

Wolverine Execution Services - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2020

April 2020

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	0.00	0.00	0.00	0.00

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)
N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

N/A:

WEX did not handle non-directed held equity orders in S&P equities during this period.

April 2020

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
0.00	0.00	0.00	0.00	0.00

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)
N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

N/A:
WEX did not handle non-directed held equity orders in Non-S&P equities during this period.

April 2020**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
92.19	0.01	3.15	90.64	6.20

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)
MIAX PEARL (MPRL)	50.26	0.00	0.94	96.56	2.50	164.24	0.1084	-114,999.79	-0.2391	769,436.89	0.2495	-691.32	-0.0208
MIAX Emerald (EMLD)	16.33	0.05	1.20	94.67	4.08	3,721.55	0.5021	235,524.47	0.3010	6,787,274.59	0.4927	68,405.87	0.2850
Cboe C2 Exchange, Inc.	8.68	0.00	0.50	94.60	4.90	-3.42	-0.0250	-217,968.09	-0.4309	270,621.29	0.4445	6,813.86	0.0098
Cboe BZX Exchange, Inc. (BATS)	4.13	0.00	1.25	96.37	2.38	0.00	0.0000	-495,324.06	-0.6030	118,009.67	0.2771	5,707.70	0.2675
Cboe Exchange, Inc. (XCBO)	3.78	0.05	5.93	81.95	12.07	-8.92	-0.0020	-237,864.30	-0.4125	-61,786.85	-0.1190	-556,014.05	-0.1420
Miami International Securities Exchange (XMIO)	3.73	0.00	26.80	30.24	42.95	0.00	0.0000	-81,952.81	-0.0414	-47,839.58	-0.0242	-90,917.82	-0.0384
Nasdaq PHLX, LLC (XPHO)	3.47	0.01	13.64	66.67	19.68	-5.35	-0.0033	-823,405.71	-0.3846	-37,363.24	-0.0389	-100,021.49	-0.0124
NYSE Arca (ARCX)	1.67	0.00	2.93	88.64	8.43	37.50	0.7500	-250,930.63	-0.7587	-69,669.54	-0.4580	-46,511.09	-0.1658
Nasdaq ISE XISX, LLC (XISX)	1.58	0.10	9.37	56.77	33.91	1,555.05	0.3323	-253,141.65	-0.4185	20,031.34	0.0971	27,339.41	0.0025
Nasdaq ISE Gemini, LLC (GMNI)	1.44	0.00	3.41	96.06	0.54	0.00	0.0000	-131,130.07	-0.6296	-2,787.62	-0.0918	-615.01	-0.6699

Material Aspects:**MIAX PEARL (MPRL):**

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

MIAX Emerald (EMLD):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their

rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

Cboe C2 Exchange, Inc.:

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://markets.cboe.com/us/options/membership/fee_schedule/ctwo/

Cboe BZX Exchange, Inc. (BATS):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://markets.cboe.com/us/options/membership/fee_schedule/

Cboe Exchange, Inc. (XCBO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <http://www.cboe.com/trading-resources/fee-schedules>

Miami International Securities Exchange (XMIO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

Nasdaq PHLX, LLC (XPHO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. http://www.nasdaqtrader.com/content/phlx/phlx_pricingschedule.pdf

NYSE Arca (ARCX):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Nasdaq ISE XISX, LLC (XISX):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. See Options 7 Pricing Schedule at: http://ise.cchwallstreet.com/tools/PlatformViewer.asp?selectednode=chp_1_1_22&manual=/contents/ise/ise-rules/

Nasdaq ISE Gemini, LLC (GMNI):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. See Options 7 Pricing Schedule at: http://nasdaqgemx.cchwallstreet.com/tools/PlatformViewer.asp?selectednode=chp%5F1%5F1%5F2%5F1%5F5&manual=%2Fcontents%2Fgemx%2Fnasdaq%2Dgemx%2Drules%2F http://ise.cchwallstreet.com/tools/PlatformViewer.asp?selectednode=chp_1_1_22&manual=/contents/ise/ise-rules/

May 2020

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	0.00	0.00	0.00	0.00

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)
N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

N/A:
WEX did not handle non-directed held equity orders in S&P equities during this period.

May 2020

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
0.00	0.00	0.00	0.00	0.00

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)
N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

N/A:
WEX did not handle non-directed held equity orders in Non-S&P equities during this period.

May 2020

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
87.50	0.02	4.48	88.60	6.90

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)
MIAX PEARL (MPRL)	44.57	0.01	1.62	96.67	1.71	768.50	0.1165	-167,149.50	-0.1919	1,971,424.08	0.3493	6,519.61	0.0241
MIAX Emerald (EMLD)	14.87	0.01	1.71	92.24	6.04	609.90	0.1925	98,572.82	0.1804	3,710,145.08	0.5037	99,293.43	0.2809
Cboe C2 Exchange, Inc.	9.53	0.00	1.12	92.86	6.02	-105.60	-0.0250	-279,416.22	-0.4281	159,532.12	0.4013	-5,025.68	-0.0071
Cboe Exchange,	5.15	0.18	11.20	67.38	21.25	-110.98	-0.0096	-502,781.46	-0.3313	-97,653.84	-0.1447	-487,219.58	-0.0715

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. (XCBO)													
Cboe BZX Exchange, Inc. (BATS)	5.01	0.00	3.44	95.51	1.05	0.00	0.0000	-639,403.67	-0.5822	104,281.63	0.2329	6,034.08	0.2035
Miami International Securities Exchange (XMIO)	4.41	0.00	26.39	33.51	40.10	-0.47	-0.0084	-97,045.56	-0.0518	-26,580.53	-0.0128	-90,875.20	-0.0441
Nasdaq PHLX, LLC (XPHO)	3.96	0.02	5.71	77.19	17.08	-71.80	-0.0284	-200,277.72	-0.2208	-13,906.87	-0.0136	-70,641.29	-0.0150
NYSE Arca (ARCX)	2.46	0.00	6.88	86.17	6.95	0.00	0.0000	-463,638.38	-0.6481	-46,776.00	-0.2463	-51,841.47	-0.1930
The Nasdaq Options Market, LLC (XNDQ)	1.99	0.02	15.40	84.13	0.45	0.00	0.0000	-727,345.35	-0.5472	-25,883.12	-0.2151	-3,746.68	-0.6768
Nasdaq ISE Gemini, LLC (GMNI)	1.84	0.00	5.34	94.21	0.45	1.00	0.2000	-208,555.59	-0.6015	1,470.70	0.0309	-1,244.43	-0.5991

Material Aspects:

MIAX PEARL (MPRL):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

MIAX Emerald (EMLD):

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Cboe C2 Exchange, Inc.:

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Cboe Exchange, Inc. (XCBO):

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Cboe BZX Exchange, Inc. (BATS):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://markets.cboe.com/us/options/membership/fee_schedule/

Miami International Securities Exchange (XMIO):

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Nasdaq PHLX, LLC (XPHO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. http://www.nasdaqtrader.com/content/phlx/phlx_pricingschedule.pdf

NYSE Arca (ARCX):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

The Nasdaq Options Market, LLC (XNDQ):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. See Options 7 Pricing Schedule at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-options-7>.

Nasdaq ISE Gemini, LLC (GMNI):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. See Options 7 Pricing Schedule at: <http://nasdaqgemx.cchwallstreet.com/tools/PlatformViewer.asp?selectednode=chp%5F1%5F1%5F2%5F15&manual=%2Fcontents%2Fgemx%2Fnasdaq%2Dgemx%2Drules%2F> http://ise.cchwallstreet.com/tools/PlatformViewer.asp?selectednode=chp_1_1_22&manual=/contents/ise/ise-rules/

June 2020

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	0.00	0.00	0.00	0.00

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)
N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

N/A:

WEX did not handle non-directed held equity orders in S&P equities during this period.

June 2020

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
0.00	0.00	0.00	0.00	0.00

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)
N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

N/A:

WEX did not handle non-directed held equity orders in Non-S&P equities during this period.

June 2020**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
88.00	0.02	4.99	88.13	6.86

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)
MIAX PEARL (MPRL)	51.35	0.00	1.47	96.74	1.78	456.99	0.0214	-193,807.75	-0.1498	3,335,070.41	0.3588	13,879.36	0.0671
MIAX Emerald (EMLD)	11.68	0.00	1.97	91.32	6.71	0.00	0.0000	151,562.47	0.2154	4,238,946.83	0.5179	137,575.84	0.2717
Cboe C2 Exchange, Inc.	9.59	0.00	0.71	91.66	7.63	0.00	0.0000	-268,275.31	-0.4756	209,204.02	0.4814	61,302.48	0.0704
Cboe Exchange, Inc. (XCBO)	5.16	0.21	14.29	71.72	13.77	-1,109.91	-0.0429	-356,455.09	-0.2208	-99,568.91	-0.1292	-606,887.35	-0.1368
Cboe BZX Exchange, Inc. (BATS)	4.53	0.00	4.85	92.70	2.45	0.00	0.0000	-1,114,407.08	-0.5580	250,965.96	0.3708	-141.93	-0.0047
Nasdaq PHLX, LLC (XPHO)	4.39	0.02	11.33	71.59	17.07	-10.80	-0.0003	-171,846.53	-0.1371	-9,086.05	-0.0073	-76,867.38	-0.0142
Miami International Securities Exchange (XMIO)	3.48	0.00	29.86	30.24	39.90	-4.23	-0.0173	-130,860.08	-0.0527	-36,800.77	-0.0134	-104,250.60	-0.0361
The Nasdaq Options Market, LLC (XNDQ)	2.10	0.03	11.49	88.16	0.33	0.00	0.0000	-670,264.97	-0.5527	7,752.05	0.0555	-5,405.73	-0.6089
NYSE Arca (ARCA)	1.93	0.00	11.12	78.18	10.69	0.00	0.0000	-772,851.70	-0.6317	16,906.48	0.0370	-91,281.12	-0.1978
Nasdaq ISE XISX, LLC (XISX)	1.69	0.07	15.79	39.15	44.99	722.02	0.0966	-254,196.02	-0.3769	61,821.60	0.3620	374,397.06	0.0586

Material Aspects:

MIAX PEARL (MPRL):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

MIAX Emerald (EMLD):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

Cboe C2 Exchange, Inc.:

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://markets.cboe.com/us/options/membership/fee_schedule/ctwo/

Cboe Exchange, Inc. (XCBO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <http://www.cboe.com/trading-resources/fee-schedules>

Cboe BZX Exchange, Inc. (BATS):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://markets.cboe.com/us/options/membership/fee_schedule/

Nasdaq PHLX, LLC (XPHO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. http://www.nasdaqtrader.com/content/phlx/phlx_pricingschedule.pdf

Miami International Securities Exchange (XMIO):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. <https://www.miaxoptions.com/fees>

The Nasdaq Options Market, LLC (XNDQ):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. See Options 7 Pricing Schedule at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/nasdaq-options-7>.

NYSE Arca (ARCX):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Nasdaq ISE XIX, LLC (XISX):

WEX routes option orders to all of the U.S. Option Exchanges and may collect payment from U.S. Option Exchanges via the SEC-Approved marketing fee programs mandated by those exchanges in accordance with each exchange's published rates and regulations for certain eligible contracts. Based upon the order flow routed to the Exchange WEX will different fees or credits may be associated with order flow. At time of publication, Exchange rate schedules could be found at the following URL link. Please note that the exchanges reserve the right to change their rates without notice and may also change their URL links. See Options 7 Pricing Schedule at: http://ise.cchwallstreet.com/tools/PlatformViewer.asp?selectednode=chp_1_1_22&manual=/contents/ise/ise-rules/