G.A. REPPLE & COMPANY - Held NMS Stocks and Options Order Routing Public Report Generated on Fri Jan 10 2025 09:45:24 GMT-5 EST

4th Quarter, 2024

S&P 500 Stocks Summary

| Non-Marketable | Limit Orders as % | Other Orders as % | of Non-Directed | Orders | Total Other Orders | Order |
| 0.23 | 0 | 0.00 | Market Orders as Variable Limit | Market Drders | Orders as Variable Limit | Orders | Orders as Variable Limit | Orders | O

Venues

Venue - Non- Non-Directed directed Order Flow Orders	Non-Directe Orders(%)	d Market Orders	Market Or	Marketable Lin	sit Marketable Limit Orders(%)	Non-Marketable Limit Orders	e Non-Market Limit Orders		Other Orders	Net Payment Paid/Received for Market s(%) Orders(USD)	Market Orders(	Net Payment r Paid/Received for cents Marketable Limit res) Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable	Limit Orders(ce			nts
Citadel Securities LLC(CDRG) G1 Execution Services, LLC(ETMM)	131	30.61	130	30.59	0	0.00	1	50.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	86	20.09	86	20.24	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE) Two Sigma Securities,	82	19.16	82	19.29	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
LLC(SOHO) StoneX Financial INC.(INTL)	8	2.10 1.87	8	2.12 1.88	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
HRT FINANCIAL LP(HRTF) UBS Securities, LLC(UBSS)	7	1.64	7	1.65	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	2	0.47	0	0.00		100.00	1	50.00	0	0.00	0	0	0	0	0	0	0	0

October 2024

Non-S&P 500 Stocks Summary

Non-Marketable Limit Orders as % of Non-Directed Orders Total Other Orders Orders 5 0.81 1 0.16 | Market Orders as % of All | Total Market Orders as % of All | Total Market Orders as % of All | Total Market Orders | Orders |

Venue - Non- Non-Directed directed Order Flow Orders	Non-Directo Orders(%)	ed Market Order	s Market Or	Marketable Lin ders(%) Orders	iit Marketable Limit Orders(%)		Non-Marketable Limit Orders	Non-Marketab Limit Orders(%		Other Orders	Net Payment Paid/Received for Market (%) Orders(USD)		ents Marketable Limit	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable	Limit Orders(cer	Net Payment ts Paid/Received for	Net Payment Paid/Received for Other Orders(cen	nts
Citadel Securities LLC(CDRG) G1 Execution Services,	185	28.86	184	30.31	1	16.67	,	0	0.00	0	0.00	0	0	0	0	0	0	0	0
LLC(ETMM)	148	23.09	147	24.22	1	16.67	,	0	0.00	0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	133	20.75	129	21.25	2	33.33	ı	1	3.70	1	100.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST) New York Stock	122	19.03	120	19.77	2	33.33		0	0.00	0	0.00	0	0	0	0	0	0	0	0
Exchange(NYSE) Two Sigma Securities.	18	2.81	0	0.00	0	0.00	)	18	66.67	0	0.00	0	0	0	0	0	0	0	0
LLC(SOHO) StoneX Financial	8	1.25	8	1.32	0	0.00	)	0	0.00	0	0.00	0	0	0	0	0	0	0	0
INC.(INTL)	7	1.09	7	1.15	0	0.00	)	0	0.00	0	0.00	0	0	0	0	0	0	0	0
HRT FINANCIAL LP(HRTF)	6	0.94	6	0.99	0	0.00	)	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Members Exchange(MEMX) UBS Securities,	4	0.62	0	0.00	0	0.00	)	4	14.81	0	0.00	0	0	0	0	0	0	0	0
LLC(UBSS)	4	0.62	4	0.66	0	0.00	)	0	0.00	0	0.00	0	0	0	0	0	0	0	0

October 2024

Option Contracts Summary

Total Non-Directed Orders as % of All Total Market Orders Orders Orders Orders 0

Non-Marketable Non-Marketable
Limit Orders as % Other Orders
of Non-Directed
Orders Total Other Orders
0 0.00 0 0

Non-Directed Orders(%) directed Order Flow Orders

Marketable Limit
O-dovs Marketable Limit Orders(%) Market Orders Market Orders(%) Orders

Non-Marketable Non-Marketable Limit Orders Limit Orders (%) Other Orders Other Orders(%) Orders(USD)

Net Payment

Net Payment

Net Payment

Net Payment

Net Payment | Net Payment | Net Payment | Paid/Received for | Paid

November 2024

S&P 500 Stocks

Summary

| Total Non-Directed | Orders as % of All | Total Market | Orders | Orders | Orders | Orders | Orders | 338 |

Non-Marketable
Limit Orders as % Other Orders as 7% of Non-Directed
Orders Total Other Orders Orders
2 0.59 0 0

Venues

Venue - Non- Non-Directed directed Order Flow Orders	Non-Directe Orders(%)	d Market Orders	s Market Ord	Marketable Limi lers(%) Orders	t Marketable Limit Orders(%)	Non-Marketab Limit Orders	de Non-Marketa Limit Orders		Other Orders(%)	Net Payment Paid/Received for Market Orders(USD)		Net Payment Paid/Received for ents Marketable Limit es) Orders(USD)	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable	Paid/Received for Non-Marketable Limit Orders(cents) per hundred shares		Net Payment Paid/Received for Other Orders(cent per hundred share	
Citadel Securities LLC(CDRG) G1 Execution Services,	133	38.66	133	39.35	0	0.00	0	0.00	0 0	0.00	0	0	0	0	0	0	0	0
LLC(ETMM)	79	22.97	79	23.37	0	0.00	0	0.00	0 0	0.00	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	61	17.73	60	17.75	0	0.00	1	16.67	0 0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital, LLC(JNST)	47	13.66	47	13.91	0	0.00	0	0.00	0 0	0.00	0	0	0	0	0	0	0	0
HRT FINANCIAL LP(HRTF) StoneX Financial	10	2.91	10	2.96	0	0.00	0	0.00	0 0	0.00	0	0	0	0	0	0	0	0
INC.(INTL)	4	1.16	4	1.18	0	0.00	0	0.00	0 0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ) Two Sigma	4	1.16	0	0.00	0	0.00	4	66.67	0 0	0.00	0	0	0	0	0	0	0	0
Securities, LLC(SOHO) UBS Securities, LLC(UBSS)	3	0.87	3	0.89	0	0.00	0	0.00		0.00	0	0	0	0	0	0	0	0
Choe EDGX US Equities	2	0.38	2	0.39	U	0.00	U	0.00	0 0		Ü	0	U	·	U	o O	U	U

November 2024

Non-S&P 500 Stocks

Summary

	Non-Directed		Market Orders as %		Marketable Limit	
Total Non-Directed	Orders as % of All	Total Market	of Non-Directed	Total Marketable	Orders as % of Non	
Orders	Orders	Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders
2,002	100.00	1,988	99.30	13	0.65	

Non-Marketable Limit Orders as % of Non-Directed Orders

% Other Orders as % of Non-Directed
Total Other Orders Orders

Venues

Venue - Non- Non-Directed directed Order Flow Orders	Non-Directed Orders(%)	Market Orders	s Market Orde	Marketable Limiters(%) Orders	t Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketal Limit Orders(		Other Orders(%	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(co per hundred shar	ents Marketable Limit	Paid/Received for Marketable Limit Orders(cents per hundred shares)	Paid/Received for	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)	757	37.68	756	37.89	1	7.69	0	0.00	0 0	1.00	0	0	0	0 (	) (	,	D	0
VIRTU Americas, LLC(NITE) G1 Execution	395	19.66	394	19.75	1	7.69	0	0.00	0 0	1.00	0	0	0	0 (	) (	,	0	0
Services, LLC(ETMM)	359	17.87	358	17.94	1	7.69	0	0.00	0 0	1.00	0	0	0	0	) (	,	0	0
Jane Street Capital, LLC(JNST)	356	17.72	350	17.54	5	38.46	1	00.00	0 0	1.00	0	0	0	0 (	) (	,	0	0
HRT FINANCIAL LP(HRTF)	53	2.64	53	2.66	0	0.00	0	0.00	0 0	1.00	0	0	0	) (	) (	,	0	0

Two Sigma Securities,																		
LLC(SOHO) StoneX Financial	38	1.89		1.75	3	23.08		.00		0.00	0	0	0	0	0	0		0
INC.(INTL) UBS Securities,	21	1.05	21	1.05	0	0.00	0 (	.00	0	0.00	0	0	0	0	0	0	0	0
LLC(UBSS)	21	1.05	21	1.05	0	0.00	0 (	.00	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	7	0.35	7	0.35	0	0.00	0 (	.00	0	0.00	0	0	0	0	0	0	0	0
NYSE Arca(ARCA)	1	0.05		0.00	1	7.69		.00		0.00	0	0	0	0	0	0	0	0
November 2024																		
Option Contracts Summary																		
Non-Directe	1	Market Orders	as %	Marketable Limit		Non-Marketable Limit Orders as	V <sub>6</sub>	Other Orders as	%									
Total Non-Directed Orders as % Orders Orders	Orders	Orders	Limit Orders	Directed Orders	Total Non-Marketable Limit Orders	of Non-Directed Orders	Total Other Ord											
0	0.00	0	0.00	0 0.	00	0 0	.00	0 0	.00									
Venues																		
													Net Payment		Net Payment			
										Net Payment Paid/Received for		Net Payment Paid/Received for		Paid/Received for			Net Payment Paid/Received for	
Venue - Non- Non-Directe directed Order Flow Orders	d Non-Directe Orders(%)	d Market Orders	Market Orders(	Marketable Limit %) Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%	Market  Orders(USD)	Market Orders(co per hundred shar	ents Marketable Limit es) Orders(USD)	Orders(cents per hundred shares)	Non-Marketable Limit Orders(USI	Limit Orders(cent D) per hundred share	s Paid/Received for s) Other Orders(USI	Other Orders(cents D) per hundred shares	)
December 2024																		
S&P 500 Stocks Summary																		
Non-Directe Total Non-Directed Orders as %		Market Orders	as %  I Total Marketabl	Marketable Limit		Non-Marketable Limit Orders as of Non-Directed	V <sub>6</sub>	Other Orders as of Non-Directed	%									
Orders Orders 367	Orders	Orders	Limit Orders	Directed Orders  0 0.	Total Non-Marketable Limit Orders	Orders	Total Other Ord	ers Orders	.00									
	100.00	307 10	0.00	0 0.	00	0	.00	0 0	.00									
Venues																		
											Net Payment		Net Payment Paid/Received for	Net Payment	Net Payment		Net Payment	
Venue - Non- Non-Directe	1 Non-Directe	d		Marketable Limit		Non-Marketable	Non-Marketable			Net Payment Paid/Received for Market	Paid/Received for	Net Payment Paid/Received for onts Marketable Limit	Marketable Limit	Paid/Received for	Paid/Received for Non-Marketable Limit Orders(cent	Net Payment s Paid/Received for	Paid/Received for	
Venue - Non- Non-Directe directed Order Flow Orders	d Non-Directe Orders(%)	d Market Orders	Market Orders(	Marketable Limit %) Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders(%)	Other Orders	Other Orders(%	Paid/Received for Market	Paid/Received for	Paid/Received for ents Marketable Limit	Marketable Limit	Paid/Received for Non-Marketable	Non-Marketable Limit Orders(cent	s Paid/Received for	Paid/Received for	
Venue - Non- Non-Directe directed Order Flow Orders Citadel Securities LLC(CDRG)	d Non-Directe Orders(%)			Marketable Limit %) Orders 9.51	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Limit Orders(%)	Other Orders		Paid/Received for Market	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable	Non-Marketable Limit Orders(cent	s Paid/Received for	Paid/Received for Other Orders(cents D) per hundred shares	
directed Order Flow Orders  Citadel Securities  LLC(CDRG)  VIRTU Americas,	Orders(%)	Market Orders 39.51	145 3	%) Orders	,	Limit Orders	Limit Orders(%)	.00	0	Paid/Received for Market (b) Orders(USD)	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI	Non-Marketable Limit Orders(cent	s Paid/Received for es) Other Orders(USI	Paid/Received for Other Orders(cents D) per hundred shares	0
directed Order Flow Orders Citadel Securities LL.C(CDRG) VIRTU Americas, LL.C(NITE)	Orders(%)	Market Orders	145 3	%) Orders	,	Limit Orders	Limit Orders(%)		0	Paid/Received for Market Orders(USD)	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI	Non-Marketable Limit Orders(cent	s Paid/Received for es) Other Orders(USI	Paid/Received for Other Orders(cents D) per hundred shares	0
directed Order Flow Orders  Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(NTE)  Jane Street Capital, LLC(JNST)	Orders(%)	Market Orders 39.51	145 3 70 1	%) Orders	0	Limit Orders	Limit Orders(%)	.00	0	Paid/Received for Market (5) Orders(USD)	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI	Non-Marketable Limit Orders(cent	s Paid/Received for es) Other Orders(USI	Paid/Received for Other Orders(cents D) per hundred shares	0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jane Street Capital, LLC(JNST) GI Execution	Orders(%)  145  70  67	Market Orders 39.51 19.07	145 3 70 1 67 1	9.51 9.07	0	Limit Orders  0.00  0.00  0.00	Limit Orders(%)  0 (  0 (  0 (	.00	0 0	Paid/Received for Market Orders(USD)  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0	Paid/Received for Other Orders(cents DD) per hundred shares	0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NITE) Jane Street Capital, LLC(NST) GI Execution Services, LLC(ETMM)	Orders(%)  145  70	Market Orders 39.51 19.07	145 3 70 1 67 1	%) Orders  9.51  9.07	0	Limit Orders 0.00 0.00	Limit Orders(%)  0 (  0 (  0 (	.00	0 0	Paid/Received for Market b) Orders(USD)	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0	Paid/Received for Other Orders(cents DD) per hundred shares	0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jane Street Capital, LLC(NST) GI Execution Services, LLC(ETMM) HRT FINANCIAL LP(HRTF)	Orders(%)  145  70  67	Market Orders 39.51 19.07	145 3 70 1 67 1 62 1	9.51 9.07	0	Limit Orders  0.00  0.00  0.00	Limit Orders(%)  0 (  0 (  0 (  0 (  0 (  0 (  0 (  0	.00	0 0	Paid/Received for Market Orders(USD)  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for ents Marketable Limit	Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0	Paid/Received for Other Orders(cents DD) per hundred shares	0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jane Street Capital, LLC(NST) GI Execution Services, LLC(ETMM) HRT FINANCIAL LP(HRTF) Two Sigma Securities,	Orders(%)  145  70  67  62	Market Orders 39.51 19.07 18.26 16.89 3.00	145 3 70 1 67 1 62 1 11	9.51 9.57 9.8.26 6.89	0 0 0	Limit Orders 0.00 0.00 0.00 0.00	Limit Orders(%)  0		0 0 0	Paid/Received for Market Orders(USD)  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for roth Marketable Limit es) Orders(USD) 0 0	Marketable Limit Orders(seets) per hundred shares)  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CNRG) VIRTU Americas, LLC(NITE) Jane Street Capital, LLC(NST) GI Execution Services, LLC(ETMM) HRT FINANCIAL LP(HRTP) Two Sigma Securities, LLC(SOHO) Stoncx Financial	Orders(%)  145  70  67  62  11	Market Orders 39:51 19:07 18:26 16:89 3:00 3:00	145 3 70 1 67 1 62 1	9.51 9.07 8.26 6.89	0 0 0 0	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00	Limit Orders(%)  0	.00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(INTE) Jano Struct Capital, LLC(LDNST) GI Execution Services, LLC(ETMM)  HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SOHO)	Orders(%)  145  70  67  62	Market Orders 39.51 19.07 18.26 16.89 3.00	145 3 70 1 67 1 62 1	9.51 9.57 9.8.26 6.89	0 0 0	Limit Orders 0.00 0.00 0.00 0.00	Limit Orders(%)  0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received for Market Orders(USD)  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for roth Marketable Limit es) Orders(USD) 0 0	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CNRG) VIRTU Americas, LLC(NITE) Jane Street Capital, LLC(NST) GI Execution Services, LLC(ETMM) HRT FINANCIAL LP(HRTP) Two Sigma Securities, LLC(SOHO) Stoncx Financial	Orders(%)  145  70  67  62  11	Market Orders 39:51 19:07 18:26 16:89 3:00 3:00	145 3 70 1 67 1 62 1	9.51 9.07 8.26 6.89	0 0 0 0	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00	Limit Orders(%)  0	.00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(INTE) Jane Street Capital, LLC(INST) GE Execution Services, LLC(ETMI)  HERETNINCIAL LP(HERF) Two Sigma Securities, LLC(SOHO) Stonex Financial INC.(INTL)	Orders(%)  145  70  67  62  11	Market Orders 39:51 19:07 18:26 16:89 3:00 3:00	145 3 70 1 67 1 62 1	9.51 9.07 8.26 6.89	0 0 0 0	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00	Limit Orders(%)  0	.00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	000000000000000000000000000000000000000
directed Order Flow Orders  Citadel Securities LLC(CNRG)  VIRTU Americas, LLC(NITE)  Jane Street Capital, LLC(NST) GI Execution Services, LLC(ETMM)  HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SOHO) Stonex Financial INC,(INTL)  December 2024  Non-S&P 500	Orders(%)  145  70  67  62  11	Market Orders 39:51 19:07 18:26 16:89 3:00 3:00	145 3 70 1 67 1 62 1	9.51 9.07 8.26 6.89	0 0 0 0	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00	Limit Orders(%)  0	.00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders  Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(NITE)  Jane Street Capital, LLC(ANST)  GE Execution Services, LLC(ETMI)  HRF FINANCIAL LPURIFF) Two Sigma Securities, LLC(SOHQ) Stonex Financial INC,(INTL)  December 2024  Non-S&P 500 Stocks Summary  Non-Directed Total Non-Directed Total Non-Directed Total Non-Directed Total On-Directed Total Orders as %	Orders(%)  145  70  67  62  11  11  1  4  of All Total Market	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27	145 3 70 1 67 1 62 1 11 11 1 1 1 Total Marketable	9.51 9.07 8.26 6.89 3.00 0.27 Marketable Limit to 'Order's as % of N.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Non-Marketable Limit Orders as of Non-Directs	Limit Orders(%) 0	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00		Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(INTE) Jane Street Capital, LLC(INST) GE Execution Services LLC(GETMI) HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SOHO) Stonex Financial INC,(INTL) December 2024 Non-S&F 960 Stocks Summary	Orders(%)  145  70  67  62  11  11	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27  Market Orders of Non-Directed Orders	145 3 70 1 67 1 11 11 11 11	9.51 9.07 8.26 6.89 3.00 0.27 Marketable Limit to 'Order's as % of N.	0 0 0 0 0 0 0 0 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Constituting Orders as of Non-Directed Orders	Limit Orders(%)  0	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00		Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NITE) Jano Street Capital, LLC(ANST) GI Execution Services, LLC(ETMI) HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SOHIO) Stonex Financial INC(JNTL) December 2024 Non-S&P 500 Stocks Summary Non-Directed Total Non-Directed Total Non-Directed Orders a **Orders a	Orders(%)  145  70  67  62  11  11  1  1  of All Total Market Orders	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27  Market Orders of Non-Directed Orders	145 3 70 1 67 1 62 1 11 11 11 11 11 11 11 11 11 11 11 11 1	9,51 9,07 8,26 6,89 3,3,00 0,27  Marketable Limit Orders as % of RV.	0 0 0 0 0 0 0 0 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Constituting Orders as of Non-Directed Orders	Limit Orders(%) 0	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0	Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jano Street Capital, LLC(ANST) GI Execution Services, LLC(ETMI) HRT FINANCIAL LP(IRTF) Two Sigma Securities, LLC(SOHD) Stonex Financial INC(INTL) December 2024 Non-S&P 500 Stocks Summary Non-Directed Orders a Vorders a Orders Orders 954	Orders(%)  145  70  67  62  11  11  1  1  of All Total Market Orders	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27  Market Orders of Non-Directed Orders	145 3 70 1 67 1 62 1 11 11 11 11 11 11 11 11 11 11 11 11 1	9,51 9,07 8,26 6,89 3,3,00 0,27  Marketable Limit Orders as % of RV.	0 0 0 0 0 0 0 0 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Constituting Orders as of Non-Directed Orders	Limit Orders(%) 0	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00	Paid/Received for Market Orders(co	Paid/Received for Paid/Received for State	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  0  0	Paid/Received for Non-Marketable Limit Orders(USI 0 0	Non-Marketable Limit Orders(cente) 0 0 0 0 0 0 0 0 0	s Paid/Received for s) Other Orders(USI 0 0 0 0	Paid/Received for Other Orderson	0 0 0 0 0 0
directed Order Flow Orders Citadel Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jano Street Capital, LLC(ANST) GI Execution Services, LLC(ETMI) HRT FINANCIAL LP(IRTF) Two Sigma Securities, LLC(SOHD) Stonex Financial INC(INTL) December 2024 Non-S&P 500 Stocks Summary Non-Directed Orders a Vorders a Orders Orders 954	Orders(%)  145  70  67  62  11  11  1  1  of All Total Market Orders	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27  Market Orders of Non-Directed Orders	145 3 70 1 67 1 62 1 11 11 11 11 11 11 11 11 11 11 11 11 1	9,51 9,07 8,26 6,89 3,3,00 0,27  Marketable Limit Orders as % of RV.	0 0 0 0 0 0 0 0 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Constituting Orders as of Non-Directed Orders	Limit Orders(%) 0	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Net Payment	Paid/Received for Market Orders(c) per hundred shar 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received for rest Marketable Limit es) Orders(USD)  0  0  0  0  0  0  Net Fayment	Marketable Limit Orders(cents per hundred shares)  0  0  0  0  1  Net Payment Paid/Received for	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0 0 0	Non-Marketable Limit Orders(cente) 0 0 0 0 0 0 0 Net Fayment Paid/Received for	s Paid/Received for s) Other Orders(USI 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received no Control of the Order Orde	0 0 0 0 0 0
directed Order Flow Orders Citade Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jane Street Capital, LLC(SNT) GI Execution Services, LLC(ETM) HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SORD) Storax Financial INCL(SVTL) December 2024 Non-S&P 500 Stocks Summary Non-Directed Orders v Orders  954 Venues  Venue - Non-Directed	Orders(%)  145  70  67  62  11  11  1  of All Total Marke Orders 100.00	Market Orders  39.51  19.07  18.26  16.89  3.00  3.00  0.27  Market Orders of Non-Directed Orders 950	145 3 70 1 67 1 62 1 11 11 1	9.51 9.07 8.26 6.89 3.00 3.00 3.00 Orders as % of N Directed Orders 0 0 Marketable Limit	0 0 0 0 0 0 0 0 0 1 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Non-Marketable Limit Orders as of Non-Directed Orders  4	Limit Orders(%)  0	Other Orders as of Non-Directed so Orders	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  Net Payment Pala/Received for Market	Paid/Received for Market Orders(c) per hundred shar 0   0   0   0   0   0   0   0   0   0	Paid/Received for risk Marketable Limit es) Orders(USD)  0  0  0  0  0  0  0  Net Payment Paid/Received for risk Marketable Limit	Marketable Limit Orders(cents per hundred shares)  0  0  0  1  Net Payment Paid/Received for Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0 0 0 0 0 0 0 0	Non-Marketable Limit Orders(cent )) per hundred share  0  0  0  0  0  1  Not Payment Paid/Received for Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI  0  0  0  0  0  0  0  Net Payment s Paid/Received for	Paid/Received from the Control of the Order Orde	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
directed Order Flow Orders Citade Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jano Street Capital, LLC(SNT) GI Execution Services, LLC(ETM) HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SOHD) Stonck Financial INCL(NTL) December 2024 Non-S&P 500 Stock Summary Non-Directed Order so Orders Orders Orders  Venues  Venue Non- Non-Directed directed Order Flow Orders to Venue Non- Non-Directed Control of the Co	Orders(%)  145  70  67  62  11  11  1  1  of All Total Marke Orders 100.00	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27  Market Orders of Non-Directer Orders 950	145 3 70 1 67 1 62 1 11 11 11 11 11 11 11 11 11 11 11 11 1	9.51 9.07 8.26 6.89 3.00 3.00 3.00 Orders as % of N Directed Orders 0 0 Marketable Limit	0 0 0 0 0 0 0 0 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Non-Marketable Limit Orders as a rown-Directed Orders  4	Limit Orders(%) 0	Other Orders as of Non-Directed so Orders	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  Net Payment Pala/Received for Market	Paid/Received for  Net Fayment Paid/Received for	Paid/Received for risk Marketable Limit es) Orders(USD)  0  0  0  0  0  0  0  Net Payment Paid/Received for risk Marketable Limit	Marketable Limit  Marketable Limit  Net Payment  Paid/Received for  Marketable Limit	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0 0 0 0 0 0 0 0	Non-Marketable Limit Orders(cent )) per hundred share  0  0  0  0  0  1  Not Payment Paid/Received for Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI  0  0  0  0  0  0  0  Net Payment s Paid/Received for	Paid/Received for  Paid/Received for  Paid/Received for  Paid/Received for	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
directed Order Flow Orders Citade Securities LLC(CDRG) VIRTU Americas, LLC(NTE) Jane Street Capital, LLC(SNT) GI Execution Services, LLC(ETM) HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SORD) Storax Financial INCL(SVTL) December 2024 Non-S&P 500 Stocks Summary Non-Directed Orders v Orders  954 Venues  Venue - Non-Directed	Orders(%)  145  70  67  62  11  11  1  of All Total Marke Orders 100.00	Market Orders  39.51  19.07  18.26  16.89  3.00  3.00  0.27  Market Orders of Non-Directed Orders 950	145 3 70 1 67 1 62 1 11 11 11 1 Total Marketabl Limit Orders 9-58	9.51 9.07 8.26 6.89 3.00 3.00 3.00 Orders as % of N Directed Orders 0 0 Marketable Limit	0 0 0 0 0 0 0 0 0 1 Total Non-Marketable Limit Orders	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Non-Marketable Limit Orders as of Non-Directed Orders  4	Limit Orders(%)	Other Orders as of Non-Directed so Orders	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  Net Payment Pala/Received for Market	Paid/Received for Market Orders(c) per hundred shar 0   0   0   0   0   0   0   0   0   0	Paid/Received for risk Marketable Limit es) Orders(USD)  0  0  0  0  0  0  0  Net Payment Paid/Received for risk Marketable Limit	Marketable Limit Orders(cents per hundred shares)  0  0  0  1  Net Payment Paid/Received for Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0 0 0 0 0 0 0 0	Non-Marketable Limit Orders(cent )) per hundred share  0  0  0  0  0  1  Not Payment Paid/Received for Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI  0  0  0  0  0  0  0  Net Payment s Paid/Received for	Paid/Received for Other Orders(cents) D) per hundred shares  O O O O O O O O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
directed Order Flow Orders  Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(NTE) Jano Street Capital, LLC(ANST) GI Execution Services, LLC(ETMI)  HRT FINANCIAL LP(HRTF) Two Sigma Securities, LLC(SOHD) Stonex Financial INC(INTL)  December 2024  Non-S&P 500 Stocks Summary  Non-Directed Order S Orders  Orders  Orders  Venues  Venue  Venue  Venue Non-Directed Order Flow Orders  Citadel Securities LLC(CDRG) Jano Street Capital,	Orders(%)  145  70  67  62  11  11  1  Total Marke Orders 100.00	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27   Market Orders of Non-Directed Orders 950  d  Market Orders 35.95	145 3 70 1 67 1 62 1 11 11 1 1 1	9.51 9.07 8.26 6.89 3.00 0.27  Marketable Limit Orders as % of N Directed Orders 0  Marketable Limit Orders as % of N Directed Orders	0 0 0 0 0 0 0 0 Marketable Limit Orders 0	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Non-Marketable Limit Orders as of Non-Directed Orders  4	Limit Orders(%)  0	Other Orders as of Non-Directed rs Orders 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market Orders(USD)  0.00  0.00  0.00  0.00  0.00  0.00  Net Payment Pala/Received for Market Orders(USD)	Paid/Received for Market Orders(c) per hundred shar 0   0   0   0   0   0   0   0   0   0	Paid/Received for risk Marketable Limit es) Orders(USD)  0  0  0  0  0  0  0  0  0  Net Payment Paid/Received for risk Marketable Limit es) Orders(USD)	Marketable Limit Orders(cents per hundred shares)  0  0  0  1  Net Payment Paid/Received for Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Non-Marketable Limit Orders(cent )) per hundred share  0  0  0  0  0  1  Not Payment Paid/Received for Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI  0  0  0  0  0  0  Net Payment s Paid/Received for s) Other Orders(USI	Paid/Received for Other Orders(cents) D) per hundred shares  0 0 0 0 0 0 Net Payment Paid/Received for Other Orders(cents) per hundred shares	
directed Order Flow Orders  Citadel Securities LLC(CDRG)  VIRTU Americas, LLC(INTE) Jane Street Capital, LLC(ANST) Giscoution Serviceotion Stocks Summary  Non-Sie Polo Stocks Summary  Non-Directed Orders as % Orders Orders System Venues  Venue  Venue  Venue Non-Directed directed Order Flow Orders  Citadel Securities LLC(CDRG)	Orders(%)  145  70  67  62  11  11  1  1  of All Total Market Total Market Total Market Orders (%)	Market Orders 39.51 19.07 18.26 16.89 3.00 3.00 0.27  Market Orders of Non-Directed Orders 950  d Market Orders	145 3 70 1 67 1 62 1 11 11 1 1 1	9.51 9.07 8.26 6.89 3.00 0.27 Marketable Limit Orders as % of N. Directed Orders 0 0. Marketable Limit	0 0 0 0 0 0 Total Non-Marketable Limit Orders Marketable Limit Orders(%)	Limit Orders  0.00  0.00  0.00  0.00  0.00  0.00  0.00  Non-Marketable Limit Orders as 'of Non-Directed Orders  4  Non-Marketable Limit Orders	Limit Orders(%)  0	Other Orders as of Non-Directed us Orders	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pala/Received for Market  Orders(USD)  0.00  0.00  0.00  0.00  0.00  Net Payment Pala/Received for Market  Orders(USD)	Paid/Received for Market Orders(c) per hundred shar 0   0   0   0   0   0   0   0   0   0	Paid/Received for risk Marketable Limit es) Orders(USD)  0  0  0  0  0  0  0  Net Payment Paid/Received for risk Marketable Limit	Marketable Limit Orders(cents per hundred shares)  0  0  0  1  Net Payment Paid/Received for Marketable Limit Orders(cents per	Paid/Received for Non-Marketable Limit Orders(USI 0 0 0 0 0 0 0 0 0 0	Non-Marketable Limit Orders(cent )) per hundred share  0  0  0  0  0  1  Not Payment Paid/Received for Non-Marketable Limit Orders(cent	s Paid/Received for s) Other Orders(USI  0  0  0  0  0  0  Net Payment s Paid/Received for s) Other Orders(USI	Paid/Received for Other Orders(cents) D) per hundred shares  O O O O O O O O O O O O O O O O O O	

G1 Execution Services, LLC(ETMM)	173	18.08	173	18.19	0		0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
HRT FINANCIAL LP(HRTF) Two Sigma	48	5.02	48	5.05	0		0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Securities, LLC(SOHO) StoneX Financial	23	2.40	23	2.42	0		0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
INC.(INTL) UBS Securities, LLC(UBSS)	8	0.84	8	0.84	0		0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution Services,																			
LLC(NSDQ)	2	0.21	0	0.00	0	•	0.00	2	33.33	0	0.00	0	0	0	0	0	0	0	0
NYSE Arca(ARCA)	1	0.10	0	0.00	0		0.00	1	16.67	0	0.00	0	0	0	0	0	0	0	0

December 2024

Summary

| Non-Direct | Non

Venues

								Net Payment		Net Payment		
					Net Payment	Net Payment	Net Payment	Paid/Received for	Net Payment	Paid/Received for		Net Payment
					Paid/Received for	Paid/Received for	Paid/Received for	Marketable Limit	Paid/Received for	Non-Marketable	Net Payment	Paid/Received for
Venue - Non- Non-Directed Non-Directed	Marketable Limit	Non-Marketable Non-M	n-Marketable		Market	Market Orders(cent	ts 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	nit Orders(%) Other Orders	Other Orders(%)	Orders(USD)	per hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	per hundred shares	Other Orders(USD	) per hundred shares)