PURSHE KAPLAN STERLING - Held NMS Stocks and Options Order Routing Public Report Generated on Mon Apr 05 2021 10:41:38 GMT-4 EDT

1st Quarter, 2021

### S&P 500 Stocks

Summary						
					Non-Marketable	
	Non-Directed	Market Orders as %	Marketable Limit	L.	imit Orders as % of	Other Orders as %
Total Non-Directed	Orders as % of All	of Non-Directed Total M	larketable Orders as % of Non-		Von-Directed	of Non-Directed
Orders	Orders Total Mar	rket Orders Orders Limit O	rders Directed Orders	Total Non-Marketable Limit Orders	Orders Total Other Orders	Orders

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Venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	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	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)		Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	2:	18 47.81	1 20	2 49.88		53.85	6	22.22	3	27.27			0	0		0		0 0
VIRTU Americas																		
LLC(NITE)	138 30.26 134 33.09 1 7.69		11.11	0	0.00			0	0		0		٥ د					
JANE STREET CAPITAL,	TAL,																	
LLC(JNST)	31 6.80 29 7.16 2 15.38		0	0.00	0	0.00			0	0		0		0				
G1 Execution Services,																		
LLC(ETMM)		24 5.26	5 24	4 5.93		0.00	0	0.00	0	0.00			0	0		0		0
NASDAQ Execution																		
Services, LLC(NSDQ)		12 2.63	3	0.00	1	7.69	11	40.74	0	0.00			0	0		0		0
Two Sigma Securities,																		
LLC(SOHO)		10 2.19	9 10	0 2.47		0.00		0.00	0	0.00			0	0		0		0
Instinet		1		1								1						
BlockCross(BLKX)		8 1.75	5 (	0.00		0.00	0	0.00	8	72.73	C		0	0		0		0
UBS Securities,		1		1								1						
LLC(UBSS)		8 1.75	5 !	5 1.23		15.38		3.70	0	0.00			0	0		0		0
New York Stock		1		1								1						
Exchange(NYSE)		4 0.88	В (	0.00		0.00	4	14.81	0	0.00			0	0		0		0
Choe EDGX US Equities		1		1								1						
Exchange(EDGX)		2 0.44	4 (	0.00		0.00	2	7.41	0	0.00			0	0		0		) 0

# Non-S&P 500 Stocks Summary

							Non-Marketable		
	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	Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
749	100.00	635	84.78	54	7.21	Ş	7.88	1	0.13

											Net Payment Paid/Received for	Net Payment Paid/Received for Market		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-directed	Non-Directed	Non-Directed			Marketable Limit		Non-Marketable	Non-Marketable			Market		Marketable Limit	Orders(cents per	Non-Marketable		Paid/Received for	Other Orders(cents
Order Flow	Orders	Orders(%)	Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares)	Other Orders(USD)	per hundred shares)
Citadel Securities																		
LLC(CDRG)	371	43.7	336	53.08	24	42.11	10	7.30	1	4.76		0	0		0	0		0 0
VIRTU Americas																		
LLC(NITE)	215	25.3	197	31.12	15	26.32	3	2.19	0	0.00		0	0		0	0		0
NASDAQ Execution																		
Services, LLC(NSDQ)	89	10.5	0	0.00	1	1.75	88	64.23	0	0.00	(	0	0		0	0		0
JANE STREET CAPITAL,																		
LLC(JNST)	58	6.8	52	8.21	5	8.77	1	0.73		0.00		0	0		0	0		0
G1 Execution Services,																		
LLC(ETMM)	33	3.8	25	3.95	8	14.04	0	0.00		0.00		0	0		0	0		0
Choe EDGX US Equities																		
Exchange(EDGX)	24	2.8	1	0.16	1	1.75	22	16.06	0	0.00	(	0	0	(	0 0	0	(	0
Instinet																		
BlockCross(BLKX)	20	2.3	6 0	0.00	0	0.00	0	0.00	20	95.24		0	0		0 0	0		0
UBS Securities,																		
LLC(UBSS)	15	1.7	12	1.90	2	3.51	1	0.73	0	0.00		0	0		0 0	0		0
New York Stock																		
Exchange(NYSE)	12	1.43	0	0.00	0	0.00	12	8.76	0	0.00	(	0	0	(	0 0	0	(	0
Two Sigma Securities,																		
LLC(SOHO)	10	1.1	9	1.42	1	1.75	0	0.00		0.00		0	0		0	0		0

### Option Contracts

- 1								Non-Marketable		
		Non-Directed		Market Orders as %		Marketable Limit		Limit Orders as % of		Other Orders as %
	Total Non-Directed			of Non-Directed	Total Marketable	Orders as % of Non-		Non-Directed		of Non-Directed
	Orders	Orders	Total Market Order	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
ı	91	100	00 31	32.97	9	9.89	52	57.14	0	0.00

ı	e	n	u	es	

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD)	Orders(cents per	Paid/Received for	Marketable Limit Orders(cents per	Paid/Received for	Limit Orders(cents		
Citadel Securities																		
LLC(CDRG)	43	41.35	1	43.33		55.56	25	38.46		0.00		0			0 0			) (
Susquehanna Capital																		
Group(SUSQ)	2:	1 20.19	10	33.33		22.22	9	13.85	0	0.00		0	0		0 0	0	e	) (
Wolverine Execution																		
Services LLC(WEXX)	2:	1 20.19	:	3.33		0.00	20	30.77	0	0.00		0	0		0 0	0	e	) (
Dash Financial																		
Technologies LLC(DASH)	16	5 15.38	!	16.67		11.11	. 10	15.38	0	0.00		0	0		0 0	0	e	
Morgan Stanley &																		
(OD28M)311 vareamo2		1 0		2 22		11 11		0.00		0.00		n			n n			) c

Interactive Brokers															
LLC(IBKR)	1	0.96	0	0.00	0	0.00	1.54	0	0.00	0	0	0		 , 0	, 0

### February 2021

							Non-Marketable		
	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	Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
403	100.00	353	87.59	11	2.73	36	8.93	3	0.74

Venue - Non-directed Order Flow	Non-Directed Orders	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(USD)	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(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	195	43.14	184	52.12	4	33.33	6	7.59	1	12.50	)	0	0		0 0	0		0 0
VIRTU Americas																		
LLC(NITE)	100	22.12	78	22.10	9	41.67	15	18.99		25.00	)	0	0		0 0	0		0 0
JANE STREET CAPITAL,																		
LLC(JNST)	53	11.73	51	14.45		0.00	2	2.53		0.00		0	0		0 0	0		0 0
New York Stock																		
Exchange(NYSE)	35	7.74		0.00		0.00	35	44.30		0.00		0	0		0 0	0		0 0
UBS Securities,																		
LLC(UBSS)	18	3.98	17	4.82	1	8.33	0	0.00	(	0.00		0	0		0 0	0		0 0
NASDAQ Execution																		
Services, LLC(NSDQ)	16	3.54	0	0.00	1	8.33	15	18.99	(	0.00		0	0		0 0	0		0 0
Two Sigma Securities,																		
LLC(SOHO)	13	2.88	13	3.68		0.00	0	0.00		0.00		0	0		0 0	0	(	0
G1 Execution Services,																		
LLC(ETMM)	11	2.43	10	2.83	1	8.33	0	0.00	(	0.00		0	0		0 0	0		0 0
Choe EDGX US Equities																		
Exchange(EDGX)	6	1.33	6	0.00		0.00	6	7.59		0.00		0	0		0 0	0	(	0
Instinet								1										
BlockCross(BLKX)	5	1.11		0.00		0.00	0	0.00		62.50	0	0	0		0 0	0		0 0

									Non-Marketable		
		No	on-Directed		Market Orders as %		Marketable Limit		Limit Orders as % of		Other Orders as %
Total	l Non-Directed	Or	rders as % of All		of Non-Directed	Total Marketable	Orders as % of Non-		Non-Directed		of Non-Directed
Orde	ers	Or	rders	<b>Total Market Orders</b>	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
	84	1	100.00	710	84.42	50	5.95	73	8.68	8	0.95
Venu	ies										

Venue - Non-directed	Non-Directed	Non-Directed			Marketable Limit		Non-Marketable	Non-Marketable			Net Payment Paid/Received for Market	Market	Net Payment Paid/Received for	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(cents
Order Flow	Orders	Orders(%)	Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares)	Other Orders(USD)	per hundred shares)
Citadel Securities LLC(CDRG)	4	406 42.8	364	51.34	28	56.00	8	5.30	6	15.79		0	0		) (	0		0
VIRTU Americas																		
LLC(NITE)		189 19.9	179	25.25	7	14.00	2	1.32		2.63		0	0		) (	0		0
JANE STREET CAPITAL,																		
LLC(JNST)		109 11.50	98	13.82	9	18.00	2	1.32		0.00		0	0		) (	0		0
NASDAQ Execution Services, LLC(NSDQ)		61 64		0.00		0.00	61	40.40		0.00					,			
Instinet					-							-				•		1
BlockCross(BLKX)		30 3.1		0.00	0	0.00	0	0.00	30	78.95		0	0			0		0
Choe EDGX US Equities																		
Exchange(EDGX)		30 3.1	6	0.00	0	0.00	30	19.87		0.00		0	0		) (	0		0
UBS Securities, LLC(UBSS)		29 3.0	25	3.53	4	8.00	0	0.00	(	0.00		0	0		) (	0		0
New York Stock																		
Exchange(NYSE)		27 2.8		0.00	0	0.00	27	17.88		0.00		0	0		0	0		0
Two Sigma Securities,																		
LLC(SOHO)		24 2.5	24	3.39	0	0.00	0	0.00		0.00		0	0		0	0		0
G1 Execution Services, LLC(ETMM)		22 2.3	19	2.68	2	4.00	0	0.00	1	2.63	0	0	0		) (	0		0

								Non-Marketable		
		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
ſ	72	100.00	16	22.22	12	16.67	44	61.11	0	0.00

Vendes																			
Venue - Non-directed	Non-Directed	Non-Directed				Marketable Limit		Non-Marketable	Non-Marketable				Market Orders(cents per	Net Payment Paid/Received for Marketable Limit	Marketable Limit Orders(cents per	Net Payment Paid/Received for Non-Marketable	Limit Orders(cents	Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cents
Order Flow	Orders	Orders(%)		Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)	Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares)	Other Orders(USD)	per hundred shares)
Citadel Securities																			
LLC(CDRG)		33	45.83	6	37.50		58.33	20	45.45	0	0.00		0	0	0	0	0	0	0
Dash Financial																			
Technologies LLC(DASH)		14	19.44	0	0.00		16.67	12	27.27	0	0.00		0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)		12	16.67	8	50.00		3 25.00	1	2.27	0	0.00		0	0	0		0	) (	0
Wolverine Execution Services LLC(WEXX)		9	11 11	0	0.00		0.00		19 19	0	0.00	,		0					
Morgan Stanley &		-			0.00	'	0.00	•	10.10		0.00			0					-
Company LLC(MSCO)		5	6.94	2	12.50		0.00	3	6.82	0	0.00		0	0	0	0	0	) (	0

### March 2021

## S&P 500 Stocks Summary

							Non-Marketable		
	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	Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
354	100.00	308	87.01	12	3 39	34	9.60	0	0.00

Venues																	
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders		n-Marketable nit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit	Orders(cents per	Paid/Received for Non-Marketable	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																	
LLC(CDRG)	1	51 40.7	0 13	51.13	3	66.67	7	7.78	0	0.00	(		0				 0 0
VIRTU Americas																	
LLC(NITE)		73 19.6	8 6	24.81	1 2	16.67	5	5.56	0	0.00	(		0				0 0
JANE STREET CAPITAL,																	
LLC(JNST)		41 11.0	5 3	7 13.91	1 1	8.33	3	3.33	0	0.00	(		0				0 0
NASDAQ Execution																	
Services, LLC(NSDQ)		35 9.4	3	0.00	) (	0.00	35	38.89	0	0.00	(		0				0 0
New York Stock																	
Exchange(NYSE)		32 8.6	3	0.00	) (	0.00	32	35.56	0	0.00	(		0				0 0
UBS Securities,																	
LLC(UBSS)		12 3.2	3 1	4.14	1 1	8.33	0	0.00	0	0.00	(		0				0 0
Two Sigma Securities, LLC(SOHO)		11 2.9	6 1	4.14		0.00	0	0.00	0	0.00			0				0 0
Choe EDGX US Equities																	
Exchange(EDGX)		8 2.1	6	0.00	) (	0.00	8	8.89	0	0.00	(		0				0 0
G1 Execution Services,																	
LLC(ETMM)		5 1.3	5	1.88	3	0.00	0	0.00	0	0.00			0				0 0
Instinet																	
BlockCross(BLKX)	1	3 0.8	1	0.00	0	0.00	0	0.00	3	100.00			0				0 0

## Non-S&P 500 Stocks Summary

							Non-Marketable		
	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	Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
765	400.00	646	00.53		7.22		40.00	,	4 40

Venue - Non-directed Order Flow	Non-Directed Orders	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(USD)	Market Orders(cents per	Net Payment Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)			Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)		292 40.39	25	5 49.2	3 2	0 42.55	16	11.76		4.55		6	(	(	) (	0	(	0
VIRTU Americas																		
LLC(NITE)		165 22.82	1	4 25.8	7 1	6 34.04	8	5.88		31.82	C	0		(	0	0 0		0
JANE STREET CAPITAL,																		
LLC(JNST)		85 11.76	5	7 14.8	5	6 12.77	2	1.47	(	0.00		0			) (	0		0
NASDAQ Execution																		
Services, LLC(NSDQ)		63 8.71		0.00	)	0.00	63	46.32	(	0.00		0			) (	0		0
Two Sigma Securities,																		
LLC(SOHO)		25 3.46	5	3 4.44	1	2 4.26		0.00	(	0.00		0			) (	0		0
New York Stock																		
Exchange(NYSE)		24 3.32		0.00	)	1 2.13	23	16.91		0.00		0			) (	0		0
Choe EDGX US Equities																		
Exchange(EDGX)		22 3.04	1	0.00	)	0.00	22	16.18	(	0.00		0			0	0		0
UBS Securities,																		
LLC(UBSS)		21 2.90	1	9 3.67	7	1 2.13	0	0.00	1	4.55		0			) (	0		0
Instinet																		
BlockCross(BLKX)		13 1.80		0.00	)	0.00		0.00	13	59.09		0			0	0		0
G1 Execution Services,																		
LLC(ETMM)		12 1.66	1	0 1.93	3	1 2.13	1	0.74		0.00					0	0		0

							Non-Marketable		
	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	Total Market Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	Orders	Total Other Orders	Orders
84	100.00	24	28.57	15	17.86	44	52.38	1	1.19

Venues																	
Venue - Non-directed	Non-Directed	Non-Directed			Marketable Limit		Non-Marketable	Non-Marketable			Net Payment Paid/Received for Market	Market	Net Payment Paid/Received for	Net Payment Paid/Received for Non-Marketable	Net Payment Paid/Received for Non-Marketable Limit Orders(cents	Net Payment	Net Payment Paid/Received for Other Orders(cents
Order Flow	Orders	Orders(%)	Market Orders	Market Orders(%)		Marketable Limit Orders(%)	Limit Orders		Other Orders	Other Orders(%)	Orders(USD)				per hundred shares)		
Citadel Securities														 	,	,	
LLC(CDRG)		26 36.1	1 10	0 45.45		33.33	11	29.73	1	100.00	0	0	0	0	0	0	. 0
Wolverine Execution																	
Services LLC(WEXX)		15 20.8	3	0.00	1	8.33	14	37.84	0	0.00	0	0	0	0	0	0	0
Dash Financial																	
Technologies LLC(DASH)		13 18.0	6 :	2 9.09		25.00	8	21.62	0	0.00	0	0	0	0	0	0	. 0
Susquehanna Capital																	
Group(SUSQ)		13 18.0	6 9	9 40.91		25.00	1	2.70	0	0.00		0	0	0	0	0	. 0
Morgan Stanley &				1			· · ·			1				1			1
Company LLC(MSCO)	1	5 6.9	4	1 4.55		8.33	3	8.11	0	0.00	i .	0	0	0	0	0	