

# Curvature Securities LLC - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2024

July 2024

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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
100.0000	33.3333	33.3333	33.3333	0.0000

### 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)
DASH SMART-CURV	33.3333	0.0000	0.0000	100.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INET Algo-CURV	33.3333	0.0000	100.0000	0.0000	0.0000	0.0000	0.0000	2.4650	15.7307	0.0000	0.0000	0.0000	0.0000
VIRTU Algo-CURV	33.3333	100.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

### Material Aspects:

#### DASH SMART-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Sensor order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past quarter ranged from Curvature Securities Paying Sensor \$0.0 per 100 Shares and Curvature Securities receiving from Sensor \$.20 per 100 Shares

#### INET Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.2041 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.13966 per 100 shares

#### VIRTU Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all FAN, VWAP, POV order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying FAN, VWAP, POV \$0.0982 per 100 shares and Curvature Securities receiving from FAN, VWAP, POV \$0.04382 per 100 shares

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July 2024

## 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
100.0000	29.7872	38.2979	31.9149	0.0000

### 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)
INET Algo-CURV	29.7872	28.5714	38.8889	20.0000	0.0000	5.6219	17.5520	4.5127	3.0900	33.4592	28.3841	0.0000	0.0000
INET COBRA-CURV	29.7872	14.2857	33.3333	40.0000	0.0000	0.7200	30.0000	7.2800	20.8000	-2.2980	-20.2646	0.0000	0.0000
VIRTU Algo-CURV	12.7660	21.4286	0.0000	20.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INET VWAP-CURV	10.6383	35.7143	0.0000	0.0000	0.0000	0.0302	4.5758	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITI DAGGER-CURV	8.5106	0.0000	16.6667	6.6667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITI POV-CURV	6.3830	0.0000	11.1111	6.6667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITI SMART-CURV	2.1277	0.0000	0.0000	6.6667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

### Material Aspects:

#### INET Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.2041 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.13966 per 100 shares

#### INET COBRA-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.2041 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.13966 per 100 shares

#### VIRTU Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all FAN, VWAP, POV order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying FAN, VWAP, POV \$0.0982 per 100 shares and Curvature Securities receiving from FAN, VWAP, POV \$0.04382 per 100 shares

#### INET VWAP-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.2041 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.13966 per 100 shares

#### CITI DAGGER-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

#### CITI POV-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

CITI SMART-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

## July 2024

### 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
0.0000	0.0000	0.0000	0.0000	0.0000

#### 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)

## August 2024

### 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
0.0000	0.0000	0.0000	0.0000	0.0000

#### 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)

## August 2024

### 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
100.0000	47.3859	42.3479	10.2662	0.0000

## 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)
INET SMART-CURV-CRVI	96.6255	99.6991	96.8575	81.4815	0.0000	9,152.3271	2.1907	14,625.8848	1.8747	620.8588	0.3031	0.0000	0.0000
CITI SMART-CURV	0.9506	0.0000	0.0000	9.2593	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INET Algo-CURV	0.8555	0.1003	1.5713	1.3889	0.0000	-1.8000	-20.0000	184.6130	14.0878	-0.7326	-8.1400	0.0000	0.0000
CITI POV-CURV	0.7605	0.0000	0.5612	5.0926	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITI VWAP-CURV	0.5228	0.2006	0.6734	1.3889	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
DASH Algo-CURV	0.1901	0.0000	0.2245	0.9259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITI DAGGER-CURV	0.0475	0.0000	0.1122	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INET COBRA-CURV	0.0475	0.0000	0.0000	0.4630	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0029	-29.0000	0.0000	0.0000

## Material Aspects:

### INET SMART-CURV-CRVI:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.02672 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.0358 per 100 shares

### CITI SMART-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

### INET Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.02672 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.0358 per 100 shares

### CITI POV-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

### CITI VWAP-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

### DASH Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Sensor order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past quarter ranged from Curvature Securities Paying Sensor \$0.1418 per 100 Shares and Curvature Securities receiving from Sensor \$.0951 per 100 Shares

### CITI DAGGER-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

INET COBRA-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.02672 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.0358 per 100 shares

## August 2024

### 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
0.0000	0.0000	0.0000	0.0000	0.0000

#### 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)

## September 2024

### 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
0.0000	0.0000	0.0000	0.0000	0.0000

#### 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)

## September 2024

### 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
100.0000	47.4217	36.8324	15.7459	0.0000

## 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)
INET SMART-CURV-CRVI	97.4217	99.0291	95.7500	96.4912	0.0000	659.3496	2.9560	796.4564	3.3698	72.2696	0.8827	0.0000	0.0000
INET Algo-CURV	1.1050	0.3883	2.2500	0.5848	0.0000	0.4795	5.4613	24.3245	14.6489	18.3969	18.3969	0.0000	0.0000
CITI POV-CURV	0.9208	0.1942	1.0000	2.9240	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
VIRTU Algo-CURV	0.3683	0.1942	0.7500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CITI VWAP-CURV	0.1842	0.1942	0.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

## Material Aspects:

### INET SMART-CURV-CRVI:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.0763 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.193 per 100 shares

### INET Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.1430 per 100 shares and Curvature Securities receiving from Expert Cobra, Expert Make, Expert Participation, Expert TWAP and Expert VWAP \$0.218 per 100 shares

### CITI POV-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

### VIRTU Algo-CURV:

Curvature Securities may receive volume discounts not passed on to clients. Likewise, rebates passed on to clients by Curvature Securities may be less than the rebates Curvature Securities receives from the relevant market. For all FAN, VWAP, POV order types and size, regardless of shares traded in a given day, month, year, etc., or any other negotiated qualifier, Curvature Securities receives or pays a blended rate based on that months activity. This blended rate over the past Quarter ranged from Curvature Securities Paying FAN, VWAP, POV \$0.1430 per 100 shares and Curvature Securities receiving from FAN, VWAP, POV \$0.218 per 100 shares

### CITI VWAP-CURV:

Curvature Securities pays exchange, regulatory, market data and clearing fees to CITI and receives exchange rebates as credits where applicable Curvature Securities also receives incremental pricing benefits if certain volume thresholds are met

## September 2024

## 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
0.0000	0.0000	0.0000	0.0000	0.0000

**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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