ARETE WEALTH MANAGEMENT - Held NMS Stocks and Options Order Routing Public Report Generated on Fri Apr 07 2023 08:57:57 GMT-4 EDT

1st Quarter, 2023

January 2023

S&P 500 Stocks

Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
928	100.00	734	79.09	38	4.09	151	16.27	5	0.54

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			Net Payment Paid/Received for Other
		Gracis(70)			Glucis		Olucis .	Olders(m)				Market Orders(cents					Other Orders(USD)	
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		4
Citadel Securities LLC(CDRG)	290	28.86	248	33.79	11	28.95	29	12.78	2	33.33	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	250	24.88	216	29.43	11	28.95	20	8.81	3	50.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	212	21.09	186	25.34	9	23.68	17	7.49	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	89	8.86	73	9.95	6	15.79	10	4.41	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	50	4.98	0	0.00	0	0.00	50	22.03	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	40	3.98	0	0.00	0	0.00	40	17.62	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	37	3.68	0	0.00	0	0.00	37	16.30	0	0.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	23	2.29	0	0.00	0	0.00	23	10.13	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial INC.(INTL)	8	0.80	7	0.95	0	0.00	1	0.44	0	0.00	0	0	0	0	0	0	0	0
LIRS Securities 11 C(LIRSS)	3	0.30	2	0.27	1	2.63	0	0.00	0	0.00	0	n	0	0	0	n	n	0

January 2023

Non-S&P 500 Stocks

Summary									
Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
1 601	100.00	1 266	70.08	93	5.19	238	14 97	14	0.87

Venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit	Non-Marketable Limit	Other Orders	Other Orders(%)	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
		Orders(%)			Orders		Orders	Orders(%)			Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for Non-			
											Market Orders(USD)	Market Orders(cents	Marketable Limit	Marketable Limit	Marketable Limit	Marketable Limit	Other Orders(USD)	Orders(cents per
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		
Citadel Securities LLC(CDRG)	510	28.86	467	36.89	25	28.41		3.44	6	9.38	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	376	21.28	333	26.30	26	29.55	9	2.58	8	12.50	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	357	20.20	320	25.28	25	28.41	12	3.44	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	133	7.53	0	0.00	0	0.00	133	38.11	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	128	7.24	115	9.08	8	9.09	5	1.43	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	110	6.23	0	0.00	1	1.14	109	31.23	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	50	2.83	0	0.00	0	0.00	0	0.00	50	78.13	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	36	2.04	0	0.00	0	0.00	36	10.32	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	21	1.19	0	0.00	1	1.14	20	5.73	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	16	0.91	14	1.11	1	1.14	1	0.29	0	0.00	0	0	0	0	0	0	0	0

January 2023

Option Contracts

Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
004	100.00	404	20.05	0	0.00	450	C7 47	4	0.00

Other Orders(%) Net Payment Ne Orders(%) Orders Orders(%) Citadel Securities LLC(CDRG) 158
Wolverine Execution Services LLC(WEXX) 101
Dash Financial Technologies LLC(DASH) 67
Susquehanna Capital Group(SUSQ) 36 105 99 57 41.15 26.30 17.45 9.38 5.73 49.04 1.92 40.00 0.00 38.18 36.00 20.73 0.36 4.73 0.00 0.00 0.00 0.00 0.00 Dash Financial Technologies LLC(DASH)
Susquehanna Capital Group(SUSQ)
Morgan Stanley & Company LLC(MSCO) 8.65 31.73 8.65 20.00 40.00 0.00

February 2023

S&P 500 Stocks

3	ummary									
1	otal Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
		as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
						Directed Orders		Directed Orders		
5	961	100.00	796	82.83	29	3.02	126	13.11	10	1.04

venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit	Non-Marketable Limit	Other Orders	Other Orders(%)	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
		Orders(%)			Orders		Orders	Orders(%)			Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for Non-	Paid/Received for Non-	Paid/Received for	Paid/Received for Othe
											Market Orders(USD)	Market Orders(cents	Marketable Limit	Marketable Limit	Marketable Limit	Marketable Limit	Other Orders(USD)	Orders(cents per
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		
Citadel Securities LLC(CDRG)	374	32.13	325	38.15	13	39.39	31	11.52	5	50.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	258	22.16	222	26.06	13	39.39	20	7.43	3	30.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	234	20.10	216	25.35	5	15.15	12	4.46	1	10.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	82	7.04	0	0.00	1	3.03	81	30.11	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	75	6.44	68	7.98	1	3.03	6	2.23	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	66	5.67	0	0.00	0	0.00	66	24.54	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	45	3.87	0	0.00	0	0.00	45	16.73	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	11	0.95	11	1.29	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial INC.(INTL)	7	0.60	7	0.82	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	7	0.60	0	0.00	0	0.00	7	2.60	0	0.00	0	0	0	0	0	0	0	0

February 2023

Non-S&P 500 Stocks

Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
1,584	100.00	1,312	82.83	64	4.04	201	12.69	7	0.44

Venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit	Non-Marketable Limit	Other Orders	Other Orders(%)	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
		Orders(%)			Orders		Orders	Orders(%)			Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for Non-	Paid/Received for Non-	Paid/Received for	Paid/Received for Othe
											Market Orders(USD)	Market Orders(cents	Marketable Limit	Marketable Limit	Marketable Limit	Marketable Limit	Other Orders(USD)	Orders(cents per
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		
Citadel Securities LLC(CDRG)	551	28.23	508	37.38	28	40.58	12	2.52	3	6.38	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	384	19.67	356	26.20	17	24.64	8	1.68	3	6.38	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	359	18.39	338	24.87	12	17.39	9	1.89	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	152	7.79	0	0.00	3	4.35	149	31.24	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	132	6.76	122	8.98	3	4.35	7	1.47	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	132	6.76	0	0.00	1	1.45	131	27.46	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	102	5.23	0	0.00	0	0.00	102	21.38	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	40	2.05	0	0.00	0	0.00	0	0.00	40	85.11	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	32	1.64	0	0.00	0	0.00	32	6.71	0	0.00	0	0	0	0	0	0	0	0
NYSF Arca(ARCA)	25	1 28	0	0.00	0	0.00	25	5 24	0	0.00	0	0	0	0	0	0	0	0

February 2023

Option Contracts

Summary
Total Non-Directed Orders Non-Directed Orders as % of All Orders as % of Non-Directed Orders as % of S4ll Orders as % of All Orders as % of Non-Directed Orders as % of 512

Venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit	Non-Marketable Limit	Other Orders	Other Orders(%)	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
		Orders(%)			Orders		Orders	Orders(%)			Paid/Received for					Paid/Received for Non-	Paid/Received for	Paid/Received for Other
											Market Orders(USD)	Market Orders(cents	Marketable Limit	Marketable Limit	Marketable Limit	Marketable Limit	Other Orders(USD)	Orders(cents per
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		4
Citadel Securities LLC(CDRG)	255	37.44	125	45.13	6	66.67	124	31.39	0	0.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	167	24.52	10	3.61	0	0.00	157	39.75	0	0.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	132	19.38	39	14.08	0	0.00	93	23.54	0	0.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	95	13.95	89	32.13	3	33.33	3	0.76	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	32	4.70	14	5.05	0	0.00	18	4.56	0	0.00	0	0	0	0	0	0	0	0

March 2023

S&P 500 Stocks

Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
847	100.00	649	76.62	42	4.96	148	17.47	8	0.94

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		Paid/Received for		Paid/Received for		Paid/Received for Non-	Paid/Received for Non-		Net Payment Paid/Received for Other
												per hundred shares)		Orders(cents per hundred shares)		Orders(cents per hundred shares)	Other Orders(03D)	hundred shares)
Citadel Securities LLC(CDRG)	303	31.27	247	38.06	12	28.57	42	16.60	2	8.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	217	22.39	181	27.89	12	28.57	20	7.91	4	16.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	173	17.85	143	22.03	11	26.19	19	7.51	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	70	7.22	61	9.40	4	9.52	5	1.98	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	65	6.71	0	0.00	1	2.38	64	25.30	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	50	5.16	0	0.00	0	0.00	50	19.76	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	37	3.82	0	0.00	0	0.00	37	14.62	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	17	1.75	0	0.00	0	0.00	0	0.00	17	68.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	15	1.55	0	0.00	0	0.00	15	5.93	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	12	1.24	8	1.23	2	4.76	1	0.40	1	4.00	0	0	0	0	0	0	0	0

March 2023

Non-S&P 500 Stocks Summary

Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
1,529	100.00	1,258	82.28	77	5.04	152	9.94	42	2.75

Venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit	Non-Marketable Limit	Other Orders	Other Orders(%)	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
		Orders(%)			Orders		Orders	Orders(%)			Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for Non-	Paid/Received for Non-	Paid/Received for	Paid/Received for Other
											Market Orders(USD)	Market Orders(cents	Marketable Limit	Marketable Limit	Marketable Limit	Marketable Limit	Other Orders(USD)	Orders(cents per
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		
Citadel Securities LLC(CDRG)	558	29.82	483	38.52	31	39.24		4.26	25	27.17	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	386	20.63	342	27.27	17	21.52	11	2.47	16	17.39	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	319	17.05	288	22.97	17	21.52	14	3.14	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	147	7.86	0	0.00	0	0.00		32.96	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	134	7.16	0	0.00	1	1.27	133	29.82	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	127	6.79	111	8.85	7	8.86	9	2.02	0	0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities Exchange(EDGX)	62	3.31	0	0.00	0	0.00	62	13.90	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	52	2.78	0	0.00	2	2.53	0	0.00	50	54.35	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	22	1.18	20	1.59	2	2.53	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX)	21	1.12	0	0.00	0	0.00	21	4.71	0	0.00	0	0	0	0	0	0	0	0

March 2023

Option Contracts

Summary									
Total Non-Directed Orders	Non-Directed Orders	Total Market Orders	Market Orders as % of	Total Marketable Limit	Marketable Limit	Total Non-Marketable Limit Orders	Non-Marketable Limit	Total Other Orders	Other Orders as % of
	as % of All Orders		Non-Directed Orders	Orders	Orders as % of Non-		Orders as % of Non-		Non-Directed Orders
					Directed Orders		Directed Orders		
E40	100.00	240	44.20	17	2 14	205	E2 E0	0	0.00

Venues																		
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed	Market Orders	Market Orders(%)	Marketable Limit	Marketable Limit Orders(%)	Non-Marketable Limit	Non-Marketable Limit	Other Orders	Other Orders(%)	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment	Net Payment
		Orders(%)			Orders		Orders	Orders(%)			Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for	Paid/Received for Non-	Paid/Received for Non-	Paid/Received for	Paid/Received for Othe
											Market Orders(USD)	Market Orders(cents	Marketable Limit	Marketable Limit	Marketable Limit	Marketable Limit	Other Orders(USD)	Orders(cents per
												per hundred shares)	Orders(USD)	Orders(cents per	Orders(USD)	Orders(cents per		hundred shares)
														hundred shares)		hundred shares)		4
Citadel Securities LLC(CDRG)	304	42.46	118	50.21	6	40.00	180	38.63	0	0.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	162	22.63	6	2.55	2	13.33	154	33.05	0	0.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	130	18.16	31	13.19	4	26.67	95	20.39	0	0.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	90	12.57	71	30.21	3	20.00	16	3.43	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	30	4.19	9	3.83	0	0.00	21	4.51	0	0.00	0	0	0	0	0	0	0	0