PURSHE KAPLAN STERLING - Held NMS Stocks and Options Order Routing Public Report Generated on Tue Apr 12 2022 01:54:28 GMT-4 FDT

1st Quarter 2022

January 2022

S&P 500 Stocks

							Non-Marketable		
	Non-Directed		Market Orders as %		Marketable Limit		Limit Orders as % of		Other Orders as %
Total Non-Directed					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
378	100.00	330	87.30	8	2.12	40	10.58	0	0.00

Venues																		
directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders		Marketable Limit Orders	Marketable Limit Orders(%)		Non-Marketable Limit Orders(%)	Other Orders		Net Payment	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(USD)		Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	169	41.73	154	46.67	4	44.44	11	17.46		0.00		0		0	0	0		0
VIRTU Americas,																		
LLC(NITE)	99	24.44	88	26.67	1	11.11	10	15.87	0	0.00	0	0	0	0	0	0		0
Jane Street Capital,																		
LLC(JNST)	70	17.28	66	20.00	3	33.33	1	1.59	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	17	4.20		0.00	0	0.00	17	26.98		0.00		0			0	0		
G1 Execution Services, LLC(ETMM)	16	3.95		4.24		0.00		3.17		0.00								
New York Stock Exchange(NYSE)	12	2.96		0.00		11.11		17.46		0.00	0	0			0	0		
Choe EDGX US Equities Exchange(EDGX)	10	2.47		0.00		0.00	10	15.87		0.00		0						0
Two Sigma Securities,					-	-						-			-	-		
LLC(SOHO) UBS Securities, LLC(UBSS)	5	0.99	3	0.91	0	0.00		1.59	0	0.00	0	0	0	0	0	0	0	
Instinet BlockCross(BLKX)	3	0.74		0.00	0	0.00	0	0.00	3	100.00	0	0	0	0	0	0	0	0

January 202

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
595	100.00	527	88.57	19	3.19	47	7.90	2	0.34

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	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD	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	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	235	34.56	217	41.18	6	31.58	10	8.40	2	13.33		0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)																		
Jane Street Capital,	161	23.68	155	29.41	4	21.05	2	1.68		0.00		0						
LLC(JNST)	130	19 12	118	22.39		42.11		2.26		0.00								
New York Stock	230	19.11	***	14.33		72.44	,	2.30		0.00	,							
Exchange(NYSE)	43	6.32		0.00	0	0.00	43	36.13		0.00		0			0	0		0
NASDAQ Execution Services, LLC(NSDQ)	3.4	5.00		0.00		0.00	24	28.57		0.00								
G1 Execution		2.00	,	0.00		0.00		20.37		0.00	,							
Services,																		
LLC(ETMM)	29	4.26	28	5.31	1	5.26	0	0.00	0	0.00		0		0	0	0		0
Choe EDGX US		1	l	l			l				1		l			l	l	1
Equities Exchange(EDGX)	20	2.94		0.00	_	0.00		16.81	_	0.00		_		_	_			
Instinet	20	2.94		0.00	0	0.00	20	16.81		0.00	-	0				0		0
BlockCross(BLKX)	13	1.91		0.00		0.00		0.00	13	86.67								0
Two Sigma		-																
Securities,		1	l	l			l				1		l			l	l	1
LLC(SOHO)	6	0.88	- 6	1.14	0	0.00	0	0.00		0.00		0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	4	0.59	3	0.57	0	0.00	1	0.84		0.00						0		

January 2022

Option Contract Summary

	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
86	100.00	38	44.19	3	3.49	4	51.16	1	1.16

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(%)	Other Orders		Net Payment	Market Orders(cents per	Net Payment Paid/Received for Marketable Limit	Orders(cents per	Net Payment Paid/Received for Non-Marketable		Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC(CDRG)	4	0	36.04	16	42.11	1	33.33		31.88		100.00	0	0	0		0	0		0
Susquehanna Capital																			
Group(SUSQ) Wolverine	2	2	19.82	10	26.32	1	33.33	- 11	15.94		0.00	0	0			0			
Execution Services LLC(WEXX)	2	0	18.02	0	0.00	0	0.00	20	28.99	0	0.00	0	0	0	0	0	0	c	0
Dash Financial Technologies LLC(DASH)			14 41		15.79		0.00	40	14.49		0.00								
Morgan Stanley & Company		•	19.91		15.79	0	0.00	10	14.49		0.00					0		٠	
LLC(MSCO) Interactive Brokers	1	1	9.91	6	15.79	0	0.00		7.25	0	0.00	0	0	0	0	0	0	0	0
LLC(IBKR)		2	1.80	0	0.00	1	33.33	1	1.45	0	0.00	0	0	0	0	0	0	0	0

February 2022

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
Orders 311	Orders 100.00	Total Market Orders 257	Orders 82.64	Limit Orders 29	Directed Orders 9.32	Total Non-Marketable Limit Orders 24	Orders 7.72		Orders 0.32

Venues																		
Venue - Non- directed Order Flow		Non-Directed Orders(%)	Market Orders	Market Orders(%)	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	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	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	138	40.71	114	44.36	11	37.93	13	25.00		0.00		0	0	0		0		0
VIRTU Americas,																		
LLC(NITE)	75	22.12	66	25.68	7	24.14	1	1.92	1	100.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	56	16.52	45	19.07	7	24.14	0	0.00	0	0.00	0		0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	28	8.26		0.00	0	0.00	28	53.85	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	27	7.96	25	9.73	2	690		0.00		0.00						0		
Choe EDGX US					_				_					_		_	_	
Equities Exchange(EDGX)	7	2.06		0.00	0	0.00	7	13.46	0	0.00	0		0	0	0	0	0	0
UBS Securities, LLC(UBSS)	l .	1.18		0.39		6.90	l -	1.92		0.00	l -							
New York Stock	-	1.10		0.39		6.90	· ·	1.92		0.00						U		
Exchange(NYSE)	2	0.59		0.00	0	0.00	2	3.85	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLCISOHO)		0.59		0.78		0.00		0.00		0.00								

February 2023

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
578	100.00	486	84.08	43	7,44	42	7.27	7	1.21

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	Non-Directed	Non-Directed			Marketable Limit			Non-Marketable			Net Payment Paid/Received for	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
directed Order Flow	Orders	Orders(%)	Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)	Market Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares)	Other Orders(USD)	per hundred shares)
Citadel Securities																		
LLC(CDRG)	223	34.05	196	40.33	19	44.19	4	3.48	- 4	36.36	0	0	0	0	0	0		0
VIRTU Americas,																		
LLC(NITE)	171	26.11	157	32.30	14	32.56	0	0.00	0	0.00	0			0	0	0		0
Jane Street Capital,																		
LLC(INST)	101	15.42	91	18.72	9	20.93	1	0.87	0	0.00	0	0	0	0	0	0		0
NASDAQ Execution Services, LLC(NSDO)	38	5.80		0.00	0	0.00	38	33.04	0	0.00		0						
G1 Execution					-	-												
Services.																		
LLC(ETMM)	33	5.04	29	5.97	1	2.33	3	2.61	0	0.00	0	0	0	0	0	0		0
Choe EDGX US																		
Equities																		
Exchange(EDGX)	27	4.12	0	0.00	0	0.00	27	23.48	0	0.00	0	0	0	0	0	0		0
New York Stock																		
Exchange(NYSE)	21	3.21	0	0.00	0	0.00	21	18.26		0.00	0	0		0	0	0		0
NYSE																		
American(AMEX)	16	2.44	0	0.00	0	0.00	16	13.91		0.00	0	0		0	0	0		0
UBS Securities,																		
LLC(UBSS)	9	1.37	5	1.03	0	0.00	1	0.87	3	27.27	0	0	0	0	0			0
Two Sigma Securities, LLC(SOHO)		1.22		1.65		0.00		0.00		0.00								

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

directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders		Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders		Net Payment	Orders(cents per	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 per hundred shares)		
Citadel Securities																		
LLC(CDRG)	48	8 61.5	4 10	76.92	2	100.00	35	56.45	1	100.00	0	0	0	0	0	0		0
Wolverine Execution Services LLC(WEXX)	10	12.8	2 0	0.00	0	0.00	10	16.13	0	0.00	0	0	0	0	0	0	٥	
Susquehanna Capital Group(SUSQ)		9 11.5	4	15.38	0	0.00	,	11.29		0.00	0							
Dash Financial Technologies LLC(DASH)		10.2		7.69		0.00	7	11.29		0.00	0	0			0			
Morgan Stanley & Company LLC(MSCO)	3	2 2.5	6 0	0.00	0	0.00	2	3.23	0	0.00	0	0	0	0	0	0	c	0
Interactive Brokers LLC(IBKR)	1	1 1.2	8 0	0.00	0	0.00	1	1.61	0	0.00	0	0	0	0	0	0	0	0

March 2022 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
447	100.00	414	92.62	15	3.36	17	3.80	1	0.22

Venues																		
Venue - Non- directed Order Flow		Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	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(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	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	172	36.06	164	39.71	6	40.00	2	4.44	0	0.00	-	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	110	23.06	102	24.70	3	20.00	4	8.89	1	25.00		0	0	0	0	0	0	0
Jane Street Capital,																		
LLC(JNST)	106	22.22	102	24.70	3	20.00		2.22	0	0.00		0		0		0		0
G1 Execution Services.																		
LLC(ETMM)	39	8.18	37	8.96	2	13.33	0	0.00	0	0.00				0				0
New York Stock																		
Exchange(NYSE)	17	3.56	0	0.00	0	0.00	17	37.78	0	0.00		0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	11	2.31	0	0.00	0	0.00	11	24.44	0	0.00		0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)		1.68		0.00		0.00		17.78	0	0.00								
UBS Securities, LLC(UBSS)	5	1.05		1.21	0	0.00		0.00	0	0.00		0				0		0
Two Sigma Securities, LLC(SOHO)	4	0.84	3	0.73	1	6.67	0	0.00		0.00		0				0		0
Instinet BlockCross(BLKX)	3	0.63		0.00	0	0.00	0	0.00	3	75.00		0				0		

Non-S&P 500 Stocks Summary

1								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
	788	100.00	727	92.26	25	3.17	30	3.81	6	0.76

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	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD)	Market Orders(cents per	Paid/Received for Marketable Limit	Marketable Limit Orders(cents per	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)		Net Payment Paid/Received for	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities						•												
LLC(CDRG)	299	34.97	282	38.79	8	32.00	6	8.22	3	10.00	0	0	0	0	0	0	0	. 0
VIRTU Americas,																		
LLC(NITE)	193	22.57	187	25.72	4	16.00		0.00	2	6.67		0	0	0		0	0	0
Jane Street Capital,																		
LLC(INST)	161	18.83	154	21.18	7	28.00	0	0.00	0	0.00	0	0	0	0	0	0	0	. 0
G1 Execution																		
Services, LLC(ETMM)	0.4	10.99			_	20.00			_	0.00	_	_	_	_	_		_	
New York Stock	94	10.99	86	11.83	5	20.00	3	4.11		0.00		0		0				. 0
Exchange(NYSE)	20	4 44		0.00		4.00	27	50.68		0.00								
Instinet	30	4.44		0.00	-	4.00	3,	30.00		0.00						·		
BlockCross(BLKX)	24	2.81		0.00	0	0.00		0.00	24	80.00		0	0	0		0	0) 0
Choe EDGX US									-			-	-				-	1
Equities																		
Exchange(EDGX)	13	1.52		0.00	0	0.00	13	17.81	0	0.00		0	0	0		0	0	0
Two Sigma	1	l	1	l	1		l	1		l	l	1	1	1	l	l	1	1
Securities,																		
LLC(SOHO)	10	1.17	10	1.38	0	0.00		0.00	0	0.00		0	0	0		0	0	0
UBS Securities, LLC(UBSS)	_		_		_	0.00	_			3 33	_	_	_	_	_		_	
Members	9	1.05		1.10	0	0.00		0.00	- 1	3.33		0		0		0		+ 0
Exchange(MEMX)	1 .	0.94		0.00		0.00		10.96		0.00								
Exchange(MEMX)	3	0.94		0.00		0.00	8	10.96	B	0.00				0		9 0		4 0

Venues																			
	Non-Directed		frected	Market Orders		Marketable Limit	Marketable Limit Orders(%)		Non-Marketable			Net Payment Paid/Received for	Market Orders(cents per	Net Payment Paid/Received for Marketable Limit	Orders(cents per	Paid/Received for Non-Marketable	Limit Orders(cents	Net Payment Paid/Received for	
directed Order Flow	Orders	Orden	1(%)	Market Orders	Market Orders(%)	Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders(%)	Other Orders	Other Orders(%)	Market Orders(USD)	hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares)	Other Orders(USD)	per hundred shares)
Citadel Securities																			
LLC(CDRG)		6	37.68	10	40.00	1	25.00	15	37.50	0	0.00	0	0	0	0		0		J 0
Susquehanna																			
Capital																			
Group(SUSQ)	1	6	23.19	11	44.00	2	50.00		7.50	0	0.00	0	0	0	0	0	0		ه د
Wolverine																			
Execution Services																			
LLC(WEXX)	1	2	17.39		0.00	0	0.00	12	30.00		0.00	0	0				0		3 0
Dash Financial																			
Technologies																			
LLC(DASH)	1	1	15.94	,	8.00	0	0.00		22.50	0	0.00		0	0			0		a 0

Morgan Stanley &															
Company LLC(MSCO)															
LLC(MSCO)	4	5.80	2	8.00	1	25.00	 2.50	0	0.00	0	0	0	0	 0	 0