# PNC INVESTMENTS, LLC - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2024

PNC Investments LLC (PNCI) routes all "non-directed orders" to National Financial Services LLC (NFS) pursuant to a fully disclosed clearing agreement. NFS selects the execution venues for these orders on behalf of PNCI. Other than the clearing arrangement with NFS, PNCI does not have any arrangement with the execution venues listed and does not receive any payment for order flow. The order routing information contained in this report is provided by NFS.

April 2024

#### S&P 500 Stocks

Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
25,082	100.00	22,659	90.34	440	1.75	1,782	7.10	201	0.80

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 Market Orders(USD)	Paid/Received for Market Orders(cents	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	
Citadel Securities																		
LLC(CDRG)	8,260	27.55	7,623	31.38	137	22.46	412	8.45	88	43.78	3 0	0	0	(	0	0	C	0
VIRTU Americas,																		
LLC(NITE)	6,565	21.90	6,099	25.10	82	13.44	293	6.01	91	45.27	7 C	0	0	(	0	0	C	0
Jane Street Capital,																		
LLC(JNST)	4,572	15.25	4,257	17.52	88	14.43	227	4.66	C	0.00	o  c	0	0		0	0	C	0
G1 Execution Services,																		
LLC(ETMM)	4,251	14.18	3,961	16.30	57	9.34	224	4.59	g	4.48	3 0	0	0	(	0	0	C	0
National Financial																		
Services LLC(XSTM)	2,134	7.12	1,979	8.15	155	25.41	0	0.00	C	0.00	0 0	0	0	(	0	0	C	0
New York Stock																		
Exchange(NYSE)	1,787	5.96	0	0.00	g	1.48	1,778	36.47	(	0.00	0 0	0	0	(	0	0	C	0
NASDAQ Execution																		
Services, LLC(NSDQ)	1,639	5.47	0	0.00	38	6.23	1,601	32.84	(	0.00	0 0	0	0	(	0	0	C	0
Choe EDGX US Equities																		
Exchange(EDGX)	232	0.77	0	0.00	C	0.00	232	4.76	(	0.00	0 0	0	0	(	0	0	C	0
StoneX Financial																		
INC.(INTL)	137	0.46	127	0.52	3	0.49	7	0.14	(	0.00	0 0	0	0	(	0	0	C	0
UBS Securities,																		
LLC(UBSS)	134	0.45	112	0.46	2	0.33	8	0.16	12	5.97	7 C	)  0	0		0	)	l c	0

### Non-S&P 500 Stocks

Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
29,723	100.00	26,489	89.12	599	2.02	2,402	8.08	233	0.78

#### Venues

Citadel Securities LLC(DRG) 9,691 23.68 8,987 27.66 179 19.14 429 5.90 96 41.20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non- Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD)	Paid/Received for Market Orders(cents	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	
LLC(DRG)   9,691   23.68   8,987   27.66   179   19.14   429   5.90   96   41.20   0   0   0   0   0   0   0   0   0															·				
VIRTU Americas, LLC(NITE) 7,598 18.56 7,055 21.72 146 15.61 276 3.79 121 51.93 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0.504																	
LLC(NITE)   7,598   18.56   7,055   21.72   146   15.61   276   3.79   121   51.93   0   0   0   0   0   0   0   0   0		9,691	23.68	8,987	27.66	1/9	19.14	429	5.90	96	41.20	) (	0	0	L C	0	0	· ·	0
National Financial Services LLC(NSTM)   6,505   15.89   6,189   19.05   316   33.80   0   0.00   0   0.00   0   0   0   0		7 509	19 56	7.055	21 72	146	15.61	276	2 70	121	51 03					,		,	
Services LLC(XSTM)   6,505   15.89   6,189   19.05   316   33.80   0   0.00   0   0.00   0   0   0   0		7,556	18.50	7,033	21.72	. 140	15.01	270	3.73	121	31.30	,	, 0	1		,	,	1	-
Jane Street Capital,   LLC(INST)   5,324   13.01   5,047   15.53   85   9.09   192   2.64   0   0.00   0   0   0   0   0   0   0																			
LLC(JNST)   5,324   13.01   5,047   15.53   85   9.09   192   2.64   0   0.00   0   0   0   0   0   0   0		6,505	15.89	6,189	19.05	316	33.80	C	0.00	0	0.00	) (	0	0	C	0	0	( C	0
G1 Execution Services, LLC(ETMM)	Jane Street Capital,																		
LLC(ETMM)         4,973         12.15         4,678         14.40         96         10.27         189         2.60         10         4.29         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         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         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         0         0         0         0         0         0         0         0         0         0         0         0         0	LLC(JNST)	5,324	13.01	5,047	15.53	85	9.09	192	2.64	l c	0.00	) (	0	0	C	) c	) c	c c	0
NASDAQ Execution Services, LLC(NSDQ) 2,280 5.57 0 0.00 21 2.25 2,259 31.05 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	G1 Execution Services,																		
Services, LLC(NSDQ)   2,280   5.57   0   0.00   21   2.25   2,259   31.05   0   0.00   0   0   0   0   0   0   0	LLC(ETMM)	4,973	12.15	4,678	14.40	96	10.27	189	2.60	10	4.29	) (	0	0	C	0	0	C	0
New York Stock   Exchange(NYSE)   1,872   4.57   0   0.00   9   0.96   1,863   25.61   0   0.00   0   0   0   0   0   0   0	NASDAQ Execution																		
Exchange(NYSE)         1,872         4.57         0         0.00         9         0.96         1,863         25.61         0         0.00         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         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         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         0         0         0         0         0         0         0         0         0         0         0         0         0	Services, LLC(NSDQ)	2,280	5.57	0	0.00	21	2.25	2,259	31.05	l c	0.00	) (	0	0		ol o	o  c	l c	0
NYSE Arca(ARCA) 887 2.17 0 0.00 4 0.43 883 12.14 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	New York Stock																		
NYSE Arca(ARCA) 887 2.17 0 0.00 4 0.43 883 12.14 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Exchange(NYSE)	1,872	4.57	l o	0.00	9	0.96	1,863	25.61	l c	0.00		0	0		ol o	o  c		0
Choe EDGX US Equities	NYSE Arca(ARCA)			0	0.00	1	0.43	883	12.14	C	0.00		0	0		0	0	C	0
Exchange(EDGX)         631         1.54         0         0.00         0         0.00         631         8.67         0         0.00         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         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         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         0         0         0         0         0         0         0         0         0         0         0         0         0																			
Members			1.54	l 0	0.00	ا ا	0.00	631	8.67	l .	0.00	) (	0	0		ه ار	) .	ا ا	0
		1			-				1										
	Exchange(MEMX)	230	0.56	1	0.00	ا ا	0.00	230	3.16		0.00			١		ا ا	را ا	، ا	ا ا

## April 2024

#### **Option Contracts**

Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
97	100.00	58	59.79	6	6.19	27	27.84	6	6.19

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non- Marketable Limit Orders(%)	Other Orders	Other Orders(%)		Net Payment Paid/Received for Market Orders(cents per hundred shares)			Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	42	41.58	27	46.55	1	. 20.00	11	34.38	3	50.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	24	23.76	13	22.41	1	. 20.00	9	28.13	1	16.67	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	22	21.78	16	27.59	3	60.00	1	3.13	2	33.33	o	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	10	9.90	0	0.00	C	0.00	10	31.25	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	3	2.97	2	3.45	C	0.00	1	3.13	0	0.00	0	0	0	0	0	0	0	0

### S&P 500 Stocks

### Summary

Total Non-Directed	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
21,105	100.00	19,016	90.10	322	1.53	1,652	7.83	115	0.54

venues					1									1	1			
Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non- Marketable Limit Orders(%)	Other Orders	Other Orders(%)	Net Payment Paid/Received for Market Orders(USD)	Paid/Received for Market Orders(cents	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	
Citadel Securities																		
LLC(CDRG)	6,523	24.30	6,018	29.34	88	20.3	363	6.27	54	46.96	5 (	0	0	0	0	0	0	0
VIRTU Americas,																		
LLC(NITE)	5,383	20.05	4,964	24.20	74	17.1	294	5.08	51	44.35	5 0	0	0	o	0	0	0	0
G1 Execution Services,																		
LLC(ETMM)	4,125	15.36	3,849	18.76	62	14.3	211	3.65	3	2.63	1 (	0	0	O	0	0	0	0
Jane Street Capital,																		
LLC(JNST)	3,758	14.00	3,514	17.13	49	11.3	195	3.37	C	0.00	0 0	0	0	0	0	0	0	0
New York Stock																		
Exchange(NYSE)	2,468	9.19	0	0.00	4	0.9	2,464	42.59	C	0.00	) (	0	0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	1,961	7.30	0	0.00	17	3.9	1,944	33.60	C	0.00	) (	0	0	0	0	0	0	0
National Financial																		
Services LLC(XSTM)	1,912	7.12	1,799	8.77	113	26.0	0	0.00	C	0.00	o  c	0	0	0	0	0	0	0
Cboe EDGX US Equities																		
Exchange(EDGX)	210	0.78	0	0.00	C	0.0	210	3.63	C	0.00	) (	0	0	0	0	0	0	0
StoneX Financial																		
INC.(INTL)	185	0.69	173	0.84	2	0.5	10	0.17	C	0.00	) (	0	0	0	0	0	0	0
UBS Securities,																		
LLC(UBSS)	107	0.40	95	0.46	[ C	0.0	8	0.14	4	3.48	8  (	0	0	0	0	0	0	0

### Non-S&P 500 Stocks

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Total Non-Directed	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
27,728	100.00	24,729	89.18	495	1.79	2,295	8.28	209	0.75

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 Market Orders(cents per hundred shares)		Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	8,482	21.90	7,830	25.69	139	16.83	393	5	120	57.42	0	0	0	0	0	0	0	0
VIRTU Americas, LLC(NITE)	6,988	18.04	6,548	21.49	109	13.20	257	3.56	74	35.41	0	0	0	0	0	0	0	0
National Financial												-		-	-			-
Services LLC(XSTM)	6,245	16.12	5,936	19.48	309	37.41	0	0.00	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services,																		
LLC(ETMM)	5,442	14.05	5,142	16.87	98	11.86	196	2.71	6	2.87	0	0	0	0	0	0	0	0
Jane Street Capital,																		
LLC(JNST)	4,676	12.07	4,431	14.54	81	9.81	164	2.27	0	0.00	0	0	0	0	0	0	0	0
New York Stock																		
Exchange(NYSE)	2,440	6.30	0	0.00	7	0.85	2,433	33.66	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	2,070	5.34	0	0.00	24	2.91	2,046	28.30	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities																		
Exchange(EDGX)	627			0.00	0	0.00	627		0	0.00	0	0	0	0	0	0	0	0
NYSE Arca(ARCA)	618	1.60	0	0.00	3	0.36	615	8.51	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial																		
INC.(INTL)	244	0.63	232	0.76	4	0.48	8	0.11	0	0.00	0	0	0	0	0	0	0	0

### **Option Contracts**

Summary

Total Non-Directed	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
105	100.00	62	59.05	7	6.67	32	30.48	4	3.81

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		for Market	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Paid/Received for Marketable Limit	Orders(cents per hundred	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities LLC(CDRG)	40	44.00	20	40.20		0.00	17	40.57		25.00		0						
	48	44.86	30	48.39	U	0.00	17	48.57	1	25.00	U	U	U	0	U	U	U	0
Susquehanna Capital																		
Group(SUSQ)	23	21.50	17	27.42	2	33.33	1	2.86	3	75.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	18	16.82	8	12.90	2	33.33	8	22.86	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley &					_				-		-	_			-		_	
Company LLC(MSCO)	9	8.41	7	11.29	1	16.67	1	2.86	0	0.00	0	0	0	0	0	0	0	0
Wolverine Execution																		
Services LLC(WEXX)	9	8.41	0	0.00	1	16.67	8	22.86	0	0.00	0	0	0	0	0	0	0	0

June 2024

### S&P 500 Stocks

Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
17,947	100.00	16,164	90.07	299	1.67	1,389	7.74	95	0.53

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non- Marketable Limit Orders(%)	Other Orders	Other Orders(%)		Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)		Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities																		
LLC(CDRG)	5,297	23.49	4,914	27.51	70	19.13	276	6.54	37	38.95	0	0	0	0	0	0	0	0
VIRTU Americas,																		
LLC(NITE)	5,046	22.38	4,641	25.98	66	18.03	281	6.65	58	61.05	0	0	0	0	0	0	0	0
Jane Street Capital,																		
LLC(JNST)	3,222	14.29	3,009	16.84	47	12.84	166	3.93	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services,																		
LLC(ETMM)	3,219	14.28	2,988	16.73	50	13.66	181	4.29	0	0.00	0	0	0	0	0	0	0	0
National Financial																		
Services LLC(XSTM)	2,040	9.05	1,966	11.01	74	20.22	0	0.00	0	0.00	0	0	0	0	0	0	0	0
New York Stock																		
Exchange(NYSE)	1,592	7.06	0	0.00	3	0.82	1,589	37.63	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution																		
Services, LLC(NSDQ)	1,546	6.86	0	0.00	41	11.20	1,505	35.64	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial																		
INC.(INTL)	174	0.77	161	0.90	4	1.09	9	0.21	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities																		
Exchange(EDGX)	161	0.71	0	0.00	0	0.00	161	3.81	0	0.00	0	0	0	0	0	0	0	0
UBS Securities,																		
LLC(UBSS)	95	0.42	90	0.50	1	0.27	4	0.09	0	0.00	0	0	0	0	0	0	0	0

### Non-S&P 500 Stocks

Summary

	Total Non-Directed	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
Į	22,865	100.00	20,322	88.88	401	1.75	1,983	8.67	159	0.70

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 Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities	6.040	21.47	6,305	25.42	442	20.04	205	4.76	0.7	64.04								0
LLC(CDRG)	6,810	21.47	6,305	25.42	113	20.04	295	4.76	97	61.01	U	0	U	U	U	U	U	U
VIRTU Americas, LLC(NITE)	6,305	19.87	5,905	23.80	86	15.25	259	4.18	55	34.59	0	0	0	0	0	0	0	0
National Financial Services LLC(XSTM)	4,801	15.13	4,640	18.70	161	28.55	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Jane Street Capital,	,																	
LLC(JNST)	4,057	12.79	3,816	15.38	63	11.17	178	2.87	0	0.00	0	0	0	U	0	0	0	0
G1 Execution Services, LLC(ETMM)	3,839	12.10	3,596	14.50	68	12.06	175	2.83	0	0.00	0	0	0	0	0	0	0	0
New York Stock					- 50													
Exchange(NYSE)	1,987	6.26	0	0.00	8	1.42	1,979	31.95	0	0.00	0	0	0	0	0	0	0	0
NASDAQ Execution			_						_		_	_			_			_
Services, LLC(NSDQ)	1,664	5.25	0	0.00	20	3.55	1,644	26.54	0	0.00	0	0	0	C	0	0	0	0
Cboe EDGX US Equities																		
Exchange(EDGX)	570			0.00	0	0.00	570		0	0.00		0	0	0	0	0	0	0
NYSE Arca(ARCA)	561	1.77	0	0.00	6	1.06	555	8.96	0	0.00	0	0	0	0	0	0	0	0
StoneX Financial																		
INC.(INTL)	239	0.75	225	0.91	4	0.71	10	0.16	0	0.00	0	0	0	0	0	0	0	0

### **Option Contracts**

Summary

Total Non-Directed	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non- Directed Orders		Marketable Limit Orders as % of Non- Directed Orders		Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non- Directed Orders
161	100.00	59	36.65	17	10.56	83	51.55	2	1.24

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)	Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	Non- Marketable Limit Orders(%)	Other Orders	Other Orders(%)		Net Payment Paid/Received for Market Orders(cents per hundred shares)	Paid/Received for Marketable Limit	Orders(cents per hundred	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Orders(cents per hundred	Paid/Receive d for Other	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Citadel Securities												<u>'</u>	. ,	·	, ,	·	. ,	
LLC(CDRG)  Dash Financial	79	48.47	31	52.54	9	50.00	39	46.43	0	0.00	0	0	0	0	0	0	0	0
Technologies LLC(DASH)	25	15.34	6	10.17	1	5.56	18	21.43	0	0.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	22	13.50	16	27.12	4	22.22	0	0.00	2	100.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	22	13.50	0	0.00	0	0.00	22	26.19	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	15	9.20	6	10.17	4	22.22	5	5.95	0	0.00	0	0	0	0	0	0	0	0