(%) 33	of Non-Directed leters Orders 1531 92 Market Orders 3.80 :	Total Marketable Limit Orders Market Orders(%) 207 35.	Orders as % of Non Directed Orders 22 3.8 Marketable Limit Orders 57	Total Non-Marketable Limit Orders Marketable Limit Orders(%)	Limit Orders as % Non-Directed Ord 19 Non-Marketable Limit Orders 27.27	Non-Marketable Limit Orders(%)	Non-Directed Orde 1 0. Other Orders	other Orders(%) 1 20 0 0	Paid/Received for Market Orders(USE	Paid/Received for Market Orders(cent O) per hundred shares 0	Paid/Received for s Marketable Limit) Orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share	o (
Summary Total Non-Directed Orders 577 Venues Venue - Non- directed Order flow (Itadel Securities LLC(CDRG) VIRTU Americas, LLC(NTE) GE Execution Services, LLC(ETIMM) Jane Street Capital, LLC(NTE) LLC(NTE) LLC(NTE)	Non-Directed Orders as % of All Orders 1 3 100.00 9 100.0	Non-Directed Orders(%) 33 26	of Non-Directed deres Orders 1 92 92 92 92 92 92 92 92 92 92 92 92 92	Total Marketable Limit Orders (207 35. 160 27.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 57	Total Non-Marketable Limit Orders Marketable Limit Orders(%)	Limit Orders as % Non-Directed Ord 19 3 Non-Marketable Limit Orders 27.27 31.82	Non-Marketable Limit Orders(%) 2 6 0 0	Non-Directed Orde 1 0. Other Orders 67	other Orders(%) 20 0 0 0	Paid/Received for Market Orders(USE .00	Paid/Received for Market Orders(cent 0) per hundred shares 0	Paid/Received for s Marketable Limit) Orders(USD) 0	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares) 0	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share	o 0
Summary Total Non-Directed Orders 577 Venues Sorries Ucense Order Souries LC(CORG) URTU Americas, LC(NTE) GE Execution Services, LC(ETIMM) Jane Street Capital, LC(NTS) New York Stock Exchange(NYSE)	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Orders(%) 33 26 25	of Non-Directed deres Orders 1 92 92 92 92 92 92 92 92 92 92 92 92 92	Total Marketable Limit Orders Market Orders(%) 207 35. 160 27.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 57 49	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7	Limit Orders as %. Non-Directed Off 3 Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 13.64 9.09	Non-Marketable Limit Orders(%) 2 6 0 0	Non-Directed Orde 1 0. Other Orders 67 00	Other Orders(%) 1 20 0 0 0 0	Paid/Received for Market Orders(USE .00	Paid/Received for Market Orders(cent 0) per hundred shares 0 0	Paid/Received for s Marketable Limit) Orders(USD) 0 0	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD) 0 0	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD) 0 0	Paid/Received for Other Orders(cent per hundred share 0 0	o 0 0
Total Non-Directed Orders 57: Venues 57: Venue - Non-directed Order Flow Gladed Securities LL(CDNG) VIRTU Americas, LL(CING) and Stevet Capital, LLC(INST) New York Stock	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Orders(%) 33 26 25 6	of Non-Directed letters Orders 92	Total Marketable Limit Orders .67 Market Orders(%) 207 35. 160 27. 156 26.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 80 90 90	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7	Limit Orders as %. Non-Directed Off 3 Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 13.64 9.09	Non-Marketable Limit Orders(%) 2 6 2 6 1 3 25 50	Non-Directed Orde O. Other Orders 67 00 67 33	other Orders(%) 20 0 0 0 0 0	Paid/Received for Market Orders(USE .000	Paid/Received for Market Orders(cent o) per hundred shares o 0 0	Paid/Received for s Marketable Limit) Orders(USD) 0 0	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0	Paid/Received for Non-Marketable Limit Orders(USD) 0 0	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cent per hundred share 0 0	o o o
Summary Total Non-Directed Orders 57: Venues Venue - Non-directed Order Flow Citadel Securities LLC(CDRG) VIRTU Americas, LLC(INTE) GE Execution Services, LLC(ETIMM) Jane Street Capital, LLC(INST) Amagel NYSE) Stonek Financial INC.(INTL) NASDAQ Execution	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Profers(%) 33 26 6 1	of Non-Directed leres Orders 531 92 Market Orders 3.8.0 2.5.13 : 5.20 : 6.89 2.550	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 160 27. 156 26. 41 7. 0 0. 8 1.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 49 80 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 7 3 2 1	Limit Orders as %. Non-Directed Ord 19 Non-Marketable Limit Orders 27.27 31.82 13.64 9.09 4.55 0.00	Non-Marketable Limit Orders (%) 2	Non-Directed Orde 1 0. Other Orders 67 00 67 33 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0	Paid/Received for Market Orders(USE 0.00 0.00 0.00	paid/Received for Market Order()) per hundred shares 0 0 0 0	Paid/Received for s Marketable Limit orders(USD) orders(USD) orders(USD) o	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD) 0 0 0 0 0	Paid/Received for Other Orders(cent per hundred share 0 0 0 0	o o o o o
Summary Total Non-Directed Orders 577 Venues Venues - Non-directed Order Flow Claded Securities LC(COMG) VIRTU Americas, LLC(INTA) Services, LLC(ETMM) Jane Street Capital, LLC(INST) New York Stock Exchange(IVSE) Stone K Financial INC.(INTL)	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Profers(%) 33 26 6 1	of Non-Directed leres Orders 531 92 Market Orders 3.8.0 2.5.13 : 5.20 : 5.8.89	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 160 27. 156 26. 41 7.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 49 80 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7 3 2	Limit Orders as %. Non-Directed Ord 19 Non-Marketable Limit Orders 27.27 31.82 13.64 9.09 4.55	Non-Marketable Limit Orders(%) 2 6 2 6 1 3 25 50	Non-Directed Orde 1 0. Other Orders 67 00 67 33 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0	Paid/Received for Market Orders(USE 0.00 0.00 0.00	paid/Received for Market Order()) per hundred shares 0 0 0 0	Paid/Received for s Marketable Limit orders(USD) orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD) 0 0 0 0 0	Paid/Received for Other Orders(cent per hundred share 0 0	o o o o
Summary Total Non-Directed Orders 577 Venues Venue - Non-directed Order flow of Cladel Securities LLC(CDRG) VIRTU Americas, LLC(INTE) GE Execution Services, LLC(ETMM), Jane Street Capital, LLC(INST) New York Stock Exchange(IVSE) Stonex Financial InC.(INTL) MASDAQ Execution Services, LLC(INSDQ) Two Sigma Securities, LLC(SSDQ) Two Sigma Securities, LLC(SNDQ)	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed prders(%) 33 26 21	of Non-Directed leres Orders 531 92 Market Orders 3.8.0 2.5.13 : 5.20 : 6.89 2.550	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 160 27. 156 26. 41 7. 0 0. 8 1.	Orders as \$6 ONO Directed Orders 22 3.4 Marketable Limit Orders 499 80 80 04 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 7 3 2 1	Limit Orders as %. Non-Directed Ord 19 Non-Marketable Limit Orders 27.27 31.82 13.64 9.09 4.55 0.00	Non-Marketable Umit Orders(%) 2	Non-Directed Orde 1 0. Other Orders 67 00 67 33 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0	Paid/Received for Market Orders(USE 0.00 0.00 0.00 0.00	Paid/Received for market orders of the control of t	Paid/Received for s Marketable Limit orders(USD) orders(USD) orders(USD) o	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0	Paid/Received for Non-Marketable Limit Orders(USD)	Paid/Recived for Non-Marketable Limit Orders(cents per hundred shares) 0 0 0 0	Paid/Received for Other Orders(USD) 0 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(cent per hundred share 0 0 0 0	o o o o o
Summary Total Non-Directed Orders 577. Venues Venue - Non-directed Order Flow Citadel Securities LLC(CDNG) VIRTU Americas, LLC(NNT) Americas, LLC(NNT) New York Stock Exchange(NYSE) Stone K Financial INC.((NTL)) MASDAQ Execution Services, LLC(CNSDQ) The Control of the Con	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed prders(%) 33 26 22 3	of Non-Directed letters Orders 531 92 Market Orders 3.880 : 6.13 : 5.20 : 5.20 : 1.25	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 156 26. 41 7. 0 0. 8 1. 0 0.	Orders as \$6 ONO Directed Orders 22 3.4 Marketable Limit Orders 499 800 800 800 800 800 800 800	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7 3 2	Limit Orders as %. Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 4.55 0.00 13.64 0.00	Non-Marketable Umit Orders(%) 2	Other Orders Other Orders 67 00 67 33 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0	Paid/Received for Market Orders(USE)	paid/Received for Market Orders(cent) per hundred shares 0 0 0 0 0	Paid/Received for s Marketable Limit of Orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0	Paid/Received for Non-Marketable Limit Orders(USD) 0 0 0 0 0 0 0 0 0 0	Paid/Recived for Non-Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0	Paid/Received for Other Orders(USD) Other Orders(USD) O O O	Paid/Received for Other Orderson	0 0 0 0
Summary Total Non-Directed Orders 577. Venues Venue - Non-directed Order Flow Citadel Securities LLC(DNG) VIRTU Americas, LLC(DNT) Anne Street Capital, LLC(INST) New York Stock Exchange(NYSE) Stonek Financial INC.(INTL) MASDAQ Execution Services, LLC(INST) Nus Stock Exchange(NYSE) Stonek Financial INC.(INTL) MASDAQ Execution Services, LLC(INSTQ) In US Speciment Stock LLC(SOHQ) Instinct Block/Crost(BLIO) INST Securities, INST Services Block/Crost(BLIO) INST Securities, INST Services Block/Crost(BLIO) INST Securities Block/Crost(BLIO) INST Securities JONE SERVICES JONE SERVI	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Prdens(%) 33 26 21 31 31 4	of Non-Directed letters Orders 531 92 Market Orders 3.880	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 156 26. 41 7. 0 0. 8 1. 0 0.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 80 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7 3 2 1 0 3	Limit Orders as %. Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 4.55 0.00 13.64 0.00 0.00	Non-Marketable Umit Orders(%) 2	Other Orders Other Orders 67 00 67 33 00 00 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0 0 0 4 80	Paid/Received for Market Orders(USE)	pald/Received for Market Orders(cent) per hundred shares 0 0 0 0 0 0 0	Paid/Received for s Marketable Limit Orders(USD) 0 0 0 0 0 0 0 0 0	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Non-Marketibel Limit Orders(USD) 0 0 0 0 0	Paid/Recived for Non-Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(USD) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(cent per hundred share) 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Summary Total Non-Directed Orders 577 Venues Venue - Non- directed Order flow (Italed Securities LLC(DNG) WIRTU Americas, LLC(NTE) GE Execution Services, LLC(ETIMM) Jane Street Capital, LLC(INTE) New York Stock Exchange(IVSE) StoneX Financial INC.(INTL) Two Signa Securities Securities Securities StoneX Financial INC.(INTL) USB Securities Securities StoneX Financial INC.(INTL) StoneX Financial	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Prdens(%) 33 26 21 31 31 4	of Non-Directed letters Orders 531 92 Market Orders 3.880 : 6.13 : 5.20 : 5.20 : 1.25	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 156 26. 41 7. 0 0. 8 1. 0 0.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 80 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7 3 2 1 0	Limit Orders as %. Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 4.55 0.00 13.64 0.00	Non-Marketable Umit Orders(%) 2	Other Orders Other Orders 67 00 67 33 00 00 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0 0 0 4 80	Paid/Received for Market Orders(USE)	pald/Received for Market Orders(cent) per hundred shares 0 0 0 0 0 0 0	Paid/Received for s Marketable Limit Orders(USD) 0 0 0 0 0 0 0 0 0	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Non-Marketibel Limit Orders(USD) 0 0 0 0 0	Paid/Recived for Non-Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(USD) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received for Cother Orders July 2000 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0
Summary Total Non-Directed Orders 577. Venues Venue - Non-directed Order Flow Citadel Securities LLC(DNG) VIRTU Americas, LLC(DNT) Anne Street Capital, LLC(INST) New York Stock Exchange(NYSE) Stonek Financial INC.(INTL) MASDAQ Execution Services, LLC(INST) Nus Stock Exchange(NYSE) Stonek Financial INC.(INTL) MASDAQ Execution Services, LLC(INSTQ) In US Speciment Stock LLC(SOHQ) Instinct Block/Crost(BLIO) INST Securities, INST Services Block/Crost(BLIO) INST Securities, INST Services Block/Crost(BLIO) INST Securities Block/Crost(BLIO) INST Securities JONE SERVICES JONE SERVI	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Prdens(%) 33 26 21 31 31 4	of Non-Directed letters Orders 531 92 Market Orders 3.880	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 156 26. 41 7. 0 0. 8 1. 0 0.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 80 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7 3 2 1 0 3	Limit Orders as %. Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 4.55 0.00 13.64 0.00 0.00	Non-Marketable Umit Orders(%) 2	Other Orders Other Orders 67 00 67 33 00 00 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0 0 0 4 80	Paid/Received for Market Orders(USE)	pald/Received for Market Orders(cent) per hundred shares 0 0 0 0 0 0 0	Paid/Received for s Marketable Limit Orders(USD) 0 0 0 0 0 0 0 0 0	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Non-Marketibel Limit Orders(USD) 0 0 0 0 0	Paid/Recived for Non-Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(USD) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(cent per hundred share) 0 0 0 0 0 0 0 0 0	0 0 0 0 0
Summary Total Non-Directed Orders 577 Venues Venue - Non- directed Order flow (Italed Securities LLC(DNG) WIRTU Americas, LLC(NTE) GE Execution Services, LLC(ETIMM) Jane Street Capital, LLC(INTE) New York Stock Exchange(IVSE) StoneX Financial INC.(INTL) Two Signa Securities Securities Securities StoneX Financial INC.(INTL) USB Securities Securities StoneX Financial INC.(INTL) StoneX Financial	Non-Directed Orders as % of All Orders 1 100.00	Non-Directed Prdens(%) 33 26 21 31 31 4	of Non-Directed letters Orders 531 92 Market Orders 3.880	Total Marketable Limit Orders (%) Market Orders(%) 207 35. 156 26. 41 7. 0 0. 8 1. 0 0.	Orders as % of Non Directed Orders 22 3.4 Marketable Limit Orders 80 00 37	Total Non-Marketable Limit Orders Marketable Limit Orders(%) 6 7 3 2 1 0 3	Limit Orders as %. Non-Directed Off 3 Non-Marketable Limit Orders 27.27 31.82 4.55 0.00 13.64 0.00 0.00	Non-Marketable Umit Orders(%) 2	Other Orders Other Orders 67 00 67 33 00 00 00 00 00	Other Orders(%) 1 20 0 0 0 0 0 0 0 0 0 0 0 0 4 80	Paid/Received for Market Orders(USE)	pald/Received for Market Orders(cent) per hundred shares 0 0 0 0 0 0 0	Paid/Received for s Marketable Limit Orders(USD) 0 0 0 0 0 0 0 0 0	Paid/Received for Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Non-Marketibel Limit Orders(USD) 0 0 0 0 0	Paid/Recived for Non-Marketable Limit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(USD) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received for Other Orders(cent per hundred share) 0 0 0 0 0 0 0 0 0	0 0 0 0 0

0 0.00 0 0.00 0 0.00 0 0.00 0 0.00

Venues

Refression Non-Directed Order flow Non-Directed Order

March 2023

S&P 500 Stocks

| Market Orders as % | Market Dries as % | Mar

Venues

										Net Payment	Net Payment Paid/Received for	Net Payment Paid/Received for	Net Payment Paid/Received for Marketable Limit	Net Payment Paid/Received for	Net Payment Paid/Received for Non-Marketable	Net Payment	Net Payment Paid/Received for	
Venue - Non-	Non-Directed			Marketable Limit		Non-Marketable	Non-Marketab	e		Paid/Received for	Market Orders(cer	nts Marketable Limit	Orders(cents per	Non-Marketable	Limit Orders(cents	Paid/Received for	Other Orders(cents	
directed Order Flow Non-Directed Ord	lers Orders(%)	Market Orders	Market Orders	s(%) Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%	Other Orders	Other Orders(9	6) Market Orders(USI	D) per hundred share	s) Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred share	s) Other Orders(USD)	per hundred shares	:)
Citadel Securities																		
LLC(CDRG)	98	34.39	98	38.28	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
G1 Execution																		
Services, LLC(ETMM)	65	22.81	65	25.39	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas,																		
LLC(NITE)	62	21.75	62	24.22	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital,																		
LLC(JNST)	24	8.42	24	9.38	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	23	8.07	0	0.00	0	0.00	23	82.14	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US																		
Equities																		
Exchange(EDGX)	4	1.40	0	0.00	0	0.00	4	14.29	0	0.00	0	0	0	0	0	0	0	0
Two Sigma																		
Securities,																		
LLC(SOHO)	4	1.40	4	1.56	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial																		
INC.(INTL)	3	1.05	3	1.17	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Members																		
Exchange(MEMX)	1	0.35	0	0.00	0	0.00	1	3.57	0	0.00	0	0	0	0	0	0	0	0
UBS Securities,																		
LLC(UBSS)	1	0.35	0	0.00	0	0.00	0	0.00	1 1	100.00	0	0	0	0	0	0	0	0

March 2023

Non-S&P 500 Stocks

| Market Orders as % of Non-Directed Orders as % of

Venues

direc	e - Non- ted Order Flow Non-Directed el Securities	Non-Directed Orders Orders(%)	Market Orders	Market Orders	Marketable Limit (%) Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketab Limit Orders(%		Other Orders(%	Net Payment Paid/Received for Market Orders(US			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(cent per hundred share	ts
LLC(C		224	34.46	224	35.73	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
	J Americas,																		
LLC(N	IITE)	181	27.85	179	28.55	2	50.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
61.5	ecution																		
	ces, LLC(ETMM)	155	23.85	154	24.56	1	25.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
	Street Capital,																		
LLC()	NST)	56	8.62	55	8.77	1	25.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
NASE	AQ Execution																		
Servi	ces, LLC(NSDQ)	15	2.31	0	0.00	0	0.00	15	78.95	0	0.00	0	0	0	0	0	0	0	0
Two	Sigma																		
Secu																			
LLC(S		6	0.92	6	0.96	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
	ecurities,																		
ITC(I		6	0.92	6	0.96	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Equit	EDGX US																		
	nge(EDGX)	2	0.46	0	0.00	0	0.00	2	15.79	0	0.00	0	0	0	0	0	0	0	0
	X Financial	,	0.40	0	0.00	0	0.00	3	13.75	0	0.00	0	0	0	0	· ·	0	0	
INC.(3	0.46	3	0.48	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Mem																			
Exch	inge(MEMX)	1	0.15	0	0.00	0	0.00	1	5.26	0	0.00	0	0	0	0	0	0	0	0

March 2023

Option Contract

Total Non-Directed Non-Directed Orders of Non-Directed Orders of Non-Directed Total Market Orders Or

Non-Marketable
Limit Orders as % of
Non-Directed Orders Total Other Orders
Non-Directed Orders
Non-Directed Orders
0.00

Venue - Non- directed Order Flow Non-Directed Citadel Securities	Non-Direct Orders Orders(%)		ers Market Or	Marketable Lim ders(%) Orders	it Marketable Limit Orders(%)	Non-Marketable Limit Orders	e Non-Market Limit Orders		Other Orders(%)		Net Payment Paid/Received for Market Orders(cen D) per hundred share:		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 Other Orders(cents per hundred shares)	
LLC(CDRG)	1	33.33	0	0.00	1	100.00	0	0.00	0 (0.00	0	0	0	0	0	0	a	0
Susquehanna Capital Group(SUSQ)	1	33.33	1	100.00	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	3	0
Wolverine Execution Services LLC(WEXX)	1	33.33	0	0.00	0	0.00	1	100.00	0 (0.00	0	0	0	0	0	0	0	0