

Filters	Source	Frequency	Date	Report Type
nan	~ALL	Quarterly	2025-09	S&P500

## July

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	38.41%	6.62%	24.50%	30.46%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
GSCO	GOLDMAN SACHS & CO. LLC	0.00%	59.60%	0.00%	100.00%	100.00%	93.48%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
VALR	VIRTU AMERICAS LLC	0.00%	40.40%	100.00%	0.00%	0.00%	6.52%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000

MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	151	58	10	37	46
GSCO	GOLDMAN SACHS & CO. LLC	0	90	0	10	37	43
VALR	VIRTU AMERICAS LLC	0	61	58	0	0	3

## August

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	25.43%	15.03%	23.70%	35.84%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
GSCO	GOLDMAN SACHS & CO. LLC	0.00%	69.36%	0.00%	96.15%	100.00%	87.10%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
VALR	VIRTU AMERICAS LLC	0.00%	30.64%	100.00%	3.85%	0.00%	12.90%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000

MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	173	44	26	41	62
GSCO	GOLDMAN SACHS & CO. LLC	0	120	0	25	41	54
VALR	VIRTU AMERICAS LLC	0	53	44	1	0	8

## September

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	41.71%	8.57%	17.14%	32.57%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
VALR	VIRTU AMERICAS LLC	0.00%	53.14%	100.00%	0.00%	0.00%	35.09%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
GSCO	GOLDMAN SACHS & CO. LLC	0.00%	46.86%	0.00%	100.00%	100.00%	64.91%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000

MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	175	73	15	30	57
VALR	VIRTU AMERICAS LLC	0	93	73	0	0	20
GSCO	GOLDMAN SACHS & CO. LLC	0	82	0	15	30	37

Filters	Source	Frequency	Date	Report Type
nan	~ALL	Quarterly	2025-09	Other NMS

## July

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	4.47%	7.70%	26.66%	61.18%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
GSCO	GOLDMAN SACHS & CO. LLC	0.00%	90.21%	1.27%	91.18%	99.58%	92.51%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
VALR	VIRTU AMERICAS LLC	0.00%	8.77%	94.94%	8.82%	0.42%	6.11%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
Othe	OTHE	0.00%	1.02%	3.80%	0.00%	0.00%	1.39%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000

MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	1767	79	136	471	1081
GSCO	GOLDMAN SACHS & CO. LLC	0	1594	1	124	469	1000
VALR	VIRTU AMERICAS LLC	0	155	75	12	2	66
Othe	OTHE	0	18	3	0	0	15

## August

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	6.17%	9.45%	31.76%	52.62%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
GSCO	GOLDMAN SACHS & CO. LLC	0.00%	82.68%	0.00%	98.61%	99.59%	79.30%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
VALR	VIRTU AMERICAS LLC	0.00%	17.06%	100.00%	1.39%	0.41%	20.20%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
Othe	OTHE	0.00%	0.26%	0.00%	0.00%	0.00%	0.50%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000

MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	762	47	72	242	401
GSCO	GOLDMAN SACHS & CO. LLC	0	630	0	71	241	318
VALR	VIRTU AMERICAS LLC	0	130	47	1	1	81
Othe	OTHE	0	2	0	0	0	2

## September

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	5.82%	9.84%	47.63%	36.71%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
GSCO	GOLDMAN SACHS & CO. LLC	0.00%	87.57%	0.00%	97.08%	99.55%	83.37%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
VALR	VIRTU AMERICAS LLC	0.00%	12.14%	100.00%	2.92%	0.45%	15.85%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
Othe	OTHE	0.00%	0.29%	0.00%	0.00%	0.00%	0.78%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000

MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	1392	81	137	663	511
GSCO	GOLDMAN SACHS & CO. LLC	0	1219	0	133	660	426
VALR	VIRTU AMERICAS LLC	0	169	81	4	3	81
Othe	OTHE	0	4	0	0	0	4

Filters	Source	Frequency	Date	Report Type
nan	~ALL	Quarterly	2025-09	Options

## July

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)

## August

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
Othe	OTHE	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	1	1	0	0	0
Othe	OTHE	0	1	1	0	0	0

## September

MPID	Route Venue	Directed Orders (%)	Non-Directed Orders (%)	Market Orders (%)	Limit Orders (%)	Marketable Limit Orders (%)	Other Orders (%)
TOT1	Firm Totals	0.00%	100.00%	50.00%	0.00%	0.00%	50.00%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
Othe	OTHE	0.00%	100.00%	100.00%	0.00%	0.00%	100.00%
	Fees/Rebate			\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000	\$0.0000/\$0.0000
MPID	Route Venue	Directed Orders (#)	Non-Directed Orders (#)	Market Orders (#)	Limit Orders (#)	Marketable Limit Orders (#)	Other Orders (#)
TOT1	Firm Totals	0	2	1	0	0	1
Othe	OTHE	0	2	1	0	0	1