


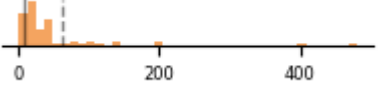



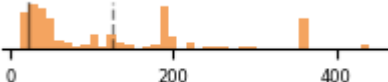
Open Interest Report

This report shows the options' center of mass calculated by the Open Interest (OI). This is sometimes called the 'max pain' graph or Open interest graph/map. It shows the Open Interest distribution across different strikes that expire in the next monthly expiration (including all expirations until then). The theory behind it is that the big players in the options space hedge their positions with stocks, and they will generate buying and selling pressure towards the center of mass - the point where they have the most profit/least amount of loss.




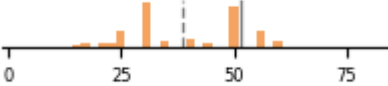

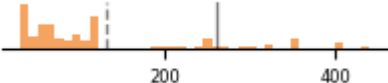
We can use this report to see how the options players trade this stock. Mainly in 3 ways:

- We can see the center of mass according to the OI and understand that there will be buying and selling pressure towards that point.
- We can check the trend: This shows how the OI center of mass changes over the last five trading days.
- During the expiration day, if the stock is close to a strike with high OI, we can expect the pressure on the stock price towards that strike price (often referred to as 'pin risk').
Read more in our knowledge base [here](#).

Bullish Center of Mass

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
NVAX	8.86	63.73 619.36%	34,411 111.90%	324,861		
UPST	12.40	71.96 480.30%	49,474 67.87%	617,298		
TDOC	22.83	125.44 449.47%	11,173 120.71%	307,478		

Bearish Center of Mass

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
PCG	16.45	12.71 -22.76%	7,345 42.71%	318,084		
MAXR	51.61	38.62 -25.18%	9,691 151.16%	113,669		
MDGL	260.82	131.07 -49.75%	13,531 176.48%	54,612		

How to read the report:

Center of Mass

This is where the options center of mass according to the OI. If the center is above the current stock price, we can expect buying pressure from the options market, and vice versa: IF the center is below the current market price, then we can expect selling pressure from the options market.

Options Volume / Power

This column calculates the total option volume across the entire chain. The volume power value below it compares the stock volume to the average volume. These values help us understand how heavy the volume is on that ticker.

Total OI

The total calls & puts traded across the entire chain and expiration.

CoM Trend

The trend of the Center of Mass over the last five trading days. If the CoM went higher, it would be green and red if it went lower compared to the previous day's value.

OI by Strike

Histogram chart where the X-axis is the strikes, The orange bars are the options open interest, the black line is the stock price, and the dashed line is the CoM.

For feedback and suggestions please email to shogun@optionsamurai.com

Appendix:

The following table is sorted by stock ticker alphabetically. You can use it to find the OI map of stocks in your watchlist.

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
AA	44.86	45.95 2.42%	16,496 29.66%	329,351		
AAL	12.53	11.99 -4.27%	122,152 61.77%	3,358,430		
AAPL	130.03	145.66 12.02%	1,355,805 79.73%	7,206,288		
ABBV	162.99	142.96 -12.29%	17,722 48.00%	409,477		
ABNB	83.49	115.89 38.80%	79,445 65.19%	604,975		
ABT	108.57	111.79 2.96%	10,083 50.04%	270,403		
ACN	265.31	292.09 10.10%	5,476 44.80%	85,226		
ADBE	335.09	376.43 12.34%	43,808 39.13%	283,086		
ADI	162.20	155.69 -4.01%	6,362 51.94%	137,566		
AEM	53.54	58.49 9.24%	5,655 66.67%	275,013		
AFRM	8.91	33.32 274.01%	73,278 100.05%	549,277		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
AG	8.85	13.45 51.95%	13,169 53.87%	293,182		
AGNC	10.69	11.4 6.66%	30,030 67.82%	468,323		
ALB	214.16	243.24 13.58%	5,435 129.75%	93,628		
ALLY	23.68	27.21 14.89%	13,588 50.91%	176,487		
AMAT	95.34	103.95 9.03%	25,036 73.00%	379,087		
AMD	63.27	90.09 42.40%	388,606 45.52%	2,862,413		
AMGN	263.39	252.77 -4.03%	6,188 56.05%	123,051		
AMZN	83.04	130.14 56.73%	1,097,934 71.77%	8,348,884		
APA	47.64	39.07 -17.98%	14,295 60.26%	226,307		
APPS	13.89	39.69 185.73%	8,141 46.53%	115,067		
AR	34.12	31.79 -6.84%	8,534 37.19%	301,862		
ARCC	18.64	17.69 -5.10%	7,747 87.74%	173,379		
ARKG	27.24	66.85 145.40%	7,657 71.23%	110,681		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
ARKK	29.78	62.93 111.32%	143,506 80.21%	1,264,437		
ASHR	28.22	31.38 11.21%	19,937 60.47%	384,351		
ASML	537.18	543.22 1.12%	5,570 57.82%	83,407		
ATVI	75.79	75.67 -0.16%	35,605 25.97%	1,404,595		
AVGO	553.54	501.25 -9.45%	20,304 69.16%	187,911		
AXP	146.39	145.05 -0.91%	10,934 59.59%	229,989		
AZN	67.93	61.69 -9.18%	6,776 37.68%	158,678		
BA	189.40	185.32 -2.16%	107,892 64.93%	850,523		
BABA	89.86	146.78 63.35%	269,268 89.39%	2,319,611		
BAC	32.53	36.38 11.82%	180,390 54.59%	4,200,794		
BBWI	41.95	40.07 -4.47%	6,971 77.10%	122,900		
BBY	81.86	78.43 -4.19%	13,232 49.71%	182,872		
BEKE	14.83	16.47 11.08%	7,852 56.25%	224,833		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
BHC	6.20	9.92 59.95%	10,850 75.37%	404,362		
BIDU	116.48	155.74 33.71%	14,369 72.78%	264,478		
BILI	24.75	27.43 10.84%	22,085 99.03%	411,675		
BILL	103.17	175.54 70.14%	6,755 104.51%	71,970		
BITO	10.37	16.62 60.28%	61,483 39.75%	725,877		
BKLN	20.68	19.4 -6.20%	10,392 51.20%	467,854		
BKNG	1998.27	1866.56 -6.59%	6,152 63.06%	62,963		
BMBL	20.58	22.44 9.06%	5,007 50.34%	82,647		
BMY	72.61	72.04 -0.79%	22,509 63.20%	583,494		
BOIL	21.57	50.97 136.29%	36,827 151.09%	165,182		
BP	35.04	31.6 -9.83%	25,554 44.59%	774,939		
BRK.B	305.55	287.63 -5.87%	22,331 66.50%	440,599		
BTU	29.40	24.9 -15.29%	14,465 48.30%	369,079		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
BX	73.68	85.99 16.71%	45,017 49.65%	463,328		
BYND	11.83	48.01 305.82%	19,592 50.98%	675,433		
C	44.39	52.24 17.67%	126,337 80.02%	2,890,850		
CAT	243.14	205.51 -15.48%	48,318 104.52%	371,314		
CCJ	22.81	26.41 15.80%	16,682 69.60%	407,574		
CCL	7.67	12.86 67.63%	135,370 59.27%	2,655,469		
CELH	105.03	99.07 -5.67%	5,333 44.41%	93,470		
CF	87.60	89.11 1.72%	5,122 98.14%	101,241		
CHPT	8.25	16.33 97.89%	86,895 139.32%	647,287		
CHTR	332.79	433.65 30.31%	11,614 87.20%	130,912		
CHWY	37.56	46.03 22.54%	22,386 58.65%	303,997		
CLF	17.32	17.0 -1.84%	51,222 67.56%	813,525		
CMCSA	35.00	41.0 17.13%	29,365 56.00%	1,226,362		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
CMG	1398.00	1532.28 9.61%	6,855 54.90%	56,049		
CNK	8.74	12.36 41.44%	15,190 116.55%	190,979		
COF	90.75	107.62 18.59%	9,439 62.21%	133,308		
COIN	32.65	101.56 211.04%	137,758 76.94%	762,254		
COP	118.47	103.59 -12.56%	19,885 54.46%	369,295		
COST	458.50	472.75 3.11%	34,266 53.24%	231,586		
COUP	78.58	118.12 50.32%	7,492 150.66%	102,067		
CPNG	15.16	26.8 76.77%	11,592 53.50%	311,758		
CRM	130.66	169.41 29.65%	81,168 93.95%	546,460		
CRWD	100.66	165.27 64.18%	43,274 70.56%	321,365		
CSCO	47.53	47.26 -0.56%	46,010 60.48%	1,347,639		
CTRA	25.58	27.86 8.93%	7,819 64.28%	152,905		
CVE	19.69	21.32 8.30%	6,607 39.29%	319,341		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
CVS	93.02	94.37 1.45%	17,644 64.42%	359,846		
CVX	179.63	156.27 -13.00%	35,613 62.93%	548,000		
CZR	41.75	59.64 42.86%	12,703 66.63%	189,501		
DAL	32.90	36.56 11.12%	43,190 74.52%	714,149		
DASH	48.43	69.55 43.62%	15,946 64.03%	330,892		
DB	11.40	10.74 -5.78%	14,886 41.84%	425,410		
DD	68.78	66.61 -3.15%	7,946 46.21%	196,192		
DDOG	70.57	104.49 48.07%	14,102 48.95%	201,273		
DE	436.15	369.09 -15.37%	9,002 46.21%	119,606		
DHI	89.27	76.1 -14.75%	6,771 49.42%	157,225		
DIA	332.37	318.78 -4.09%	86,081 70.57%	749,749		
DIS	86.37	118.08 36.72%	137,702 81.59%	1,432,578		
DISH	14.20	18.91 33.17%	13,650 47.61%	401,843		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
DKNG	10.91	23.93 119.33%	68,414 46.65%	898,849		
DKS	118.26	95.83 -18.97%	9,088 117.96%	91,113		
DLO	15.02	17.92 19.32%	7,777 37.90%	82,590		
DLTR	142.17	144.25 1.46%	7,387 57.19%	137,320		
DOCU	52.42	89.68 71.08%	45,105 64.04%	422,349		
DOW	51.19	50.67 -1.01%	14,532 55.66%	344,360		
DVN	63.24	63.67 0.68%	46,732 63.58%	483,003		
DWAC	15.23	39.75 160.99%	15,917 25.46%	232,058		
EBAY	40.08	48.78 21.70%	9,311 66.31%	200,859		
EEM	38.36	40.43 5.40%	315,101 96.19%	5,991,374		
EFA	65.99	62.01 -6.03%	149,340 62.26%	2,154,982		
EMB	84.67	84.13 -0.64%	18,326 29.00%	297,357		
ENPH	274.54	238.45 -13.15%	38,141 87.04%	193,642		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
ENVX	10.80	21.0 94.45%	5,380 76.17%	178,707		
EPD	24.09	25.41 5.47%	11,343 69.19%	291,768		
EQT	36.34	39.13 7.68%	10,559 50.94%	455,603		
ERIC	5.90	12.02 103.66%	5,421 40.03%	191,165		
ET	11.90	12.12 1.82%	39,306 70.80%	1,181,865		
ETSY	121.34	133.63 10.13%	14,463 55.12%	242,588		
EWC	33.03	29.82 -9.71%	16,455 86.88%	647,782		
EWG	24.81	22.98 -7.39%	16,023 60.23%	358,606		
EWJ	54.52	56.48 3.59%	6,207 43.72%	151,501		
EWZ	27.83	32.65 17.31%	140,727 68.06%	2,769,873		
EXAS	49.18	60.78 23.59%	6,514 62.04%	74,419		
EXPE	86.56	117.04 35.21%	8,292 108.98%	127,477		
F	11.20	17.14 53.05%	212,711 75.39%	4,478,260		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
FANG	137.58	134.61 -2.16%	6,963 57.82%	188,111		
FCX	38.88	37.78 -2.84%	43,141 71.88%	1,211,593		
FDX	177.05	186.94 5.59%	49,718 57.56%	263,710		
FEZ	38.95	36.45 -6.41%	8,144 59.09%	331,661		
FL	37.00	36.27 -1.98%	5,532 90.00%	85,689		
FRO	12.48	14.03 12.42%	6,839 45.62%	124,492		
FSLR	150.22	123.86 -17.55%	18,526 61.69%	455,608		
FSLY	7.48	35.34 372.50%	9,803 114.82%	185,262		
FSR	6.76	12.27 81.58%	21,749 103.26%	560,544		
FUTU	64.05	57.41 -10.37%	9,936 68.27%	135,548		
FXE	98.19	95.65 -2.58%	6,757 46.44%	93,709		
FXI	29.12	29.7 1.98%	181,641 139.09%	4,373,139		
GDX	29.60	32.81 10.83%	112,874 69.33%	2,251,084		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
GDXJ	37.10	44.41 19.69%	12,856 68.17%	343,573		
GE	82.84	83.39 0.67%	19,670 69.63%	366,101		
GH	25.63	53.0 106.80%	9,496 194.56%	58,808		
GILD	85.01	73.47 -13.58%	45,077 41.32%	318,879		
GIS	85.94	78.39 -8.79%	8,620 52.04%	129,586		
GLD	168.67	181.44 7.57%	112,283 122.08%	2,515,416		
GM	33.32	43.89 31.73%	72,182 71.96%	1,346,974		
GME	18.20	61.26 236.60%	104,200 89.35%	1,366,104		
GNRC	91.15	150.34 64.94%	6,795 50.83%	100,887		
GOLD	17.77	21.1 18.76%	48,453 52.97%	1,323,829		
GOOG	87.93	111.04 26.28%	215,609 57.06%	2,789,067		
GOOGL	87.39	117.88 34.89%	295,982 62.21%	3,575,428		
GPS	11.49	15.66 36.27%	6,831 87.22%	222,514		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
GS	341.97	329.5 -3.65%	23,601 43.38%	341,795		
GSK	35.07	36.21 3.25%	12,623 39.57%	175,632		
HAL	39.27	33.05 -15.83%	17,524 58.24%	340,839		
HAS	58.83	54.16 -7.94%	10,369 53.02%	168,665		
HD	319.55	295.84 -7.42%	33,280 38.45%	388,280		
HL	5.64	6.55 16.06%	11,745 73.75%	257,009		
HON	214.89	197.64 -8.03%	8,255 47.00%	180,154		
HOOD	7.70	18.24 136.93%	38,364 52.97%	847,713		
HPQ	27.07	28.54 5.45%	7,207 65.81%	176,627		
HTZ	15.16	19.44 28.24%	6,571 77.42%	165,658		
HYG	73.62	70.09 -4.80%	331,489 57.71%	5,092,766		
HZNP	113.26	95.11 -16.03%	7,089 83.40%	242,475		
IBM	142.42	136.08 -4.45%	38,982 57.49%	519,371		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
IEF	95.94	91.17 -4.97%	5,344 80.55%	230,262		
IGT	22.74	22.93 0.82%	5,431 55.70%	62,763		
INDA	41.79	46.05 10.18%	5,741 128.16%	79,483		
INTC	25.94	40.73 57.00%	152,582 72.02%	3,204,698		
INTU	383.11	450.35 17.55%	5,888 45.10%	77,906		
IP	34.91	40.49 15.97%	14,789 45.74%	155,623		
IWM	173.22	173.58 0.21%	852,072 49.56%	7,401,470		
IYR	84.47	86.75 2.70%	18,118 51.88%	210,797		
JBLU	6.38	11.39 78.60%	15,239 77.50%	264,030		
JD	58.80	64.86 10.30%	28,657 82.22%	872,238		
JETS	17.01	19.35 13.73%	12,824 59.29%	316,084		
JNJ	177.43	170.61 -3.84%	34,960 44.93%	455,282		
JPM	131.74	123.84 -5.99%	71,612 44.01%	1,424,475		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
JWN	16.67	18.87 13.20%	8,211 69.51%	170,571		
KHC	40.96	38.82 -5.23%	9,547 74.42%	348,437		
KMI	18.26	18.25 -0.06%	15,614 45.73%	413,681		
KMX	60.42	66.08 9.37%	39,720 148.23%	152,963		
KO	64.21	59.68 -7.05%	43,091 51.64%	882,342		
KOLD	23.11	24.54 6.18%	8,441 55.73%	61,677		
KR	45.95	47.56 3.50%	11,212 74.56%	127,762		
KRE	58.28	56.95 -2.28%	56,240 55.02%	1,036,280		
KSS	25.10	33.71 34.30%	6,611 72.55%	136,798		
KWEB	31.43	35.98 14.49%	89,010 96.32%	1,988,334		
LAC	19.46	28.67 47.32%	7,296 89.70%	142,327		
LCID	6.20	22.03 255.37%	104,831 152.25%	1,162,591		
LEN	90.70	79.6 -12.24%	12,441 46.48%	140,746		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
LI	18.54	22.75 22.71%	20,417 64.02%	528,317		
LLY	364.88	304.98 -16.42%	10,363 44.31%	166,282		
LMT	485.50	450.45 -7.22%	6,913 56.29%	119,590		
LNG	155.51	157.43 1.23%	6,596 57.48%	91,195		
LOW	201.71	209.03 3.63%	9,348 57.84%	208,515		
LQD	105.68	105.44 -0.23%	45,681 51.24%	465,327		
LRCX	405.46	449.35 10.82%	14,617 55.24%	129,377		
LULU	315.04	329.57 4.61%	20,580 76.43%	108,879		
LUMN	5.28	8.23 55.81%	11,158 75.48%	616,680		
LUV	33.94	44.1 29.94%	22,203 270.84%	248,668		
LVS	48.46	44.26 -8.66%	19,865 86.51%	532,449		
LYFT	9.87	22.73 130.27%	61,109 61.15%	893,701		
M	20.40	20.17 -1.12%	28,883 71.90%	481,142		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
MA	346.16	336.72 -2.73%	14,947 55.29%	225,433		
MANU	23.12	19.37 -16.22%	9,193 59.92%	148,132		
MAR	148.35	143.26 -3.43%	5,380 67.22%	151,223		
MAXR bottom 3	51.61	38.62 -25.18%	9,691 151.16%	113,669		
MCD	266.84	250.58 -6.09%	18,335 52.78%	225,699		
MDB	188.85	243.24 28.80%	16,628 52.38%	198,155		
MDGL bottom 3	260.82	131.07 -49.75%	13,531 176.48%	54,612		
MDLZ	67.49	61.36 -9.08%	5,766 46.06%	109,369		
MDT	77.64	89.13 14.79%	13,006 74.53%	207,717		
MELI	854.30	1182.01 38.36%	5,230 46.64%	58,416		
MET	72.32	65.81 -9.00%	5,796 58.07%	389,758		
META	116.88	197.04 68.58%	435,824 46.98%	3,345,521		
MGM	33.87	33.65 -0.66%	6,938 59.19%	213,526		

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MLCO	12.07	11.34 -6.06%	19,765 81.03%	247,278		
MMM	120.22	135.11 12.38%	12,127 60.17%	187,906		
MO	46.48	45.77 -1.53%	36,642 94.16%	414,133		
MOS	44.60	47.73 7.02%	11,959 51.61%	225,312		
MP	24.51	38.83 58.43%	5,011 143.22%	111,713		
MPC	116.82	91.38 -21.78%	7,387 63.31%	194,032		
MPW	11.32	11.29 -0.23%	70,965 63.99%	761,832		
MRK	112.12	96.31 -14.10%	61,021 53.62%	561,531		
MRNA	180.17	219.1 21.61%	130,777 123.01%	527,053		
MRO	27.65	24.98 -9.66%	14,519 55.09%	330,099		
MRVL	36.05	49.01 35.96%	32,092 70.19%	427,166		
MS	85.06	84.62 -0.52%	28,311 97.16%	771,726		
MSFT	236.96	264.18 11.49%	305,259 54.80%	2,532,360		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
MSOS	6.74	22.77 237.86%	45,873 86.78%	512,655		
MSTR	147.74	450.81 205.13%	20,191 120.30%	162,417		
MT	26.59	29.22 9.87%	5,304 39.61%	178,420		
MTCH	39.18	87.5 123.32%	7,778 101.47%	131,880		
MU	50.02	61.53 23.02%	127,379 83.07%	1,401,046		
NCLH	12.54	17.67 40.87%	38,128 47.42%	915,796		
NEE	84.00	81.91 -2.48%	10,715 64.58%	453,062		
NEM	48.75	53.3 9.33%	23,955 69.54%	557,807		
NET	42.58	80.4 88.82%	29,285 53.95%	274,719		
NFLX	284.17	323.14 13.71%	275,306 49.33%	1,180,293		
NIO	10.06	30.27 200.87%	139,819 89.87%	1,731,027		
NKE	117.56	112.76 -4.08%	116,753 68.02%	712,425		
NLY	22.49	17.98 -20.05%	9,581 71.85%	152,504		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
NOW	380.64	436.19 14.59%	8,321 47.29%	77,849		
NRG	32.24	33.35 3.45%	7,329 98.70%	195,254		
NTNX	25.26	27.05 7.09%	5,576 62.14%	178,764		
NUE	136.54	127.27 -6.79%	10,470 54.88%	123,954		
NVAX top 3	8.86	63.73 619.36%	34,411 111.90%	324,861		
NVDA	141.21	190.81 35.12%	516,650 89.19%	2,785,606		
NVS	91.13	86.88 -4.67%	5,816 50.93%	121,227		
OIH	303.81	251.42 -17.25%	7,274 47.71%	185,553		
OKTA	64.96	103.98 60.07%	12,307 34.53%	176,230		
ON	61.36	55.34 -9.81%	9,786 75.96%	243,488		
ORCC	11.98	11.2 -6.51%	5,403 117.59%	116,507		
ORCL	80.98	75.53 -6.73%	47,298 50.66%	503,676		
OXY	64.33	55.46 -13.79%	70,230 54.96%	1,064,189		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
PAAS	17.32	22.57 30.32%	6,238 63.03%	173,433		
PANW	139.21	140.68 1.06%	21,966 72.45%	646,181		
PARA	16.52	30.45 84.31%	39,956 66.96%	847,296		
PBR	10.85	13.24 22.06%	83,834 55.77%	2,228,323		
PCG bottom 3	16.45	12.71 -22.76%	7,345 42.71%	318,084		
PDD	85.20	81.66 -4.15%	41,411 62.46%	677,714		
PENN	29.50	48.36 63.92%	8,957 92.60%	101,056		
PEP	183.07	169.21 -7.57%	12,054 59.83%	232,122		
PFE	51.13	47.23 -7.62%	75,210 56.63%	1,537,484		
PG	153.95	145.32 -5.60%	18,065 61.83%	451,114		
PINS	23.43	35.54 51.68%	62,976 56.35%	1,228,043		
PLTR	6.00	19.43 223.78%	106,952 101.28%	2,194,567		
PLUG	11.72	26.96 130.04%	49,399 73.96%	728,670		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
PM	102.68	96.32 -6.19%	7,266 107.21%	154,998		
PSTG	26.41	29.11 10.21%	8,824 60.89%	198,208		
PTON	8.14	28.29 247.53%	32,813 86.13%	845,711		
PYPL	68.33	121.52 77.85%	126,192 68.32%	1,381,362		
QCOM	109.46	133.56 22.02%	49,634 73.30%	658,575		
QQQ	263.58	285.99 8.50%	2,758,891 63.66%	10,777,175		
QS	5.18	19.0 266.78%	17,793 98.40%	421,318		
RBLX	26.33	52.83 100.63%	65,039 65.25%	621,202		
RCL	48.90	46.84 -4.21%	23,382 43.04%	598,738		
RITM	8.59	9.31 8.39%	5,250 69.75%	236,208		
RIVN	17.74	47.44 167.43%	98,894 144.44%	732,955		
RKT	6.87	12.27 78.62%	7,923 75.51%	261,945		
ROKU	39.23	116.7 197.49%	60,199 72.98%	421,841		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
RTX	99.66	95.12 -4.56%	9,368 55.53%	221,812		
RUN	23.74	32.52 36.97%	12,024 92.69%	233,710		
SAVA	28.67	60.82 112.15%	11,860 87.98%	173,726		
SBLK	20.21	19.32 -4.41%	7,075 44.14%	213,398		
SBUX	99.20	101.21 2.03%	76,593 59.46%	932,689		
SCHW	82.22	74.93 -8.86%	11,135 69.51%	335,599		
SDOW	26.70	30.35 13.69%	15,086 82.28%	78,835		
SE	50.25	118.7 136.22%	30,089 47.86%	427,387		
SHEL	57.87	55.01 -4.95%	9,140 47.98%	263,139		
SHOP	33.39	65.43 95.95%	105,840 47.85%	1,470,460		
SI	15.77	33.28 111.06%	36,647 93.26%	311,592		
SIRI	5.78	7.18 24.19%	11,128 55.65%	523,688		
SJR	26.29	23.1 -12.13%	6,831 102.51%	80,802		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
SLB	53.50	43.3 -19.07%	21,380 44.58%	541,933		
SLV	22.11	25.35 14.66%	169,655 66.10%	5,241,101		
SMH	199.84	219.01 9.59%	38,260 51.09%	364,615		
SNAP	8.56	29.48 244.40%	125,110 63.03%	2,015,641		
SNOW	137.76	190.47 38.27%	31,263 45.86%	298,159		
SOXS	41.86	59.39 41.87%	16,305 102.33%	59,029		
SPLK	83.56	128.68 54.00%	6,378 39.01%	237,888		
SPOT	76.52	158.99 107.78%	5,766 59.53%	124,617		
SPWR	17.98	24.98 38.92%	10,721 94.30%	197,905		
SPXS	22.46	23.87 6.28%	36,082 54.77%	163,624		
SPXU	17.01	20.6 21.13%	26,793 48.31%	178,466		
SPY	381.40	377.8 -0.94%	8,411,930 56.87%	18,533,058		
SQ	59.86	108.38 81.06%	93,906 64.35%	1,015,834		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
SQQQ	55.81	55.83 0.04%	165,148 69.07%	510,014		
STX	52.06	63.45 21.88%	10,728 88.07%	152,547		
SU	31.91	32.89 3.09%	9,493 33.90%	304,546		
SWKS	88.06	115.52 31.18%	5,446 75.20%	102,517		
SWN	6.14	7.23 17.70%	15,750 44.02%	403,686		
T	18.46	18.99 2.87%	91,367 65.81%	1,621,526		
TAL	8.82	22.53 155.46%	22,535 101.77%	331,270		
TBT	32.10	29.62 -7.74%	14,873 49.57%	349,831		
TDOC top 3	22.83	125.44 449.47%	11,173 120.71%	307,478		
TEAM	124.83	169.45 35.74%	8,168 47.93%	102,800		
TECK	39.36	31.51 -19.94%	5,041 58.39%	168,912		
TEVA	9.21	10.46 13.54%	17,632 56.04%	1,212,625		
TGT	145.55	168.59 15.83%	39,905 66.25%	347,945		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
TGTX	7.82	15.86 102.75%	14,101 170.68%	206,076		
TJX	79.03	72.71 -7.99%	9,398 59.90%	197,616		
TLT	100.14	113.76 13.60%	287,809 115.74%	2,521,712		
TME	8.47	13.75 62.32%	6,364 92.04%	246,080		
TMF	7.77	11.05 42.25%	7,542 124.10%	144,045		
TMUS	140.99	136.45 -3.22%	15,125 50.47%	439,104		
TSLA	109.10	261.72 139.89%	3,275,449 219.78%	10,572,805		
TSM	74.32	89.03 19.79%	52,989 57.96%	797,797		
TSN	61.69	68.81 11.54%	8,598 57.42%	191,748		
TTD	43.82	61.38 40.08%	24,742 48.49%	379,998		
TWLO	44.59	95.62 114.45%	18,414 62.25%	290,390		
TXN	163.78	165.98 1.35%	14,905 60.31%	249,124		
TZA	36.05	39.77 10.31%	12,818 47.34%	76,775		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
U	26.47	61.04 130.61%	22,774 63.70%	333,175		
UAA	9.97	12.83 28.70%	7,148 69.71%	133,589		
UAL	38.20	39.84 4.30%	67,646 76.64%	981,111		
UBER	24.40	36.31 48.80%	105,253 62.67%	1,850,027		
UCO	29.85	31.36 5.04%	7,782 74.48%	61,207		
ULTA	464.00	386.69 -16.66%	5,923 77.92%	66,174		
UMC	6.63	8.45 27.39%	12,070 65.30%	293,760		
UNG	16.12	23.18 43.77%	43,515 99.56%	338,873		
UNH	531.99	503.0 -5.45%	15,293 51.57%	197,607		
UNP	210.32	216.29 2.84%	10,651 34.34%	178,427		
UPS	176.93	182.13 2.94%	16,217 39.41%	250,292		
UPST top 3	12.40	71.96 480.30%	49,474 67.87%	617,298		
URBN	23.82	24.35 2.21%	6,677 108.30%	56,132		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
USB	43.65	51.64 18.31%	5,666 70.46%	181,825		
USO	69.53	75.15 8.08%	39,933 80.50%	541,241		
UUP	27.97	28.86 3.17%	43,954 62.06%	572,901		
V	206.29	211.4 2.48%	26,279 37.98%	423,211		
VALE	16.88	18.41 9.08%	52,037 48.74%	1,592,347		
VFC	27.16	33.93 24.94%	9,927 136.23%	127,768		
VKTX	8.11	6.42 -20.87%	13,074 151.47%	70,079		
VLO	126.41	106.41 -15.82%	10,061 87.00%	201,898		
VNQ	82.71	84.97 2.74%	5,335 66.66%	86,247		
VZ	39.25	43.92 11.89%	54,133 103.41%	1,093,444		
W	32.15	90.53 181.59%	19,697 49.90%	241,218		
WBA	38.31	39.84 3.99%	13,008 54.90%	331,102		
WBD	9.23	21.23 130.06%	78,022 80.33%	1,416,608		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
WDAY	163.40	181.97 11.36%	7,656 32.43%	172,311		
WDC	31.17	44.36 42.33%	12,184 67.78%	270,447		
WFC	41.04	42.91 4.55%	65,008 55.21%	1,746,382		
WMT	143.81	141.29 -1.75%	51,767 52.12%	628,411		
WYNN	84.33	79.27 -6.00%	17,971 102.66%	327,786		
X	26.06	20.22 -22.41%	35,084 37.19%	680,985		
XBI	78.54	90.99 15.85%	32,740 87.40%	652,455		
XHB	60.66	53.73 -11.43%	7,067 51.76%	168,025		
XLB	78.59	74.57 -5.11%	7,193 39.47%	155,215		
XLE	87.99	76.96 -12.54%	149,572 65.47%	2,920,661		
XLF	33.94	32.94 -2.93%	188,423 58.60%	4,448,877		
XLI	98.69	93.48 -5.28%	57,343 53.20%	832,134		
XLK	123.42	134.75 9.18%	17,076 63.53%	489,375		

Ticker	Stock Price	Center of Mass	Options Volume / Power	Total OI	CoM Trend	OI by Strike
XLP	75.54	69.64 -7.81%	24,681 46.21%	393,502		
XLU	71.35	67.73 -5.08%	24,956 42.63%	397,866		
XLV	135.75	113.13 -16.67%	11,005 82.40%	464,758		
XLY	127.33	159.7 25.43%	17,685 76.95%	230,010		
XOM	110.19	96.32 -12.59%	89,501 62.27%	1,499,091		
XOP	138.52	124.66 -10.00%	34,577 45.06%	656,056		
XP	14.55	18.41 26.51%	8,449 62.72%	162,388		
XPEV	9.80	21.05 114.75%	80,065 53.12%	693,405		
XRT	59.70	63.18 5.84%	19,720 54.83%	178,164		
Z	32.50	73.99 127.65%	18,726 64.37%	445,849		
ZIM	17.10	29.49 72.48%	15,504 67.48%	285,053		
ZM	65.46	183.1 179.71%	40,215 94.15%	571,952		
ZS	107.57	191.83 78.33%	21,733 68.84%	198,155		