

Goldman Sachs & Co. LLC - Held NMS Stocks and Options Order Routing Public Report

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1st Quarter, 2025

January 2025

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
0.01	19.73	0.67	53.69	25.89

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)
New York Stock Exchange LLC. (NYSE)	49.89	91.32	100.00	48.26	20.36	-175.70	-3.4700	4.77	0.4400	87.96	0.8000	24.41	1.7900
The Nasdaq Stock Market LLC. (XNAS)	29.50	7.19	0.00	36.63	32.51	-143.31	-4.3000	0.00	0.0000	2,885.31	11.6500	119.90	5.9500
CBOE BZX Exchange (BATS)	4.38	0.00	0.00	5.02	6.50	0.00	0.0000	0.00	0.0000	-1,936.82	-27.0000	-91.50	-18.1400
Sigma X2 ATS (SGMT)	3.64	0.00	0.00	0.20	13.66	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc. (ARCA)	2.56	0.00	0.00	3.29	3.05	0.00	0.0000	0.00	0.0000	-646.38	-28.9300	8.82	3.2100
Members Exchange (MEMX)	1.64	0.00	0.00	2.00	2.21	0.00	0.0000	0.00	0.0000	-136.31	-26.6500	5.24	8.4200
Investors Exchange LLC (IEXG)	1.43	0.00	0.00	0.51	4.46	0.00	0.0000	0.00	0.0000	-131.82	-11.9900	-41.42	-10.1800
CBOE BYX Exchange (BATY)	1.13	0.00	0.00	0.45	3.44	0.00	0.0000	0.00	0.0000	7.43	1.6800	-0.42	-2.2700
NASDAQ OMX BX. (BOSE)	0.99	0.00	0.00	0.32	3.15	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
VIRTU Americas LLC (KCGM)	0.85	0.00	0.00	0.07	3.14	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

New York Stock Exchange LLC. (NYSE):

The Firm is a Market Maker and Supplemental Liquidity Market Maker in equities on the NYSE. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

NYSE has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf

Information reflecting the NYSE’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

The Nasdaq Stock Market LLC. (XNAS):

The Firm is a Market Maker on XNAS in equities. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-equity-7#section_10_membership_fees

Information reflecting XNAS’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

CBOE BZX Exchange (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

Information reflecting the BATS’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

Sigma X2 ATS (SGMT):

SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

NYSE Arca, Inc. (ARCA):

ARCA has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

Information reflecting ARCA’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

Members Exchange (MEMX):

An investment entity affiliate of GSCO has a minority, non-controlling ownership interest in MEMX. MEMX has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
<https://info.memxtrading.com/equities-trading-resources/us-equities-fee-schedule/>

Information reflecting MEMX’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

Investors Exchange LLC (IEXG):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

CBOE BYX Exchange (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

Information reflecting the BATY’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

NASDAQ OMX BX. (BOSE):

BOSE has a tiered pricing/payment schedule. For detailed information, please see the exchange’s public website:
<https://listingcenter.nasdaq.com/rulebook/bx/rules/bx-equity-7>

Information reflecting the BOSE’s tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

VIRTU Americas LLC (KCGM):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

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
0.02	2.60	0.39	43.38	53.61

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)
NYSE Arca, Inc. (ARCA)	17.94	13.21	20.34	29.28	8.97	-255.53	-14.8200	-15.66	-5.9000	-787.62	-6.6800	-657.15	-12.7200
New York Stock Exchange LLC. (NYSE)	17.39	55.92	75.81	30.66	4.34	-149.11	-3.1900	5.29	0.4300	1,586.57	4.8300	-157.56	-7.0000
The Nasdaq Stock Market LLC. (XNAS)	14.24	20.67	0.76	22.12	7.66	-760.59	-5.0000	-0.10	-10.0000	3,423.10	7.2400	-677.85	-10.9900
Sigma X2 ATS (SGMT)	11.49	0.00	0.00	0.55	20.98	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	7.50	0.93	0.00	7.98	7.48	-16.64	-13.0000	0.00	0.0000	-5,169.70	-25.8500	-2,139.95	-22.9500
CBOE BYX Exchange (BATY)	4.72	0.00	0.00	0.52	8.37	0.00	0.0000	0.00	0.0000	9.55	1.0700	-0.55	-0.2600
VIRTU Americas LLC (KCGM)	4.57	0.00	0.00	0.45	8.16	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX. (BOSE)	4.31	0.00	0.00	0.40	7.72	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Investors Exchange LLC (IEXG)	4.18	0.00	0.00	0.47	7.41	0.00	0.0000	0.00	0.0000	-255.64	-12.2000	-155.04	-12.3100
IntelligentCross ATS (INCR)	3.96	0.00	0.00	0.11	7.29	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE Arca, Inc. (ARCA):

ARCA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

New York Stock Exchange LLC. (NYSE):

The Firm is a Market Maker and Supplemental Liquidity Market Maker in equities on the NYSE. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

NYSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf

Information reflecting the NYSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

The Nasdaq Stock Market LLC. (XNAS):

The Firm is a Market Maker on XNAS in equities. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:

https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-equity-7#section_10_membership_fees

Information reflecting XNAS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

Sigma X2 ATS (SGMT):

SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

CBOE BZX Exchange (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

Information reflecting the BATS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

CBOE BYX Exchange (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

Information reflecting the BATY's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

VIRTU Americas LLC (KCGM):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

NASDAQ OMX BX. (BOSE):

BOSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/bx/rules/bx-equity-7>

Information reflecting the BOSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202501.xlsx

Investors Exchange LLC (IEXG):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

IntelligentCross ATS (INCR):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

January 2025

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
3.34	0.04	1.80	95.43	2.71

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)
NYSE Arca, Inc. (PCOE)	48.60	14.71	3.71	50.26	20.85	-20,669.95	-28.5800	-61,677.90	-52.0500	244,545.74	35.3100	-4,108.99	-3.2300
Members Exchange (MXOP)	19.75	0.00	11.93	20.44	0.77	0.00	0.0000	-138,012.73	-49.8600	161,431.83	56.4200	218.46	9.7700
CBOE C2 Options	13.97	0.00	1.36	14.61	0.02	0.00	0.0000	-45,437.91	-47.3600	78,891.43	34.6700	-124.57	-25.8400

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)
Exchange, Inc. (C2OX)													
MIAX PEARL LLC (MPRL)	12.75	0.00	4.16	13.28	0.01	0.00	0.0000	-81,472.98	-53.1800	31,900.47	22.5500	-249.64	-36.3300
CBOE Options Exchange (XCBO)	1.61	41.68	9.24	0.69	28.29	-21,298.29	-23.5400	-35,246.57	-19.7100	-51,178.10	-21.4000	-28,518.92	-25.7400
BOX Exchange LLC (BOX)	0.56	11.60	18.83	0.02	7.41	10,244.00	23.0200	18,430.80	6.7200	-53.65	-0.1000	23,542.58	29.1200
Nasdaq ISE, LLC (ISOE)	0.46	9.15	4.03	0.05	12.14	2,718.74	5.9600	-40,113.34	-46.5000	9,528.53	10.7900	6,771.98	12.4200
CBOE BZX Options Exchange (BATO)	0.41	0.00	12.89	0.19	0.03	0.00	0.0000	-65,599.40	-62.4000	43,335.85	26.6700	142.10	13.1400
NYSE American LLC (AMEX)	0.29	6.02	3.45	0.02	7.71	-19.00	-0.0500	-6,014.75	-5.9500	-1,389.29	-5.1300	-7,534.59	-12.3700
NASDAQ Options Market LLC (NDOE)	0.28	0.00	13.61	0.04	0.00	0.00	0.0000	-162,108.68	-53.5200	4,425.07	13.4800	-47.54	-27.3200

Material Aspects:

NYSE Arca, Inc. (PCOE):

PCOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Information reflecting the PCOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

Members Exchange (MXOP):

An investment entity affiliate of GS&Co. has a minority, non-controlling ownership interest in MXOP. We also participate in a MXOP program whereby the affiliate can earn warrants, which provide the right, but not the obligation, to purchase additional equity in MXOP contingent upon GS&Co. achieving certain monthly executed contract thresholds through the end of April 2026.
MXOP has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://info.memxtrading.com/us-options-trading-resources/us-options-fee-schedule/>

Information reflecting the MXOP's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

CBOE C2 Options Exchange, Inc. (C2OX):

C2OX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.cboe.com/us/options/membership/fee_schedule/ctwo/

Information reflecting the C2OX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

MIAX PEARL LLC (MPRL):

MPRL has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://www.miaxglobal.com/markets/us-options/pearl-options/fees>

Information reflecting the MPRL's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

CBOE Options Exchange (XCBO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

XCBO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/options/membership/fee_schedule/xcbo/

Information reflecting the XCBO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

BOX Exchange LLC (BOX):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

Nasdaq ISE, LLC (ISOE):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

ISOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7>

Information reflecting the ISOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

CBOE BZX Options Exchange (BATO):

BATO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.cboe.com/us/options/membership/fee_schedule/bzx/

Information reflecting the BATO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

NYSE American LLC (AMEX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Information reflecting the AMEX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

NASDAQ Options Market LLC (NDOE):

NDOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-options-7>

Information reflecting the NDOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202501.xlsx

February 2025

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
0.01	21.80	0.50	52.70	24.98

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)
New York Stock Exchange LLC. (NYSE)	53.18	87.98	99.37	53.57	21.05	-221.55	-3.6000	-26.22	-3.3700	484.26	4.1800	-22.94	-1.3000

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)
The Nasdaq Stock Market LLC. (XNAS)	26.86	11.33	0.00	32.30	29.49	-175.14	-4.9200	0.00	0.0000	3,240.06	12.1200	82.64	4.6400
Sigma X2 ATS (SGMT)	4.64	0.00	0.00	0.69	17.13	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	3.29	0.00	0.00	3.90	4.93	0.00	0.0000	0.00	0.0000	-1,920.55	-29.6400	-93.72	-25.7300
NYSE Arca, Inc. (ARCA)	1.99	0.00	0.62	2.43	2.84	0.00	0.0000	35.58	18.4700	-811.37	-29.1000	-26.72	-17.6400
Members Exchange (MEMX)	1.48	0.00	0.00	1.63	2.49	0.00	0.0000	0.00	0.0000	-285.48	-28.5100	-3.13	-4.7700
CBOE BYX Exchange (BATY)	1.22	0.00	0.00	0.45	3.92	0.00	0.0000	0.00	0.0000	6.69	1.3500	0.00	0.0000
NASDAQ OMX BX. (BOSE)	1.06	0.00	0.00	0.33	3.57	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Investors Exchange LLC (IEXG)	1.05	0.00	0.00	0.54	3.09	0.00	0.0000	0.00	0.0000	-174.49	-12.0400	-23.37	-10.6700
VIRTU Americas LLC (KCGM)	0.95	0.00	0.00	0.09	3.62	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

New York Stock Exchange LLC. (NYSE):

The Firm is a Market Maker and Supplemental Liquidity Market Maker in equities on the NYSE. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

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Information reflecting the NYSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

The Nasdaq Stock Market LLC. (XNAS):

The Firm is a Market Maker on XNAS in equities. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-equity-7#section_10_membership_fees

Information reflecting XNAS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

Sigma X2 ATS (SGMT):

SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

CBOE BZX Exchange (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

Information reflecting the BATS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

NYSE Arca, Inc. (ARCA):

ARCA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:

https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

Members Exchange (MEMX):

An investment entity affiliate of GSCO has a minority, non-controlling ownership interest in MEMX. MEMX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://info.memxtrading.com/equities-trading-resources/us-equities-fee-schedule/>

Information reflecting MEMX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

CBOE BYX Exchange (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

Information reflecting the BATY's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

NASDAQ OMX BX. (BOSE):

BOSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/bx/rules/bx-equity-7>

Information reflecting the BOSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

Investors Exchange LLC (IEXG):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

VIRTU Americas LLC (KCGM):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

February 2025

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
0.02	3.00	0.40	44.31	52.27

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)
New York Stock Exchange LLC. (NYSE)	19.07	46.87	77.29	33.19	5.06	-214.75	-3.6500	61.01	1.1200	1,537.62	4.7200	-124.42	-9.8000
NYSE Arca, Inc. (ARCA)	19.02	15.78	14.57	30.43	9.56	-360.72	-15.0000	-34.46	-6.0200	-1,556.80	-18.4200	-300.67	-13.1200
The Nasdaq Stock Market LLC. (XNAS)	13.69	26.11	5.91	20.20	7.52	-333.37	-5.1400	12.12	15.3900	481.89	1.1600	-396.02	-7.6800
Sigma X2 ATS (SGMT)	12.40	0.00	0.00	0.89	22.97	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	5.88	0.79	0.00	6.05	6.07	-24.82	-13.0000	0.00	0.0000	-5,135.72	-28.1700	-1,833.67	-27.7300

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)
CBOE BYX Exchange (BATY)	4.56	0.00	0.00	0.49	8.31	0.00	0.0000	0.00	0.0000	7.98	0.9400	-3.78	-4.1900
VIRTU Americas LLC (KCGM)	4.37	0.00	0.00	0.44	8.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX BX. (BOSE)	4.04	0.00	0.00	0.30	7.47	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
IntelligentCross ATS (INCR)	3.69	0.00	0.00	0.02	7.04	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
LEVEL ATS (EBXL)	3.64	0.00	0.00	0.35	6.67	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

New York Stock Exchange LLC. (NYSE):

The Firm is a Market Maker and Supplemental Liquidity Market Maker in equities on the NYSE. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

NYSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf

Information reflecting the NYSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

NYSE Arca, Inc. (ARCA):

ARCA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

The Nasdaq Stock Market LLC. (XNAS):

The Firm is a Market Maker on XNAS in equities. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-equity-7#section_10_membership_fees

Information reflecting XNAS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

Sigma X2 ATS (SGMT):

SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

CBOE BZX Exchange (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

Information reflecting the BATS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

CBOE BYX Exchange (BATY):

BATY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/byx/

Information reflecting the BATY's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

VIRTU Americas LLC (KCGM):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

NASDAQ OMX BX. (BOSE):

BOSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/bx/rules/bx-equity-7>

Information reflecting the BOSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202502.xlsx

IntelligentCross ATS (INCR):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

LEVEL ATS (EBXL):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

February 2025

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
3.03	0.04	1.11	89.54	9.30

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)
NYSE Arca, Inc. (PCOE)	48.69	13.58	5.86	51.07	31.08	-8,291.24	-16.4900	-50,028.54	-54.2500	182,891.45	31.1100	5,930.58	3.2800
Members Exchange (MXOP)	18.48	0.00	9.61	20.50	0.15	0.00	0.0000	-122,762.10	-50.2500	176,823.45	59.5900	331.47	23.5700
CBOE C2 Options Exchange, Inc. (C2OX)	12.69	0.00	2.33	14.14	0.00	0.00	0.0000	-47,601.36	-48.2800	63,839.17	33.2300	-4.48	-2.3800
MIAX PEARL LLC (MPRL)	11.70	0.00	4.02	13.02	0.00	0.00	0.0000	-66,186.82	-52.5700	23,391.72	20.3900	-81.77	-26.5400
CBOE Options Exchange (XCBO)	2.19	41.43	10.43	0.47	17.55	-36,182.75	-21.8900	-29,367.00	-20.3800	-32,833.07	-16.9700	-25,916.18	-25.2400
Nasdaq ISE, LLC (ISOE)	1.47	8.22	5.11	0.06	14.53	3,781.10	9.8200	-34,224.06	-43.6100	12,180.72	12.6100	13,197.84	18.0300
Nasdaq PHLX, LLC (PHLX)	0.93	5.88	1.68	0.03	9.46	-115.77	-0.4700	-5,034.15	-9.9400	-674.08	-2.7200	-2,426.27	-6.8600
NYSE American LLC (AMEX)	0.86	5.38	2.26	0.02	8.75	-48.25	-0.2100	-4,236.50	-4.8100	-1,258.74	-4.4400	-3,046.50	-4.0100
BOX Exchange LLC (BOX)	0.76	11.74	16.76	0.02	5.93	11,690.70	30.9600	19,762.00	8.1800	9.55	0.0200	41,606.44	51.4100
MIAX Securities Exchange, LLC (MIAX)	0.64	6.21	2.29	0.02	6.40	2,479.18	5.8800	-6,393.19	-12.0400	-858.48	-3.6500	5,454.97	10.3700

Material Aspects:

NYSE Arca, Inc. (PCOE):

PCOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Information reflecting the PCOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

Members Exchange (MXOP):

An investment entity affiliate of GS&Co. has a minority, non-controlling ownership interest in MXOP. We also participate in a MXOP program whereby the affiliate can earn warrants, which provide the right, but not the obligation, to purchase additional equity in MXOP contingent upon GS&Co. achieving certain monthly executed contract thresholds through the end of April 2026.
MXOP has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://info.memxtrading.com/us-options-trading-resources/us-options-fee-schedule/>

Information reflecting the MXOP's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

CBOE C2 Options Exchange, Inc. (C2OX):

C2OX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.cboe.com/us/options/membership/fee_schedule/ctwo/

Information reflecting the C2OX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

MIAX PEARL LLC (MPRL):

MPRL has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://www.miaxglobal.com/markets/us-options/pearl-options/fees>

Information reflecting the MPRL's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

CBOE Options Exchange (XCBO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

XCBO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/options/membership/fee_schedule/xcbo/

Information reflecting the XCBO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

Nasdaq ISE, LLC (ISOE):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

ISOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7>

Information reflecting the ISOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

Nasdaq PHLX, LLC (PHLX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

PHLX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/phlx/rules/phlx-equity-7>

Information reflecting the PHLX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

NYSE American LLC (AMEX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Information reflecting the AMEX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

BOX Exchange LLC (BOX):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

MIAX Securities Exchange, LLC (MIAX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

MIAX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://www.miaxglobal.com/markets/us-equities/pearl-equities/fees>

Information reflecting the MIAX's tiered pricing/payment schedule, as applicable to GSCO, can be found at :https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202502.xlsx

March 2025

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
0.14	1.73	0.03	31.80	66.43

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)
Sigma X2 ATS (SGMT)	21.70	0.00	0.00	1.15	32.11	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
The Nasdaq Stock Market LLC. (XNAS)	19.18	5.71	0.00	29.43	14.64	-105.83	-5.0800	0.00	0.0000	910.63	4.8500	258.16	11.5900
CBOE BZX Exchange (BATS)	13.83	0.02	0.00	22.16	10.20	-0.02	-13.0000	0.00	0.0000	-1,275.62	-26.4200	-91.92	-23.1000
New York Stock Exchange LLC. (NYSE)	11.93	92.05	100.00	17.48	7.15	-84.83	-2.1200	-6.24	-1.6800	212.71	2.0900	32.91	1.5500
NYSE Arca, Inc. (ARCA)	6.14	0.00	0.00	10.35	4.28	0.00	0.0000	0.00	0.0000	-717.99	-27.4000	-27.00	-14.1200
Members Exchange (MEMX)	5.89	0.00	0.00	9.54	4.30	0.00	0.0000	0.00	0.0000	-426.23	-27.9800	-13.06	-18.8200
IntelligentCross ATS (INCR)	4.83	0.00	0.00	0.04	7.26	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
JP Morgan Securities LLC (JPMS)	3.17	0.00	0.00	0.03	4.76	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
LEVEL ATS (EBXL)	3.17	0.58	0.00	4.08	2.81	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
UBSA (UBSA)	2.21	0.00	0.00	0.34	3.16	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Sigma X2 ATS (SGMT):

SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

The Nasdaq Stock Market LLC. (XNAS):

The Firm is a Market Maker on XNAS in equities. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-equity-7#section_10_membership_fees

Information reflecting XNAS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

CBOE BZX Exchange (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

Information reflecting the BATS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

New York Stock Exchange LLC. (NYSE):

The Firm is a Market Maker and Supplemental Liquidity Market Maker in equities on the NYSE. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

NYSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf

Information reflecting the NYSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

NYSE Arca, Inc. (ARCA):

ARCA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

Members Exchange (MEMX):

An investment entity affiliate of GSCO has a minority, non-controlling ownership interest in MEMX. MEMX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://info.memxtrading.com/equities-trading-resources/us-equities-fee-schedule/>

Information reflecting MEMX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

IntelligentCross ATS (INCR):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

JP Morgan Securities LLC (JPMS):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

LEVEL ATS (EBXL):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

UBSA (UBSA):
There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

March 2025

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
0.21	0.31	0.03	26.25	73.39

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)
Sigma X2 ATS (SGMT)	40.42	0.00	0.00	1.00	54.71	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
The Nasdaq Stock Market LLC. (XNAS)	12.06	23.33	4.76	25.97	7.04	-502.70	-5.4300	-7.97	-10.0000	4,083.33	8.2700	-1,336.56	-14.7300
CBOE BZX Exchange (BATS)	7.78	0.30	0.00	19.89	3.47	-5.73	-13.0000	0.00	0.0000	-5,402.54	-25.7400	-3,108.04	-26.0100
NYSE Arca, Inc. (ARCA)	7.18	14.10	20.95	18.74	3.02	-590.92	-14.8700	-12.86	-4.4900	-224.84	-1.5200	-1,216.65	-19.4300
New York Stock Exchange LLC. (NYSE)	4.95	46.36	71.42	10.73	2.69	-59.72	-2.1400	-5.42	-0.2700	755.35	2.3300	-375.49	-6.3100
Members Exchange (MEMX)	4.34	0.00	0.00	11.23	1.89	0.00	0.0000	0.00	0.0000	-805.27	-25.0400	-438.14	-19.2900
IntelligentCross ATS (INCR)	3.63	0.00	0.00	0.10	4.91	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
JP Morgan Securities LLC (JPMS)	3.49	0.00	0.00	0.04	4.75	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
LEVEL ATS (EBXL)	2.89	3.14	0.00	3.70	2.60	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Investors Exchange LLC (IEXG)	2.10	0.00	0.00	0.46	2.69	0.00	0.0000	0.00	0.0000	-299.22	-12.6500	-228.10	-19.4500

Material Aspects:

Sigma X2 ATS (SGMT):

SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

The Nasdaq Stock Market LLC. (XNAS):

The Firm is a Market Maker on XNAS in equities. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

XNAS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-equity-7#section_10_membership_fees

Information reflecting XNAS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

CBOE BZX Exchange (BATS):

BATS has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/equities/membership/fee_schedule/bzx/

Information reflecting the BATS's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

NYSE Arca, Inc. (ARCA):

ARCA has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse-arca/NYSE_Arca_Marketplace_Fees.pdf

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

New York Stock Exchange LLC. (NYSE):

The Firm is a Market Maker and Supplemental Liquidity Market Maker in equities on the NYSE. Accordingly, the Firm may share directly in any profits generated from the execution of client orders by the Firm on the exchange, including those that are routed to the exchange.

NYSE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE_Price_List.pdf

Information reflecting the NYSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

Members Exchange (MEMX):

An investment entity affiliate of GSCO has a minority, non-controlling ownership interest in MEMX. MEMX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://info.memxtrading.com/equities-trading-resources/us-equities-fee-schedule/>

Information reflecting MEMX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202503.xlsx

IntelligentCross ATS (INCR):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

JP Morgan Securities LLC (JPMS):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

LEVEL ATS (EBXL):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

Investors Exchange LLC (IEXG):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).

March 2025

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
4.49	0.04	0.97	88.54	10.43

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(cent's per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cent's per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent's per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent's per hundred shares)
NYSE Arca, Inc . (PCOE)	50.53	11.87	5.24	53.40	30.62	-19,618.33	-25.6500	-56,486.35	-53.9700	189,683.19	36.0700	-7,388.20	-3.2100
Members Exchange (MXOP)	18.75	0.00	11.21	21.03	0.13	0.00	0.0000	-120,016.55	-49.2400	141,726.26	55.5800	314.51	16.8100
CBOE C2 Options Exchange, Inc. (C2OX)	11.34	0.00	2.63	12.78	0.00	0.00	0.0000	-59,923.44	-47.6300	64,850.26	33.9200	-146.18	-30.5800
MIAX PEARL LLC (MPRL)	10.49	0.00	4.07	11.80	0.00	0.00	0.0000	-66,099.30	-51.3900	25,167.63	21.6700	-51.90	-29.8200
CBOE Options Exchange (XCBO)	1.85	40.91	12.25	0.38	13.22	-53,565.67	-33.0900	-41,110.72	-26.5800	-52,230.59	-23.9300	-30,885.32	-35.9200
Nasdaq PHLX, LLC (PHLX)	1.34	5.81	1.33	0.02	12.53	-124.54	-0.5400	-5,716.35	-14.5700	-671.55	-1.5900	-1,800.69	-3.5000
Nasdaq ISE, LLC (ISOE)	1.30	8.22	4.73	0.04	11.65	4,792.49	7.2300	-35,348.67	-43.4300	9,486.90	13.5100	8,174.10	13.4400
NYSE	1.17	5.39	1.84	0.02	10.87	-34.00	-0.1200	-3,958.25	-6.4400	-1,085.89	-4.1000	-4,174.33	-6.2700

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)
American LLC (AMEX)													
MIAX Securities Exchange, LLC (MIAX)	0.85	6.27	1.92	0.02	7.83	2,854.65	8.3000	-8,211.74	-17.3600	-660.34	-2.9200	2,921.88	7.5400
BOX Exchange LLC (BOX)	0.82	12.41	17.00	0.02	6.12	11,840.90	28.3300	3,280.30	1.4300	-91.50	-0.2500	33,146.10	41.7000

Material Aspects:

NYSE Arca, Inc. (PCOE):

PCOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Information reflecting the PCOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

Members Exchange (MXOP):

An investment entity affiliate of GS&Co. has a minority, non-controlling ownership interest in MXOP. We also participate in a MXOP program whereby the affiliate can earn warrants, which provide the right, but not the obligation, to purchase additional equity in MXOP contingent upon GS&Co. achieving certain monthly executed contract thresholds through the end of April 2026.

MXOP has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://info.memxtrading.com/us-options-trading-resources/us-options-fee-schedule/>

Information reflecting the MXOP's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

CBOE C2 Options Exchange, Inc. (C2OX):

C2OX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.cboe.com/us/options/membership/fee_schedule/ctwo/

Information reflecting the C2OX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

MIAX PEARL LLC (MPRL):

MPRL has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://www.miaxglobal.com/markets/us-options/pearl-options/fees>

Information reflecting the MPRL's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

CBOE Options Exchange (XCBO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

XCBO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://markets.cboe.com/us/options/membership/fee_schedule/xco/

Information reflecting the XCBO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

Nasdaq PHLX, LLC (PHLX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

PHLX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/phlx/rules/phlx-equity-7>

Information reflecting the PHLX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

Nasdaq ISE, LLC (ISOE):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

ISOE has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7>

Information reflecting the ISOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

NYSE American LLC (AMEX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Information reflecting the AMEX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

MIAX Securities Exchange, LLC (MIAX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a "preferenced" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferenced" registered market makers for options orders the Firm sends to the exchange.

MIAX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://www.miaxglobal.com/markets/us-equities/pearl-equities/fees>

Information reflecting the MIAX's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202503.xlsx

BOX Exchange LLC (BOX):

There are no facts or arrangements requiring disclosure under SEC Rule 606(a)(1)(iv).