# G.A. REPPLE & COMPANY - Hel and Options Order Routing Pul Generated on Mon Jan 09 202: 5 EST

October 2022 S&P 500 Stocks Summary

							Non-Marketabl		
	Non-Directed		Market Orders as %		Marketable Limit		Limit Orders as	% of	Other Orders as %
Total Non-Directed	Orders as % of All		of Non-Directed	Total Marketable	Orders as % of Non-		Non-Directed		of Non-Directed
Orders	Orders	<b>Total Market Orders</b>	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
331	100.00	306	92.45	10	3.02		15	4.53 (	0.00

Venue - Non- Non-Di directed Order Flow Orders Citadel Securities		Non-Directed Orders(%)	Market Orders	Market Orde	Marketable Limi rs(%) Orders	t Marketable Limit Orders(%)	Non-Market Limit Order			Other Orders(	Net Payment Paid/Received fo K) Market Orders(U	Net Payment Paid/Received for Market or Orders(cents per SD) hundred shares)	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 share:	Net Payment Paid/Received for ) Other Orders(USD)	Net Payment Paid/Received for Other Orders(cen per hundred share	nts
LLC(CDRG)	115		34.23	115	37.58	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas,																			
LLC(NITE) G1 Execution	79		23.51	79	25.82	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services.																			
LLC(ETMM)	77		22.92	77	25.16	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital,																			
LLC(INST) New York Stock	32		9.52	32	10.46	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	15		4.46	0	0.00	0	0.00	15	57.69	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ) Choe EDGK US Equities	12		3.57	0	0.00	4	100.00	8	30.77	0	0.00	0	0	0	0	0	0	0	0
Exchange(EDGX) Two Sigma	3		0.89	0	0.00	0	0.00	3	11.54	0	0.00	0	0	0	0	0	0	0	0
Securities, LLC(SOHO)	3		0.89	3	0.98	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0

### Non-S&P 500 Stocks Summary

								Non-Marketabl	e		
	Non-Direct	ed		Market Orders as %		Marketable Limit		Limit Orders as	% of	Other Orders as	%
Total Non-Directed	Orders as %				Total Marketable	Orders as % of Non-		Non-Directed		of Non-Directed	
Orders	Orders		<b>Total Market Orders</b>	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders	
73	12	100.00	707	97.92	5	5 0.69		9	1.25	4	0.14

Venue - Non- directed Order Flow Citadel Securities	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orde	Marketable Limit rs(%) Orders	: Marketable Limit Orders(%)	Non-Marketa Limit Orders	ble Non-Market Limit Orders		Other Orders	Net Payment Paid/Received for (%) Market Orders(U	Net Payment Paid/Received fo Market r Orders(cents per SD) hundred shares)	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 share	Net Payment		ints
LLC(CDRG)		146	33.51	244	34.51	1	33.33	4	5.56	0	0.00	0	0	0	0	0	0	0	0
G1 Execution			33.31	244	34.51	-	33.33	•	5.30		0.00	0	0		0	0	0	5	0
Services.																			
LLC(ETMM)		182	24.80	181	25.60	1	33.33	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas,																			
LLC(NITE)		181	24.66	179	25.32	1	33.33	0	0.00	1	16.67	0	0	0	0	0	0	0	0
Jane Street Capital,																			
LLC(JNST)		87	11.85	87	12.31	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
New York Stock																			
Exchange(NYSE)		9	1.23	0	0.00	0	0.00	9	50.00	0	0.00	0	0	0	0	0	0	0	0
Two Sigma																			
Securities,																			
LLC(SOHO)		9	1.23	9	1.27	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
UBS Securities,		-		-															
LLC(UBSS)		7	0.95	7	0.99	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
BlockCross(BLKX)			0.68		0.00		0.00		0.00	,	83.33	0						0	
NYSE Arca(ARCA)			0.54	0	0.00	0	0.00		22.22	5	0.00	0	0	0	0	0	0	2	0
NTSC AICE(AICA)		-	0.54	0	0.00	0	0.00	-	11.11	0	0.00	0	0	0	0	0	0	5	U
NASDAQ Execution Services, LLC(NSDQ)		3	0.41	0	0.00	0	0.00	3	16.67	0	0.00	0	0	0	0	0	0	0	0

## October 2022 Option Contracts

Summary													
							Non-Marketable						
	Non-Directed		Market Orders as 9	6	Marketable Limi		Limit Orders as 9	Gof	Other Orde	rs as %			
Total Non-Directed	Orders as % of	All	of Non-Directed	Total Marketable	Orders as % of N	m-	Non-Directed		of Non-Dire	cted			
Orders	Orders	Total Market Orde	rs Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Order	Orders				
(	2	0.00	0 0.0	0	0 0	.00	0 0	0.00	0	0.00			
Venues													
											Net Payment	Net Payment	Not Payment

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	Non-Directed	Non-Directed			Marketable Limi		Non-Marketable				Net Payment Paid/Received for		Paid/Received for Marketable Limit	Net Payment Paid/Received for Marketable Limit Orders(cents per	Paid/Received for Non-Marketable	Limit Orders(cents	Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cent	ts
directed Order Flow	Orders	Orders(%)	Market Orders	Market Orde	ers(%) Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders	6) Other Orders	Other Orders(9	<li>Market Orders(US)</li>	iD} hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares	Other Orders(USD)	per hundred share	-5)
VIRTU Americas,																			
LLC(NITE)		33	29.73	33	30.84	0	0.00	0	0.00	0	0.00	0	0	0	0	0 1	, 0	0	0
G1 Execution																			
Services,																			
LLC(ETMM)		27	24.32	27	25.23	0	0.00	0	0.00	0	0.00	0	0	0	0	0 1	0 0	0	0
Citadel Securities																			
LLC(CDRG)		24	21.62	24	22.43	0	0.00	0	0.00	0	0.00	0	0	0	0	0 1	0 0	0	0
Jane Street Capital,																			
LLC(INST)		21	18.92	21	19.63	0	0.00	0	0.00	0	0.00	0	0	0	0	0 1	J 0	0	0
New York Stock																			
Exchange(NYSE)		3	2.70	0	0.00	0	0.00	3	75.00	0	0.00	0	0	0	0	0 1	0 0	0	0
Two Sigma																			
Securities,																			
LLC(SOHO)		2	1.80	2	1.87	0	0.00	0	0.00	0	0.00	0	0	0	0	0 1	0 0	0	0
Choe EDGX US																			
Equities																			
Exchange(EDGX)		1	0.90	0	0.00	0	0.00	1	25.00	0	0.00	0	0	0	0	0 1	0 0	0	0

November 2022 Non-S&P 500 Stocks Summary

Non-Directed Market Ordens as % Market and the United State Limit United Ordens as % of Other Total Non-Directed Ordens X for All of Non-Directed Total Marketable Limit Ordens X for Knon- Ordens Total Market Ordens Ordens Limit Ordens Directed Ordens Total Non-Marketable Limit Ordens Ordens Total Ordens Ord		
Total Non-Directed Orders as % of All of Non-Directed Total Marketable Orders as % of Non- Non-Directed of Non- Orders Orders Total Market Orders Orders Limit Orders Directed Orders Total Non-Marketable Limit Orders Orders Total Other Orders Order		
Orders Orders Total Market Orders Orders Limit Orders Directed Orders Total Non-Marketable Limit Orders Orders Total Other Orders Orde	her Orders as %	
	Non-Directed	
448 100.00 420 93.75 19 4.24 9 2.01 0	ders	
	0.00	

Venue - Non- directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	I Market Orders	Market Ord	Marketabl ers(%) Orders	le Limit Marketable Limit Orders(%)		Non-Marketable Limit Orders	Non-Marketab Limit Orders(N		Other Orders	Net Payment Paid/Received fo (%) Market Orders(U	Net Payment Paid/Received fo Market or Orders(cents per SD) hundred shares)	r 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[cent: per hundred share	Net Payment	Net Payment Paid/Received fo Other Orders(cer per hundred shar	nts
Citadel Securities LLC(CDRG)			31.94	149	35.48		18.7	-		2.38	0	0.00								
VIRTU Americas.		153	31.94	149	35.48	3	18.7	5	1	2.58	0	0.00	0	0	0	0	0	0	0	0
LLC(NITE)		123	25.68	117	27.86	6	37.5	n	0	0.00	0	0.00	0	0	0	ō.	0	0	0	0
G1 Execution			23.00		27.00		37.3	0	0	0.00	0	0.00	0			0		0	0	0
Services.																				
LLC(ETMM)		89	18.58	83	19.76	6	37.5	0	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital,																				
LLC(INST)		62	12.94	61	14.52	1	6.2	5	0	0.00	0	0.00	0	0	0	0	0	0	0	0
New York Stock																				
Exchange(NYSE)		28	5.85	0	0.00	0	0.0	0	28	i6.67	0	0.00	0	0	0	0	0	0	0	0
UBS Securities,																				
LLC(UBSS)		6	1.25	6	1.43	0	0.0	0	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities																				
Equities Exchange(EDGX)			1.04		0.00	0	0.0			1.90	0	0.00	0							
Two Sigma		5	1.04	0	0.00	0	0.0	U U	5	1.50	0	0.00	0	0	0	0	0	0	0	0
Securities.																				
LLC(SOHO)		3	0.63	3	0.71	0	0.0	n	0	0.00	0	0.00	0	0	0	0	0	0	0	0
NYSE Arca(ARCA)		2	0.42	0	0.00	0	0.0		2	4.76	0	0.00	0	0	0	0	0	0	0	0
Choe BZX U.S.																				
Equities																				
Exchange(BATS)		2	0.42	0	0.00	0	0.0	D	2	4.76	0	0.00	0	0	0	0	0	0	0	0

Synton Contracts Senarry Non-Oriented Market Orden as % Marketable Limit Marketable Limit Orden as k of Other Orden as % Teta Nan-Oriented Other as s & d'All of Sena Other as & d'All of Senar & S	November 2022												
Neo Diverse de Market Orken a K Marketañs Limit Linet Orken a K Obro Orken a K Teal/Neo Neutral Orken a K Neo Neutral Diverse A Service Servic													
Orders Orders Tatal Market Order. Orders Limit Orders Directad Orders Tatal Nos-Marketable Limit Orders Orders Tatal Obser Orders Orders Orders 0 0.00 0 0.0	Total Non-Directed							Limit Orders a	as % of				
Net Payment		Orders	Total Market Orde	ers Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders	D		
	Venues												
												Paid/Received for	Net Payment

 
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Market Orders
Market Orders
Non-Market Order
N December 2022 S&P 500 Stocks Summary

Non-Marketable

		Non-Directed		Market Orders as %		Marketable Limit		Limit Orders	as % of	Other Orders as %
Tota	I Non-Directed	Orders as % of All		of Non-Directed		Orders as % of Non-		Non-Directe		of Non-Directed
Ord			Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	
	257	100.00	184	71.60	29	11.28		44	17.12 0	0.00
Ven	ues									

Venue - Non- Non-Directed directed Order Flow Orders Citadel Securities	Non-Directe Orders(%)	id Market Orders	Market Orde	Marketable Limi ers(%) Orders	t Marketable Limit Orders(%)	Non-Mark Limit Orde			Other Orders	Net Payment Paid/Received for (%) Market Orders(US	Net Payment Paid/Received for Market Orders(cents per 5D) hundred shares)	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 share:	Net Payment Paid/Received for ) Other Orders(USD)		ts
LLC(CDRG)	82	29.08	78	42.39	2	13.33	2	2.41	0	0.00	0	0	0	0	0	0	0	0
New York Stock																		
Exchange(NYSE)	59	20.92	0	0.00	0	0.00	59	71.08	0	0.00	0	0	0	0	0	0	0	0
G1 Execution																		
Services,																		
LLC(ETMM)	45	15.96	42	22.83	3	20.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)		15.25		21.74		20.00	0		0		0	0	0			0		0
EEC(NITE)	43	15.25	40	21.74	3	20.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	26	9.22	0	0.00	6	40.00	20	24.10	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital,																		
LLC(INST) UBS Securities.	19	6.74	18	9.78	1	6.67	0	0.00	0	0.00	0	0	0	0	0	0	0	0
LLC(UBSS)	4	1.42		2.17	0	0.00	0	0.00	0	0.00	0	0	0	0	0	n	0	0
Choe EDGX US	-	1.41	-	4.47		0.00	0	0.00	0	0.00	0		0	0	0		0	0
Equities																		
Exchange(EDGX)	2	0.71	0	0.00	0	0.00	2	2.41	0	0.00	0	0	0	0	0	0	0	0
INTL Trading,																		
Inc.(INTL)	1	0.35	1	0.54	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Two Sigma																		
Securities,																		
LLC(SOHO)	1	0.35	1	0.54	0	0.00	0	0.00	0	0.00	U	U	0	U	U	0	U	0
December 2022																		

	P 500	
		Stocks

Summary Total Non-Directed Orders 56	Orders			Market Orders of Non-Directe lers Orders 196	d To	tal Marketable nit Orders 2	Marketable Limi Orders as % of N Directed Orders 8 4		Non-Marketabl Limit Orders as Non-Directed Orders 36	% of		er Orders as % ion-Directed iers 0.5										
Venues Venue - Non- directed Order Flox Citadel Securities	Non-Directed	Non-E Order	lirected s(%)	Market Orders	M	arket Orders(%)	Marketable Limi Orders	Marketable Limit Orders(%)	Non-Marketabl Limit Orders	e Non-Market Limit Order		er Orders	Other Orders(	Net Payment Paid/Received fo 6) Market Orders(U	Net Payment Paid/Received for Market Orders(cents per 5D) hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)		Limit Orders[cent:	Net Payment		ents
LICICDRG)		176	30	.77	168	33.9	4	6	30.00	0	0.00		2	25.00	0	0	0	0	0	0	0	0
/IRTU Americas, LC(NITE) 51 Execution		147	25		138	27.8		6	30.00	2	4.08			12.50	0	0	0	0	0	0	0	0
iervices, LC(ETMM) ane Street Capital,		126	22		122	24.6		2	10.00	2	4.08		0	0.00	0	-	0	0	0		0	0
LLC(JNST) New York Stock		59	10	.31	57	11.5	2	2	10.00	0	0.00		0	0.00	0	0	0	0	0	0	0	0
Exchange(NYSE) NYSE Arca(ARCA)		16 13	2	.80 .27	0	0.0	0	0	0.00	16 13	32.65 26.53		0	0.00	0		0	0	0		0	0
NASDAQ Execution																						
iervices, LLC(NSDC 'wo Sigma iecurities,	)	12	2	.10	0	0.0	0	3	15.00	9	18.37		0	0.00	0	0	0	0	0	0	0	0
LC(SOHO)		6	1	.05	6	1.2	1	0	0.00	0	0.00		0	0.00	0	0	0	0	0	0	0	0
llockCross(BLKX) boe EDGX US quities		5	0	.87	0	0.0	0	0	0.00	0	0.00		5	62.50	0	0	0	0	0	0	0	0
Exchange(EDGX)		4	0	.70	0	0.0	0	0	0.00	4	8.16		0	0.00	0	0	0	0	0	0	0	0
December 2022																						
o																						

Option Contracts Summary

Total Non-Dire	Non-Directed ted Orders as % of Al		Market Orders as % of Non-Directed	Total Marketable	Marketable Limit Orders as % of Non-		Limit Orders as Non-Directed	% of	Other Orders as % of Non-Directed									
Orders	Orders	Total Market Orden	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders									
	0 0	.00 0	0.0	D	0.00	1	0	0.00	0.	00								
Venues																		
												Net Payment		Net Payment		Net Payment		
												Paid/Received for	Net Payment	Paid/Received for	Net Payment	Paid/Received for		Net Payment
											Net Payment	Market	Paid/Received for	Marketable Limit	Paid/Received for		Net Payment	Paid/Received for
Venue - Non-	Non-Directed	Non-Directed			Marketable Limit		Non-Marketable	Non-Marketable			Paid/Received for	Orders(cents per	Marketable Limit	Orders(cents per	Non-Marketable	Limit Orders(cents	Paid/Received for	Other Orders(cents
directed Order	Flow Orders	Orders(%)	Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)	Market Orders(USE	) hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares)	Other Orders(USD)	per hundred shares)

Non-Marketable