

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

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2nd Quarter, 2024

April 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	9.01	0.41	68.16	22.40

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)	50.80	15.58	0.80	64.53	19.07	-78.70	-3.9400	-7.09	-1.0400	-135.10	-2.2200	-7.55	-0.2900
The Nasdaq Stock Market LLC. (XNAS)	30.33	2.64	0.00	70.87	26.48	-37.01	-5.3600	0.00	0.0000	2,130.92	14.0600	587.74	15.2100
NASDAQ OMX PSX (XPSX)	6.73	0.00	0.00	83.95	16.04	0.00	0.0000	0.00	0.0000	-70.43	-30.0000	-2.35	-30.0000
CBOE BZX Exchange (BATS)	4.04	0.00	0.00	66.51	33.48	0.00	0.0000	0.00	0.0000	-599.78	-29.2100	-124.17	-26.7800
NYSE Arca, Inc. (ARCA)	2.55	0.00	0.00	72.16	27.83	0.00	0.0000	0.00	0.0000	-434.28	-29.4400	-30.74	-14.8200
Members Exchange (MEMX)	1.60	0.00	0.00	59.61	40.38	0.00	0.0000	0.00	0.0000	-137.92	-25.8500	-8.56	-9.4300
CBOE EDGX Exchange (EDGX)	0.97	0.00	0.00	86.93	13.06	0.00	0.0000	0.00	0.0000	-435.65	-30.0000	-42.86	-30.0000
EPRL (EPRL)	0.47	0.00	0.00	65.64	34.35	0.00	0.0000	0.00	0.0000	-96.34	-27.5800	-18.02	-25.4200
NYSE Chicago (XCHI)	0.34	0.00	0.00	88.10	11.89	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA Exchange (EDGA)	0.32	0.00	0.00	74.97	25.02	0.00	0.0000	0.00	0.0000	61.62	13.6500	2.24	8.6800

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_202404.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_202404.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_202404.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_202404.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_202404.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_202404.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_202404.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

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_202404.xlsx

April 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
0.01	2.52	0.30	58.29	38.87

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)	29.91	1.19	0.19	72.23	26.38	-269.53	-15.0000	-59.58	-6.0000	-1,878.84	-14.3900	-294.08	-9.0200
New York Stock Exchange LLC. (NYSE)	20.06	6.97	1.18	71.18	20.65	-102.14	-3.9400	66.07	2.4000	-207.27	-1.0000	-106.08	-2.9400
The Nasdaq Stock Market LLC. (XNAS)	13.37	3.84	0.00	70.89	25.25	-110.54	-5.5100	0.00	0.0000	-647.68	-1.8000	-534.34	-9.4000
CBOE BZX Exchange (BATS)	10.49	0.17	0.00	58.49	41.33	-8.43	-7.5000	0.00	0.0000	-6,923.62	-28.7100	-1,525.89	-26.5300
Sigma X2 ATS (SGMT)	5.77	0.00	0.00	2.48	97.51	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	3.03	0.00	0.00	84.69	15.30	0.00	0.0000	0.00	0.0000	-205.57	-27.6900	-36.39	-30.0000
CBOE BYX Exchange (BATY)	2.31	0.00	0.00	10.70	89.29	0.00	0.0000	0.00	0.0000	6.03	0.8400	-1.12	-0.8700
CBOE EDGA Exchange (EDGA)	2.31	0.00	0.00	12.41	87.58	0.00	0.0000	0.00	0.0000	110.61	10.1300	9.01	6.7500
NASDAQ OMX BX. (BOSE)	2.19	0.00	0.00	10.73	89.26	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
VIRTU Americas LLC (KCGM)	2.06	0.00	0.00	4.66	95.33	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE Arca, Inc. (ARCA):

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

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202404.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_202404.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_202404.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_202404.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_202404.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_202404.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_202404.xlsx

NASDAQ OMX BX. (BOSE):

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

Information reflecting the BOSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202404.xlsx

April 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
3.01	0.06	13.81	66.75	19.35

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,	60.77	0.01	1.03	87.22	11.73	-22,006.60	-32.0500	-59,610.56	-52.7400	223,267.61	29.1400	-3,738.42	-2.7500

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)
Inc . (PCOE)													
Members Exchange (MXOP)	6.36	0.00	5.43	94.51	0.04	0.00	0.0000	-62,536.41	-49.5100	92,297.14	51.8300	-540.29	-28.5800
CBOE Options Exchange (XCBO)	5.16	0.55	25.51	15.10	58.81	-34,543.03	-29.7600	-99,877.86	-33.0600	-69,996.68	-30.3900	-24,788.57	-21.3400
Nasdaq ISE, LLC (ISOE)	4.54	0.11	6.57	2.51	90.80	3,270.00	5.8400	-58,628.74	-44.9200	9,256.99	14.9000	21,189.90	13.0800
NASDAQ BX Options (XBOX)	3.37	0.24	75.29	1.44	23.01	9,760.40	30.0400	45,472.70	9.7800	455.70	0.8300	25,772.70	40.7300
MIAX PEARL LLC (MPRL)	3.33	0.00	32.66	67.25	0.07	0.00	0.0000	-251,908.27	-52.0900	-11,772.78	-14.3500	-1,690.32	-39.0200
NASDAQ BX Options (NBXO)	2.96	0.00	96.99	2.92	0.07	0.00	0.0000	-104,272.37	-39.9800	4,990.57	18.8000	-313.95	-22.1000
CBOE C2 Options Exchange, Inc. (C2OX)	2.74	0.00	11.17	88.75	0.06	0.00	0.0000	-50,002.23	-47.4800	-20,753.13	-20.3500	-883.17	-54.2800
CBOE BZX Options Exchange (BATO)	2.28	0.00	44.69	55.17	0.12	0.00	0.0000	-81,150.58	-68.0100	26,507.60	19.1400	-658.15	-26.5700
NYSE American LLC (AMEX)	2.21	0.13	18.02	2.25	79.58	-4.50	-0.0300	-10,385.64	-10.0500	-5,834.26	-16.6700	-698.25	-1.3700

Material Aspects:

NYSE Arca, Inc . (PCOE):

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

Information reflecting the PCOE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_options_rate_card_202404.xlsx

Members Exchange (MXOP):

An investment entity affiliate of GSCO. 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 GSCO. 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_202404.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_202404.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_202404.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_202404.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_202404.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_202404.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_202404.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_202404.xlsx

May 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	13.45	0.55	69.83	16.16

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	54.69	22.12	1.00	65.09	11.77	-113.95	-3.7900	-19.77	-3.2500	244.67	2.5100	51.97	3.7400

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
Exchange LLC. (NYSE)													
The Nasdaq Stock Market LLC. (XNAS)	27.51	3.85	0.00	72.98	23.15	-92.15	-5.8200	0.00	0.0000	914.81	6.6400	370.20	15.8800
NASDAQ OMX PSX (XPSX)	7.07	0.00	0.00	85.26	14.73	0.00	0.0000	0.00	0.0000	-77.07	-30.0000	-8.02	-30.0000
CBOE BZX Exchange (BATS)	3.56	0.00	0.00	73.81	26.18	0.00	0.0000	0.00	0.0000	-1,138.61	-29.1700	-92.32	-24.2600
NYSE Arca, Inc. (ARCA)	2.18	0.00	0.00	78.95	21.04	0.00	0.0000	0.00	0.0000	-611.68	-28.5900	-39.28	-15.3000
Members Exchange (MEMX)	1.31	0.00	0.00	66.80	33.19	0.00	0.0000	0.00	0.0000	-212.02	-28.2600	-22.42	-23.8800
CBOE EDGX Exchange (EDGX)	0.91	0.00	0.00	90.55	9.44	0.00	0.0000	0.00	0.0000	-458.75	-30.0000	-31.71	-30.0000
EPRL (EPRL)	0.37	0.00	0.00	78.28	21.71	0.00	0.0000	0.00	0.0000	-144.26	-29.0500	-6.30	-29.5000
Hudson River Trading ATS (HRTF)	0.29	0.00	0.00	100.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Chicago (XCHI)	0.29	0.00	0.00	91.65	8.34	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_202405.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_202405.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_202405.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_202405.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_202405.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_202405.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_202405.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

May 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	2.42	0.50	60.69	36.37

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)	27.42	1.11	0.34	72.84	25.69	-169.93	-15.0000	-65.25	-8.6300	-2,373.53	-18.1200	252.46	4.8800
New York Stock Exchange LLC. (NYSE)	23.53	6.39	1.68	77.81	14.11	-107.32	-3.8300	-48.32	-3.4200	313.59	1.1200	-10.40	-0.4500
The Nasdaq Stock Market LLC. (XNAS)	12.76	3.29	0.00	74.04	22.65	-150.86	-5.8200	0.00	0.0000	977.74	2.4000	-518.73	-13.8800
CBOE BZX Exchange (BATS)	8.75	0.16	0.00	63.04	36.78	-4.28	-7.5000	0.00	0.0000	-8,350.22	-27.4400	-1,507.12	-28.3400
Sigma X2 ATS (SGMT)	5.98	0.00	0.00	2.07	97.92	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NASDAQ OMX PSX (XPSX)	2.73	0.00	0.00	85.05	14.94	0.00	0.0000	0.00	0.0000	-230.09	-29.4500	-43.12	-30.0000

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)
CBOE BYX Exchange (BATY)	2.44	0.00	0.00	10.13	89.86	0.00	0.0000	0.00	0.0000	12.67	1.2100	0.36	0.6200
CBOE EDGA Exchange (EDGA)	2.43	0.00	0.00	11.68	88.31	0.00	0.0000	0.00	0.0000	154.37	12.5200	11.67	9.7200
NASDAQ OMX BX. (BOSE)	2.29	0.00	0.00	9.14	90.85	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
VIRTU Americas LLC (KCGM)	2.18	0.00	0.00	3.22	96.77	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE Arca, Inc. (ARCA):

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

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202405.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_202405.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_202405.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_202405.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_202405.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_202405.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_202405.xlsx

NASDAQ OMX BX. (BOSE):

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

Information reflecting the BOSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202405.xlsx

May 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
7.80	0.06	12.54	78.45	8.93

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. (PCOE)	59.90	0.01	1.27	90.53	8.18	-23,373.70	-32.9800	-65,994.65	-53.7800	198,179.58	27.8500	-9,474.20	-8.2800
Members Exchange (MXOP)	15.11	0.00	2.13	97.79	0.06	0.00	0.0000	-62,778.33	-49.6400	148,233.14	53.3900	-156.34	-9.6600
CBOE Options Exchange (XCBO)	5.74	0.45	25.27	56.10	18.16	-29,130.76	-23.4600	-90,572.56	-29.3500	-63,461.32	-25.3500	-26,719.37	-26.5200
MIAX PEARL LLC (MPRL)	3.26	0.00	29.33	70.60	0.05	0.00	0.0000	-243,566.82	-54.1300	-8,784.79	-11.5700	-496.62	-39.6600
CBOE C2 Options Exchange, Inc. (C2OX)	2.91	0.00	10.36	89.59	0.03	0.00	0.0000	-50,355.46	-48.1100	-17,469.95	-17.3100	-189.85	-52.0100
NASDAQ BX Options (XBOX)	2.47	0.32	84.29	1.50	13.87	9,859.40	34.6800	64,873.20	14.3100	543.85	0.8100	24,355.20	34.6200
NASDAQ BX Options (NBXO)	2.43	0.00	93.70	6.23	0.05	0.00	0.0000	-100,864.54	-41.3600	6,762.97	27.2200	-96.95	-18.7800
Nasdaq ISE, LLC (ISOE)	1.85	0.27	16.46	4.98	78.28	2,959.68	9.8500	-47,112.34	-45.6300	11,939.54	16.8500	12,885.99	17.8800
NASDAQ Options Market LLC (NDOE)	1.74	0.00	95.20	4.73	0.06	0.00	0.0000	-152,059.17	-53.5300	-2,073.08	-6.5300	-128.10	-35.9800

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 BZX Options Exchange (BATO)	1.18	0.00	67.23	32.60	0.15	0.00	0.0000	-74,655.61	-68.0900	34,746.81	22.8800	-350.85	-34.4300

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_202405.xlsx

Members Exchange (MXOP):

An investment entity affiliate of GSCO. 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 GSCO. 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_202405.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_202405.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_202405.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_202405.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_202405.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_202405.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_202405.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_202405.xlsx

June 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	15.90	0.50	66.00	17.58

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)	57.15	26.03	0.88	60.86	12.21	-46.13	-2.2100	-6.26	-1.7500	-49.73	-0.6800	-45.94	-4.3600
The Nasdaq Stock Market LLC. (XNAS)	27.00	3.26	0.00	70.80	25.93	-104.90	-7.1100	0.00	0.0000	2,158.95	11.4100	-103.03	-6.8600
NASDAQ OMX PSX (XPSX)	6.17	0.00	0.00	84.00	15.99	0.00	0.0000	0.00	0.0000	-49.71	-30.0000	-9.42	-30.0000
CBOE BZX Exchange (BATS)	3.07	0.00	0.00	68.02	31.97	0.00	0.0000	0.00	0.0000	-1,711.40	-29.9200	-156.47	-29.1300
NYSE Arca, Inc. (ARCA)	2.13	0.00	0.00	76.90	23.09	0.00	0.0000	0.00	0.0000	-677.99	-29.6900	-46.89	-25.4100
Members Exchange (MEMX)	1.13	0.00	0.00	59.71	40.28	0.00	0.0000	0.00	0.0000	-217.88	-29.2900	-17.26	-21.3800
CBOE EDGX Exchange (EDGX)	0.89	0.00	0.00	83.41	16.58	0.00	0.0000	0.00	0.0000	-655.44	-30.0000	-42.77	-30.0000
EPRL (EPRL)	0.31	0.00	0.00	76.16	23.83	0.00	0.0000	0.00	0.0000	-132.59	-28.9000	-10.67	-29.5000
CBOE BYX Exchange (BATY)	0.27	0.00	0.00	77.54	22.45	0.00	0.0000	0.00	0.0000	5.29	1.7200	0.65	2.0000
Investors Exchange LLC (IEXG)	0.26	0.00	0.00	77.53	22.46	0.00	0.0000	0.00	0.0000	-54.83	-10.0200	-9.77	-10.0200

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_202406.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_202406.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_202406.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_202406.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_202406.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_202406.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_202406.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_202406.xlsx

June 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	2.45	0.34	50.69	46.50

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. (ARCA)	23.09	1.50	0.13	71.71	26.64	-128.82	-15.0000	-173.00	-28.9800	-1,236.12	-15.6400	-206.93	-10.3100
New York Stock Exchange LLC. (NYSE)	19.90	5.21	1.30	80.32	13.15	-41.48	-2.2100	-2.21	-0.2100	642.89	2.6400	175.74	4.9500
The Nasdaq Stock Market LLC. (XNAS)	11.33	7.95	0.22	69.74	22.08	-119.70	-7.6600	-1.60	-14.5400	-178.18	-0.6600	-160.78	-4.6400
Sigma X2 ATS (SGMT)	10.66	0.00	0.00	2.35	97.64	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE BZX Exchange (BATS)	6.22	0.61	0.00	60.89	38.49	-3.94	-7.5000	0.00	0.0000	-4,986.28	-29.2100	-986.48	-28.9200
CBOE BYX Exchange (BATY)	4.01	0.00	0.00	5.37	94.62	0.00	0.0000	0.00	0.0000	8.11	1.4900	0.23	0.4300
VIRTU Americas LLC (KCGM)	3.63	0.00	0.00	4.88	95.11	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CBOE EDGA Exchange (EDGA)	3.62	0.00	0.00	6.71	93.28	0.00	0.0000	0.00	0.0000	103.19	12.7700	7.83	10.5200
NASDAQ OMX BX. (BOSE)	3.53	0.00	0.00	5.14	94.85	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
IntelligentCross ATS (INCR)	3.33	0.00	0.00	1.67	98.32	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

NYSE Arca, Inc. (ARCA):

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

Information reflecting ARCA's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202406.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_202406.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_202406.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_202406.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_202406.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_202406.xlsx

NASDAQ OMX BX. (BOSE):

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

Information reflecting the BOSE's tiered pricing/payment schedule, as applicable to GSCO, can be found at : https://www.goldmansachs.com/compliance-rule606/docs/us_equities_rate_card_202406.xlsx

June 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
4.28	0.08	12.53	81.46	5.91

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)	44.13	0.02	1.66	94.06	4.24	-7,258.49	-20.6400	-47,296.21	-54.2100	163,266.61	33.4500	-1,490.39	-2.0800
Members Exchange (MXOP)	24.40	0.00	3.01	96.90	0.08	0.00	0.0000	-98,388.39	-49.1400	127,124.92	46.9200	-110.57	-11.8000
CBOE C2 Options Exchange, Inc. (C2OX)	6.80	0.00	6.15	93.84	0.00	0.00	0.0000	-45,345.78	-49.5100	-26,643.61	-23.5400	-68.46	-59.0100
MIAX PEARL LLC (MPRL)	6.79	0.00	10.74	89.24	0.01	0.00	0.0000	-103,771.33	-56.3100	-18,065.60	-21.0600	-516.53	-44.9100
CBOE Options Exchange	5.15	0.79	28.57	47.80	22.81	-29,926.77	-25.5400	-66,500.05	-28.7700	-58,103.13	-21.3700	-18,357.12	-18.9400

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)
(XCBO)													
NASDAQ Options Market LLC (NDOE)	2.45	0.00	96.73	3.23	0.02	0.00	0.0000	-160,445.75	-53.8100	-1,765.63	-6.4200	-387.07	-45.5300
Nasdaq ISE, LLC (ISOE)	1.85	0.39	18.06	7.06	74.46	3,158.10	11.4100	-44,897.14	-46.4500	9,675.03	13.6100	8,653.21	16.3100
NASDAQ BX Options (XBOX)	1.78	0.56	79.74	2.22	17.46	7,385.90	38.7100	35,801.55	11.7500	391.95	1.0700	18,219.20	31.7700
NASDAQ BX Options (NBXO)	1.73	0.00	94.55	5.38	0.06	0.00	0.0000	-76,534.13	-40.7700	6,305.72	28.0300	-115.58	-28.3900
CBOE BZX Options Exchange (BATO)	1.56	0.00	61.12	38.75	0.12	0.00	0.0000	-63,333.49	-66.7800	26,523.75	21.1300	-196.95	-21.4300

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_202406.xlsx

Members Exchange (MXOP):

An investment entity affiliate of GSCO. 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 GSCO. 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_202406.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_202406.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_202406.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_202406.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_202406.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_202406.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_202406.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_202406.xlsx