

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

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1st Quarter, 2024

January 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.00	2.61	0.46	59.14	37.77

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)	42.21	3.19	1.09	74.83	20.87	-68.91	-3.1600	-19.55	-2.6600	933.22	4.8700	55.71	2.4600
The Nasdaq Stock Market LLC. (XNAS)	31.89	3.67	0.00	51.85	44.46	-81.41	-4.1400	0.00	0.0000	913.66	4.9400	-1,289.62	-23.3100
Investors Exchange LLC (IEXG)	7.10	0.00	0.00	3.64	96.35	0.00	0.0000	0.00	0.0000	-122.12	-10.0000	-253.09	-10.0000
NASDAQ OMX PSX (XPSX)	5.84	0.00	0.00	83.70	16.29	0.00	0.0000	0.00	0.0000	-103.09	-30.0000	-4.35	-30.0000
UBS ATS (UBSA)	5.76	0.00	0.00	0.00	99.99	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	2.61	0.00	0.00	80.78	19.21	0.00	0.0000	0.00	0.0000	-2,281.26	-29.7600	-161.87	-29.9300
NYSE Arca, Inc. (ARCA)	1.38	0.00	0.00	83.31	16.68	0.00	0.0000	0.00	0.0000	-947.50	-29.0200	-50.12	-28.7900
Members Exchange (MEMX)	0.99	0.00	0.00	82.04	17.95	0.00	0.0000	0.00	0.0000	-422.91	-27.8100	-28.26	-27.6500
CBOE EDGX Exchange (EDGX)	0.60	0.00	0.00	85.33	14.66	0.00	0.0000	0.00	0.0000	-1,091.77	-30.0000	-39.12	-30.0000
NYSE Chicago (XCHI)	0.32	0.00	0.00	91.44	8.55	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_202401.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>

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_202401.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_202401.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_202401.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_202401.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/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_202401.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_202401.xlsx

NYSE Chicago (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

January 2024

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.02	2.24	0.41	52.54	44.78

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)	28.67	1.72	0.76	71.50	26.00	-201.24	-15.0000	-22.82	-6.0000	-2,492.16	-20.4300	-822.96	-13.0900
The Nasdaq Stock Market LLC. (XNAS)	20.44	3.63	0.27	43.72	52.35	-132.21	-6.1500	-15.20	-22.3500	396.64	0.8800	-6,142.12	-23.8100
New York Stock Exchange LLC. (NYSE)	18.05	2.52	0.74	78.90	17.82	-81.19	-3.1800	123.01	9.9000	1,387.79	4.5300	394.28	7.5200
Investors Exchange LLC (IEXG)	5.64	0.00	0.00	3.55	96.44	0.00	0.0000	0.00	0.0000	-162.28	-9.9100	-467.26	-9.8900
CBOE BZX Exchange (BATS)	5.44	0.22	0.00	66.46	33.31	-4.92	-7.5000	0.00	0.0000	-7,263.42	-27.5700	-1,936.49	-28.2300
UBS ATS (UBSA)	4.86	0.00	0.00	0.74	99.25	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Sigma X2 ATS (SGMT)	3.79	0.00	0.00	4.02	95.97	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	2.75	0.00	0.00	84.68	15.31	0.00	0.0000	0.00	0.0000	-218.08	-30.0000	-49.91	-30.0000
CBOE EDGA Exchange (EDGA)	1.40	0.00	0.00	19.21	80.78	0.00	0.0000	0.00	0.0000	172.33	13.1400	25.28	17.4900
CBOE BYX Exchange (BATY)	1.39	0.00	0.00	16.06	83.93	0.00	0.0000	0.00	0.0000	9.25	0.7600	1.98	1.7700

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_202401.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>

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_202401.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

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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_202401.xlsx

Sigma X2 ATS (SGMT):
 SGMT is wholly owned by GSCO. Accordingly, GSCO receives revenue for executions in SGMT.

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_202401.xlsx

CBOE EDGA Exchange (EDGA):

EDGA 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/edga/

Information reflecting the EDGA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202401.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_202401.xlsx

January 2024

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
1.95	0.06	10.40	78.91	10.61

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. (PCOE)	57.35	0.01	0.62	90.33	9.02	-20,066.32	-32.5100	-54,149.31	-53.0300	186,248.59	29.7700	-28,079.73	-18.9400
CBOE C2 Options Exchange, Inc. (C2OX)	9.16	0.00	1.86	98.12	0.00	0.00	0.0000	-55,182.34	-47.7000	-39,897.47	-32.6800	-106.75	-34.3200
MIAx PEARL LLC (MPRL)	8.91	0.00	10.42	89.55	0.01	0.00	0.0000	-285,565.63	-53.6300	-18,182.51	-15.8000	-864.19	-47.2200

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)
NASDAQ Options Market LLC (NDOE)	7.11	0.00	14.35	85.62	0.02	0.00	0.0000	-136,562.94	-52.9700	21,941.28	24.0100	-262.40	-45.7900
CBOE Options Exchange (XCBO)	5.22	0.39	23.42	31.69	44.48	-15,187.69	-27.1700	-62,571.37	-21.5100	-47,587.34	-23.5400	-32,412.65	-25.0100
NASDAQ BX Options (XBOX)	3.56	0.26	81.85	3.99	13.88	8,102.40	53.6600	72,079.70	13.4800	472.80	0.5500	25,368.50	46.7500
Nasdaq ISE, LLC (ISOE)	1.94	0.31	25.29	10.47	63.92	1,904.85	7.0400	-49,164.87	-44.2200	12,372.56	16.4500	10,762.55	16.1800
NASDAQ BX Options (NBXO)	1.66	0.00	82.14	17.74	0.10	0.00	0.0000	-89,547.70	-40.0200	9,751.48	26.3000	-173.90	-29.0300
CBOE BZX Options Exchange (BATO)	1.38	0.00	49.31	50.51	0.16	0.00	0.0000	-96,470.95	-68.7100	23,216.56	13.4900	-248.45	-32.3000
NYSE American LLC (AMEX)	0.77	0.67	28.35	17.97	52.99	-53.25	-0.3100	-4,957.25	-5.8200	-7,714.74	-21.8300	-203.19	-0.5100

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_202401.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_202401.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_202401.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_202401.xlsx

NASDAQ BX Options (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_202401.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_202401.xlsx

NASDAQ BX Options (NBXO):

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

Information reflecting the NBXO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202401.xlsx

CBOE BZX Options Exchange (BATO):

BATO 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/bato/

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_202401.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_202401.xlsx

February 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.00	5.07	0.25	57.64	37.02

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)	43.59	5.76	0.58	74.33	19.32	-40.66	-3.4900	-3.31	-0.8500	835.13	7.9200	58.16	2.8900
The Nasdaq Stock Market LLC. (XNAS)	31.93	6.75	0.00	50.73	42.51	-75.58	-4.6600	0.00	0.0000	3,454.07	17.5200	604.36	4.2900
Investors Exchange LLC (IEXG)	6.25	0.00	0.00	2.18	97.81	0.00	0.0000	0.00	0.0000	-78.95	-10.0000	-158.03	-10.0000

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)
NASDAQ OMX PSX (XPSX)	5.81	0.00	0.00	83.51	16.48	0.00	0.0000	0.00	0.0000	-61.68	-30.0000	-10.20	-30.0000
UBS ATS (UBSA)	5.49	0.00	0.00	0.13	99.86	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	1.58	0.39	0.00	66.60	33.00	-1.03	-7.5000	0.00	0.0000	-1,217.46	-28.4600	-251.95	-28.9700
NYSE Arca, Inc. (ARCA)	1.21	0.00	0.35	79.65	19.99	0.00	0.0000	-1.77	-3.4900	-533.94	-26.1200	-135.96	-28.1800
Members Exchange (MEMX)	0.95	0.00	0.00	74.76	25.23	0.00	0.0000	0.00	0.0000	-168.69	-20.3000	-75.60	-26.1600
Sigma X2 ATS (SGMT)	0.79	0.00	0.00	2.39	97.60	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGX Exchange (EDGX)	0.38	0.00	0.00	74.58	25.41	0.00	0.0000	0.00	0.0000	-572.95	-30.0000	-109.41	-30.0000

Material Aspects:

New York Stock Exchange LLC. (NYSE):

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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>

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_202402.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_202402.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_202402.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_202402.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/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_202402.xlsx

Sigma X2 ATS (SGMT):

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

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_202402.xlsx

February 2024

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.02	2.11	0.25	50.69	46.93

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)	26.15	1.57	0.18	74.50	23.74	-131.01	-15.0000	-34.89	-6.9500	-1,605.63	-16.4900	-693.38	-20.8200
The Nasdaq Stock Market LLC. (XNAS)	20.04	3.24	0.00	45.12	51.63	-107.95	-4.6600	0.00	0.0000	5,708.43	11.7000	-3,637.58	-17.1200
New York Stock Exchange LLC. (NYSE)	18.49	3.65	1.10	75.38	19.85	-105.29	-3.5300	-63.24	-3.0400	3,615.08	8.9600	347.97	5.7800
Investors Exchange LLC (IEXG)	5.35	0.00	0.00	2.76	97.23	0.00	0.0000	0.00	0.0000	-153.80	-9.9000	-436.62	-9.9700
Sigma X2 ATS (SGMT)	5.26	0.00	0.00	3.45	96.54	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
UBS ATS (UBSA)	4.61	0.00	0.00	0.95	99.04	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	4.23	0.71	0.00	68.56	30.71	-2.93	-7.5000	0.00	0.0000	-5,972.94	-28.6100	-1,377.92	-28.8600
NASDAQ OMX PSX (XPSX)	2.87	0.00	0.00	85.91	14.08	0.00	0.0000	0.00	0.0000	-153.08	-30.0000	-46.96	-29.0500
CBOE EDGA Exchange (EDGA)	1.89	0.00	0.00	13.34	86.65	0.00	0.0000	0.00	0.0000	137.20	14.5800	38.20	17.0900

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)	1.87	0.00	0.00	12.12	87.87	0.00	0.0000	0.00	0.0000	1.80	0.2400	3.76	1.6800

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_202402.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>

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_202402.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_202402.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_202402.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_202402.xlsx

CBOE EDGA Exchange (EDGA):

EDGA 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/edga/

Information reflecting the EDGA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202402.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_202402.xlsx

February 2024

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
1.44	0.09	17.01	69.68	13.20

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)	55.52	0.03	1.37	87.26	11.33	-21,847.90	-26.9300	-52,557.77	-54.7200	185,185.32	30.3100	-16,547.71	-13.0100
CBOE BZX Options Exchange (BATO)	7.31	0.00	14.55	85.40	0.04	0.00	0.0000	-90,711.89	-71.0500	58,097.00	21.2800	-667.40	-24.0500
CBOE Options Exchange (XCBO)	6.89	0.39	27.40	26.01	46.18	-19,454.71	-39.9700	-58,942.18	-22.3800	-51,346.45	-22.7800	-29,798.18	-27.9200
MIAX PEARL LLC (MPRL)	5.45	0.00	23.56	76.39	0.04	0.00	0.0000	-251,069.99	-53.2300	-11,364.99	-13.8400	-2,308.35	-40.5300
CBOE C2 Options Exchange, Inc. (C2OX)	5.16	0.00	6.38	93.59	0.02	0.00	0.0000	-52,045.44	-47.7600	-29,358.63	-34.3300	-714.09	-81.9800
NASDAQ Options Market LLC (NDOE)	4.90	0.00	39.29	60.66	0.03	0.00	0.0000	-128,914.07	-53.3400	11,086.06	16.4700	-1,029.42	-41.3000
NASDAQ BX Options (XBOX)	4.44	0.26	86.15	1.99	11.59	15,494.60	35.2000	71,235.10	13.9700	715.45	1.4000	20,254.90	41.7000
NASDAQ BX Options (NBXO)	3.62	0.00	94.99	4.94	0.06	0.00	0.0000	-90,836.52	-41.0200	7,165.96	24.8000	-214.23	-13.8400
Nasdaq ISE, LLC (ISOE)	2.39	0.38	24.43	6.81	68.35	3,742.90	13.4100	-47,549.22	-45.5800	17,016.18	25.8800	17,346.30	16.2300
NYSE American LLC (AMEX)	0.94	0.75	45.20	9.83	44.20	-10.50	-0.0300	-8,083.65	-8.5700	-6,017.07	-13.2300	-530.12	-0.9200

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_202402.xlsx

CBOE BZX Options Exchange (BATO):

BATO 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/bato/

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_202402.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_202402.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_202402.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_202402.xlsx

NASDAQ BX Options (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_202402.xlsx

NASDAQ BX Options (NBXO):

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

Information reflecting the NBXO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202402.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_202402.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_202402.xlsx

March 2024

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.00	5.32	0.23	56.94	37.48

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)	39.65	7.64	0.59	71.93	19.82	-26.67	-2.6900	-8.92	-3.1700	286.73	4.1200	-9.81	-0.5900
The Nasdaq Stock Market LLC. (XNAS)	33.82	6.03	0.00	53.33	40.62	-77.34	-5.6600	0.00	0.0000	1,787.06	13.3400	1,583.66	11.2600
Investors Exchange LLC (IEXG)	6.13	0.00	0.00	2.42	97.57	0.00	0.0000	0.00	0.0000	-44.16	-10.0000	-133.83	-10.0000
NASDAQ OMX PSX (XPSX)	5.73	0.00	0.00	84.19	15.80	0.00	0.0000	0.00	0.0000	-45.73	-30.0000	-10.86	-30.0000
UBS ATS (UBSA)	5.29	0.00	0.00	0.11	99.88	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	2.50	0.00	0.00	64.80	35.19	0.00	0.0000	0.00	0.0000	-973.98	-28.6700	-246.01	-28.7100
NYSE Arca, Inc. (ARCA)	1.69	0.00	0.00	77.24	22.75	0.00	0.0000	-0.54	-30.0000	-421.59	-25.6200	-115.58	-28.2200
Sigma X2 ATS (SGMT)	1.39	0.00	0.00	0.71	99.28	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Members Exchange (MEMX)	1.22	0.00	0.00	74.60	25.39	0.00	0.0000	0.00	0.0000	-110.79	-17.4400	-69.82	-27.3900
CBOE EDGX Exchange (EDGX)	0.57	0.00	0.00	72.66	27.33	0.00	0.0000	0.00	0.0000	-631.19	-30.0000	-150.43	-30.0000

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_202403.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>

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_202403.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_202403.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_202403.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_202403.xlsx

Sigma X2 ATS (SGMT):

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

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/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_202403.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_202403.xlsx

March 2024

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
0.02	2.25	0.28	55.22	42.23

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)	27.94	1.10	0.31	75.49	23.08	-246.93	-15.0000	-17.65	-6.0000	-1,871.80	-16.9200	-440.48	-18.5900
The Nasdaq Stock Market LLC. (XNAS)	18.36	4.52	0.00	54.72	40.74	-329.76	-5.6900	0.00	0.0000	3,325.15	6.8200	-3,763.13	-22.7500
New York Stock Exchange	17.72	4.61	1.10	76.05	18.22	-94.41	-2.6900	-8.14	-0.9500	1,407.08	3.8000	-114.07	-5.0700

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. (NYSE)													
CBOE BZX Exchange (BATS)	6.83	0.26	0.00	62.20	37.52	-6.28	-7.5000	0.00	0.0000	-5,804.21	-27.8300	-1,765.53	-29.0000
Sigma X2 ATS (SGMT)	5.73	0.00	0.00	2.79	97.20	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Investors Exchange LLC (IEXG)	3.53	0.00	0.00	5.15	94.84	0.00	0.0000	0.00	0.0000	-163.61	-9.8200	-325.84	-9.9400
NASDAQ OMX PSX (XPSX)	3.00	0.00	0.00	85.82	14.17	0.00	0.0000	0.00	0.0000	-254.63	-29.4700	-24.24	-30.0000
UBS ATS (UBSA)	2.94	0.00	0.00	0.99	99.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA Exchange (EDGA)	1.94	0.00	0.00	14.52	85.47	0.00	0.0000	0.00	0.0000	173.72	11.8300	15.25	11.4200
CBOE BYX Exchange (BATY)	1.91	0.00	0.00	12.84	87.15	0.00	0.0000	0.00	0.0000	14.31	1.2200	1.01	0.6600

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_202403.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>

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_202403.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_202403.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_202403.xlsx

Sigma X2 ATS (SGMT):

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

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_202403.xlsx

CBOE EDGA Exchange (EDGA):

EDGA 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/edga/

Information reflecting the EDGA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202403.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_202403.xlsx

March 2024

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
1.26	0.09	19.00	60.30	20.59

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)	52.74	0.02	1.57	79.04	19.35	-31,864.81	-30.5000	-48,512.23	-49.9600	161,288.05	26.5800	-27,461.28	-16.5100
CBOE BZX Options Exchange (BATO)	11.05	0.00	11.95	87.97	0.06	0.00	0.0000	-74,853.92	-70.4800	75,111.75	25.2400	-1,374.25	-43.0100
CBOE Options Exchange (XCBO)	6.00	0.51	29.72	22.71	47.05	-22,991.98	-26.3900	-63,555.53	-24.7500	-39,913.71	-19.5600	-18,424.11	-24.1900
NASDAQ BX Options (XBOX)	4.92	0.25	80.16	1.57	18.01	16,441.20	45.1700	47,773.65	10.9700	626.00	1.8000	28,264.40	44.5800
NASDAQ Options Market LLC (NDOE)	4.24	0.00	56.32	43.57	0.10	0.00	0.0000	-124,363.21	-54.2400	5,566.15	8.8700	-1,052.24	-43.8000
Nasdaq ISE, LLC (ISOE)	4.03	0.25	14.73	4.83	80.16	5,172.28	5.4600	-54,929.55	-48.9400	16,817.95	22.7200	18,425.22	13.5700
NASDAQ BX Options (NBXO)	3.95	0.00	95.87	4.00	0.12	0.00	0.0000	-81,354.20	-41.8200	6,334.02	21.1900	-415.11	-22.1100
MIAX PEARL LLC (MPRL)	3.24	0.00	39.82	60.01	0.16	0.00	0.0000	-220,514.72	-50.3700	-7,045.53	-9.7000	-2,278.96	-39.8600

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 C2 Options Exchange, Inc. (C2OX)	2.78	0.00	15.50	84.39	0.10	0.00	0.0000	-44,657.21	-48.4700	-22,971.15	-31.0600	-1,146.23	-68.4700
NYSE American LLC (AMEX)	1.94	0.32	30.52	4.05	65.09	-6.75	-0.0200	-9,455.09	-9.5900	-6,036.88	-15.9500	-444.57	-0.8800

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_202403.xlsx

CBOE BZX Options Exchange (BATO):

BATO 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/bato/

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_202403.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_202403.xlsx

NASDAQ BX Options (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_202403.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_202403.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_202403.xlsx

NASDAQ BX Options (NBXO):

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

Information reflecting the NBXO's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202403.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_202403.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_202403.xlsx