

July 2023

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	Total Marketable Limit Orders
39	100.00	24	61.54	6

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	16	38.10	11	45.83
VIRTU Americas, LLC(NITE)	7	16.67	5	20.83
Jane Street Capital, LLC(JNST)	6	14.29	3	12.50
G1 Execution Services, LLC(ETMM)	5	11.90	5	20.83
New York Stock Exchange(NYSE)	4	9.52	0	0.00
Cboe EDGX US Equities Exchange(EDGX)	2	4.76	0	0.00
Members Exchange(MEMX)	1	2.38	0	0.00
NASDAQ Execution Services, LLC(NSDQ)	1	2.38	0	0.00

July 2023

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	Total Marketable Limit Orders
	75	100.00	68	90.67
				2

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	27	32.53	26	38.24
VIRTU Americas, LLC(NITE)	17	20.48	16	23.53
Jane Street Capital, LLC(JNST)	14	16.87	14	20.59
G1 Execution Services, LLC(ETMM)	12	14.46	11	16.18
NASDAQ Execution Services, LLC(NSDQ)	6	7.23	0	0.00
New York Stock Exchange(NYSE)	2	2.41	0	0.00
NYSE Arca(ARCA)	1	1.20	0	0.00
Instinet				
BlockCross(BLKX)	1	1.20	0	0.00
Cboe EDGX US Equities Exchange(EDGX)	1	1.20	0	0.00
Members Exchange(MEMX)	1	1.20	0	0.00

July 2023

Option Contracts
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders
5	100.00	5	100.00	0

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Susquehanna Capital Group(SUSQ)	4	80.00	4	80.00
Citadel Securities LLC(CDRG)	1	20.00	1	20.00

August 2023

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	Total Marketable Limit Orders
31	100.00	29	93.55	1

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	9	27.27	9	31.03
VIRTU Americas, LLC(NITE)	9	27.27	9	31.03
Jane Street Capital, LLC(JNST)	5	15.15	5	17.24
G1 Execution Services, LLC(ETMM)	3	9.09	3	10.34

NASDAQ Execution Services, LLC(NSDQ)	2	6.06	0	0.00
Two Sigma Securities, LLC(SOHO)	2	6.06	2	6.90
Cboe EDGX US Equities Exchange(EDGX)	1	3.03	0	0.00
New York Stock Exchange(NYSE)	1	3.03	0	0.00
UBS Securities, LLC(UBSS)	1	3.03	1	3.45

August 2023

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	Total Marketable Limit Orders
36	100.00	34	94.44	0

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	16	35.56	15	44.12
VIRTU Americas, LLC(NITE)	11	24.44	11	32.35
NASDAQ Execution Services, LLC(NSDQ)	7	15.56	0	0.00
G1 Execution Services, LLC(ETMM)	4	8.89	4	11.76
Jane Street Capital, LLC(JNST)	4	8.89	4	11.76

Cboe EDGX US Equities Exchange(EDGX)	3	6.67	0	0.00
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August 2023

**Option Contracts
Summary**

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders
6	100.00	2	33.33	0

Venues

Venue - Non- directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	3	50.00	2	100.00
Wolverine Execution Services LLC(WEXX)	2	33.33	0	0.00
Dash Financial Technologies LLC(DASH)	1	16.67	0	0.00

September 2023

**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	Total Marketable Limit Orders
109	100.00	107	98.17	0

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	33	30.56	32	29.91
VIRTU Americas, LLC(NITE)	28	25.93	28	26.17
G1 Execution Services, LLC(ETMM)	26	24.07	26	24.30
Jane Street Capital, LLC(JNST)	17	15.74	17	15.89
Two Sigma Securities, LLC(SOHO)	3	2.78	3	2.80
UBS Securities, LLC(UBSS)	1	0.93	1	0.93

September 2023

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	Total Marketable Limit Orders
128	100.00	122	95.31	2

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	52	41.27	52	42.62
VIRTU Americas, LLC(NITE)	38	30.16	38	31.15
G1 Execution Services, LLC(ETMM)	16	12.70	16	13.11

Jane Street Capital, LLC(JNST)	15	11.90	15	12.30
NASDAQ Execution Services, LLC(NSDQ)	3	2.38	0	0.00
New York Stock Exchange(NYSE)	1	0.79	0	0.00
UBS Securities, LLC(UBSS)	1	0.79	1	0.82

September 2023

Option Contracts
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders
1	100.00	0	0.00	1

Venues

Venue - Non- directed Order Flow	Non-Directed Orders	Non-Directed Orders(%)	Market Orders	Market Orders(%)
Citadel Securities LLC(CDRG)	1	100.00	0	0.00

SWBC INVESTMENT SERVICES, LLC - Held NMS
Stocks and Options Order Routing Public
Report
Generated on Tue Oct 10 2023 09:18:13 GMT-4
EDT

3rd Quarter, 2023

Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders
15.38	9	23.08

Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders
3	50.00	2
2	33.33	0
1	16.67	2
0	0.00	0
0	0.00	4
0	0.00	2
0	0.00	1
0	0.00	1

Marketable Limit Orders as % of Non- Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders
2.67		5 6.67

Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	
1		50.00	0
0		0.00	1
0		0.00	0
1		50.00	0
0		0.00	6
0		0.00	2
0		0.00	1
0		0.00	0
0		0.00	1
0		0.00	1

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

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

Marketable Limit Orders	Marketable Limit Orders(%)
0	
0	

Non-Marketable Limit Orders
0.00 0
0.00 0

Marketable Limit Orders as % of Non- Directed Orders	Total Non-Marketable Limit Orders
3.23	

Non-Marketable Limit Orders as % of Non-Directed Orders
1 3.23

Marketable Limit Orders	Marketable Limit Orders(%)
0	
0	
0	
0	

Non-Marketable Limit Orders
0.00 0
0.00 0
0.00 0
0.00 0

0	0.00	2
0	0.00	0
0	0.00	1
0	0.00	1
0	0.00	0

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

Non-Marketable Limit Orders as % of Non-Directed Orders
 2
 5.56

Marketable Limit Orders
Marketable Limit Orders(%)

Non-Marketable Limit Orders

0	0.00	1
0	0.00	0
0	0.00	7
0	0.00	0
0	0.00	0

0

0.00

3

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

Total Non-Marketable Limit Orders

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

0.00

4

66.67

**Marketable Limit
Orders**

Marketable Limit Orders(%)

**Non-Marketable
Limit Orders**

0

0.00

1

0

0.00

2

0

0.00

1

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

Total Non-Marketable Limit Orders

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

0.00

2

1.83

Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	
	0	0.00	1
	0	0.00	0
	0	0.00	0
	0	0.00	0
	0	0.00	0
	0	0.00	0

Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	
1.56		4	3.13

Marketable Limit Orders	Marketable Limit Orders(%)	Non-Marketable Limit Orders	
	0	0.00	0
	0	0.00	0
	0	0.00	0

0	0.00	0
1	100.00	2
0	0.00	1
0	0.00	0

Marketable Limit Orders as % of Non-Directed Orders
 100.00
Total Non-Marketable Limit Orders

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

Marketable Limit Orders
 0
Marketable Limit Orders(%)

Non-Marketable Limit Orders
 0.00
 1

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

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)
16.67	0	0.00	0	0
0.00	0	0.00	0	0
16.67	0	0.00	0	0
0.00	0	0.00	0	0
33.33	0	0.00	0	0
16.67	0	0.00	0	0
8.33	0	0.00	0	0
8.33	0	0.00	0	0

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

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)
0.00	0	0.00	0	0
8.33	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0
50.00	0	0.00	0	0
16.67	0	0.00	0	0
8.33	0	0.00	0	0
0.00	1	100.00	0	0
8.33	0	0.00	0	0
8.33	0	0.00	0	0

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

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)
0.00	0	0.00	0	0
0.00	0	0.00	0	0

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

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)
0.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0

50.00	0	0.00	0	0
0.00	0	0.00	0	0
25.00	0	0.00	0	0
25.00	0	0.00	0	0
0.00	0	0.00	0	0

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

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)
9.09	0	0.00	0	0
0.00	0	0.00	0	0
63.64	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0

27.27	0	0.00	0	0
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	Other Orders as % of
Total Other Orders	Non-Directed Orders
0	0.00

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)
25.00	0	0.00	0	0
50.00	0	0.00	0	0
25.00	0	0.00	0	0

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

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)
100.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0

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

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)
0.00	0	0.00	0	0
0.00	0	0.00	0	0
0.00	0	0.00	0	0

0.00	0	0.00	0	0
66.67	0	0.00	0	0
33.33	0	0.00	0	0
0.00	0	0.00	0	0

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

			Net Payment	Net Payment
Non-Marketable			Paid/Received for	Paid/Received for
Limit Orders(%)	Other Orders	Other Orders(%)	Market Orders(USD)	Market Orders(cents
			per hundred shares)	
100.00	0	0.00	0	0

Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)
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0	0	0	0	0
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0	0	0	0	0
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Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)
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0	0	0	0	0
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0	0	0	0	0
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0	0	0	0	0
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0	0	0	0	0
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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

Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for 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	0	0	0

0 0 0 0 0

Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)
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0 0 0 0 0

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Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for 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	0	0	0
0	0	0	0	0

Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for 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	0	0	0
0	0	0	0	0
0	0	0	0	0

Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)
0	0	0	0	0

**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

0

0

0

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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**Net Payment
Paid/Received for
Other Orders(cents
per hundred shares)**

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