

# PCPT - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2022

April 2022

## S&P 500 Stocks

### Summary

Non-Directed Orders as % of All 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	Other Orders as % of Non-Directed Orders
100.00	2.74	13.97	81.74	1.55

### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	37.43	49.62	52.58	34.08	56.12	163.12	5.0000	883.41	5.0000	689.57	5.0000	46.51	1.5630
Two Sigma Securities, LLC	30.31	45.79	40.86	27.92	33.56	145.59	5.0000	831.08	5.0000	690.85	5.0000	41.18	4.6034
Cboe EDGX Exchange, Inc.	27.03	0.00	1.67	32.78	0.00	0.00	0.0000	-55.66	-11.2167	2,355.68	15.6444	0.00	0.0000
Virtu Americas, LLC	5.23	4.60	4.89	5.22	10.33	18.94	5.0000	97.69	5.0000	128.59	4.9966	3.50	4.8410

### Material Aspects:

CITADEL SECURITIES LLC:  
PCI has not received customer orders as defined by SEC Rule 600(b)(30) during this reporting period. The order activity reported herein is based on orders received from other broker/dealers and routed by PCI. While this report has been prepared based on SEC Rule 606 metrics and methodology, this report should not be construed as a SEC Rule 606 report as prescribed by SEC Rule 606(a)(1). This report is for information purposes only and does not represent the routing of PCI's customer orders. PCI did receive payments for orders executed at this venue during this reporting period.

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Virtu Americas, LLC:

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April 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All 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	Other Orders as % of Non-Directed Orders
100.00	2.27	18.21	78.48	1.03

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	38.03	50.74	52.12	34.15	56.13	1,296.01	3.3486	13,216.60	3.7597	8,161.16	3.8534	233.73	0.3557
Two Sigma Securities, LLC	31.01	44.24	41.96	28.02	36.04	1,276.38	3.1611	11,137.54	3.6892	7,268.17	3.9115	196.85	4.0947
Cboe EDGX Exchange, Inc.	25.98	0.00	1.21	32.82	0.00	0.00	0.0000	-719.94	-12.6473	24,496.57	12.9012	0.00	0.0000
Virtu Americas, LLC	4.98	5.02	4.71	5.01	7.83	153.53	2.8074	1,168.72	3.2101	1,139.96	3.7313	3.48	0.4641

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## April 2022

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### Options

#### Summary

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

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)

## May 2022

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### S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All 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	Other Orders as % of Non-Directed Orders
100.00	2.96	14.30	81.24	1.49

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	37.39	50.00	52.67	33.85	58.73	172.43	5.0001	874.88	5.0000	819.60	5.0000	50.87	2.0138
Two Sigma Securities, LLC	30.25	45.56	40.61	27.80	34.09	149.83	5.0000	801.39	5.0000	775.35	5.0000	31.38	4.8903
Cboe EDGX Exchange, Inc.	27.07	0.00	1.54	33.05	0.00	0.00	0.0000	-42.46	-12.9014	2,746.51	15.6506	0.00	0.0000
Virtu Americas, LLC	5.29	4.44	5.18	5.30	7.18	16.56	5.0000	109.87	5.0000	161.34	4.9975	1.14	4.5679

#### Material Aspects:

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May 2022

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All 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	Other Orders as % of Non-Directed Orders
100.00	2.24	19.39	77.33	1.03

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	37.96	51.89	51.63	33.90	54.85	1,032.68	2.8510	13,443.92	3.5634	8,523.60	3.5907	262.82	0.4073
Two Sigma Securities, LLC	31.30	43.29	42.38	28.10	37.22	940.64	3.5242	11,943.98	3.3083	7,930.49	3.5420	222.05	3.5780
Cboe EDGX Exchange, Inc.	25.75	0.00	1.17	33.00	0.00	0.00	0.0000	-490.88	-13.4002	26,161.43	12.4841	0.00	0.0000
Virtu Americas, LLC	4.99	4.82	4.82	5.00	7.92	72.61	2.3345	1,576.20	3.8404	1,356.76	3.7184	13.89	3.4783

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## Options

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

Venue - Non- directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit 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)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
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## S&P 500 Stocks

Non-Directed Orders as % of All 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	Other Orders as % of Non-Directed Orders
100.00	2.72	14.69	81.18	1.41

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit 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)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
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Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	33.58	49.91	47.10	30.14	58.85	152.71	5.0002	828.95	4.9999	678.36	5.0000	46.74	4.9979
Cboe EDGX Exchange, Inc.	31.50	0.00	7.82	37.39	0.00	0.00	0.0000	-264.09	-21.0935	2,823.64	15.0782	0.00	0.0000
Two Sigma Securities, LLC	30.23	44.74	40.41	27.82	35.32	120.50	4.9953	743.43	4.9997	788.05	4.9992	33.95	4.9224
Virtu Americas, LLC	4.69	5.35	4.68	4.65	5.83	9.62	5.0000	62.54	5.0000	119.33	5.0000	2.64	4.7310

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June 2022

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Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All 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	Other Orders as % of Non-Directed Orders
100.00	2.71	20.48	75.67	1.13

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
CITADEL SECURITIES LLC	34.27	51.77	46.89	29.89	56.61	1,588.59	2.1804	16,017.02	3.1878	8,471.17	3.4069	265.86	1.9210
Two Sigma Securities, LLC	30.95	42.95	41.50	27.55	38.86	1,497.68	2.4981	14,139.17	3.2407	7,698.93	3.0427	244.86	3.5641
Cboe EDGX Exchange, Inc.	30.06	0.00	6.94	37.85	0.00	0.00	0.0000	-6,005.38	-17.6919	29,287.58	9.3047	0.00	0.0000
Virtu Americas, LLC	4.72	5.28	4.66	4.71	4.53	159.73	1.9525	1,355.56	2.5984	1,272.03	3.3672	2.17	0.7932

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June 2022

Options

Summary

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

Venues

Venue - Non- directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit 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)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
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