

Order Execution Summary Data Report

Designated Participant: MEMX

Reporting Entity: U

Month: 08/2026

S&P 500 Flag	Order Size (USD)	Order Type (M-Mkt; ML-Mktbl Lmt)	Average Order Size (Shares)	Average Notional Order Size (USD)	Share-weighted Average Midpoint	% Shares Executed at Quote or Better	% Shares Executed with Price Improvement	Share-weighted Average % Price Improvement	Average % Effective Spread	Average % Quoted Spread	Average Effective / Average Quoted Spread %	Average % Realized Spread after 15 Seconds	Average % Realized Spread after 1 Minute	Share-weighted Average Execution Speed (msec)
N	Under \$250	M	27.88	\$97.87	\$3.16	100.00%	33.11%	0.0863%	0.3445%	0.5170%	66.63%	0.3979%	0.3670%	25.608
N	Under \$250	ML	76.87	\$95.14	\$1.01	94.03%	10.45%	0.0111%	0.4356%	0.4575%	95.20%	-0.0448%	-0.0900%	128.514
N	\$250 - \$1K	M	158.92	\$568.79	\$4.30	100.00%	41.77%	0.0272%	0.1747%	0.2291%	76.24%	0.6924%	1.1807%	2.823
N	\$250 - \$1K	ML	157.71	\$606.12	\$2.62	92.29%	5.13%	0.0020%	0.2710%	0.2749%	98.61%	-0.0895%	-0.1157%	231.369
N	\$1K - \$5K	M	313.94	\$2,679.29	\$13.03	99.96%	40.26%	0.0802%	0.0255%	0.1860%	13.73%	0.1833%	-0.5222%	0.635
N	\$1K - \$5K	ML	205.23	\$2,568.89	\$9.11	92.93%	3.85%	0.0005%	0.1369%	0.1378%	99.31%	-0.0550%	-0.0664%	88.279
N	\$5K - \$10K	M	1,070.21	\$7,320.23	\$19.31	100.00%	16.07%	0.0177%	0.2025%	0.2378%	85.13%	0.9036%	1.2774%	1.012
N	\$5K - \$10K	ML	306.57	\$7,042.14	\$21.05	94.46%	3.96%	0.0003%	0.0952%	0.0958%	99.39%	-0.0344%	-0.0452%	94.528
N	\$10K - \$20K	M	3,058.38	\$14,679.78	\$45.97	100.00%	37.34%	0.0440%	0.0760%	0.1641%	46.34%	0.1343%	0.0988%	0.894
N	\$10K - \$20K	ML	463.41	\$14,098.54	\$36.70	95.75%	4.19%	0.0003%	0.0724%	0.0729%	99.27%	-0.0235%	-0.0288%	106.991
N	\$20K - \$50K	M	1,617.81	\$31,564.69	\$37.63	98.94%	36.59%	0.0160%	0.1759%	0.2079%	84.61%	0.1814%	0.1722%	0.780
N	\$20K - \$50K	ML	843.25	\$30,086.50	\$49.51	96.19%	3.26%	-0.0002%	0.0658%	0.0654%	100.53%	-0.0207%	-0.0240%	171.292
N	\$50K - \$200K	M	2,740.04	\$102,068.29	\$71.51	99.85%	26.24%	0.0115%	0.0729%	0.0960%	75.95%	0.0996%	-0.1798%	1.060
N	\$50K - \$200K	ML	1,954.90	\$95,938.84	\$64.90	95.55%	2.35%	-0.0008%	0.0498%	0.0481%	103.53%	-0.0174%	-0.0192%	610.903
N	All Under \$200K	M	1,029.56	\$20,054.08	\$38.68	99.64%	32.94%	0.0204%	0.1065%	0.1473%	72.30%	0.1711%	0.0029%	1.576
N	All Under \$200K	ML	325.50	\$8,845.50	\$24.24	94.15%	4.24%	-0.0001%	0.0772%	0.0770%	100.34%	-0.0267%	-0.0321%	188.314
N	\$200K & Over	M	18,156.66	\$1,668,859.44	\$76.23	99.08%	15.98%	0.0111%	0.0562%	0.0784%	71.63%	0.1851%	0.1486%	1.449
N	\$200K & Over	ML	5,483.47	\$468,018.25	\$112.22	91.13%	3.29%	-0.0016%	0.0264%	0.0232%	114.17%	-0.0164%	-0.0163%	55.083
Y	Under \$250	M	1.60	\$140.93	\$87.96	100.00%	43.75%	0.0263%	0.2217%	0.2743%	80.83%	0.1172%	-0.0533%	634.530
Y	Under \$250	ML	1.88	\$137.04	\$75.68	95.32%	9.75%	0.0027%	0.0409%	0.0464%	88.17%	-0.0069%	-0.0069%	10.252
Y	\$250 - \$1K	M	5.03	\$604.60	\$120.17	100.00%	42.24%	0.0098%	0.0462%	0.0658%	70.15%	-0.0292%	-0.0269%	0.761
Y	\$250 - \$1K	ML	6.85	\$601.10	\$91.16	94.70%	9.21%	0.0021%	0.0418%	0.0459%	90.95%	-0.0073%	-0.0089%	6.930
Y	\$1K - \$5K	M	16.76	\$2,118.59	\$126.38	100.00%	41.15%	0.0161%	0.0758%	0.1079%	70.23%	0.0900%	0.1586%	1.004
Y	\$1K - \$5K	ML	48.74	\$2,988.17	\$70.66	95.55%	7.83%	0.0008%	0.0381%	0.0397%	95.96%	-0.0106%	-0.0114%	84.300
Y	\$5K - \$10K	M	72.74	\$7,101.44	\$97.58	100.00%	50.63%	0.0163%	0.1174%	0.1501%	78.21%	0.0933%	0.0813%	5.678
Y	\$5K - \$10K	ML	97.44	\$7,382.87	\$88.33	94.61%	7.10%	0.0002%	0.0350%	0.0355%	98.67%	-0.0104%	-0.0107%	15.200
Y	\$10K - \$20K	M	88.78	\$14,274.35	\$171.50	100.00%	34.37%	0.0110%	0.0773%	0.0992%	77.86%	-0.0923%	0.0077%	14.644
Y	\$10K - \$20K	ML	120.21	\$14,247.19	\$138.44	93.23%	7.47%	0.0001%	0.0365%	0.0368%	99.27%	-0.0094%	-0.0106%	9.445
Y	\$20K - \$50K	M	248.64	\$30,570.46	\$153.29	100.00%	35.22%	0.0512%	0.2017%	0.3040%	66.33%	0.1240%	0.1597%	0.985

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Y	\$20K - \$50K	ML	161.84	\$30,432.18	\$197.80	92.48%	6.46%	0.0000%	0.0356%	0.0357%	99.78%	-0.0081%	-0.0090%	2.531
Y	\$50K - \$200K	M	935.00	\$111,160.31	\$224.36	87.33%	26.69%	-0.0011%	0.0771%	0.0749%	102.88%	0.1563%	0.2763%	1.282
Y	\$50K - \$200K	ML	356.41	\$85,006.74	\$232.03	90.56%	3.73%	-0.0005%	0.0401%	0.0390%	102.79%	-0.0144%	-0.0163%	4.603
Y	All Under \$200K	M	179.87	\$21,808.65	\$176.12	94.88%	33.77%	0.0157%	0.1115%	0.1429%	78.02%	0.1115%	0.1963%	3.855
Y	All Under \$200K	ML	113.56	\$16,551.08	\$162.16	92.84%	6.26%	-0.0001%	0.0375%	0.0373%	100.49%	-0.0109%	-0.0122%	15.618
Y	\$200K & Over	M	6,451.70	\$1,264,280.37	\$277.27	99.02%	45.68%	0.0047%	0.0527%	0.0622%	84.81%	0.0189%	-0.0048%	1.298
Y	\$200K & Over	ML	3,378.92	\$604,831.69	\$236.14	79.67%	1.90%	-0.0030%	0.0409%	0.0349%	117.37%	-0.0277%	-0.0371%	26.975