

# Folio Investments, Inc., d/b/a Goldman Sachs Custody Solutions - Held NMS Stocks and Options Order Routing Public Report

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1st Quarter, 2023

January 2023

## 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	91.83	0.64	6.02	1.50

## 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 (CDRG)	24.30	24.30	0.00	0.00	0.00	2.51	8.5226	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman Sachs & Co. LLC (GSCO)	64.73	64.73	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Virtu Financial (NITE)	10.97	2.80	0.64	6.02	1.50	4.46	17.0000	0.65	17.0000	1.45	17.0000	0.45	17.0000

## Material Aspects:

**Citadel (CDRG):**  
We have not entered into any contract with this venue regarding compensation, or any other economic or non-economic inducement, for order flow. We receive payment for some, but not all, of the orders that we send to this venue on a per share basis. This venue pays us \$0.01 per share for not held ETF transactions, \$0.00175 per share for not held, all or none orders and \$0.0014 per share for equity transactions that have a share price greater than or equal to \$1. This venue does not pay for any directed or pre-market orders or orders for stocks priced under a \$1. We do not receive any incentives for equaling or exceeding any order flow volume threshold, such as additional payments or a higher rate of payment. Similarly, we do not incur any disincentives if we route to this venue a lower volume of order flow, such as lower payments or the requirement to pay a fee.

**Goldman Sachs & Co. LLC (GSCO):**  
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**Virtu Financial (NITE):**  
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## January 2023

### 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	81.04	12.87	5.91	0.17

#### 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 (CDRG)	20.78	20.78	0.00	0.00	0.00	40.34	12.5753	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman Sachs & Co. LLC (GSCO)	44.26	44.26	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Global Trading Systems, LLC (GTSM)	1.48	1.22	0.17	0.09	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Virtu Financial (NITE)	33.48	14.78	12.70	5.83	0.17	273.30	7.8656	357.93	10.6753	108.82	8.1125	0.03	17.0000

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##### Global Trading Systems, LLC (GTSM):

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##### Virtu Financial (NITE):

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## January 2023

### 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)

#### Material Aspects:

## February 2023

### 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	82.04	4.22	12.32	1.41

#### 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 (CDRG)	10.21	10.21	0.00	0.00	0.00	1.61	12.7092	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman Sachs & Co. LLC (GSCO)	68.31	68.31	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Virtu Financial (NITE)	21.48	3.52	4.22	12.32	1.41	5.72	17.0000	4.40	17.0000	44.86	17.0000	0.37	17.0000

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## February 2023

### 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	73.83	15.03	10.60	0.54

### 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 (CDEL)	13.02	13.02	0.00	0.00	0.00	12.28	7.0760	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman Sachs & Co. LLC (GSCO)	38.26	38.26	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Global Trading Systems, LLC (GTSM)	1.07	0.67	0.00	0.40	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Virtu Financial (NITE)	47.65	21.88	15.03	10.20	0.54	231.22	4.2958	172.89	7.3012	81.60	12.6123	2.28	17.0000

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## February 2023

## 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)

### Material Aspects:

## March 2023

## 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	78.81	6.57	13.73	0.90

### Venues

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Citadel (CDRG)	15.82	15.82	0.00	0.00	0.00	2.73	11.5505	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman Sachs & Co. LLC (GSCO)	46.87	46.87	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Virtu Financial (NITE)	37.31	16.12	6.57	13.73	0.90	96.14	17.0000	15.43	17.0000	19.41	17.0000	0.88	17.0000

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## March 2023

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### Non-S&P 500 Stocks Summary

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100.00	73.19	15.36	11.25	0.20

### Venues

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Citadel (CDRG)	14.48	14.48	0.00	0.00	0.00	30.62	14.0264	0.00	0.0000	0.00	0.0000	0.00	0.0000
Goldman Sachs & Co. LLC (GSCO)	32.68	32.68	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Global Trading Systems, LLC (GTSM)	1.37	0.98	0.10	0.29	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Virtu Financial (NITE)	51.47	25.05	15.26	10.96	0.20	401.31	9.3382	239.14	4.8474	93.07	11.4733	0.30	17.0000

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March 2023

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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)
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Material Aspects: