

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
0.05	1.60	12.65	78.89	6.84

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. (XNYS)	32.27	62.38	3.89	37.54	16.91	-31.30	-3.5600	-118.93	-25.2600	172.97	1.8700	1.07	0.1000
The Nasdaq Stock Market LLC. (XNAS)	27.41	37.61	10.58	28.75	40.71	-33.79	-5.0400	-248.09	-23.5700	3,703.87	15.2400	-52.11	-3.1500
GSCO (GSCO)	24.47	0.00	72.48	19.36	0.39	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	7.62	0.00	0.15	9.61	0.29	0.00	0.0000	-14.21	-29.9900	-63.97	-29.9900	-2.55	-29.9900
CBOE BZX Exchange (BATS)	3.77	0.00	5.43	1.59	26.70	0.00	0.0000	-249.02	-29.9900	-1,594.91	-30.0000	-154.65	-29.8600
NYSE Arca, Inc. (ARCX)	1.18	0.00	1.67	0.71	5.95	0.00	0.0000	-77.88	-30.0000	-522.75	-29.9900	-60.57	-29.9000
Investors Exchange LLC. (IEXG)	1.06	0.00	3.06	0.72	1.56	0.00	0.0000	-33.28	-11.7800	-108.03	-11.2800	-11.61	-12.8400
CBOE EDGX Exchange (EDGX)	0.84	0.00	1.10	0.62	3.10	0.00	0.0000	-62.09	-30.0000	-691.37	-30.0000	-78.21	-30.0000
CBOE BYX Exchange (BATY)	0.27	0.00	0.33	0.21	0.95	0.00	0.0000	0.78	1.9400	7.98	1.9600	0.49	1.9600
NYSE TEXAS, INC. (XCHI)	0.26	0.00	0.15	0.26	0.55	0.00	0.0000	-9.57	-30.0000	-120.81	-29.9900	-7.81	-30.0000

Material Aspects:

New York Stock Exchange LLC. (XNYS):

The Firm is a 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

GSCO (GSCO):
Goldman Sachs & Co. LLC (GSCO) When trading as principal for the Firm's account, GSCO may realize a profit or incur a loss.

NASDAQ OMX PSX (XPSX):

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

Information reflecting PSX'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

NYSE Arca, Inc. (ARCX):

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

Investors Exchange LLC. (IEXG):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchanges public website:
<https://www.iexexchange.io/resources/trading/fee-schedule#transaction-fees>

Information reflecting IEXG'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 EDGX Exchange (EDGX):

EDGX 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/edgx/

Information reflecting the EDGX'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

NYSE TEXAS, INC. (XCHI):

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

Information reflecting XCHI'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

January 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
0.03	1.12	11.24	72.93	14.69

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. (ARCX)	27.27	27.99	4.64	33.45	13.84	-31.84	-14.9900	-410.97	-27.5000	-616.56	-15.1000	-1,041.38	-23.5400
GSCO (GSCO)	18.44	0.00	57.15	16.41	0.28	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
The Nasdaq Stock Market LLC. (XNAS)	17.18	31.48	12.11	16.94	21.21	-19.20	-5.5100	-1,286.15	-22.3700	3,040.14	12.2500	-1,236.31	-22.1500
New York Stock Exchange LLC. (XNYS)	17.10	39.05	3.94	21.62	3.05	-34.24	-3.5600	-645.67	-24.0200	464.58	4.0900	-326.35	-22.9200
CBOE BZX Exchange (BATS)	12.92	0.97	14.69	4.82	52.66	-5.60	-13.0000	-1,362.62	-29.9900	-2,636.03	-26.3800	-3,067.84	-28.8200
NASDAQ OMX PSX (XPSX)	3.62	0.00	0.27	4.82	0.54	0.00	0.0000	-31.62	-30.0000	-81.66	-29.9900	-59.92	-29.9900
CBOE EDGX Exchange (EDGX)	1.11	0.00	2.71	0.45	3.27	0.00	0.0000	-441.02	-30.0000	-798.32	-29.9700	-516.30	-29.9900
Investors Exchange LLC. (IEXG)	0.75	0.00	2.17	0.37	1.61	0.00	0.0000	-69.50	-12.4600	-195.49	-13.6900	-110.02	-16.7100
NYSE American LLC (XASE)	0.37	0.48	0.12	0.47	0.06	-2.00	-5.0000	-7.69	-20.2900	8.43	3.6000	-15.45	-23.1100
NYSE TEXAS, INC. (XCHI)	0.23	0.00	0.41	0.09	0.76	0.00	0.0000	-37.84	-30.0000	-69.82	-29.7800	-46.46	-30.0000

Material Aspects:

NYSE Arca, Inc. (ARCX):

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

GSCO (GSCO):

Goldman Sachs & Co. LLC (GSCO) When trading as principal for the Firm's account, GSCO may realize a profit or incur a loss.

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

New York Stock Exchange LLC. (XNYS):

The Firm is a 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

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

NASDAQ OMX PSX (XPSX):

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

Information reflecting PSX'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 EDGX Exchange (EDGX):

EDGX 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/edgx/

Information reflecting the EDGX'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):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchanges public website:
<https://www.iexexchange.io/resources/trading/fee-schedule#transaction-fees>

Information reflecting IEXG'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

NYSE American LLC (XASE):

AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE_America_Equities_Price_List.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_equities_rate_card_202501.xlsx

NYSE TEXAS, INC. (XCHI):

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

Information reflecting XCHI'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

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
3.81	0.00	2.33	94.15	3.50

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
NYSE Arca, Inc. (ARCO)	41.18	26.37	2.70	42.85	21.87	-4,514.47	-22.9600	-40,727.24	-32.5500	230,704.36	37.8700	-22,464.67	-13.2700
Members Exchange (MXOP)	28.34	0.00	12.75	29.77	0.50	0.00	0.0000	-70,658.33	-30.8100	91,747.72	37.3900	-825.36	-18.8200
CBOE C2 Options Exchange, Inc. (C2OX)	12.05	0.00	0.85	12.78	0.01	0.00	0.0000	-34,097.66	-43.1700	72,875.81	32.6700	-179.36	-30.6000
MIAX PEARL LLC (MPRL)	11.01	0.00	3.24	11.61	0.01	0.00	0.0000	-60,148.43	-48.9500	20,708.93	14.1300	-366.01	-41.4000
CBOE Options Exchange (XCBO)	3.34	20.20	7.45	2.14	32.98	-790.60	-12.5400	-35,356.19	-20.2800	-44,645.37	-23.2200	-44,220.40	-26.5600
Nasdaq ISE, LLC. (XISX)	0.58	13.50	3.83	0.05	12.69	968.85	3.6800	-33,941.22	-37.8700	814.65	1.2600	7,127.99	12.0300
BOX Options Exchange (XBOX)	0.57	14.80	13.88	0.04	5.75	4,016.89	49.7400	12,569.10	5.8200	1,422.25	4.0600	21,563.48	42.8200
MIAX SAPPHIRE, LLC. (SPHR)	0.49	0.00	18.43	0.06	0.02	0.00	0.0000	79,899.77	51.2100	14,678.48	37.1400	1,349.51	58.3700
NYSE American LLC (AMXO)	0.38	5.93	3.00	0.02	8.19	-262.00	-4.1000	-6,146.40	-7.8700	-1,352.22	-4.8300	-7,682.83	-13.4700
NASDAQ Options Market LLC (XNDQ)	0.37	0.00	12.97	0.07	0.00	0.00	0.0000	-117,384.48	-51.5300	-27,553.70	-35.2000	-573.60	-48.9800

Material Aspects:

NYSE Arca, Inc. (ARCO):

ARCO 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 ARCO'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

Nasdaq ISE, LLC. (XISX):

XISX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>

Information reflecting the XISX'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 Options Exchange (XBOX):

XBOX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://boxoptions.com/regulatory/fee-schedule/>

Information reflecting the XBOX'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 SAPPHERE, LLC. (SPHR):

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

Information reflecting the SPHR'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 (AMXO):

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 (XNDQ):

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
0.06	1.63	14.11	78.96	5.28

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 per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cent per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cent per hundred shares)
New York Stock Exchange LLC. (XNYS)	37.93	60.91	4.16	45.09	13.90	-26.70	-3.6000	-76.13	-24.9500	392.82	4.5200	-14.95	-0.8600
The Nasdaq Stock Market LLC. (XNAS)	27.73	39.08	9.09	30.04	39.48	-52.60	-4.9200	-362.32	-26.1600	2,254.82	13.5000	-200.46	-22.4100
GSCO (GSCO)	19.63	0.00	73.84	11.60	0.94	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	7.59	0.00	0.23	9.51	0.91	0.00	0.0000	-5.09	-29.9900	-65.34	-29.9900	-3.48	-30.0000
CBOE BZX Exchange (BATS)	3.55	0.00	7.11	1.13	31.33	0.00	0.0000	-157.19	-30.0000	-980.81	-29.9900	-131.03	-30.0000
NYSE Arca, Inc. (ARCX)	1.03	0.00	1.83	0.63	5.04	0.00	0.0000	-115.24	-29.9900	-442.57	-30.0000	-44.11	-30.0000
CBOE EDGX Exchange (EDGX)	0.77	0.00	1.38	0.53	2.88	0.00	0.0000	-98.25	-30.0000	-431.18	-29.9900	-38.86	-29.9900
Investors Exchange LLC. (IEXG)	0.58	0.00	0.93	0.46	1.48	0.00	0.0000	-24.54	-12.5400	-97.22	-12.2100	-16.52	-11.8600
Members Exchange (MEMX)	0.29	0.00	0.26	0.21	1.63	0.00	0.0000	-24.19	-29.9900	-178.63	-29.9900	-16.41	-30.0000
CBOE BYX Exchange (BATY)	0.22	0.00	0.30	0.18	0.68	0.00	0.0000	0.41	1.2900	5.82	1.7400	0.56	1.9900

Material Aspects:

New York Stock Exchange LLC. (XNYS):

The Firm is a 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

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

GSCO (GSCO):

Goldman Sachs & Co. LLC (GSCO) When trading as principal for the Firm's account, GSCO may realize a profit or incur a loss.

NASDAQ OMX PSX (XPSX):

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

Information reflecting PSX'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 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. (ARCX):

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

CBOE EDGX Exchange (EDGX):

EDGX 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/edgx/

Information reflecting the EDGX'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):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchanges public website:
<https://www.iexexchange.io/resources/trading/fee-schedule#transaction-fees>

Information reflecting IEXG'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

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	1.57	12.27	74.09	12.05

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. (ARCX)	30.03	31.15	3.60	37.17	12.95	-163.29	-14.9900	-322.23	-26.4700	-659.48	-19.4100	-444.59	-21.1800
The Nasdaq Stock Market LLC. (XNAS)	18.55	39.46	12.31	18.71	21.18	-46.25	-6.6600	-2,653.90	-27.0100	601.21	4.5100	-990.27	-26.4200
New York Stock Exchange LLC. (XNYS)	18.09	27.25	2.97	22.89	2.75	-18.67	-3.6000	-384.28	-9.4300	228.79	2.6300	-213.74	-23.8300
GSCO (GSCO)	14.97	0.00	57.87	10.54	0.48	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	10.95	1.41	16.20	3.43	53.06	-6.13	-12.9900	-1,655.67	-29.6400	-1,733.12	-27.1800	-2,364.89	-29.8300
NASDAQ OMX PSX (XPSX)	3.83	0.00	0.26	5.07	0.39	0.00	0.0000	-19.35	-30.0000	-59.30	-29.9900	-41.50	-29.9900
CBOE EDGX Exchange (EDGX)	0.99	0.00	2.33	0.55	2.44	0.00	0.0000	-537.25	-29.4100	-500.93	-29.7700	-244.90	-30.0000
Members Exchange (MEMX)	0.59	0.00	0.91	0.34	1.93	0.00	0.0000	-140.92	-29.6200	-257.67	-29.5300	-150.31	-29.8900
NYSE American LLC (XASE)	0.42	0.70	0.11	0.53	0.02	-1.07	-5.0000	-11.78	-19.6000	-9.92	-10.9600	-10.07	-30.0000
Investors Exchange LLC. (IEXG)	0.40	0.00	1.16	0.19	0.95	0.00	0.0000	-81.93	-12.8600	-136.02	-15.3300	-49.68	-17.0500

Material Aspects:

NYSE Arca, Inc. (ARCX):

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

New York Stock Exchange LLC. (XNYS):

The Firm is a 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

GSCO (GSCO):

Goldman Sachs & Co. LLC (GSCO) When trading as principal for the Firm's account, GSCO may realize a profit or incur a loss.

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

NASDAQ OMX PSX (XPSX):

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

Information reflecting PSX'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 EDGX Exchange (EDGX):

EDGX 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/edgx/

Information reflecting the EDGX'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 refecting 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

NYSE American LLC (XASE):

AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE_America_Equities_Price_List.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_equities_rate_card_202502.xlsx

Investors Exchange LLC. (IEXG):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchanges public website:
<https://www.iexexchange.io/resources/trading/fee-schedule#transaction-fees>

Information reflecting IEXG'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

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
3.67	0.00	1.42	90.12	8.44

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 . (ARCO)	40.99	27.41	4.07	42.63	29.72	-2,648.34	-16.9300	-36,155.50	-33.6800	175,357.77	36.0700	-967.42	-0.5700
Members Exchange	29.32	0.00	12.50	32.33	0.13	0.00	0.0000	-59,251.91	-28.3700	100,271.72	42.6600	-123.69	-5.7100

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)
(MXOP)													
CBOE C2 Options Exchange, Inc. (C2OX)	10.61	0.00	1.56	11.75	0.00	0.00	0.0000	-36,476.04	-43.3500	57,755.82	30.7200	-538.40	-42.1600
MIAX PEARL LLC (MPRL)	9.78	0.00	3.16	10.80	0.00	0.00	0.0000	-45,658.91	-47.6700	14,053.67	12.1700	-300.60	-43.1900
CBOE Options Exchange (XCBO)	3.15	19.59	7.83	1.48	20.14	-2,406.77	-20.0200	-31,090.18	-21.0900	-25,164.42	-19.5700	-37,891.81	-26.1900
Nasdaq ISE, LLC. (XISX)	1.26	10.42	3.40	0.07	13.57	875.89	13.6800	-27,880.20	-35.6500	4,143.74	6.9700	10,098.28	15.5900
Nasdaq PHLX, LLC (XPHO)	0.81	6.09	1.46	0.03	8.95	-143.36	-7.7600	-5,042.96	-11.8200	-672.22	-3.3700	-2,882.74	-10.8900
NYSE American LLC (AMXO)	0.79	6.92	2.49	0.03	8.61	-298.75	-6.5900	-4,359.01	-6.9300	-1,180.80	-4.1900	-3,811.75	-5.1700
BOX Options Exchange (XBOX)	0.71	13.95	12.31	0.04	5.91	3,593.20	50.8800	12,854.05	7.2300	1,437.00	5.1700	36,403.80	49.4500
CBOE EDGO Exchange (EDGO)	0.63	6.81	2.30	0.03	6.67	593.04	30.2500	-8,005.92	-10.1000	-900.68	-3.6100	7,478.76	39.5200

Material Aspects:

NYSE Arca, Inc. (ARCO):

ARCO 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 ARCO'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. (XISX):

XISX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>

Information reflecting the XISX'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 (XPHO):

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 (AMXO):

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 Options Exchange (XBOX):

XBOX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://boxoptions.com/regulatory/fee-schedule/>

Information reflecting the XBOX'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 EDGO Exchange (EDGO):

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.

EDGO 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/edgo/

Information reflecting the EDGO'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
0.06	1.30	17.87	76.71	4.10

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. (XNYS)	36.83	53.10	3.31	44.75	29.66	-10.00	-2.2900	-196.83	-24.5500	449.58	5.5100	-11.13	-0.6700
The Nasdaq Stock Market LLC. (XNAS)	28.05	46.89	9.58	31.34	40.98	-15.19	-5.4200	-637.34	-29.1600	3,193.01	18.5500	-314.21	-14.4500
GSCO (GSCO)	22.51	0.00	74.79	11.75	3.10	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	7.79	0.00	0.32	10.05	0.65	0.00	0.0000	-27.14	-29.9900	-41.69	-30.0000	-10.88	-29.9900
CBOE BZX Exchange (BATS)	2.20	0.00	5.80	0.83	12.75	0.00	0.0000	-445.82	-29.9900	-728.58	-30.0000	-124.06	-30.0000
NYSE Arca, Inc. (ARCX)	0.87	0.00	1.87	0.36	6.28	0.00	0.0000	-214.50	-30.0000	-440.57	-29.9900	-52.88	-30.0000
CBOE EDGX Exchange (EDGX)	0.46	0.00	1.12	0.24	1.81	0.00	0.0000	-236.67	-29.9900	-410.62	-30.0000	-45.35	-30.0000
Investors Exchange LLC. (IEXG)	0.31	0.00	0.78	0.17	1.00	0.00	0.0000	-46.24	-12.2400	-137.16	-15.5800	-7.24	-11.9800
Members Exchange (MEMX)	0.26	0.00	0.70	0.12	1.19	0.00	0.0000	-132.76	-29.9900	-248.66	-30.0000	-17.89	-30.0000
CBOE BYX Exchange (BATY)	0.16	0.00	0.37	0.08	0.71	0.00	0.0000	3.93	1.9600	4.15	1.6000	0.56	1.7800

Material Aspects:

New York Stock Exchange LLC. (XNYS):

The Firm is a 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

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

GSCO (GSCO):

Goldman Sachs & Co. LLC (GSCO) When trading as principal for the Firm's account, GSCO may realize a profit or incur a loss.

NASDAQ OMX PSX (XPSX):

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

Information reflecting PSX'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. (ARCX):

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

CBOE EDGX Exchange (EDGX):

EDGX 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/edgx/

Information reflecting the EDGX'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

Investors Exchange LLC. (IEXG):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchanges public website:
<https://www.iexexchange.io/resources/trading/fee-schedule#transaction-fees>

Information reflecting IEXG'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 refecting 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

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_202503.xlsx

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
0.02	1.30	16.59	69.01	13.08

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. (ARCX)	28.08	34.08	4.78	36.09	14.76	-253.60	-14.9900	-874.89	-28.2900	-40.59	-1.0200	-1,401.05	-26.5200
The Nasdaq Stock Market	20.51	40.82	11.17	22.35	20.63	-42.35	-6.0500	-2,235.08	-28.4700	4,247.80	18.2900	-1,951.31	-26.4300

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)
LLC. (XNAS)													
New York Stock Exchange LLC. (XNYS)	17.17	23.22	2.71	23.09	3.69	-18.24	-2.2900	-740.02	-25.0000	614.00	5.9100	-392.22	-15.6400
GSCO (GSCO)	14.85	0.00	59.60	7.04	0.76	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	10.95	0.37	14.72	3.12	48.51	-0.21	-13.0000	-2,517.53	-29.6700	-1,497.00	-21.7800	-3,638.98	-29.6600
NASDAQ OMX PSX (XPSX)	4.45	0.00	0.32	6.30	0.38	0.00	0.0000	-64.39	-29.9200	-45.89	-29.9100	-96.07	-29.9900
CBOE EDGX Exchange (EDGX)	0.98	0.00	1.98	0.31	3.33	0.00	0.0000	-617.32	-29.8300	-293.86	-29.8700	-715.31	-29.9900
Members Exchange (MEMX)	0.69	0.00	1.17	0.22	2.66	0.00	0.0000	-439.43	-29.5700	-259.76	-29.9800	-584.46	-30.0000
NYSE American LLC (XASE)	0.58	1.49	0.03	0.80	0.02	-16.90	-5.0000	-30.38	-30.0000	-11.78	-10.1900	-31.79	-30.0000
Investors Exchange LLC. (IEXG)	0.38	0.00	0.95	0.13	0.97	0.00	0.0000	-171.83	-16.3300	-80.36	-14.4600	-215.53	-19.6800

Material Aspects:

NYSE Arca, Inc. (ARCX):

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

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

New York Stock Exchange LLC. (XNYS):

The Firm is a 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

GSCO (GSCO):

Goldman Sachs & Co. LLC (GSCO) When trading as principal for the Firm's account, GSCO may realize a profit or incur a loss.

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

NASDAQ OMX PSX (XPSX):

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

Information reflecting PSX'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 EDGX Exchange (EDGX):

EDGX 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/edgx/

Information reflecting the EDGX'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 refecting 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

NYSE American LLC (XASE):

AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
https://www.nyse.com/publicdocs/nyse/markets/nyse-american/NYSE_America_Equities_Price_List.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_equities_rate_card_202503.xlsx

Investors Exchange LLC. (IEXG):

IEXG has a tiered pricing/payment schedule. For detailed information, please see the exchanges public website:
<https://www.iexexchange.io/resources/trading/fee-schedule#transaction-fees>

Information reflecting IEXG'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

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
5.50	0.00	1.20	87.03	11.74

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 . (ARCO)	44.10	23.45	4.16	46.45	30.85	-9,976.26	-37.0800	-44,239.27	-37.0300	185,038.40	38.8200	-15,777.13	-9.8700
Members Exchange (MXOP)	26.71	0.00	13.24	30.49	0.10	0.00	0.0000	-75,428.79	-32.3700	94,457.58	41.6400	303.72	14.3800
CBOE C2 Options Exchange, Inc.	9.64	0.00	2.06	11.05	0.00	0.00	0.0000	-52,683.64	-44.1200	62,081.66	31.1600	-265.94	-39.3900

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)
(C2OX)													
MIAX PEARL LLC (MPRL)	8.92	0.00	3.43	10.20	0.00	0.00	0.0000	-53,066.78	-47.2100	18,549.41	15.0700	-256.46	-49.8900
CBOE Options Exchange (XCBO)	2.81	16.96	8.20	1.14	14.64	-753.50	-13.9900	-48,129.86	-28.1800	-50,540.48	-26.8400	-64,290.15	-38.3600
Nasdaq ISE, LLC. (XISX)	1.53	11.05	3.27	0.04	12.40	1,164.17	18.4400	-33,508.80	-38.1600	2,706.88	5.3500	6,676.08	11.3700
Nasdaq PHLX, LLC (XPHO)	1.36	6.29	1.12	0.02	11.34	-52.68	-2.3800	-6,265.46	-16.2100	-1,020.97	-5.6600	-1,983.73	-9.1100
NYSE American LLC (AMXO)	1.26	6.50	1.73	0.02	10.37	-77.25	-1.4500	-5,120.01	-9.2800	-1,092.99	-4.6900	-5,691.58	-10.0700
BOX Options Exchange (XBOX)	0.89	14.40	10.83	0.03	6.25	1,827.10	45.1100	854.10	0.4400	1,011.70	3.4900	27,701.32	49.7500
MIAX Securities Exchange, LLC (XMIO)	0.89	6.37	1.48	0.02	7.29	455.23	15.9400	-9,384.17	-19.8800	-823.17	-4.6100	1,308.65	3.3000

Material Aspects:

NYSE Arca, Inc. (ARCO):

ARCO 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 ARCO'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 MPRLs 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/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_202503.xlsx

Nasdaq ISE, LLC. (XISX):

XISX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>

Information reflecting the XISX'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 (XPHO):

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 "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" 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

NYSE American LLC (AMXO):

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 "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" 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

BOX Options Exchange (XBOX):

XBOX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website:
<https://boxoptions.com/regulatory/fee-schedule/>

Information reflecting the XBOX'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 (XMIO):

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 "preferred" market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from "preferred" 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