July 2022	
S&P 500 Stock Summary	cs

Non-Dire	rected	Market C	Orders as %	Marketable I	imit	Non-Marketabl Limit Orders as Non-Directed	ile i % of	Other Orders as	ĸ								
Non-Directed Orders as s Orders 2,423	as % of All Total Mark Orders 100.00	ket of Non-D Orders 2,368	Pirected Total Man Limit Ord 97.73	rketable Orders as % of ders Directed Ord	of Non- ers Total Non-Marketable Limit Orders 0.00	Orders	Total Other O	of Non-Directed rders Orders	1.21								
rs															Net Payment		
										Net Payment Paid/Received fo	Net Payment Paid/Received for Market	Net Payment Paid/Received for	Net Payment Paid/Received for Marketable Limit	Net Payment Paid/Received for	Paid/Received for Non-Marketable Limit Orders(cents	s Net Payment	Net Payment Paid/Received Other Orders(c
- Non- Non-Dire ed Order Flow Orders	vected Non-Direct Orders(%)	ted Market C	Orders Market O	Marketable i Orders(%) Orders	imit Marketable Limit Orders(%)	Non-Marketabl Limit Orders	le Non-Marketa Limit Orders(ble K) Other Orders	Other Orders(%)	Market Orders(USD)	Orders(cents per hundred shares)	Marketable Limit Orders(USD)	Orders(cents per hundred shares)	Non-Marketable Limit Orders(USD)	per hundred shares)	Paid/Received for Other Orders(USD)	per hundred () shares)
nal Financial es LLC(XSTM) el Securities	1,138	31.36	0	0.00	0	0.00	0	0.00 1	138 97	7.18	0	0	0	0	0	0	0
kG) cution	772	21.27	765	35.32	0	0.00	6	2.08	1 0	0.09	0	0	0	0	0	0	0
, tM) mericas,	500	13.78	500	23.08	0	0.00	0	0.00		0.00	0	0	0	0	0	0	0
E) veet Capital, T)	476 402	13.12 11.08	467 393	21.56 18.14	0	0.00	9	1.73		0.34	0	-	0	0	0	0	0
r) rk Stock p(NYSE)	145	4.00	393	0.00	3	100.00	142	3.11 49.13		1.00	0	0		0	0		0
Execution																	
, LLC(NSDQ)	91	2.51	0	0.00	0	0.00	91	31.49		0.00	0			0	0		0
oss(BLKX) IGX US	28	0.77	0	0.00	0	0.00	0	0.00	28 2	2.39	0	0	0	0	0	0	0
e(EDGX)	26	0.72	0	0.00	0	0.00	26	9.00	0 0	0.00	0	0	0	0	0	0	0
n, O)	26	0.72	26	1.20	0	0.00	0	0.00	0 0	0.00	0	0	0	0	0	0	0
2																	
500 Stocks																	
y Non-Dire				Marketable I	t-ia	Non-Marketabl	de .		_								
m-Directed Orders as Orders	as % of All Total Mark Orders	Orders	Orders as % Directed Total Mar Limit Ord	rketable Orders as % of ders Directed Ord	of Non- ers Total Non-Marketable Limit Orders	Limit Orders as Non-Directed Orders	Total Other O	Other Orders as of Non-Directed rders Orders									
3,261	100.00	3,077	94.36	43	1.32	131	4.02	10	1.31								
											Net Payment		Net Payment		Net Payment Paid/Received for		Net Payment Paid/Received
Non- Non-Dire	ected Non-Direct	ted		Marketable I	imit	Non-Marketabl	le Non-Marketa	ble		Net Payment Paid/Received fo Market	Paid/Received for Market Orders(cents per	Net Payment Paid/Received for Marketable Limit	Paid/Received for Marketable Limit Orders(cents per	Net Payment Paid/Received for Non-Marketable	Non-Marketable Limit Orders(cents per hundred	s Net Payment Paid/Received for	Other Orders
Order Flow Orders	Orders(%)	Market C	Orders Market O	Orders(%) Orders	Marketable Limit Orders(%)	Limit Orders	Limit Orders((4) Other Orders	Other Orders(%)		hundred shares)	Orders(USD)	hundred shares)	Limit Orders(USD)	shares)	Other Orders(USD)) shares)
LC(XSTM)	2,021	35.15	0	0.00	0	0.00	0			5.92	0				0		0
nericas,	1,066	18.54	1,043	35.48 22.65	9	20.00	5	0.76		1.43	0	0		0	0	0	0
tion					-		-					•	-	-			
et Capital,	673 540	11.70 9.39	656 531	22.31 18.06	14	31.11 11.11	2	0.30		0.06	0	0	-	0	0		0
) k Stock i(NYSE) a(ARCA)	294		0	0.00	3	6.67		44.22	0 0	0.00	0				0	0	0
ix us	140	5.11 2.43	0	0.00	0	0.00	291 140	21.28	0 0	0.00	0	0	0	0	0	0	0
(EDGX)	110	1.91	0	0.00	0	0.00	110	16.72		0.00	0				0		0
ss(BLKX)	80	1.39	4	0.14	1	2.22	0	0.00	75 3	3.56	0	0	0	0	0	0	0
Execution LLC(NSDQ)	66	1.15	0	0.00	0	0.00	66	10.03	0 0	0.00	0	0	0	0	0	0	0
ontracts																	
Non-Dire	ected	Market C	Orders as %	Marketable I	imit	Non-Marketabl Limit Orders as	de 1% of	Other Orders as	×								
on-Directed Orders as Orders	Orders	Orders	Limit Ord		ers Total Non-Marketable Limit Orders	Limit Orders as Non-Directed Orders	Total Other O	of Non-Directed rders Orders									
506	100.00	417	82.41	9	1.78	78	15.42	2	1.40								
										Net Payment	Net Payment Paid/Received for	Net Payment	Net Payment Paid/Received for		Net Payment Paid/Received for Non-Marketable		Net Payment Paid/Received
Non- Non-Dire														Net Payment	Non-Marketable		Other Ordersis
				Marketable I	imit	Non-Marketabl	ie Non-Marketa	ble		Paid/Received fo Market	r Market	Paid/Received for	Marketable Limit	Paid/Received for Non-Marketable	Limit Orders(cents	Net Payment Paid/Received for	Other Orders) per hundred
ecurities	ected Non-Direct Orders(%)		Orders Market O	Marketable i Orders(%) Orders	imit Marketable Limit Orders(%)	Non-Marketabl Limit Orders	le Non-Marketa Limit Orders(Other Orders(%)	Paid/Received fo Market Orders(USD)	Market Orders(cents per hundred shares)	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD)	Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)) shares)
ecurities S) ancial agies	225	43.02	Orders Market O	Orders(%) Orders 45.32	Marketable Limit Orders(%) 4	Limit Orders	32	33.68		Paid/Received fo Market Orders(USD)	Market Orders(cents per hundred shares)	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per hundred shares)	Limit Orders(USD)	Limit Orders(cents per hundred	Other Orders(USD)	0 shares)
ecurities 3) ancial gies ()			Orders Market O	Orders(%) Orders		Limit Orders				Paid/Received fo Market Orders(USD)	r Market Orders(cents per	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per hundred shares)		Limit Orders(cents per hundred	Other Orders(USD)) shares)
ecurities ij ancial gies () anna	225	43.02		Orders(%) Orders 45.32	Marketable Limit Orders(%) 4	Limit Orders	32	33.68	0 0	Paid/Received fo Market Orders(USD)	Market Orders(cents per hundred shares)	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per hundred shares)	Limit Orders(USD) 0	Limit Orders(cents per hundred	Other Orders(USD)	0 shares)
ncurities 3) 3) 3) 4) 4) 4) 4) 5) 6 5) 6 5) 6 6)	225 138 107	43.02 26.39 20.46	117	45.32 28.06 24.46	Marketable Limit Orders(K) 4 2	Limit Orders 44.44 22.22 33.33	32 19 2	33.68 20.00 2.11	0 0	Paid/Received for Market Orders(USD) 0.00	Market Orders(cents per hundred shares) 0	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per hundred shares)	Limit Orders(USD) 0	Limit Orders(cents per hundred shares)	Other Orders(USD) 0	0 0
ncurities i) incial gies () anna JSQ) e 1 Services XX Stanley &	225 138	43.02 26.39 20.46	117 102	45.32 28.06 24.46	Marketable Limit Orders(%) 4	Limit Orders 44.44 22.22 33.33	32 19	33.68 20.00 2.11 41.05	0 0	Paid/Received fo Market Orders(USD) 0.00	Market Orders(cents per hundred shares) 0	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Orders(cents per hundred shares)	Limit Orders(USD) 0 0	Limit Orders(cents per hundred shares)	Other Orders(USD) 0 0	0 0 0
ncurities ancial ancial gies f) anna JSQ) a a Services X) Stanley & D) o be Brokers	225 138 107 43	43.02 26.39 20.46 8.22	117 102 4 5	A5.32 28.06 24.46 0.96	Marketable Unit Orders(K) 4 2 3	Limit Orders 44.44 22.22 33.33 0.00	32 19 2 39	33.68 20.00 2.11 41.05 3.16	0 0	Paid/Received fo Market Orders(USD) 0.000	Market Orders(cents per hundred shares) O O	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Corders(cents per hundred shares)	Limit Orders(USD) 0 0 0	Limit Orders(cents per handred shares)	Other Orders(USD) 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ecurities 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	225 138 107	43.02 26.39 20.46	117 102	45.32 28.06 24.46	Marketable Limit Orders(K) 4 2	Limit Orders 44.44 22.22 33.33	32 19 2	33.68 20.00 2.11 41.05	0 0	Paid/Received fo Market Orders(USD) 0.000	Market Orders(cents per hundred shares) 0	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Corders(cents per hundred shares)	Limit Orders(USD) 0 0 0	Limit Orders(cents per handred shares)	Other Orders(USD) 0 0 0	0 0 0
ecurities 3) ancial ancial signies 4) ancial signies 5) se n Services X) Stanley & y O) ee Brokers 1)	225 138 107 43	43.02 26.39 20.46 8.22	117 102 4 5	A5.32 28.06 24.46 0.96	Marketable Unit Orders(K) 4 2 3	Limit Orders 44.44 22.22 33.33 0.00	32 19 2 39	33.68 20.00 2.11 41.05 3.16	0 0	Paid/Received fo Market Orders(USD) 0.000	Market Orders(cents per hundred shares) O O	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Corders(cents per hundred shares)	Limit Orders(USD) 0 0 0	Limit Orders(cents per handred shares)	Other Orders(USD) 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ecurities 3 3 ancial ancial ancial signies 4 1 ser n Services X) Stanley & y O) ee Brokers 1 022 Stocks	225 138 107 43 8	43.02 26.39 20.46 8.22 1.53 0.38	117 102 4 5	Orders(PK) Orders 45.32 28.06 24.46 0.96 1.20 0.00	Merhetable Limit Order(S) 4 2 3 0 0	Umit Orders 44.44 22.22 33.33 0.00 0.00	32 19 2 39 3	33.68 20.00 2.11 41.05 3.16 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received fo Market Orders(USD) 0.000	Market Orders(cents per hundred shares) O O	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Corders(cents per hundred shares)	Limit Orders(USD) 0 0 0	Limit Orders(cents per handred shares)	Other Orders(USD) 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ecurities 3) 3) ancial ancial 3) 3) ancial 3) 3) ancial 3) 3) ancial 3) 3) 3) ancial 3) 3) ancial 4) ancia	225 138 107 43 8 2 2 world 43 S of All Total Mark	41.02 26.39 20.46 8.22 1.53 0.38 Market G Non-Do-Order-Do	117 102 4 5 0 Orders as % Total Market Limit fort	Accepted Accepted	Manhataha Limit Orden(S) 4 3 0 0 0 him berinding the second of the	Umit Orders 44.44 22.22 33.33 0.00 0.00 0.00 Non-Markstabl Umit Orders as Non-Molected	32 19 2 39 30 0 fee % Kef	33.68 20.00 2.11 41.05 3.16 0.00 Other Orders as	0 0 0 0 0 0 0 0 0 2 2000	Paid/Received fo Market Orders(USD) 0.000	Market Orders(cents per hundred shares) O O	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Corders(cents per hundred shares)	Limit Orders(USD) 0 0 0	Limit Orders(cents per handred shares)	Other Orders(USD) 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ecurities) ancial ancial gigies) the structure struc	225 138 107 43 8 2	41.02 26.39 20.46 8.22 1.53 0.38	117 102 4 5 0 Orders as % Rivected Total Mark	Orders(K) Orders 45.32 28.06 24.46 0.96 1.20 0.00 Markstable Orders as % orders orders as % orders orders orders orders orders orders order	Manhataha Limit Orden(S) 4 3 0 0 0 him berinding the second of the	Umit Orders 44.44 22.22 33.33 0.00 0.00 0.00 Non-Markstabl Umit Orders on Season Seaso	32 19 2 39 3 0	33.68 20.00 2.11 41.05 3.16 0.00 Other Orders as	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid/Received fo Market Orders(USD) 0.000	Market Orders(cents per hundred shares) O O	Paid/Received for Marketable Limit Orders(USD)	Marketable Limit Corders(cents per hundred shares)	Limit Orders(USD) 0 0 0	Umit Orders(cents) per hundred shares) 0 0 0 0	Other Orders(USD)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ecurities ancolal ancolal giss) nema 550) e e 5 Services X Stanley & Stanley & Stanley & Orders Orders Orders Orders a Orders a	225 138 107 43 8 2 2 world 43 S of All Total Mark	41.02 26.39 20.46 8.22 1.53 0.38 Market G Non-Do-Order-Do	117 102 4 5 0 Orders as % Total Market Limit fort	Accepted Accepted	Manhataha Limit Orden(S) 4 3 0 0 0 him berinding the second of the	Umit Orders 44.44 22.22 33.33 0.00 0.00 0.00 Non-Markstabl Umit Orders as Non-Molected	32 19 2 39 30 0 fee % Kef	33.68 20.00 2.11 41.05 3.16 0.00 Other Orders as	0 0 0 0 0 0 0 0 0 2 2000	Paid Received for Municipal Continue (USD) 0.00 0.00 0.00 0.00	Maket Orden(gasts per hundred shares) O O O O	Paid/Received for Marketable Little Criefwell (LSD)	Marketable Limit Cherdychen per humbred thicken)	Limit Orders(USD) 0 0 0 0	Limit Orders(cents per handred shares)	Other Orders(USD)	O O O O O O O O O O O O O O O O O O O
curities feet feet feet feet feet feet feet fe	225 138 107 43 8 2 2 vected 150 Orders 100.00	41.02 26.39 20.46 8.22 1.53 0.38 Mainlest of Non-D Orders 1,674 deet	117 202 4 5 0 Orders as % Interested Total Many 95.54	45.32 28.66 29.66 20.66 20.60	Machinatak Limit Orders(N) 4 2 3 0 0 0 1 Teach Machinatak Limit Orders 1 Teach Machinatak Limit Orders 0 12	Umit Orders 44.44 22.22 33.33 0.00 0.00 0.00 Non-Markstabl Umit Orders as Non-Molected	32 2 39 3 0 0 Total Other O	3168 2000 2.11 4105 3.16 0.00 Other Orders as of Orders 1 1	0 0 0 0 0 0 0 0 0 2 2000	Puid Review for the Market Orders (USD) 200 200 200 200 200 Not Prymetet Primered Prime	Market Orden(cleate per business) O O O O O O	Paid/Received for Marketable Little Criefwell (LSD)	Marketable Limit. Charlesche L	Limit Orders(USD)	Limit Orders(cents) per handred shares)	Other Orders(USD) O O O O O O O O O O O O O	Nat Payment Nat Payment O O O O O O O O O O O O O
conflicts fine a conflict of the conflict of	225 138 107 43 8 2 2 108 1000 1000 1000 1000 1000 1000	41.02 26.39 20.46 8.22 1.53 0.38 Market C of Non-D of Non	117 102 4 5 0 Orders as N invented at Market O	# 63.02 28.06 28.06 28.06 28.06 28.06 28.06 28.06 28.00 20.00 40.00	Machinistic Cont. Orders(S) 4 2 3 0 0 0 0 1 India Non-Marketable Unit Orders 0.12	Unit Orders 44.64 22.32 33.33 0.00 0.00 0.00 0.00 0.00 Non-Marketala Unit Orders on Orders 52	19 2 39 3 0 Total Other O 3.20	33.68 20.00 2.11 41.05 3.16 0.00 Chair Orders a of two Orders of two Orders 1 Other Orders Other Orders	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Paul Pagasant for Market Content (URC) 2000 2000 2000 Nat Pagasant Paul Pagasant Content (URC)	Mulecular per District Shares) Control of Shares Control of Shares Control of Shares Control of Shares Next Payment Paid Received per District Shares Control of Shares Next Payment Offern(cont) per District Shares	Paid Precised for Management (1997) Online (1997) Nati Pryment Paid (1997) National Properties (1997) National	Marketable Limit Orderigening purchased Control of the Section of	Limit Orders(USD)	Limit Orders/conts per Nundrod observed Net Payment Net Payment Puid (Received for Ross Advantable shares)	Other Orders(USD) O Nat Payment Nat Payment Nat Payment Other Orders(USD)	Net Payment Net Payment Paid/Receive Other Orders par hundred y shares)
confider for the confider for Coders and	225 138 107 43 8 2 2 1000 Total Market 10000 General Orders 931	41.02 26.39 20.46 8.22 1.53 0.38 Market C of Non-D-oders 1,674	117 102 4 5 0 Orders as 8 Total Minimit Order 96.54 Market O	46.32 28.06 28.06 24.46 2.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Machinistic Cont. Orders(S) 4 2 3 0 0 0 0 1 India Non-Marketable Unit Orders 0.12	Limit Orders 44 44 44 22 22 22 33 33 33 0.00 0.00 0.00 0.00 0	19 2 39 3 3 0 Total Other O 3.29	33.66 2000 2011 41.65 316 000 000 000 000 000 000 000 000 000 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Market Net Payment Net Payment Pudd Received for Market Net Payment Pudd Received for Market Pud	Multical Control of Survey O O O Net Payment Paid fine of Survey O O O O O O O O O O O O O	Paid fixed before the fixed by	Manatachia Limit Tundred shares) O Interpolation of the state of the	Limit Orders(USD) O Net Payment Puid/Received for Limit Orders(USD) O	Limit Orders/conts per Nundrod observed Net Payment Net Payment Puid (Received for Ross Advantable shares)	Other Orders(USD) I Mat Payment Nat Payment Padd/Paulint Output O	Net Payment O Net Payment Paid/Receive Other Orders par hundred shares)
confider of the confider of th	225 138 107 43 8 2 2 viciled. 2 100.00 Griders (N) Orders (N) 911 559	41.02 26.99 20.46 8.22 1.53 0.38 Market Coffees 1.674 Market C	117 102 4 5 0 Notices as % State Market Of State Market O	45.32 28.06 28.06 24.46 0.06 1.30 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Marketakk Limit Orders(%) 4 3 0 0 0 Marketakk Limit Orders Out Out Non-Marketakk Limit Orders Marketakk Limit Orders(%)	Limit Orders 44 44 22 22 33 33 0 00 0 00 0 00 0 00 0 00 0	10 2 30 30 3 0 Total Other O 3,20 Non-Marketage 0 2	33.66 2000 2000 2011 41.65 31.6 000 2000 2014 2014 2014 2014 2014 2014	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Section 1 To Payment To Pa	Multiplicate per buildred shares) O O O O O O O O O O O O O	Paid Precision for Monte and Line Community Co	Manatackie Limit Numford shares) Net Payment Pull Manatackie Limit Order(speed per pull per	Limit Orders(USD) O Next Paymont Paid Paccined for Limit Orders(USD) O O O	Limit Orderschorts Australia Matt Payment O Matt Payment Non-Materialia Limit Orderschorts Annohment	Other Orders(USD) State Payment Half Payment Other Orders(USD) O	Net Payment Net Payment Paid/Receive Other Orders par hundred others o
continues of the contin	225 138 107 43 8 2 2 vected vs. to f.Au Talea Marie 100 00 100 00 Vected Number 5000 00 100 00 400 400	41.02 26.39 20.46 8.22 1.53 0.38 Market C of Non-D-of-orders 1.674 Market C 2 31.53 20.13	202 4 5 0 Orders as St. Selected Total Multiple Code 96.54	45.32 28.06 24.46 2.36 2.30 2.00 2.00 2.00 2.00 2.00 2.00 2.00	Machinistic Cont. Orders(S) 4 2 3 0 0 0 0 1 India Non-Marketable Unit Orders 0.12	Limit Orders 44 44 44 22 22 22 33 33 33 0.00 0.00 0.00 0.00 0	19 2 39 3 3 0 Total Other O 3.29	33.68 20.00 2.11 41.05 3.16 0.00 Other Orders as of functioned and	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pridification of the Management of the Managemen	Multical Control of Survey O O O Net Payment Paid fine of Survey O O O O O O O O O O O O O	Paid Precision for Monte and Line Community Co	Manatackie Limit Numford shares) Net Payment Pull Manatackie Limit Order(speed per pull per	Limit Orders(USD) O Next Paymont Paid Paccined for Limit Orders(USD) O O O	Limit Orders/conts per Numbrid Character C	Other Orders(USD) 1 Not Pyrment. Paid/Newhorld for Other Orders(USD) 0	Net Payment O Net Payment Paid/Receive Other Orders par hundred shares)
one control of the co	225 138 107 43 8 2 2 viciled. 2 100.00 Griders (N) Orders (N) 911 559	41.02 26.99 20.46 8.22 1.53 0.38 Market Coffees 1.674 Market C	117 102 4 5 0 Notices as % State Market Of State Market O	45.32 28.06 28.06 24.46 0.06 1.30 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Marketakk Limit Orders(%) 4 3 0 0 0 Marketakk Limit Orders Out Out Non-Marketakk Limit Orders Marketakk Limit Orders(%)	Unit Orders 44.64 22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.	32 19 2 39 30 3 0 Total Other O 3.20 0 0 2	33.66 2000 2000 2011 41.65 31.6 000 2000 2014 2014 2014 2014 2014 2014	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Section 1 To Payment To Pa	Multiplicate per buildred shares) O O O O O O O O O O O O O	Paid Processor for Management (Management	Materials Limit Funded shares) Net Payment O Net Payment Prid Placehold for fine fine fine fine fine fine fine fine	Mat Payment Not Payment Not Payment Limit Coders(USD)	Limit Orders/control Annual Control	Other Orders(USD) National Control of Contr	Net Payment Net Payment Net Payment Net Payment Net Payment Net Payment O
condition of the condit	225 138 107 43 8 2 2 Vected se Se of All Total Market 1000000000000000000000000000000000000	41.02 26.39 20.46 8.22 1.53 0.38 Market C of Non-D-Oders 1,674 Market C 31.53 20.13 14.73 11.78	500 4 5 0 Notice at 8 Total Market O 905.54 Market O 0 0 325	45.32 28.06 24.46	Manhestable Control Content(%) 4 2 3 0 0 0 Test at Non-Manhestable Control Content Extra State Manhestable Control Content Manhestable Control Content Manhestable Control Content 0 1	44.44 22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.	32 19 2 30 3 0 Total Other O 2 0 2	33.66 20.00 2.11 41.05 33.6 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profife Season for Season Seas	Market Ma	Paid Processor for Management (Management	Materials Limit Funded shares) Net Payment O Net Payment Prid Placehold for fine fine fine fine fine fine fine fine	Mast Paymont Not Paymont Philippeople Limit Orders(USD) 0	Limit Orders/control Annual Control	Other Orders(USD) Nata Propresent Paid/Received (USD) Other Orders(USD) Other Orders(USD)	Net Payment of Payment
continue of the continue of th	225 138 107 43 8 2 2 100000000000000000000000000000000	41.03 26.39 20.46 8.22 1.53 0.38 Market C orders 1.674 Orders 20.13 14.73 11.78 7.24 7.06	202 4 5 0 Variety at 15 Total Market Oud 90554 Market Oud 0 505 409 325 201 0	45.32 28.06 24.46	Manhataka Contro (Codunt(N)) 4 2 3 0 0 0 1 Manhataka Contro (No. Manhataka Contr	4.44 22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.	32 19 2 39 3 0 Total Other O 3,20 Non-Marketa	33.66 20.00 2.11 41.05 3.16 0.00 Other Orders 2.00 Other Orders 2.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Montal Conference (NO) Con	Maked on a per bushed and a per bushed of the pe	Paid Precised for Monte Intelligence of the Control	Material Limit Tundred shares) Nat Payment Order/comp per Tundred shares) Order/comp per Tundred shares) Order/comp per Tundred shares)	Next Payment Paid/Recolved for Limit Orders(USD) Next Payment Paid/Recolved for Limit Orders(USD) O O	Imm Order-County Market Payment Net Payment Puid (Received for Horseled Actually Actually (Received for Horseled Actually Puid (Received for Horseled Actually Puid (Received for Horseled Actually Actu	Other Orders(USD) National State Payment Mat Payment Mat Payment Mat Payment Other Orders(USD) O	Nat Psymmetry Nat Psymmetry Nat Psymmetry Nat
contides please of the contides please of the contides of the	225 138 107 43 8 2 2 vicinel	41.02 26.39 20.46 8.22 1.53 0.38 seet of Non-D of Coders 1,674 473 20.13 11.78 7,24	117 1002 4 5 0 Orders as % Total Market Ord 96.54 Linch Ord 0 1055 400 1255 201	46.32 28.06 28.06 20.00 20.00 0.00 0.00 0.00 0.00 0.00	Manhestable Control Content(%) 4 2 3 0 0 0 Test at Non-Manhestable Control Content Extra State Manhestable Control Content Manhestable Control Content Manhestable Control Content 0 1	Limit Orderies 44 44 22 22 33 33 0 00 0 00 0 00 0 00 0 00 0	32 19 2 39 30 3 0 Total Other O 3,229 0 2	33.66 2000 2000 2011 41.05 31.6 41.05 31.6 0.00 2014 2014 2014 2014 2014 2014 2014 20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Market Payment Profit Received for Market Payment	Market Ma	Paid Precised for Monte Intelligence of the Control	Material Limit Tundred shares) Nat Payment Order/comp per Tundred shares) Order/comp per Tundred shares) Order/comp per Tundred shares)	Next Payment Paid/Recolved for Limit Orders(USD) Next Payment Paid/Recolved for Limit Orders(USD) O O	Limit Orders/control Annual Control	Other Orders(USD) National State Payment Mat Payment Mat Payment Mat Payment Other Orders(USD) O	Net Payment of Payment
conticus plant of the conticus	225 138 107 43 8 2 2 100000000000000000000000000000000	41.03 26.39 20.46 8.22 1.53 0.38 Market C orders 1.674 Orders 20.13 14.73 11.78 7.24 7.06	202 4 5 0 Variety at 15 Total Market Oud 90554 Market Oud 0 505 409 325 201 0	45.32 28.06 24.46	Manhataka Contro (Codunt(N)) 4 2 3 0 0 0 1 Manhataka Contro (No. Manhataka Contr	4.44 22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.	32 19 2 39 3 0 Total Other O 3,20 Non-Marketa	33.66 20.00 2.11 41.05 3.16 0.00 Other Orders 2.00 Other Orders 2.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Montal Conference (NO) Con	Maked on a per bushed and a per bushed of the pe	Paid Precised for Monte Intelligence (MOD) Output (MOD)	Material Limit Transfer Shares) Nat Payment O Nat Payment of the Control of th	Next Payment Paid Recorded (USD) Next Payment Paid Recorded for time to the Use to th	Intel Order-County have of the County Nest Payment O O O O O O O O O O O O O	Other Orders(USD) National State Payment Mad Payment Mad Payment Mad Payment Other Orders(USD) O	Nat Psymmetry Nat Psymmetry Nat Psymmetry Nat
one Non-Directions of Copital, or Copital,	225 138 107 43 8 2 2 100.00 Total Mail Total Mail Mail Mail Mail Mail Mail Mail Ma	41.03 26.39 20.46 8.22 1.53 0.38 Market C Orders 1.674 20.13 11.78 7.24 7.06 2.20	202 4 5 0 Nation as 15 Total Market Out 96.54 Market Out 0 325 201 0	45.32 28.06 24.46	Manhataka Cinit Orders(%) 4 2 3 0 0 0 1 Entire Name Adaptataka Cinit Orders 0.12 Manhataka Cinit Orders(%) 1 1 0 1 1 0 0 0 0 0 0 0 0	44.44 22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.	32 19 2 39 3 0 Total Other O 3,20 Non-Markets United Orders 0 2 0 1 166 61	33.66 2000 211 41.05 3.16 0.00 Other Orders 2000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Montal Received for Christophysics (Christophysics) (C	Market Cost per Market National per Market National per National Per National Nation	Paid Precised for Montestalls Links (1900) On State Control (1900) On State Control (1900) On State Control (1900) On State State State Control (1900) On State Sta	Market and be limit for the state of the sta	Next Payment Next Payment Paid Paramet Limit Order (USD) 0 0 0 0 0 0 0 0 0 0 0 0 0	Intel Order-County have of the County Nest Payment O O O O O O O O O O O O O	Other Orders(USD) Net Pyrmont Mat Pyrmont Mat Pyrmont Other Orders(USD) O	Net Payment of Payment
controlled pipes p	225 138 107 43 8 2 2 withed as Yorl All Total Market Souther Contents 100.00 When Chief Contents 559 440 327 201 136 61 43	41.02 26.39 20.46 8.22 1.53 0.38 Market C Orders 1.674 Market C 2.00 1.55	2002 4 5 0 Notice as 15 Total Market Out 90554 Market Out 0 325 201 0 0	45.32 28.06 24.46	Manhataka Ciroli Orders(%) 4 3 3 0 0 1 1 Manhataka Ciroli Orders 0,12 1 Manhataka Ciroli Orders(%) 1 1 1 1 1 1 1 1 1 1 1 1 1	4.44 22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.	32 19 2 39 3 0 Total Other O 3,20 Non-Markets United Orders (0 2 0 2 0 166 43	33.68 20.00 2.11 41.05 3.16 0.00 Other Orders and of Non-Directed Orders 0.00 0.00 0.63 0.00 0.63 0.00 0.65 19.06	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profife Seasons for Montana Mariana Ma	Mulest costs are the hundred shares) 0 0 0 0 1 Net Payment Pald Received for the hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid (Received for Month (Paid (Received for Note (Paid (Received for Note (Received for	Manatachini Limit Tundred shares) O O O O O O O O O O O O O	Net Payment Net Payment O O O O O O O O O O O O O	Limit Orders/control have of the control O O O O O O O O O O O O O	Other Orders(USD) Nat Payment Nat Payment Paid/Paid-school O	Nest Payment Nest Payment
countes per de la contra del la con	225 138 107 43 8 2 2 1010 Onderse 1010 Onder	41.02 26.39 20.46 8.22 1.53 0.38 Market Corders 1,674 Market C 11.78 7.24 7.06 2.20 1.55 0.83	2022 4 5 0 Sorders as N Tatast Medicine Code 90.514 Market O 0 555 400 0 0 0 23	46.32 28.06 28.06 28.06 28.06 28.06 20.00	Manhataka Ciroli Orders(%) 4 3 3 0 0 1 1 Manhataka Ciroli Orders 0,12 1 Manhataka Ciroli Orders(%) 1 1 1 1 1 1 1 1 1 1 1 1 1	Limit Orderin 44 46 22 22 33 33 0 00 0 00 0 00 0 00 0 00 0	32 19 2 39 30 3 0 Total Other O 3.20 Non-Market Aurice United Orders () 0 2 0 2 0 196 61 43	33.68 20.00 2.11 41.05 3.16 0.00 Chier Orders of the Directed of the Orders of the Directed of the Orders 0.00 0.63 0.00 0.63 0.00 0.63 19.06	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Months (No. 1997) Net Payment School (No.	Mulest costs are the hundred shares) 0 0 0 0 1 Net Payment Pald Received for the hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid (Received for Month (Paid (Received for Note (Paid (Received for Note (Received for	Manatachini Limit Tundred shares) O O O O O O O O O O O O O	Net Payment Net Payment Paid/Received for Non-Markenskie Unit Corder (UNIX) 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Orders/control have of the control O O O O O O O O O O O O O	Other Orders(USD) Nat Payment Nat Payment Paid/Paid-school O	Not Pyrents (Not P
countries of control o	225 138 107 43 8 2 2 1010 Onderse 1010 Onder	41.02 26.39 20.46 8.22 1.53 0.38 Market Corders 1,674 Market C 11.78 7.24 7.06 2.20 1.55 0.83	2022 4 5 0 Sorders as N Tatast Medicine Code 90.514 Market O 0 555 400 0 0 0 23	46.32 28.06 28.06 28.06 28.06 28.06 20.00	Manhataka Ciroli Orders(%) 4 3 3 0 0 1 1 Manhataka Ciroli Orders 0,12 1 Manhataka Ciroli Orders(%) 1 1 1 1 1 1 1 1 1 1 1 1 1	Limit Orderin 44 46 22 22 33 33 0 00 0 00 0 00 0 00 0 00 0	32 19 2 39 30 3 0 Total Other O 3.20 Non-Market Aurice United Orders () 0 2 0 2 0 196 61 43	33.68 20.00 2.11 41.05 3.16 0.00 Chier Orders of the Directed of the Orders of the Directed of the Orders 0.00 0.63 0.00 0.63 0.00 0.63 19.06	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Months (No. 1997) Net Payment School (No.	Mulest costs are the hundred shares) 0 0 0 0 1 Net Payment Pald Received for the hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid (Received for Month (Paid (Received for Note (Paid (Received for Note (Received for	Manatachini Limit Tundred shares) O O O O O O O O O O O O O	Net Payment Net Payment Paid/Received for Non-Markenskie Unit Corder (UNIX) 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Orders/control have of the control O O O O O O O O O O O O O	Other Orders(USD) Nat Payment Nat Payment Paid/Paid-school O	Not Pyrents (Not P
countries control of the control of	225 138 107 43 8 2 2 wethed as You'd All Total Market 100 00 Outlers 100 00 00 00 00 00 00 00 00 00 00 00 00	41.02 26.39 20.46 8.22 1.53 0.38 Market of Non-D 1 3.674 Market 0 2.20 1.57 0.83 0.83	2002 4 5 0 Condens set X: Total Medical C	46.32 28.06 28.46 0.36 1.20 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0	Manhestable Control Content(%) 4 2 3 4 0 0 0 1 1 Manhestable Control Content(%) 1 1 1 1 1 1 1 1 1 1 1 1 1	Limit Orders 44 44 44 22 22 22 23 33 33 0 0 00 0 0 0 0 0 0 0	32 19 2 39 3 0 Total Other O 3.20 Non-Market Market United Orders () 0 2 0 2 0 196 61 43 0 155	3166 2000 211 4105 316 000 Other Orders as files Order Orders of Non-Directed Orders 000 063 000 063 1906 1144 000 469	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Months (No. 1997) Net Payment School (No.	Mulest costs are the hundred shares) 0 0 0 0 1 Net Payment Pald Received for the hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid (Received for Month (Paid (Received for Note (Paid (Received for Note (Received for	Manatachini Limit Tundred shares) O O O O O O O O O O O O O	Net Payment Net Payment Paid/Received for Non-Markenskie Unit Corder (UNIX) 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Orders/control have of the control O O O O O O O O O O O O O	Other Orders(USD) Nat Payment Nat Payment Paid/Paid-school O	Not Proposed on the Proposed o
countries control of the control of	225 138 107 43 8 2 2 100 Orders (1)	41.02 26.39 20.46 8.22 1.53 0.38 bat of Non-Do-To-To-To-To-To-To-To-To-To-To-To-To-To	2022 4 5 0 7 Sorders as N Total Market O 0 555 400 0 1 23 0 0 0 23 0 0 0 0 0 0 0 0 0 0 0 0 0 0	46.32 28.06 28.06 2.4.46 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	Marketakk Circl Corden(S) 4 3 5 6 6 7 8 10 10 10 10 10 10 10 10 10	14 44 44 22 22 22 23 33 33 3	32 10 2 30 3 0 Total Other O 2 2 0 196 61 43 0 155	33.68 20.00 2.11 41.05 3.16 0.00 Ciber Orders of Non-Directed	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Months (No. 1997) Net Payment School (No.	Mulest costs are the hundred shares) 0 0 0 0 1 Net Payment Pald Received for the hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid (Received for Month (Paid (Received for Note (Paid (Received for Note (Received for	Manatachini Limit Tundred shares) O O O O O O O O O O O O O	Net Payment Net Payment Paid/Received for Non-Markenskie Unit Corder (UNIX) 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Orders/control have of the control O O O O O O O O O O O O O	Other Orders(USD) Nat Payment Nat Payment Paid/Paid-school O	Nat Payment of the Pa
countries gies gies standes St	225 138 167 43 8 2 2 43 100 00 100 00 00 00 00 100 100 100 100	41.02 26.39 20.46 8.22 1.53 0.38 Mainter Coders 1,674 44.73 11.78 11.78 2.20 1.55 0.88 0.54	1317 1002 4 5 0 Sorders as % Total Market Of 9554 400 325 201 0 0 0 23 0 0 23 0	45.32 28.06 24.46 0.06 1.10 0.00 Marketable of Marketabl	Machinatals Limit Orders(%) 4 2 3 0 0 0 1 Normalization Machinatals Limit Orders 10 10 10 10 10 10 10 10 10 1	14 44 44 22 22 22 23 33 33 3	32 19 2 30 3 0 7 Total Other O 2 0 2 0 196 61 43 0 15	33.68 20.00 2.11 41.05 3.16 0.00 Ciber Orders of Non-Directed	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Months (No. 1997) Net Payment School (No.	Mulest costs are the hundred shares) 0 0 0 0 1 Net Payment Pald Received for the hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid (Received for Month (Paid (Received for Note (Paid (Received for Note (Received for	Manatachini Limit Tundred shares) O O O O O O O O O O O O O	Net Payment Net Payment Paid/Received for Non-Markenskie Unit Corder (UNIX) 0 0 0 0 0 0 0 0 0 0 0 0 0	Limit Order-Growth Parks of the Control of the Cont	Nate Propresent Nate P	Nat Payment of the Pa
countries control of the control of	225 138 107 43 8 2 2 100 Orders (1)	41.02 26.39 20.46 8.22 1.53 0.38 bat of Non-Do-To-To-To-To-To-To-To-To-To-To-To-To-To	2022 4 5 0 7 Sorders as N Total Market O 0 555 400 0 1 23 0 0 0 23 0 0 0 0 0 0 0 0 0 0 0 0 0 0	46.32 28.06 28.06 2.4.46 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	Marketakk Circl Corden(S) 4 3 5 6 6 7 8 10 10 10 10 10 10 10 10 10	14 44 44 22 22 22 23 33 33 3	32 10 2 30 3 0 Total Other O 2 2 0 196 61 43 0 155	33.68 20.00 2.11 41.05 3.16 0.00 Ciber Orders of Non-Directed	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pedia (Reserved for Control (NO) (1997) Other (NO) (1997) Net Payment Pedia (1997) Net Payment Pedia (1997) 1.00 (1997	Multiplicate per property of the control of the con	Paid Presented for Monte claim Line (1909) On State Control (1909) On State Control (1909) On State Payment Paid Physical Control (1909) On State Payment On State Payme	Next Payment Next Payment Paid/Received for Majorarded Limit Next Payment Next Pay	Net Payment Net Payment Paid/Received for Rico Marketable Limit Corder (CAD) O O O O O O O O O O O O O	Limit Orders/control Mast Payment Control Mast Payment Control Control	Nate Propresent Nate P	Net Payment of the Pa
securities and securi	225 138 107 43 8 2 2 43 100 00 100 100 100 100 100 100 100 100	41.02 26.39 20.46 8.22 1.53 0.38 Mainter C 1.674 Market C 2.10 1.674 1.674 Market C 2.20 1.55 0.88 0.54 Market C 2.20 1.55 0.88 0.54	117 1002 4 5 0 0 Sorders as % Total Market Of 95.51 Links Odd 0 1325 201 0 0 0 23 0 Orders as % Total Market Odd 0 55.57	### Add	Marketaki Limit Corders(%) 4 2 3 0 0 0 1 Vest Non-Marketaki Limit Corders 122 Marketaki Limit Corders(%) 1 0 0 0 1 0 0 0 0 0 0 0 0	Unit Orders 44 44 22 22 33 33 0 00 0 00 0 00 0 00 0 00 0	32 19 2 30 3 3 0 Total Other O 2 0 196 61 43 0 15 Total Other O 166 No of Tota	33.56 20.00 2.11 41.05 3.16 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Months (March 1997) Other (CAD) Oth	Multi-Month period Marris O	Paid Precised for Note Letter List Control of the Control of Contr	Meta Payment Net Payment Polician School Committee Committee Net Payment Polician Committee Committee Net Payment Polician Committee Committee Net Payment	Met Fayment Paid(Received for Non-Marketable Lumin Coder-(URD) Not Fayment Paid(Received for Non-Marketable Lumin Coder-(URD) Not Payment Paid Payment	Intel Confessions of the Confession of the Confe	Other Orders(USD) Nat Pyrment Paid/Received for Other Orders(USD) Nat Pyrment Orders(USD) Nat Pyrment Orders(USD)	Net Payment of Control
securities and a securi	225 138 107 43 8 2 2 2 2 2 300 Orders 100 Or	41.02 26.39 20.46 8.22 1.53 0.38 Mainter C 1.674 Market C 2.10 1.674 1.674 Market C 2.20 1.55 0.88 0.54 Market C 2.20 1.55 0.88 0.54	117 1002 4 5 0 0 Sorders as % Total Market Of 95.51 Links Odd 0 1325 201 0 0 0 23 0 Orders as % Total Market Odd 0 55.57	### Add	Manhestable Limit Orders (%) A I I I I I I I I I	Unit Orders 44.4 45.6 46.0 60.0 60.0 60.0 60.0 60.0 60.0 60	32 19 2 30 3 0 15 of St. of Total Other O 2 0 2 0 166 61 43 0 15 15 Non-Adarketa	33.56 20.00 2.11 41.05 3.16 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Publisheavour for Collectivity (1997) 100 100 100 100 100 100 100 1	Multi-fact contains per form of the fact o	Paid Presented for Monte claim Line (1909) On State Control (1909) On State Control (1909) On State Payment Paid Physical Control (1909) On State Payment On State Payme	Next Payment Next Payment Paid/Received for Majorarded Limit Next Payment Next Pay	Net Payment Net Payment Paid/Received for Rico Marketable Limit Corder (CAD) O O O O O O O O O O O O O	Mest Payment And Paintent and	Other Orders(USD) Nat Payment of Other Orders(USD) Output O	Net Payment of Control
Non- New-Directed Orders at 1734 Codes 1734	225 138 107 43 8 2 2 100000000000000000000000000000000	41.02 26.39 20.46 8.22 1.53 0.38 http://doi.org/10.00	2002 A 5 5 0 Sorders at 5 10 20 Sorders at 5 20 20 20 20 0 0 23 0 0 0 23 0 0 0 0 23 0 0 0 0	### Administration ### Administration	Marketaki Limit Corders(%) 4 2 3 0 0 0 1 Vest Non-Marketaki Limit Corders 122 Marketaki Limit Corders(%) 1 0 0 0 1 0 0 0 0 0 0 0 0	22.22 33.33 0.00 0.00 0.00 0.00 0.00 0.0	32 19 2 39 3 0 10 10 10 10 10 10 10 10 10 10 10 10 1	3166 2000 211 4105 3.16 0.00 Other Orders a from Orders 0.00 0.00 0.01 0.01 0.00 0.01 0.00 0.01 0.00 0.01 0.00 0.01 0.00 0.00 0.01 0.00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Market Conference (ND) 200 200 200 200 200 200 200 2	Market Contains per Manuferd shares) 0 0 0 0 0 0 0 0 0 0 0 0 0	Paid President for Manual President of Manual	Mate Payment The	Next Payment Paid Received for Limit Orders (USD) Next Payment Paid Received for Limit Orders (USD) O O O O O O O O O O O O O	Intel Colorison of the Payment Francisco of the Payment Intel Colorison of the Payment Intel	Other Orders(USD) Mad Pyrment Mad Pyrment Pada/Received for Other Orders(USD) A Net Pyrment Pada/Received for Pada/Recei	Nest Payment Ne
incontribus incont	225 138 167 43 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	41 02 26 39 20 46 8.22 1.53 0.38 Market C 1.674 Market C 2.20 1.55 0.83 0.54 1.55 0.54 1.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	2002 4 5 0 Condens as % Total Market O 96.54 Market O 20 20 20 20 0 0 23 0 Onders as % Total Market O 25 20 0 0 23 20 0 0 0 55.67	### Add	Marketaka Limit Orders(%) 4 3 3 6 0 0 10 10 10 10 10 10 10 1	Unit Orders 44 44 22 22 33 33 0 00 0 00 0 00 0 00 0 00 0	32 19 2 30 3 0 Total Other O 2 0 196 61 43 0 15 Total Other O 15 Total Other O 15 No. Marketa	3366 2000 211 4105 316 000 Collect Orders as collected of the Corders of the Collected of the Corders 000 061 100 063 100 063 100 064 11344 000 4469 Collect Orders of the Corders of the Corders Orders	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Publisherative for Collectivity (No. 1) Net Payment Publisherative for Collectivity	Multi-Month period Marris O	Paid President for Manual President of Manual	Mate Payment The	Next Payment Paid/Received for Limit Orders(USD) Next Payment Paid/Received for Limit Orders(USD) Next Payment Faid/Received for Ron-Marketable Limit Orders(USD)	Mat Pyrmeet Non-Marketable Limit Ordersjonsty And Pyrmeet And Pyrm	Other Orders(USD) Mad Pyrment Mad Pyrment Pada/Received for Other Orders(USD) A Net Pyrment Pada/Received for Pada/Recei	Med Payment O O O O O O O O O O O O O
securities	225 138 107 43 8 2 2 100000000000000000000000000000000	41.02 26.39 20.46 8.22 1.53 0.38 4.07 4.06 4.72 11.78 7.24 7.06 2.20 1.55 0.83 0.54 Market C 2.20 1.55 0.83 0.54	2002 A	### Additional Control of Control	Marketalak Limit Orders(%) A Service	14-16 22-22 33-33 0-00 0-00 0-00 0-00 0-00 0-	32 19 2 39 3 0 Total Other O 3,29 Non-Marketa Non-Marketa 19 196 61 43 0 15 Total Other O 15 Total Other O 15 Total Other O 15	3166 2000 211 4105 316 000 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Publishers we for Market Market Control (NA) 200 200 200 200 200 200 200 200 200 20	Market Ma	Paid Precised for Montestable Links (1909) Paid Precised 1000 Pa	Next Payment Next Payment O Next Payment	Net Payment Paid/Received for Full/Received for	Mat Payment Paid Received of Received Received of Received Rec	Net Payment Net Payment Net Payment Net Payment Other Orders(USD)	Net Payment Net Pa
securities and securi	225 138 107 43 8 2 2 100000000000000000000000000000000	41.02 26.39 20.46 8.22 1.53 0.38 http://doi.org/10.30 20.13 14.73 11.78 7.24 7.06 2.20 1.55 0.83 0.54 Market C 2.70 1.55 0.83 0.54	2002 4 5 0 Continue as 15 Total Market Ord 95.54 Continue as 15 20 0 0 0 23 0 0 0 23 0 0 0 0 23 0 0 0 0	### Administration ### Administration	Manhataka Ciroli Orders(%) A Service of Manhataka Ciroli Orders (%) Manhataka Ciroli Orders(%) Manhataka Ciroli Orders(%) Manhataka Ciroli Orders(%) Tributor of Manhataka Ciroli Orders (%) Manhataka Ciroli Orders(%) Manhataka Ciroli Orders(%) Manhataka Ciroli Orders(%) Manhataka Ciroli Orders(%)	22.22 23.33 20.00	32 19 2 39 3 0 10 10 10 10 10 10 10 10 10 10 10 10 1	3166 2000 211 4105 3.16 0.00 Other Orders a free free free free free free free fr	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Profif Received for Market Other (VAD) And Payment Published to the Control (VAD) And Payment Published to the Control (VAD) And Control (VAD) And Payment Published to the Control (VAD) And Control	Mulest costs per function of the cost per func	Paid Precision for for format programment Paid Precision for format programment programm	Near Payment Near Payment Policy Reserved Near Payment Policy Reserved Near Payment Policy Reserved Near Payment Near Pa	Net Payment Paiglifective for Non-Marketable Unit Order (URS) Net Payment Paiglifective for Non-Marketable Unit Order (URS) O O O O O O O O O O O O O O O O O O	Mat Pyrmeet Non-Marketable Limit Ordersjonsty And Pyrmeet And Pyrm	Nata Payment Nata Payment Paid/Nacohed Coders(USD) Nata Payment Na	Met Payment Net Payment Authority Authori

Choe EDGX US																		
Equities Exchange(EDGX)	133	1.53	0	0.00	0	0.00	133	19.44	0	0.00	0	0	0	0	0	0	0 0	0
NASDAQ Execution Services, LLC(NSDQ)	115	1.32	0	0.00	1	2.94	114	16.67	0	0.00	0	0	0	0	0	0	0 0	0
NYSE Arca(ARCA) Instinet BlockCross(BLKX)	100 63	0.72	0	0.00	0	0.00	100	0.00	63	1.91	0	0	0	0		0	0 0	
August 2022																		
Option Contracts																		
Summary	n-Directed	Marks	t Orders as %	Marketa	able Limit	Non-Mari Limit Ord	rketable ders as % of	Other Orders a	4%									
Orders Ord	ters as % of All Total M ters Orders 100.00	Order 449	-Directed Total I Limit 6 72.42	Marketable Orders a Orders Directed	is % of Non- I Orders Total Non-Marketable Limit Orders 1.94	Non-Dire Orders 159	Total Or 25.65	of Non-Directe ther Orders Orders	0.00									
Venues															Net Payment			
										Net Payment Paid/Received fo	Net Payment Paid/Received for Market	Net Payment Paid/Received for	Net Payment Paid/Received for Marketable Limit	Net Payment Paid/Received for	Net Payment Paid/Received for Non-Marketable Limit Orders/cents	Net Payment	Net Payment Paid/Received for Other Orders/cents	
Venue - Non- Non directed Order Flow Ord Citadel Securities	n-Directed Non-Dir lers Orders(t Orders Marke	t Orders(%) Orders	ble Limit Marketable Limit Orders(%)	Non-Mari Limit Ord			Other Orders(1	Paid/Received fo Market K) Orders(USD)	Orders(cents per hundred shares)	Paid/Received for Marketable Limit Orders(USD)	Orders(cents per hundred shares)	Paid/Received for Non-Marketable Limit Orders(USD	per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	per hundred shares)	
LLC(CDRG) Dash Financial Technologies	294	44.34	222	49.44	9	69.23	63	31.34	0	0.00	0	0	0	0	0	0	0 0	0
LLC(DASH) Susquehanna	128	19.31	80	17.82	0	0.00	48	23.88	0	0.00	0	0	0	0	0	0	0 0	0
Capital Group(SUSQ)	128	19.31	122	27.17	4	30.77	2	1.00	0	0.00	0	0	0	0	0	0	0 0	0
Wolverine Execution Services LLC(WEXX)	95	14.33	10	2.23	0	0.00	85	42.29	0	0.00	0	0	0	0	0	0	0 0	0
Morgan Stanley & Company LLC(MSCO)	18	2.71	15	3.34	0	0.00	3	1.49	0	0.00	0	0	0	0	0	0		0
September 2022																		
S&P 500 Stocks																		
Summary	n-Directed	Marks	t Orders as %	Marketa	able Limit	Non-Mari Limit Ord	ketable Jers as % of	Other Orders a	s %									
Total Non-Directed Ord Orders Ord 1,965	lers as % of All Total M lers Orders 100.00	larket of Nor Order 1,942		Marketable Orders a Orders Directed	is % of Non- I Orders Total Non-Marketable Limit Orders 0.05	Non-Dire Orders 20	ders as % of octed Total O	of Non-Directe ther Orders Orders	0.10									
Venues															Net Payment			
										Net Payment Paid/Received fo	Net Payment Paid/Received for Market	Net Payment Paid/Received for	Net Payment Paid/Received for Marketable Limit	Net Payment Paid/Received for	Net Payment Paid/Received for Non-Marketable Limit Orders(cents	Net Payment	Net Payment Paid/Received for Other Orders(cents	
Venue - Non- Non directed Order Flow Ord	n-Directed Non-Dir fers Orders(rected %) Marks	t Orders Marke	Marketa t Orders(%) Orders	ble Limit Marketable Limit Orders(%)	Non-Mari Limit Ord	ketable Non-Ma ders Limit O	arketable rders(%) Other Orders	Other Orders(1	Market	Orders(cents per hundred shares)	Marketable Limit Orders(USD)	Orders(cents per hundred shares)	Non-Marketable Limit Orders(USD	per hundred	Paid/Received for Other Orders(USD)	other Orders(cents per hundred shares)	
National Financial Services LLC(XSTM) Citadel Securities	1,141	37.47	0	0.00	0	0.00	0	0.00	1,141	98.11	0	0	0	0	0	0	0 0	0
LLC(CDRG) G1 Execution	639	20.99	637	36.28	0	0.00	1	0.81	1	0.09	0	0	0	0	0	0	0 0	0
Services, LLC(ETMM) VIRTU Americas,	473	15.53	471	26.82	1	50.00	1	0.81		0.00	0	0	0	0	0	0	0 0	
LLC(NITE) Jame Street Capital, LLC(JNST)	406 208	13.33	404 208	23.01 11.85	0	0.00	0	0.81		0.09	0	0	0	0			0 0	
NASDAO Everution																		
Services, LLC(NSDQ)	68 36	2.23 1.18	0	0.00	1 0	50.00	67 36	54.03 29.03	0	0.00	0	0	0	0	0	0	0 0	
Exchange(NYSE) Two Sigma Securities,													0		0			
LLC(SOHO) Instinet BlockCross(BLKX)	22 20	0.72	22	1.25 0.00	0	0.00	0	0.00		1.72	0	0	0	0			0 (
Choe EDGX US Equities Exchange(EDGX)	16	0.53	0	0.00	ó	0.00	16	12.90	0	0.00	0	0	0	0	0	0	0 0	0
September 2022																		
Non-S&P 500 Stocks																		
Summary	n-Directed	Marke	t Orders as %	Marketa	able Limit	Non-Mari Limit Ord	ketable ders as % of	Other Orders a	4%									
Total Non-Directed Ord Orders Ord 3,796	ters as % of All Total M ters Orders 100.00	larket of Nor Order 3,523	-Directed Total I Limit 6 92.81	Marketable Orders a Orders Directed 46	is % of Non- I Orders Total Non-Marketable Limit Orders 1.21	Non-Dire Orders 227	cted	of Non-Directe ther Orders Orders	0.00									
Venues															Net Payment			
										Net Payment Paid/Received fo	Net Payment Paid/Received for Market	Net Payment Paid/Received for	Net Payment Paid/Received for Marketable Limit	Net Payment Paid/Received for	Paid/Received for Non-Marketable Limit Orders(cents	Net Payment	Net Payment Paid/Received for Other Orders(cents	
Venue - Non- Non directed Order Flow Ord	n-Directed Non-Dir Sers Orders(rected %) Marks	t Orders Marke	Marketa t Orders(%) Orders	able Limit Marketable Limit Orders(%)	Non-Mari Limit Ord	ketable Non-Ma lers Limit O	arketable rders(%) Other Orders	Other Orders(1	Market (S) Orders(USD)	Orders(cents per hundred shares)	Marketable Limit Orders(USD)	Orders(cents per hundred shares)	Non-Marketable Limit Orders(USD	per hundred shares)	Paid/Received for Other Orders(USD)	per hundred shares)	
National Financial Services LLC(XSTM)	2,775	38.50	0	0.00	0	0.00	0	0.00	2,775	97.92	0	0	0	0	0	0	0 0	0
Citadel Securities LLC(CDRG) G1 Execution	1,316	18.26	1,268	36.17	20	43.48	28	3.41	0	0.00	0	0	0	0	0	0	0 0	0
Services, LLC(ETMM) VIRTU Americas,	954	13.24	932	26.58	9	19.57	13	1.58		0.00	0	0	0	0	0	0	0 (
LLC(NITE) Jane Street Capital, LLC(INST)	893 409	12.39 5.68	869 388	24.79 11.07	7	15.22 19.57	17	2.07 1.46		0.00	0	0	0	0	0	0	0 0	
New York Stock Exchange(NYSE)	271	3.76	0	0.00	0	0.00	271	33.01		0.00	0	0		0		0	0 (
NASDAQ Execution Services, LLC(NSDO)	133	1.85		0.00	0	0.00	133	16.20	0	0.00	0	0	0	0	0	0	0 -	0
Choe EDGX US Equities Exchange(EDGX)	135	1.85		0.00	0	0.00	133	15.10	0	0.00	0	0	0	-	-	0	0 (
NYSE American(AMEX)		1.11	0	0.00	0	0.00	80	9.74	0	0.00				0			0 0	0
American(AMEX)	80			0.00	0	0.00	77	9.38	0	0.00	0	0	0	0	0	0	0 (0
NYSE Arca(ARCA)	80 77	1.07																
NYSE Arca(ARCA) September 2022	80 77	1.07	0															
NYSE Arca(ARCA) September 2022 Option Contracts Summary	77	1.07	t Orders as %	Market	nble Limit	Non-Mari Limit Ord	\etable ers as % of	Other Orders a	4%									
NYSE Arca(ARCA) September 2022 Option Confracts Summary Non Total Non-Directed Ord	s-Directed lers as % of All Total M	1.07 Market of Norter	Limit	Market	able Limit a X of Non- Orders Total Non-Marketable Limit Orders	Orders	rketable ders as % of icted Total Or	Other Orders a of Non-Directe ther Orders Orders	d									
NYSE Arca(ARCA) September 2022 Option Contracts Summary Non Total Non-Directed Ord	77 -Directed fers as % of All Total M	1.07 Market of No.	-Directed Total !	Market	oble Limit s % of Non- Corders Total Non-Marketable Limit Orders 1.32	Non-Mari Limit Ord Non-Dire Orders 129	eketable Sers as % of Incted Total Of 21.32	of Non-Directe ther Orders Orders	s% d						Mar 8			
NYSE Arca(ARCA) September 2022 Option Contracts Summary Non Total Non-Directed Ord Orders 005	s-Directed lers as % of All Total M	1.07 Market of Norter	-Directed Total I	Market		Orders	Total Or	of Non-Directe ther Orders Orders	d	Net Payment	Net Payment Paid/Received for	Net Payment	Net Payment Paid/Received for	Net Payment	Net Payment Paid/Received for Non-Marketable		Net Payment Paid/Received for	
NYSE Arca(ARCA) September 2022 Option Contracts Summary Non Total Non-Directed Ord Orders Ord 605 Venues	77 n-Directed fers as % of All Total M fers 100.00	1.07 Market of Nor- Order 465	-Directed Total I Limit 6 76.86	Marketable Orders Directed		Orders	Total O	of Non-Directe ther Orders 0 0	d	Paid/Received fo Market	Net Payment Paid/Received for Market Ordes/Cents per hundred shares)	Net Payment Paid/Received for Markstable Limit Orders (USS)	Net Payment Paid/Received for Marketable Limit Orders/cents par hundred shares)	Net Payment Paid/Received for Non-Markstable Limit Orders(USD	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per bundred shares)	Net Payment Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred	
NYSE Arcs(ARCA) September 2022 Option Contracts Summary Total Non-Directed Ord Orders Ord Venues Venues - Non- directed Order Flow Ord Chadel Securities LEC(COMB)	77 n-Directed fers as % of All Total M fers 100.00	1.07 Market of Nor- Order 465	-Directed Total I Limit 6 76.86	Marketable Orders Directed	us vio f Non- Total Non-Marketable Limit Orders 1.82	Orders 129 Non-Mari	Total O	of Non-Directe ther Orders 0 0	d 0.00 Other Orders(1	Paid/Received fo Market	Paid/Received for Market Orders(cents per	Orders(USD)		Net Payment Paid/Received for Non-Markotable Limit Orders(USD 0	Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred	
NYSE Area(ARCA) Septimine 2022 Option Contracts Summary No Total Non-Directed One Orders Other University Venue - Non-Ministed Order Flow Order List (Contract) List (Contract) Copial List (Contract) Copial Co	77 - Directed fen as % of All Total M fens 100.00 - Directed Non-Directed Non-Directed Non-Orders	1.07 Market Market of Nor- Order 465	-Directed Total I i Umit 4 76.86	Marketable Orders Directed 11 Market, Market, t Orders(%) Orders	s v of Noo- Orders Total Non-Marketable Limit Orders 1.82 1.82 ble Limit Marketable Limit Orders(%)	Orders 129 Non-Mari Limit Ord	Total Of 21.32 *ketable Non-Ma fers Limit Or	of Non-Directe ther Orders Orders orders arketable rders(%) Other Orders	d 0.00 Other Orders(1	Paid/Received fo Market Grders(USD)	Paid/Received for Market Orders(cents per hundred shares)	Orders(USD)	0	0	Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred shares)	0
NYSE Area(ARCA) Septime Contracts Sprince Contracts Sprince Contracts On Total Non-Directed One Total Non-Directed One Ones Other Venues Ve	77 h-Directed Telan as % of All Telal March 100.00 Criders 100.00 h-Cirected Nano-Directed Criders 335	1.07 Market of Nor-Order 465 mected SQ Market 50.53	- Directed Total Limit 4 76.86	Marketable Orders Directed 11 Market Corders Orders 11 Market Corders(K) Orders S6.00	s to of Noo. Total Non-Marketable Limit Orders 1.32 Marketable Limit Orders(%) 4	Orders 129 Non-Mari Limit Ord 36.36	Total Of 21.32 *ketable Non-Mi fers Limit Or	of Non-Directe ther Orders Orders orders orders orders orders orders(%) Other Orders 36.72	d 0.00 Other Orders(1	Paid/Received for Market K) Orders(USD)	Paid/Received for Market Orders(cents per hundred shares)	Orders(USD)	0	0	Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred shares)	0
NYSE Area(ARCA) Septime Contracts Sprince Contracts Sprince Contracts On Total Non-Directed One Total Non-Directed One Ones Other Venues Ve	77 a-Directed fern as % of All Total M Total	1.07 Market of No.04 465 Market of No.04 17.04 16.29	-Directed Total Limit 4 76.86 tt Orders Marke 266 108	Marketable Marketable Orders 11 Marketable Side Orders 11 Marketable Orders 11 Marketable Orders 15 600 22.24	as is of fileson Total Non-Merketable Limit Orders 127 Total Non-Merketable Limit Orders All Limit Merketable Limit Orders(%) 4 4	Orders 129 Non-Mari Limit Ord 36.36 36.36	Total Of 21:32 Non-Mi fartable Non-Mi for 65 1 31	of Non-Directe ther Orders Orders Orders Other Orders 36.72 0.56 17.51	d 0.00 Other Orders(1 0 0	Paid/Received fo Market Crders(USD) 0.00	Paid/Received for Market Corders(cents per hundred shares)	Orders(USD) 0	0	0	Non-Marketable Limit Orders(cents per hundred shares)	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred shares)	0
ness Area/ARCA/ Sapanese 2022 Option Contents 1 Summary Total Non-Directed Ord Orders Other Venues Non- Non- directed Order Flow Ord Greated Non- Classification of Contents	27 - Christiad Inn sa Kri of All Total Main Christian Sci of A	1.07 Market of No. Order 465 Market 50,53 17.04 16.29	-Directed Total Limit 4 76.86 t Orders Marke 266 108 77 5	Marketable Orders 11 Marketable Orders 11 Market Orders 12 Market Orders 15 56 00 22 74 16 21	As of Places Total Non-Marketable Limit Orders 127 Total Non-Marketable Limit Orders(%) 4 4 0	Orders 129 Non-Mar Limit Ord 36.36 0.00	Total Of 21.32 Chestable Rers Non-Mills Of 65 1 31	of Non-Directs Orders Orders arkestable Other Orders 36.72 0.56 17.51	d 0.00 Other Orders(1 0 0	Paid/Received for Market Ordens(USD) 0.00 0.00	Paid/Received for Market Orders(cents per hundred shares) 0	Orders(USD) 0 0	0	0	Non-Marketable Limit Orders(cents) per hundred shares) 0	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred)	0
NYSE Area(ARCA) Septime Contracts Sprince Contracts Sprince Contracts On Total Non-Directed One Total Non-Directed One Ones Other Venues Ve	77 a-Directed fern as % of All Total M Total	1.07 Market of No.04 465 Market of No.04 17.04 16.29	-Directed Total Limit 4 76.86 tt Orders Marke 266 108	Marketable Marketable Orders 11 Marketable Side Orders 11 Marketable Orders 11 Marketable Orders 15 600 22.24	as is of fileson Total Non-Merketable Limit Orders 127 Total Non-Merketable Limit Orders All Limit Merketable Limit Orders(%) 4 4	Orders 129 Non-Mari Limit Ord 36.36 36.36	Total Of 21:32 Non-Mi fartable Non-Mi for 65 1 31	of Non-Directe ther Orders Orders Orders Other Orders 36.72 0.56 17.51	d 0.00 Other Orders(1 0 0	Paid/Received fo Market Crders(USD) 0.00	Paid/Received for Market Orders(cents per hundred shares) 0	Orders(USD) 0 0	0	0	Non-Marketable Limin Orders(cents) per hundred shares) 0	Paid/Received for Other Orders(USD)	Paid/Received for Other Orders(cents per hundred shares)	0