

TA THRASHER ANALYTICS

SEPTEMBER 24, 2023



WEEKLY RESEARCH & ANALYSIS

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SUMMARY OF MODELS

	Current	Wkly Change
Maestro Model	-5	Decreasing
Volatility Risk Trigger	0	Decreasing
Risk Appetite Ratios	54	Decreasing
S&P 500 Long-Term Trend	Up	Unchanged

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Volatility

Equities

Maestro Model

Sector Sentiment

Sectors & Commodity

Sentiment

Trend Models

Sector Rotation: September	
Communication	XLC
Technology	XLK
Consumer Disc.	XLY

Maestro Model	
Trend / Momentum	0
Sentiment / VIX	1
Breadth	-2
Economic	-2
Total	-5

(Breadth is weighted double in model)

Index & Sector		
	Up Trend	Down Trend
SPX	X	
QQQ	X	
XLF		X
XLY	X	
XLK	X	
XLV		X
XLU		X
XLP		X
XLI	X	
XLRE		X
XLE	X	
XLB		X

Daily Sentiment Index		
	% Bullish	5-day MA
S&P 500	44%	56%
Nasdaq 100	40%	51%
Nikkei	61%	64%
VIX	12%	15%
10yr Treasury	18%	18%
5yr Treasury	18%	20%
CRB Index	82%	85%
Crude Oil	85%	87%
Gold	16%	19%
U.S. Dollar	88%	85%
Bitcoin	30%	36%

*Green<25% Red>80%

source: trade-futures.com

Brief Summary:

After making an attempt to fall -5% and failing earlier in the month, the S&P 500 has now declined by just over -5% as we near the end of the month and third quarter. It's now been 37 days since the 52-week high, more than double the time period I discuss in my 5% Canary paper for what I define as a fast initial decline. This now sets up for a possible "buy the dip" scenario. The Dow is still above its -5% threshold, off by just -5.68%. There was a lack of downside confirmation on Friday following Thursday's 90% down day. Seasonality also shows that pre-election years find bottoms in early October. From a volatility point-of-view, on Friday we got both Aggressive and Conservative Peak Signals. This doesn't mean we will go right back to the highs, but some type of bounce would make sense around current levels. Below Friday's level, we have the August 2022 high which we broke out above back in June of this year.

The S&P 500 is still 3.25% above its 200-day moving average but the rest of the asset sizes are now below (mid, small, and micro) their own respective long-term moving averages.

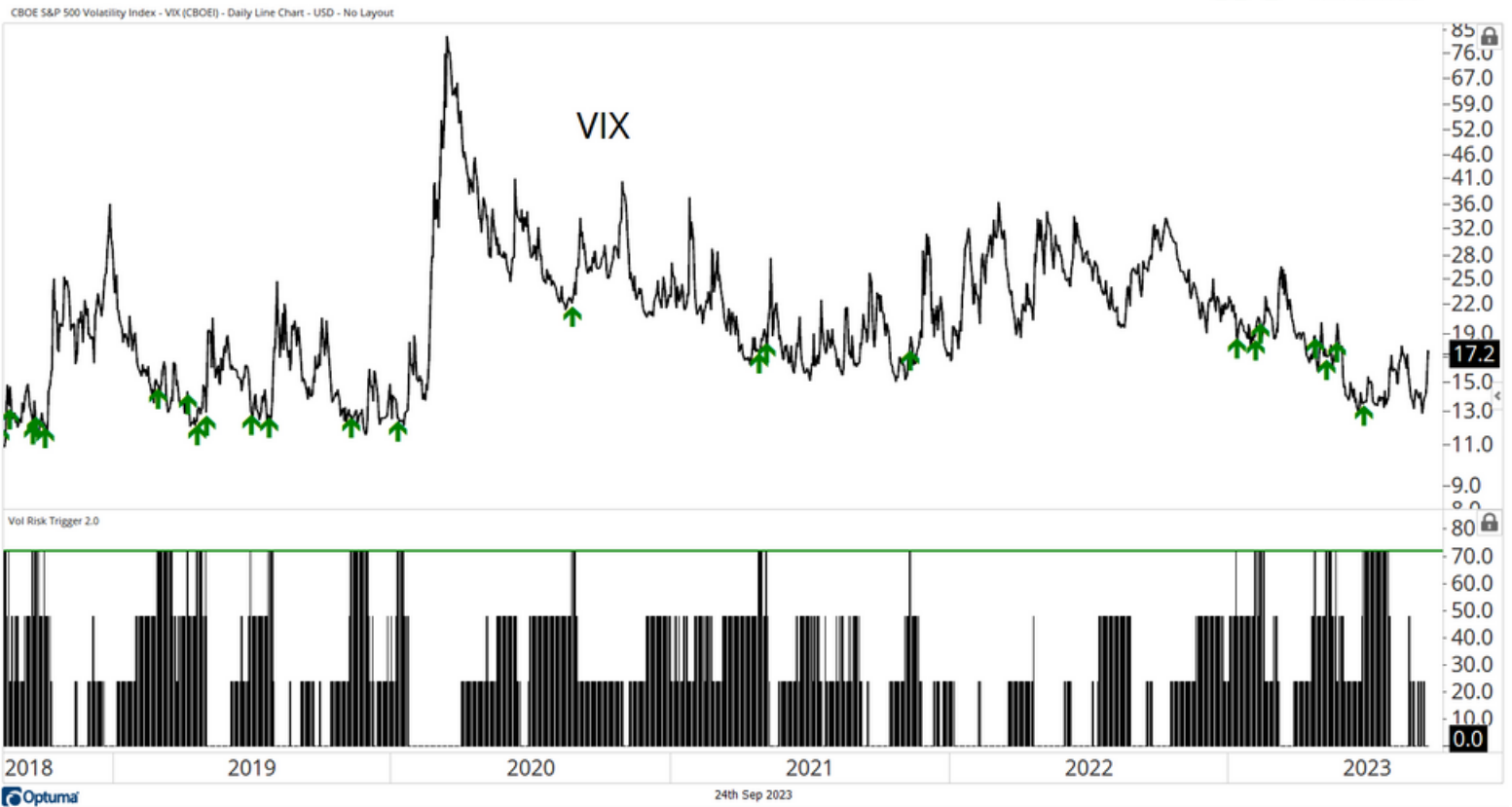
From a sector view, the best performing sectors last week were all from the defensive camp, XLV, XLU, and XLP. Several sectors at the end of last week also got bullish sentiment signals.

With this being the last week of the quarter, we'll likely see some interesting moves on Thursday and Friday. I don't give a lot of weight to "window dressing" but I do believe option markets become more reactive and sensitive to end-of-quarter activity and that can have butterfly effect towards other markets.

VOLATILITY: VRT



VIX picked back up last week, finishing above 17 and the VRT has now 'reset' back to zero.



VOLATILITY: TOP & ENVIRONMENT

On Friday, we got both an Aggressive and Conservative Peak Volatility Signal. This comes with 2 of the 4 VIX Top Composite fired on Thursday. The Peak Signals seeks to see +2 on the Composite followed by a lower high in volatility, which we then got on Friday. This is the first Peak Signals since March.

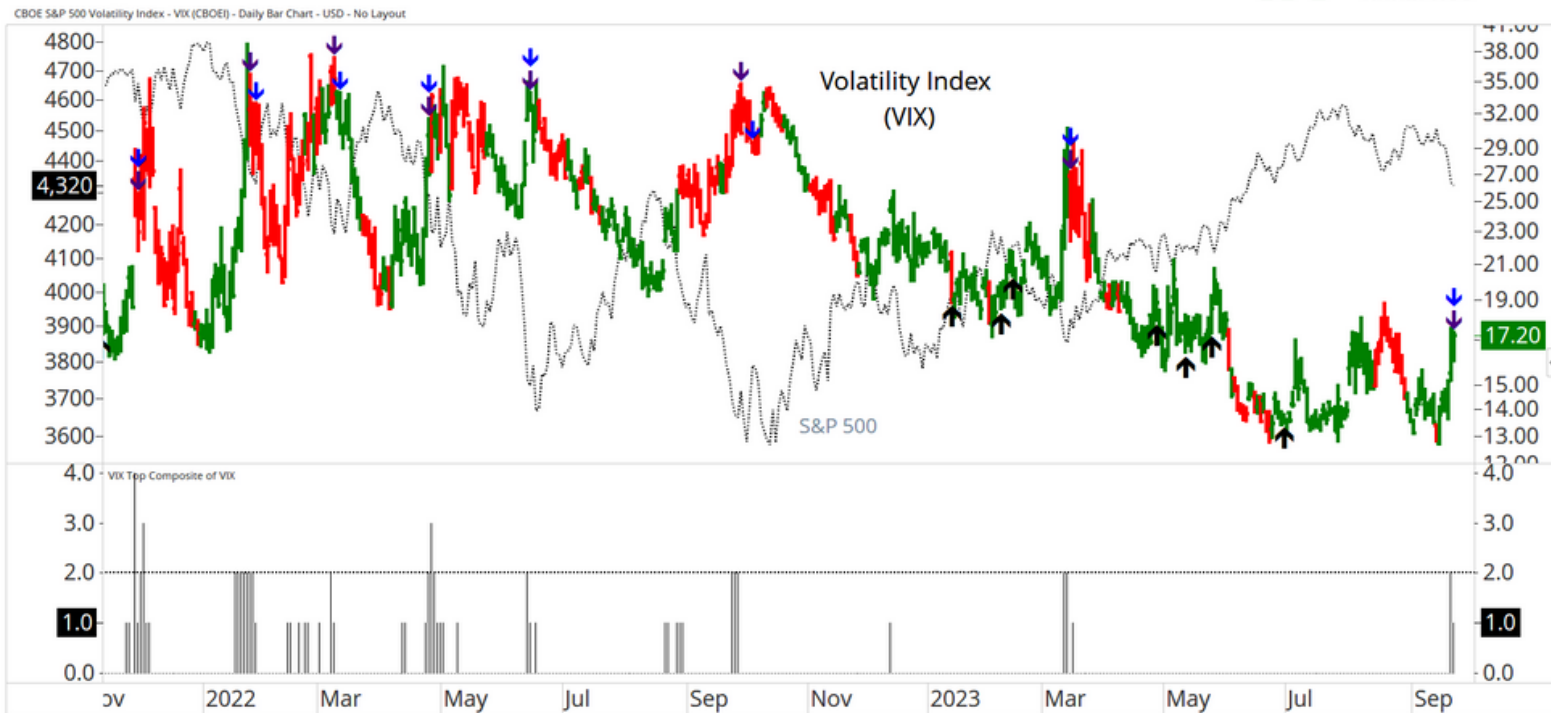


Chart Legend

Low Volatility Environment Aggressive Peak Volatility Signal VIX Risk Trigger Signal

High Volatility Environment Conservative Peak Volatility Signal

VOLATILITY - CURVE



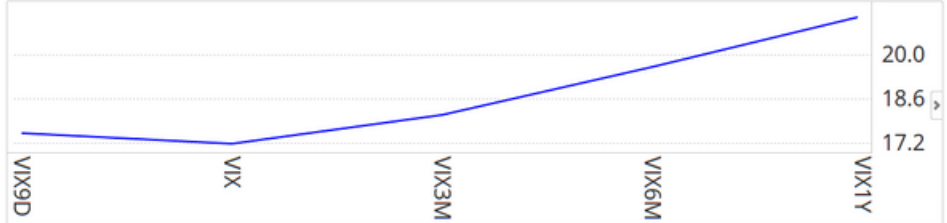
We now have a slight inversion with 9-day above 30-day volatility, but the rest of the futures curve remains upward sloping.

Daily - Watch List - No Layout

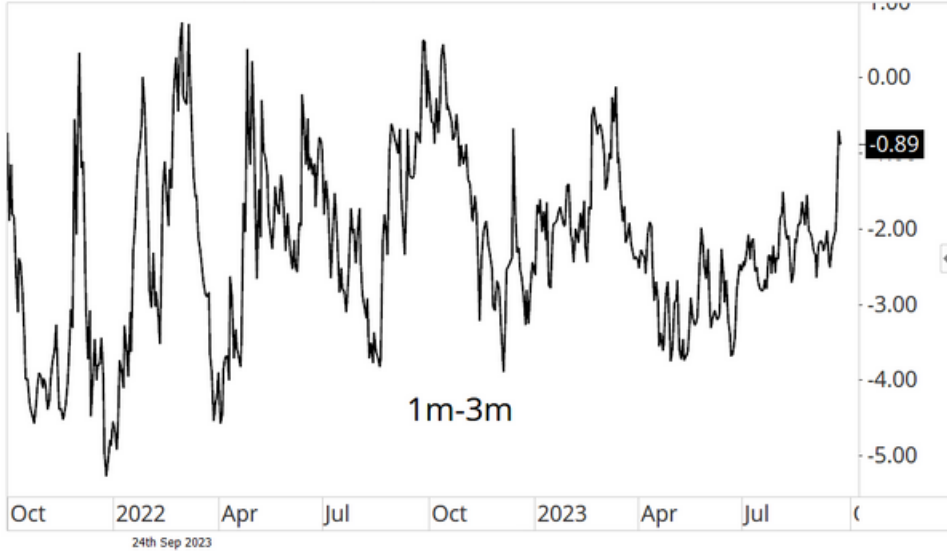
Name	Last	1yr %Tile
CBOE S&P 500 Short Term Volatility Index	17.51	0.2916
CBOE S&P 500 Volatility Index	17.20	0.2105
CBOE S&P 500 3-Month Volatility Index	18.09	0.1526
CBOE Mid-Term Volatility Index	19.60	0.1194
CBOE S&P 500 One-Year Volatility Index	21.24	0.1093



Daily - Curve Chart Date: 9/22/2023



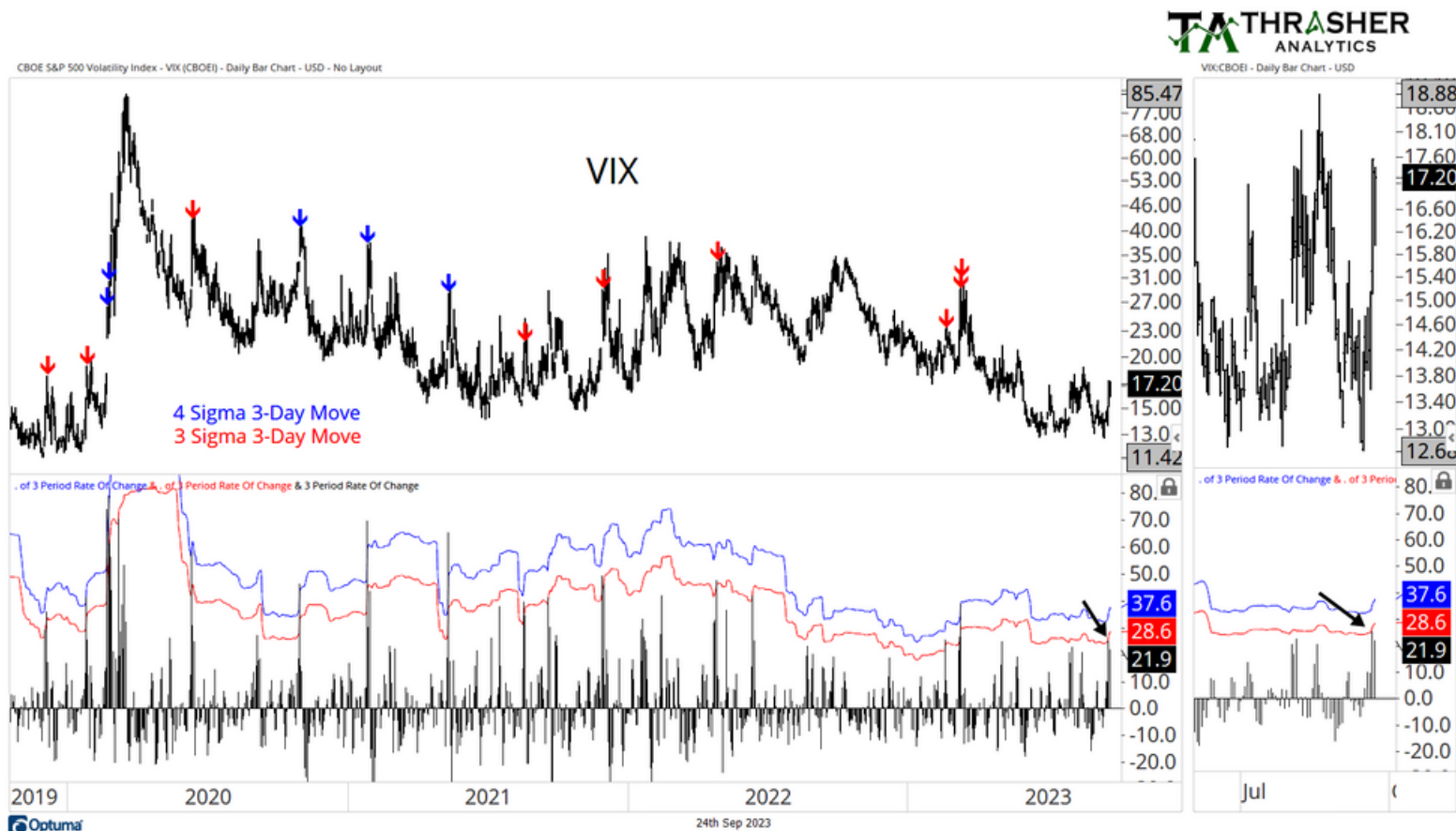
VIX Minus VIX - VIX-VIX (Custom Codes) - Daily Line Chart - USD - No Layout



VOLATILITY - SIGMA



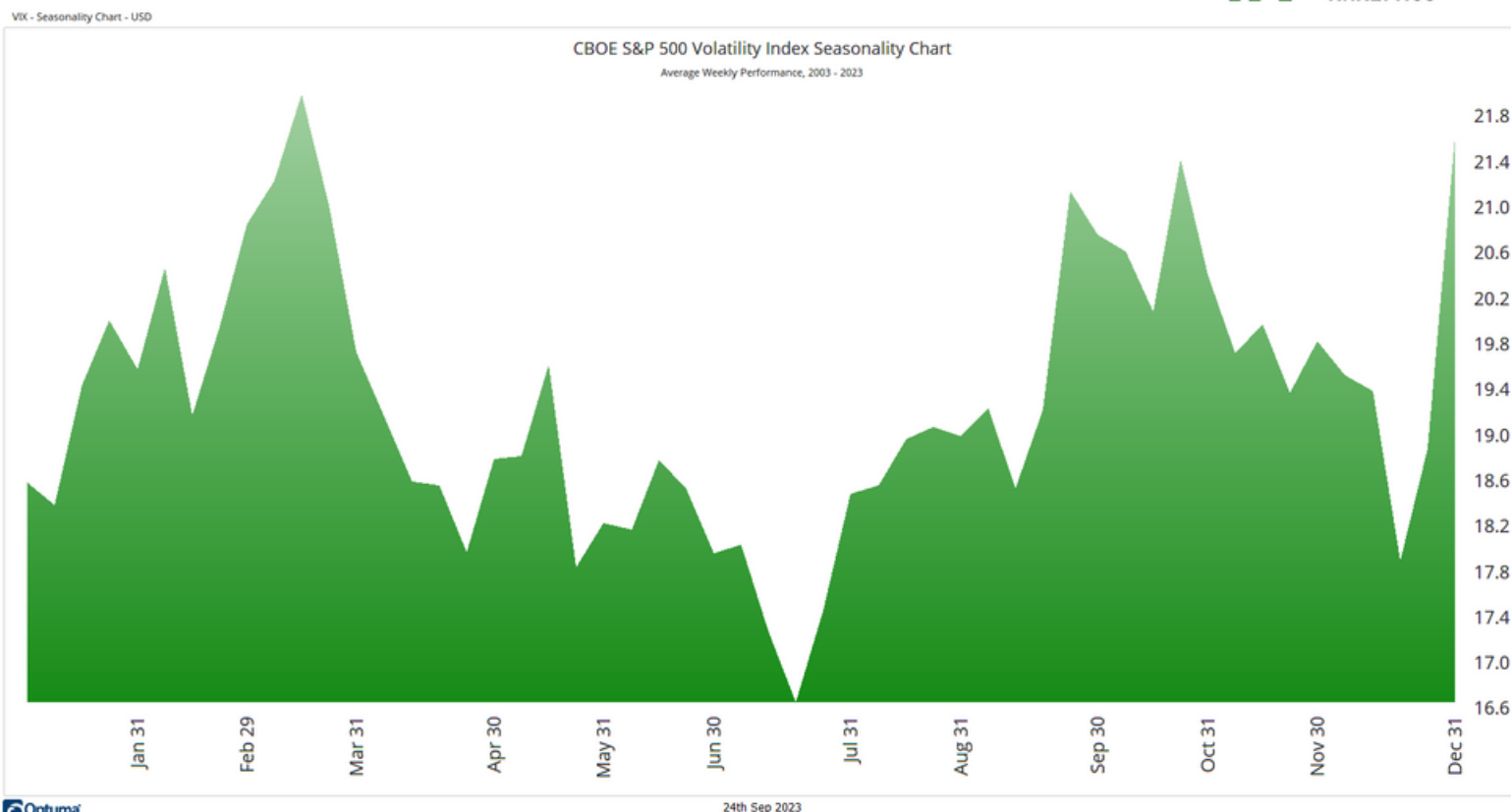
By Thursday, we almost got a 3-sigma move in volatility but barely missed it. So, while the VIX is still relatively low, having not even got to 20 on this run, the advance was above-average compared to what the VIX has been doing this year.



VOLATILITY - SEASONALITY

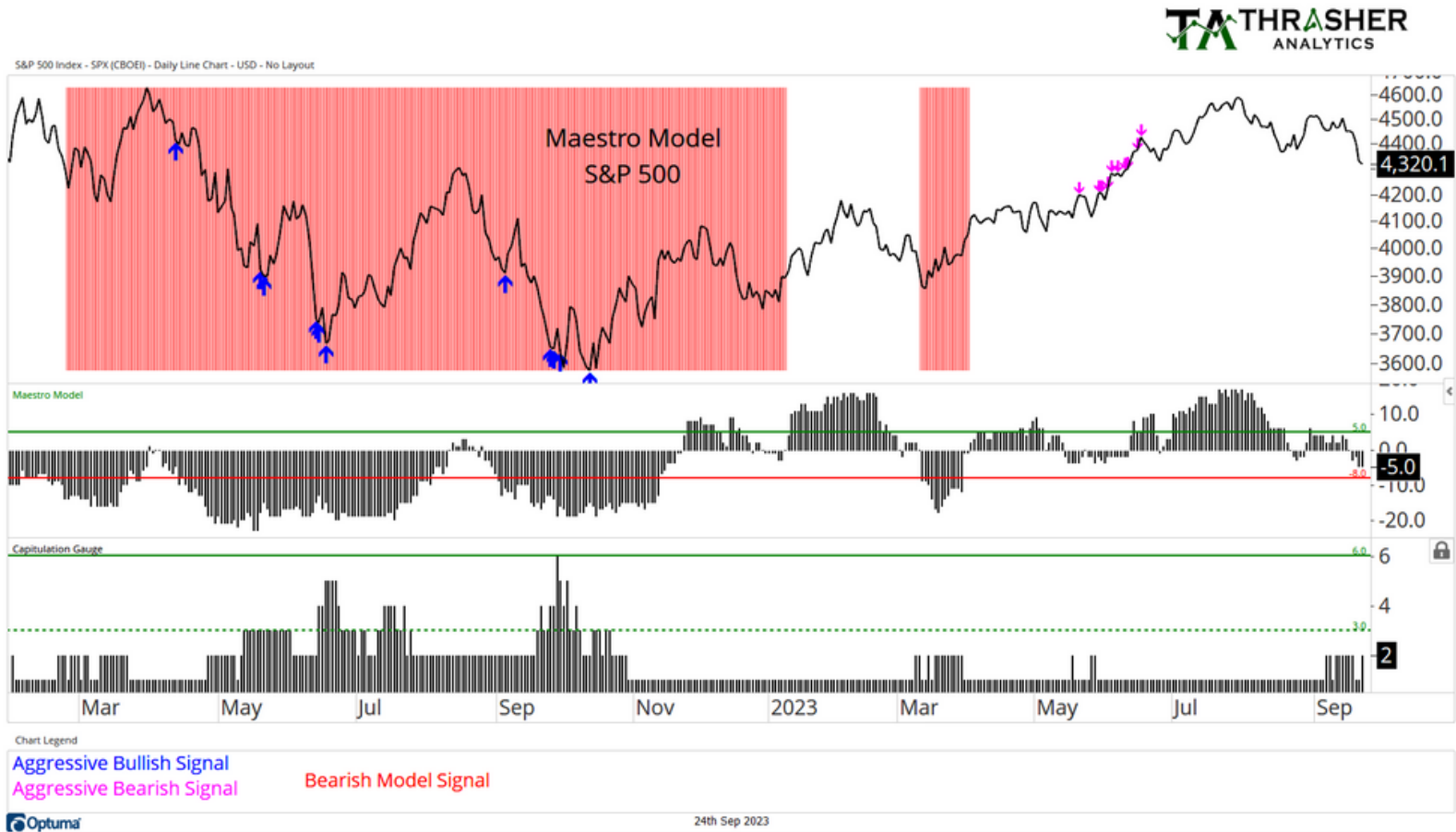


Seasonally, volatility has historically begun to peak towards the end of September. October has seen its fair share of volatility, which is what causes the second peak in vol at the end of October on the seasonal chart below.



Please be sure to check out the *Maestro Model Summary PDF* in the Archive on the website.

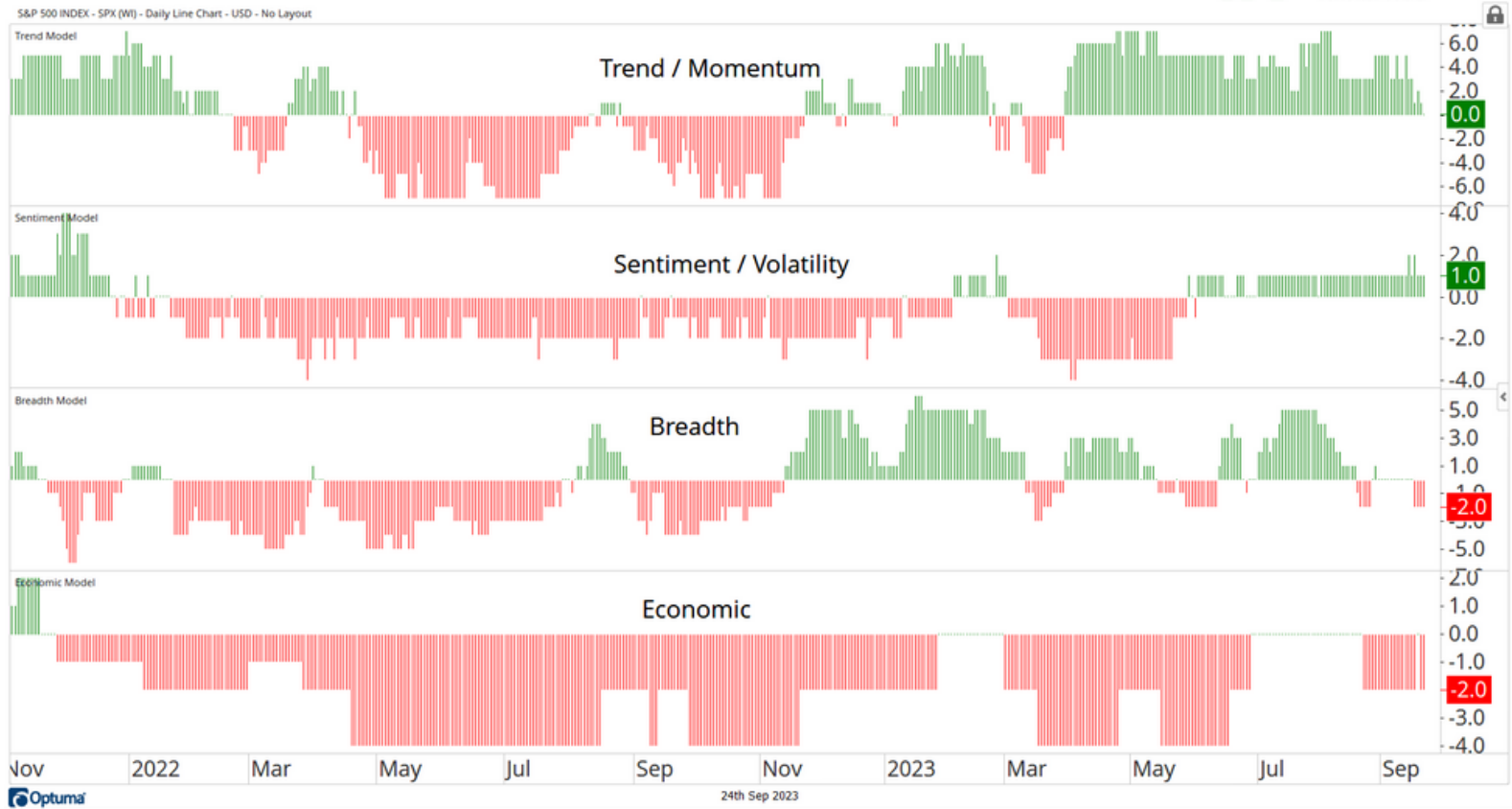
The Maestro Model has moved to its lowest level since March with Trend dropping to zero and Breadth going negative.



MAESTRO MODEL - CATEGORIES



Trend/Momentum has dropped to zero and Breadth went negative mid-week.



SENTIMENT SCORE



Many sectors got bullish sentiment signals at the end of last week. XLC remains the highest scoring sentiment sector with just XLU and XLV seeing an increase in sentiment last week as stocks declined.



Daily - Watch List - No Layout

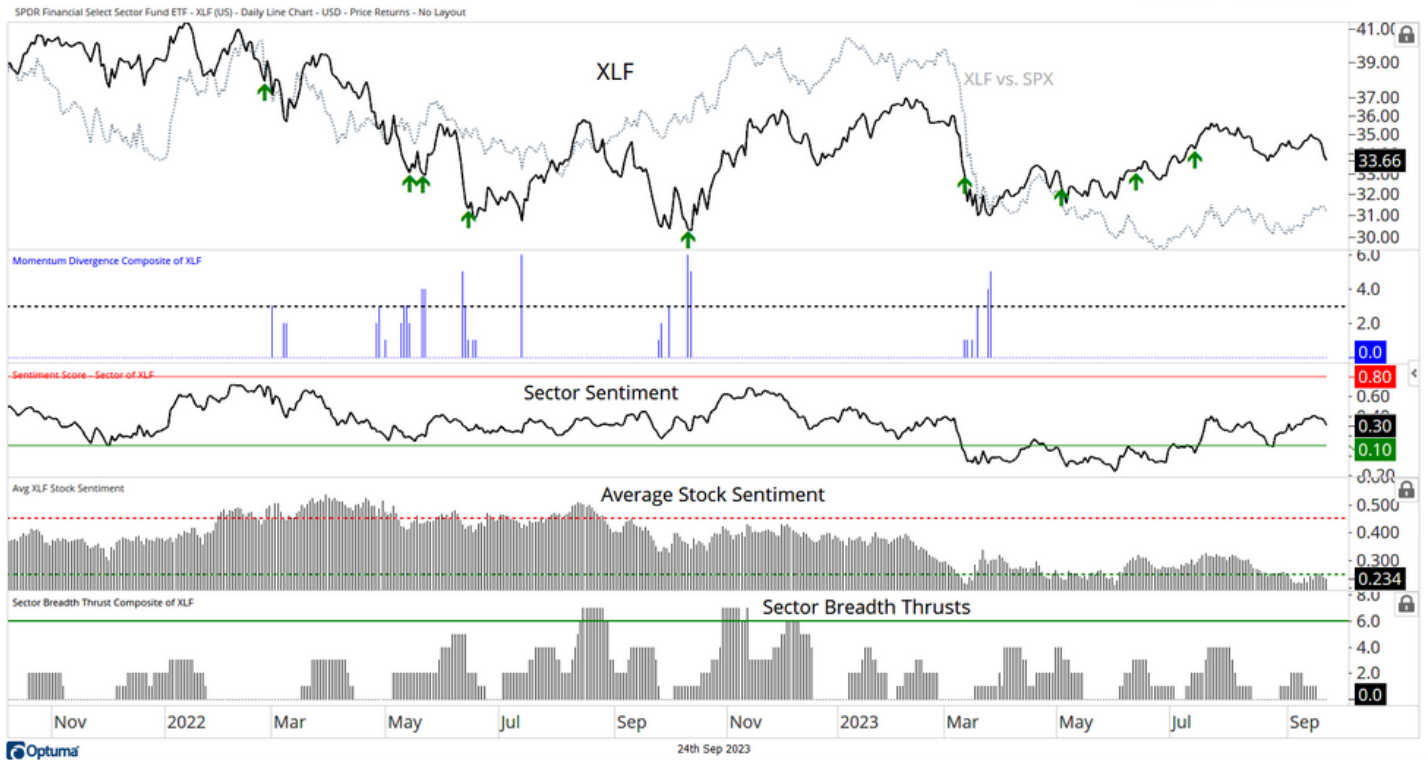
Sector	Ticker	Sector Sentiment	Change in Score	1W Perf	1M Perf	3M Perf
SPDR Communication Services Select Sector ETF	XLC	0.36	-0.05	-2.80%	0.14%	2.21%
SPDR Financial Select Sector Fund ETF	XLF	0.30	-0.10	-3.36%	0.12%	2.37%
SPDR Energy Select Sector Fund ETF	XLE	0.29	-0.07	-2.93%	1.99%	14.62%
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	0.22	-0.22	-6.32%	-2.33%	-3.86%
SPDR Utilities Select Sector Fund ETF	XLU	0.18	0.01	-2.54%	0.03%	-4.11%
SPDR Technology Select Sector Fund ETF	XLK	0.18	-0.06	-2.66%	-2.09%	-3.57%
SPDR Materials Select Sector Fund ETF	XLB	0.12	-0.10	-4.09%	-2.97%	-2.43%
SPDR Health Care Select Sector Fund ETF	XLV	0.09	0.02	-1.54%	-2.29%	-1.73%
SPDR Industrial Select Sector Fund ETF	XLI	0.02	-0.06	-3.06%	-3.84%	-2.19%
SPDR Real Estate Select Sector Fund ETF	XLRE	-0.01	-0.14	-6.03%	-3.95%	-4.63%
SPDR Consumer Staples Select Sector Fund ETF	XLP	-0.08	-0.07	-2.65%	-2.75%	-5.56%

Type Code or Name to add an item to the watchlist

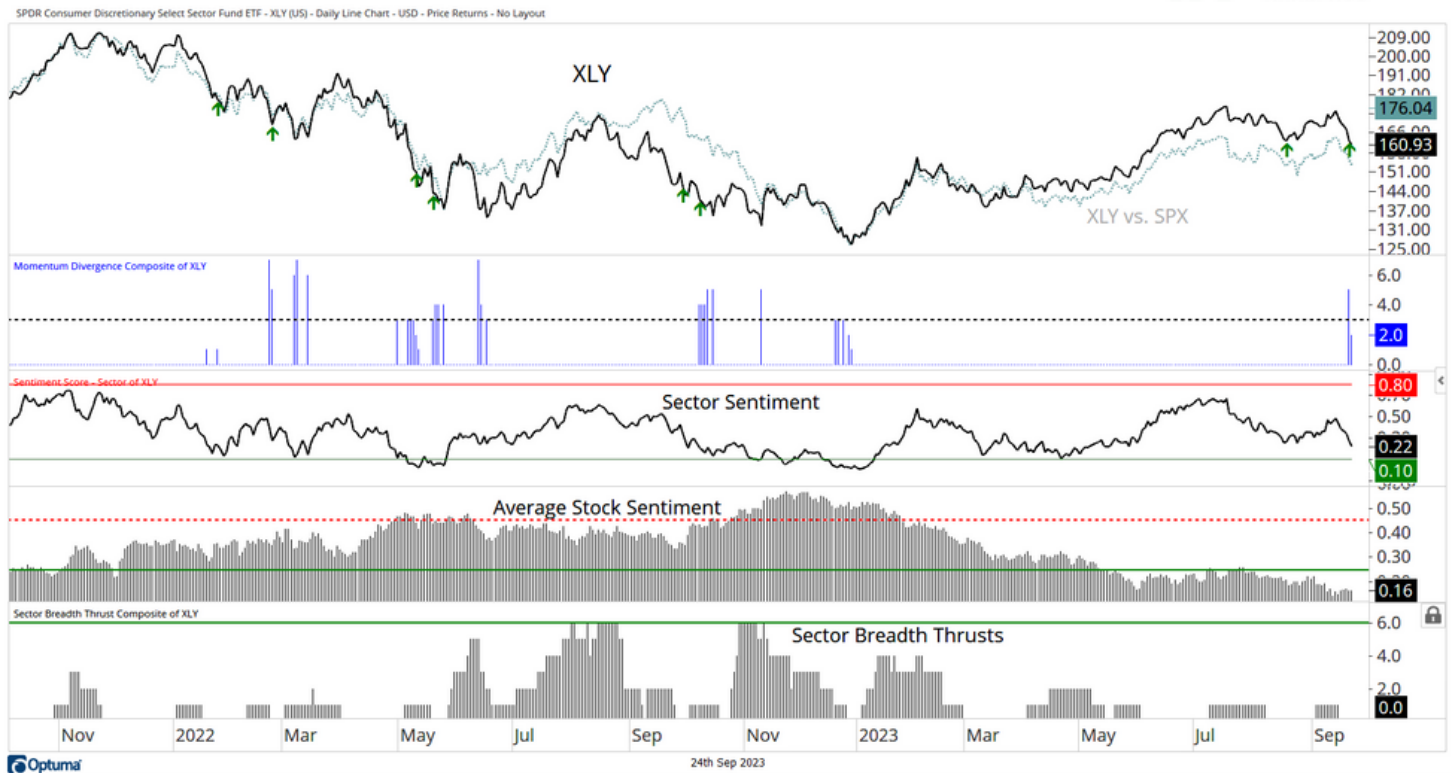
SENTIMENT SCORE: XLF & XLY



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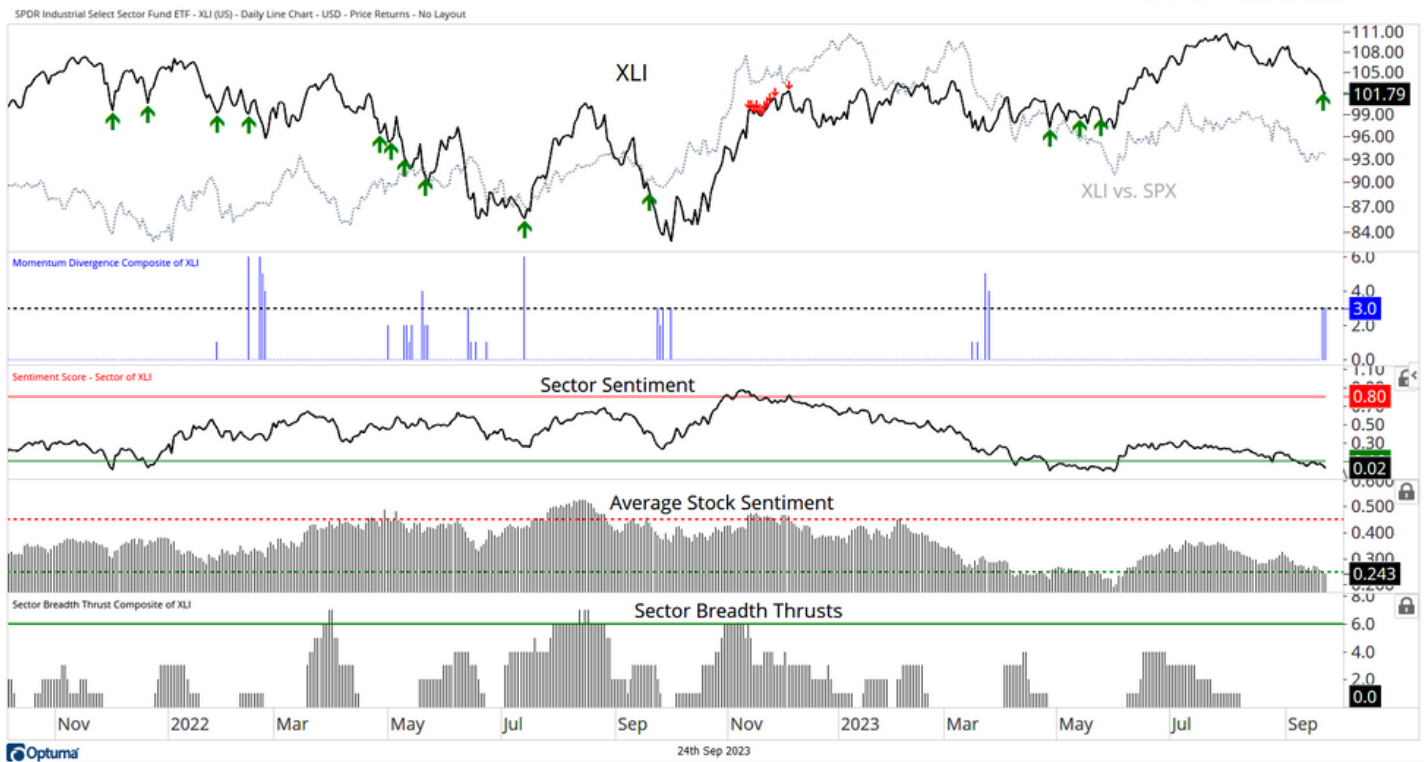
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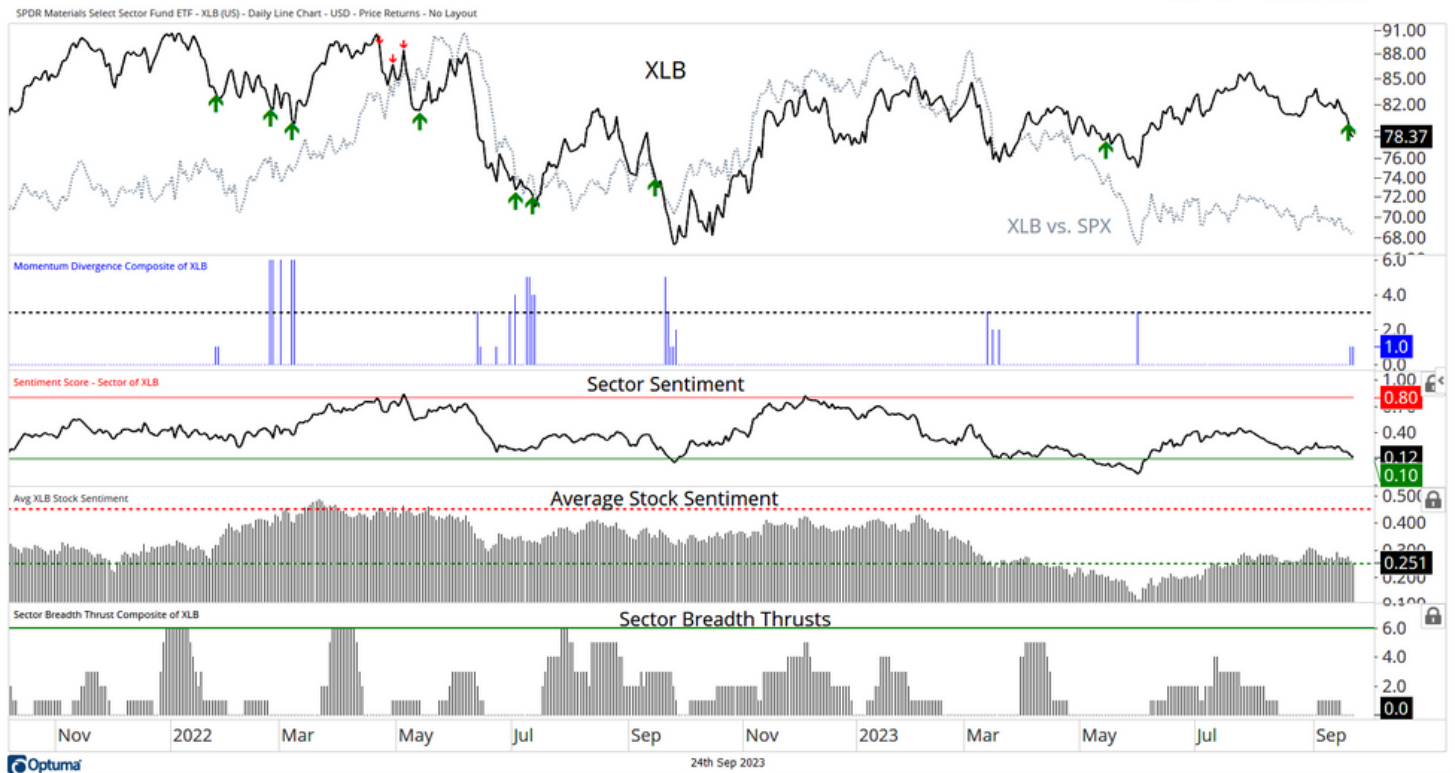
SENTIMENT SCORE: XLI & XLB



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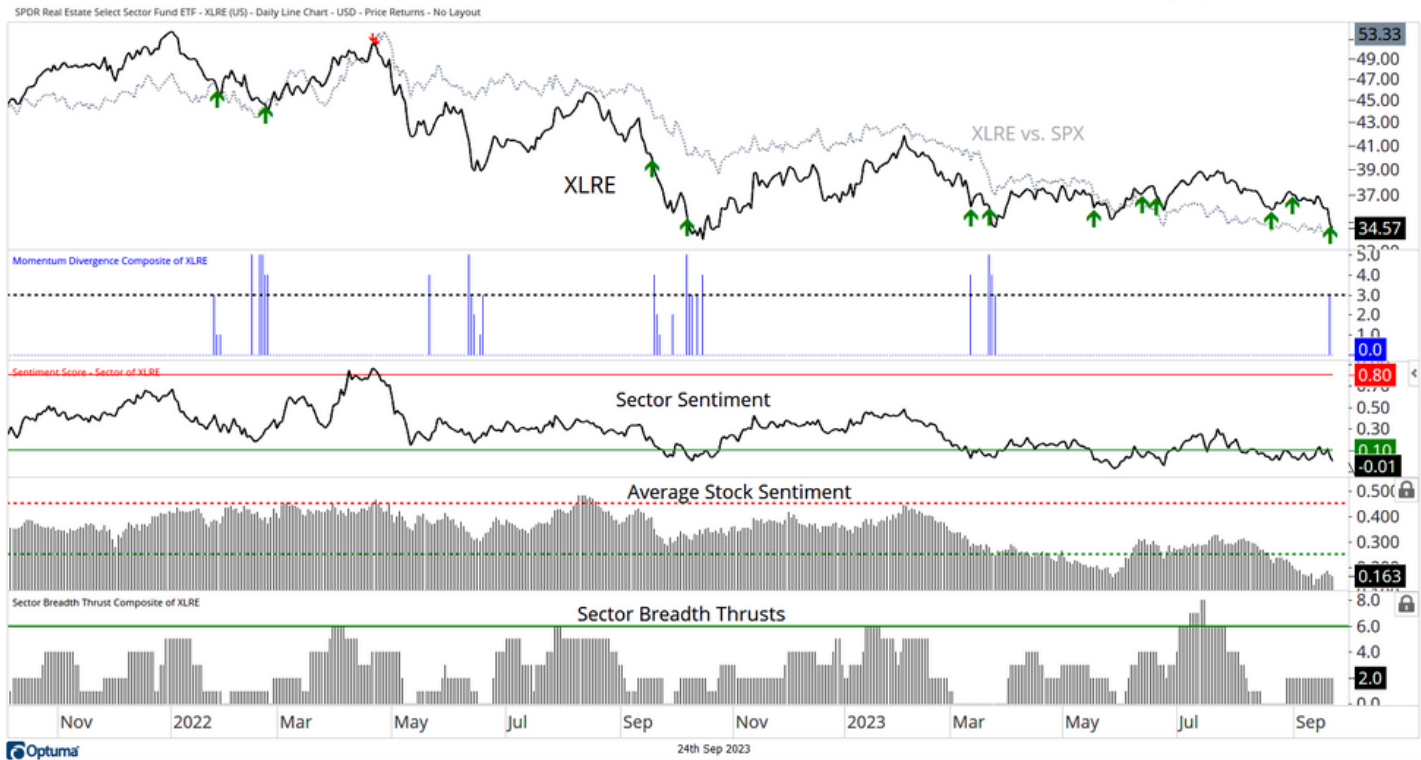
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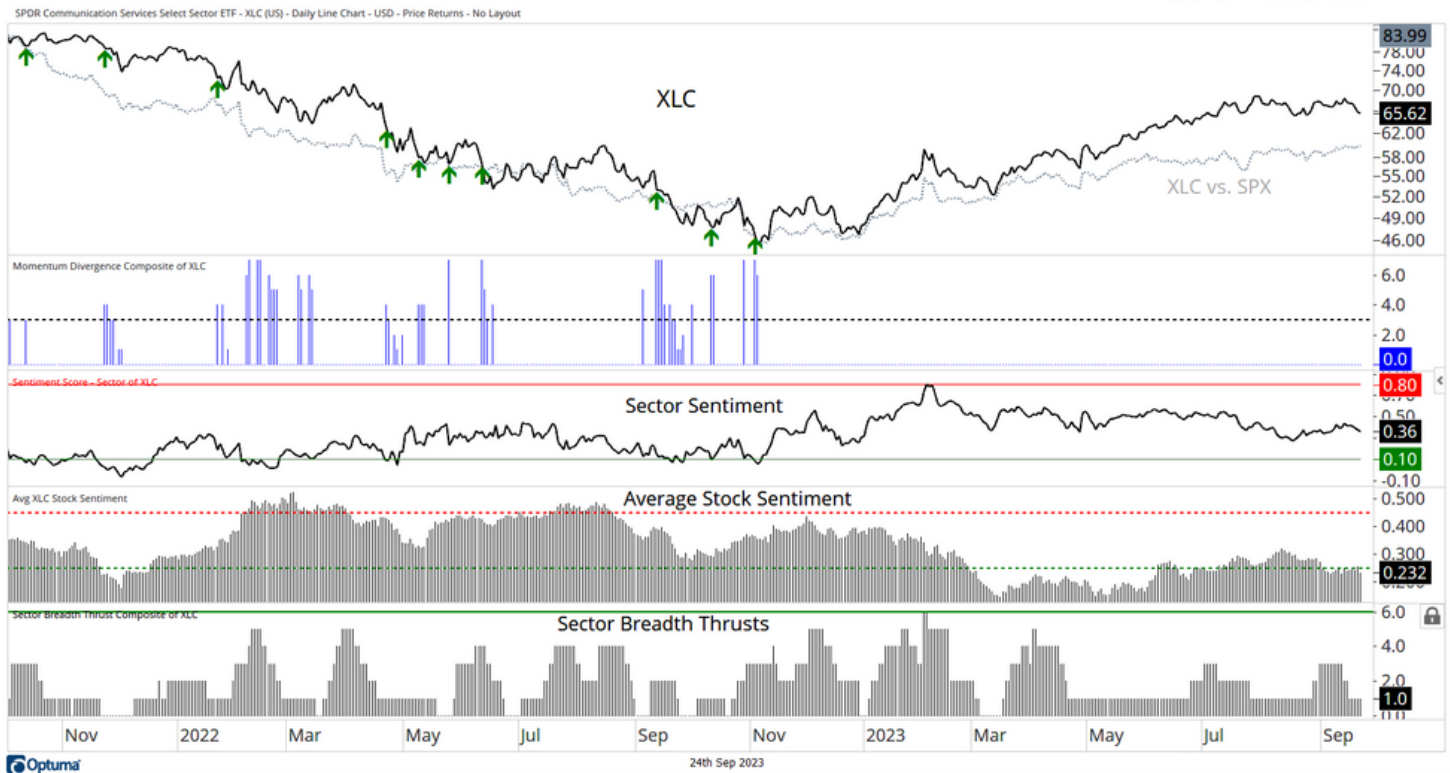
SENTIMENT SCORE: XLRE & XLC



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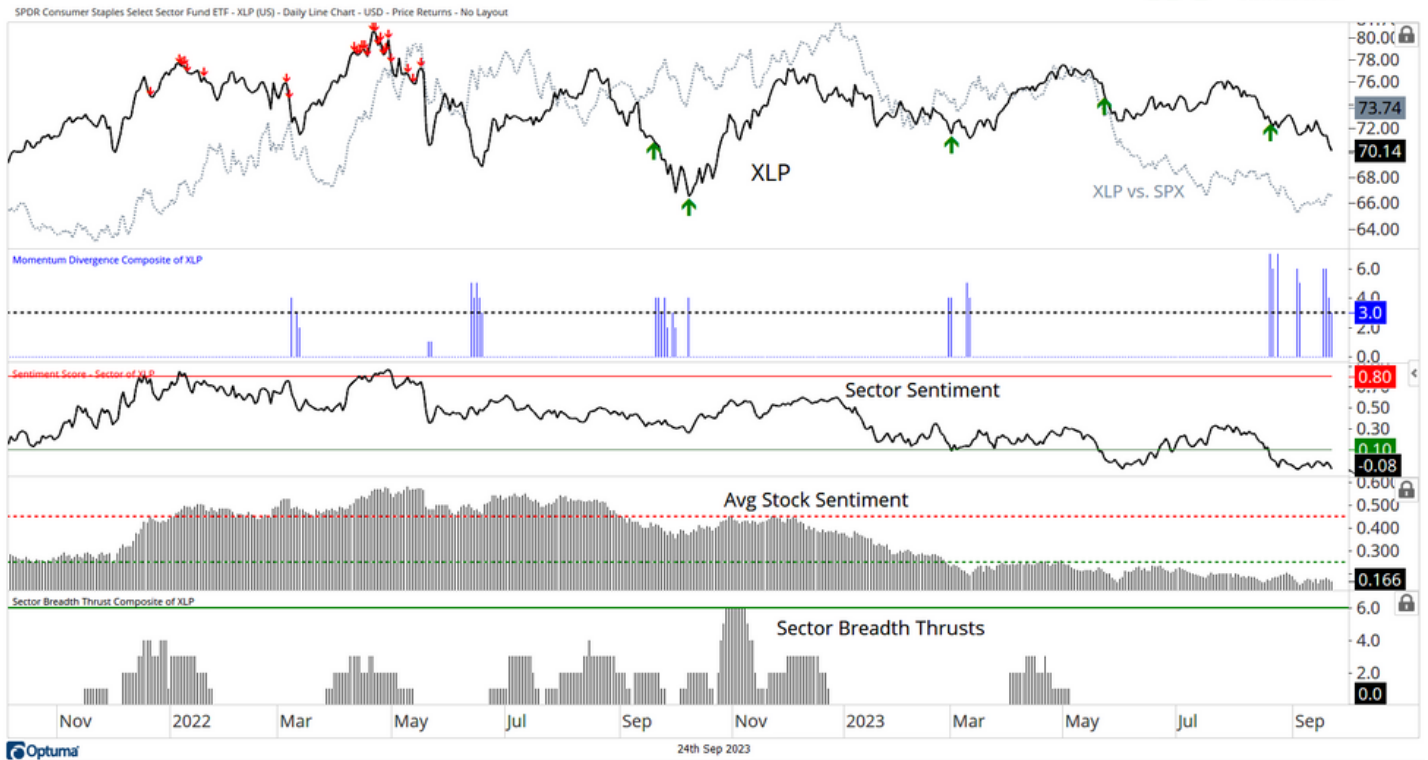
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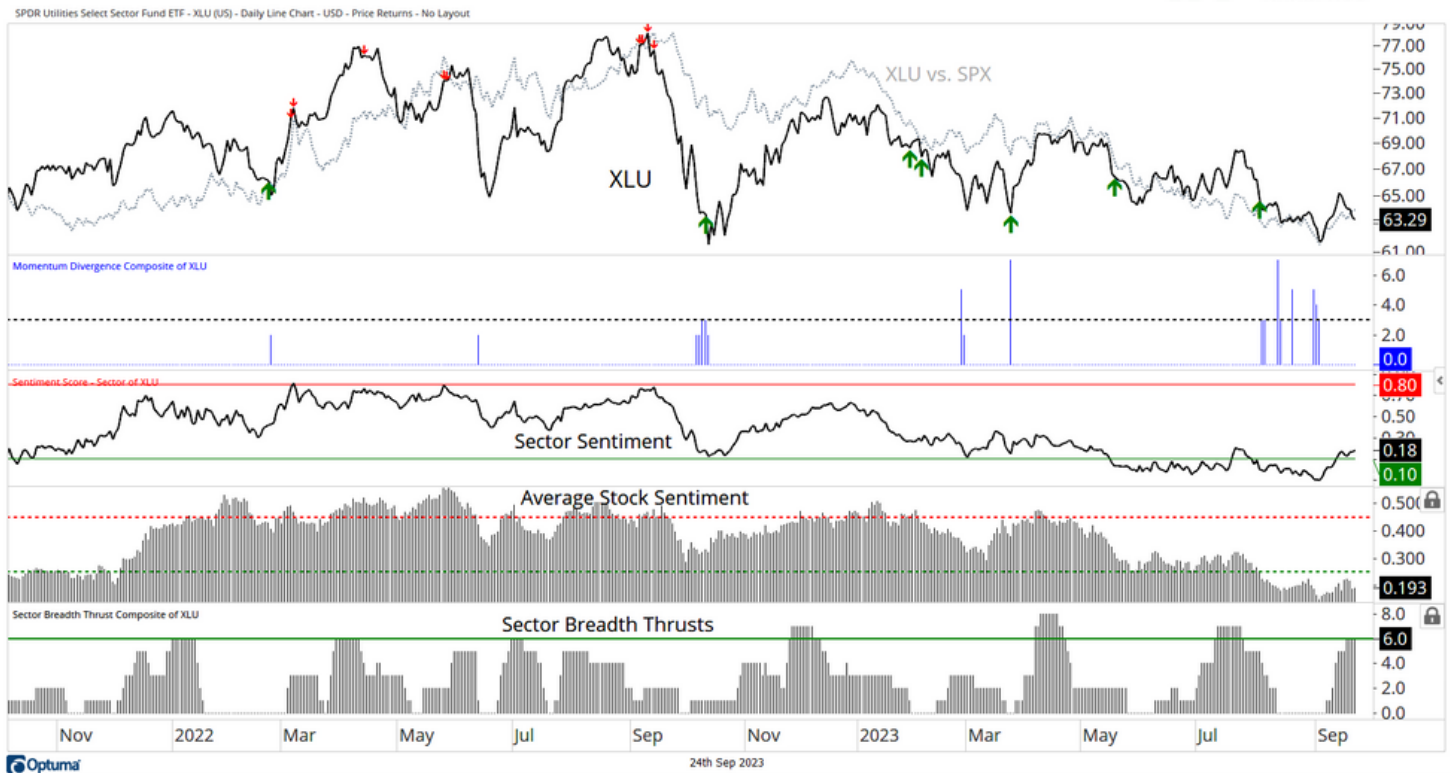
SENTIMENT SCORE: XLP & XLU



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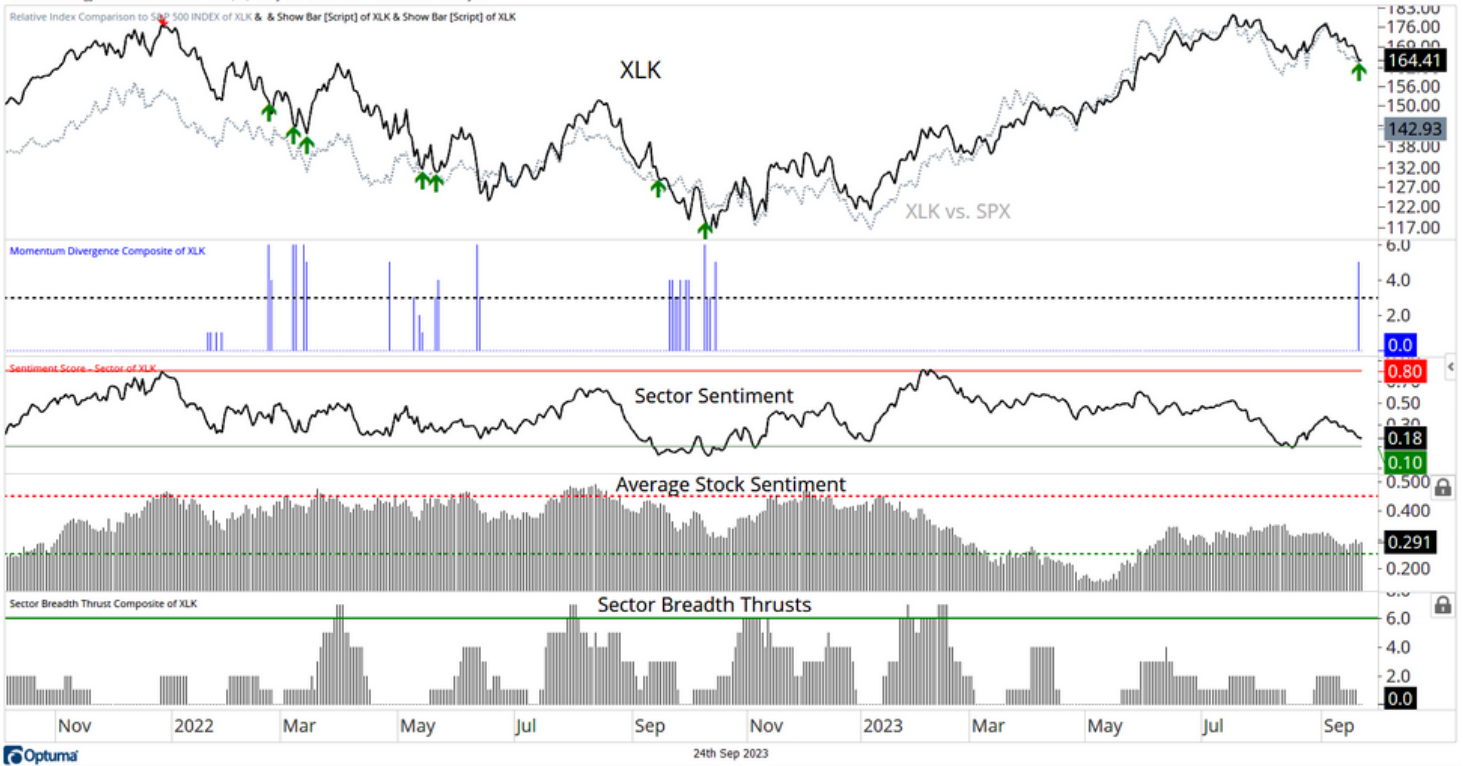


SENTIMENT SCORE: XLK & XLV



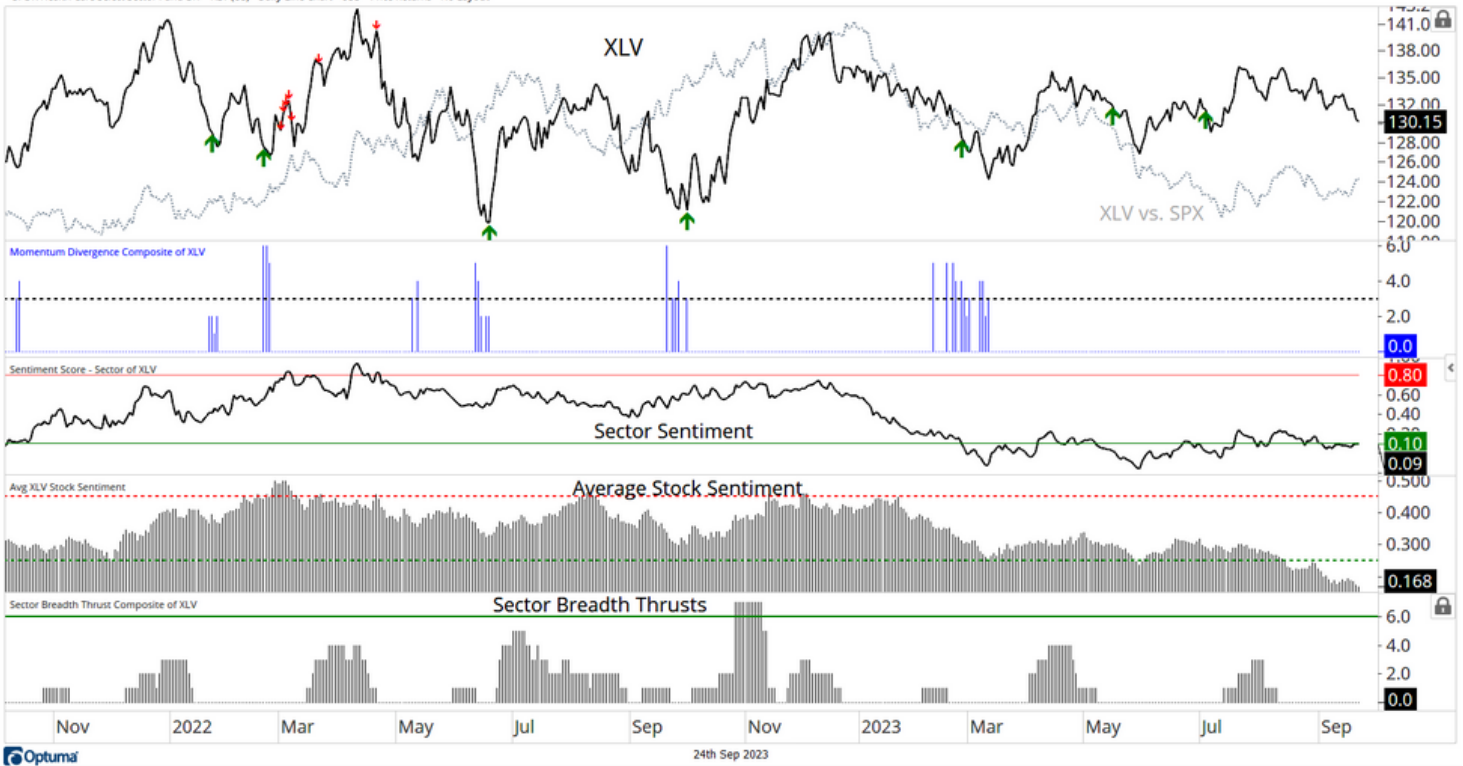
THRASHER ANALYTICS

SPDR Technology Select Sector Fund ETF - XLK (US) - Daily Line Chart - USD - Price Returns - No Layout
Relative Index Comparison to S&P 500 INDEX of XLK & Show Bar [Script] of XLK & Show Bar [Script] of XLK

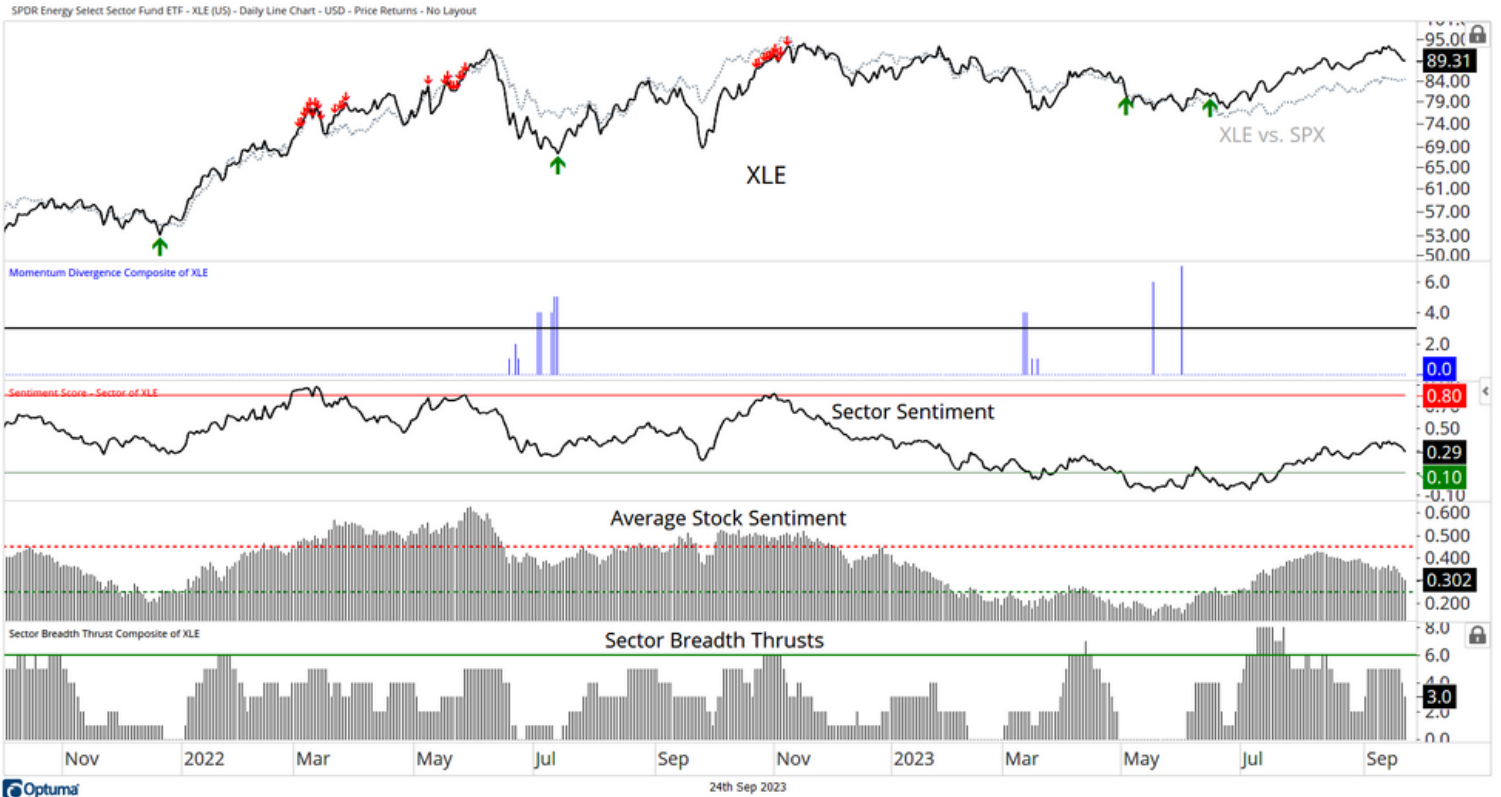


THRASHER ANALYTICS

SPDR Health Care Select Sector Fund ETF - XLV (US) - Daily Line Chart - USD - Price Returns - No Layout



SENTIMENT SCORE: XLE



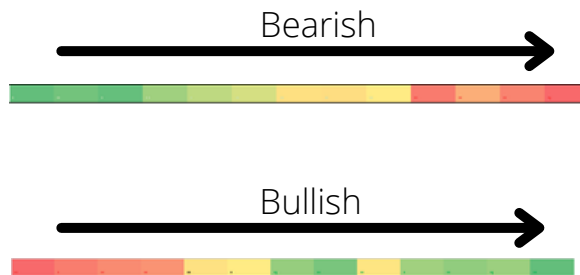
RISK APPETITE RATIO



Below is a table of 16 gauges of risk appetite such as offense vs. defense sectors, foreign markets vs. domestic, small vs. large cap, lumber vs gold, high beta vs. broad market, high yield debt vs. Treasury debt, etc. The table shows each ratio's 1-year percentile going back the last 35 trading days. As the data improves, it turns green and as it declines it becomes red.

The average Risk Appetite Ratio percentile is at the 54th percentile.

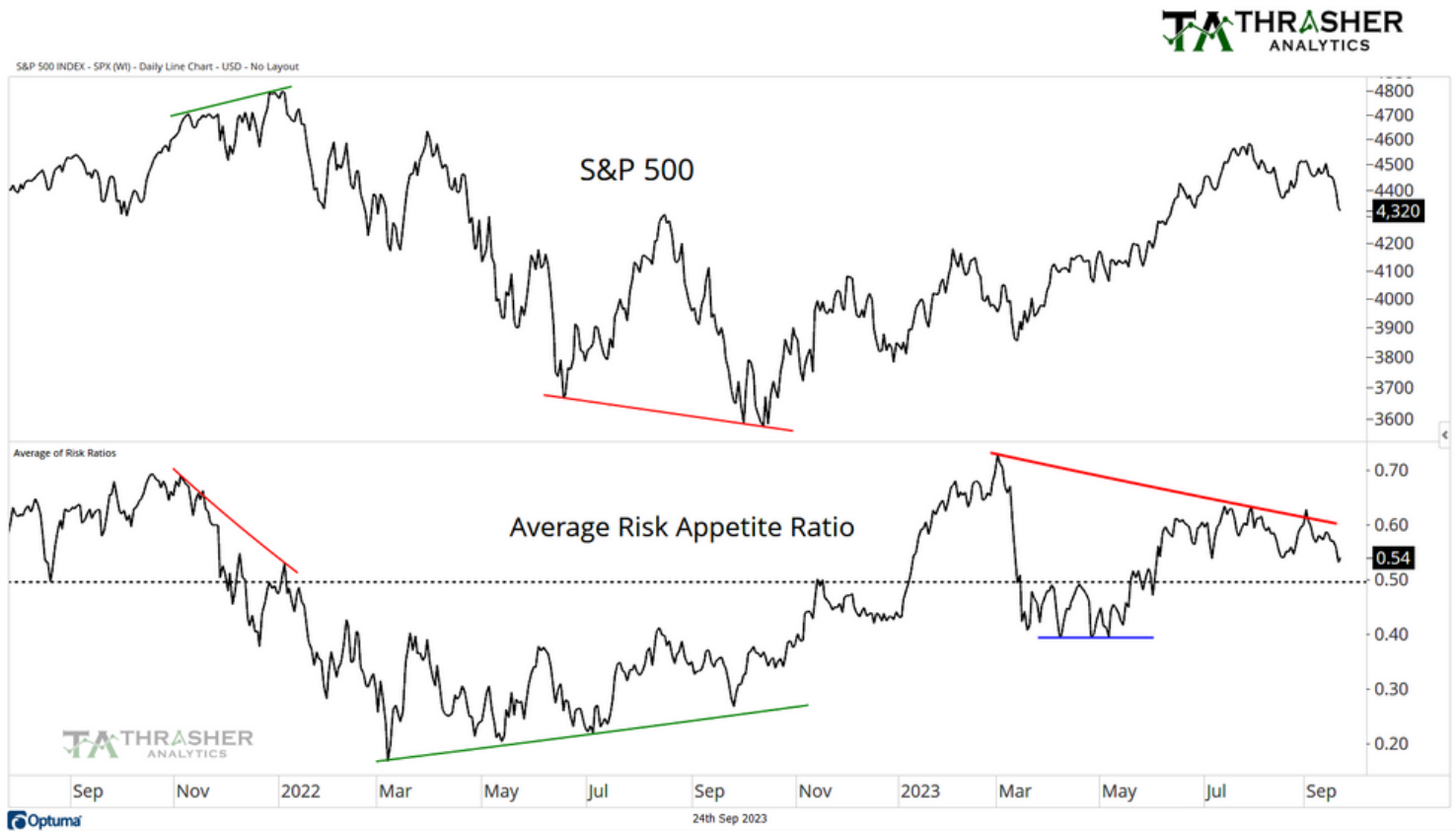
Risk Metric	-35	-34	-33	-32	-31	-30	-29	-28	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	Current
Emerging Market vs. SPX	0.13	0.15	0.09	0.06	0.10	0.11	0.04	0.00	0.00	0.05	0.01	0.00	0.00	0.03	0.08	0.05	0.06	0.05	0.02	0.00	0.05	0.03	0.03	0.00	0.00	0.03	0.04	0.03	0.02	0.07	0.07	0.05	0.07	0.07	0.13	
EAFE vs. SPX	0.28	0.32	0.32	0.31	0.35	0.37	0.34	0.28	0.28	0.27	0.28	0.27	0.26	0.26	0.26	0.26	0.28	0.27	0.25	0.23	0.22	0.20	0.22	0.22	0.20	0.20	0.21	0.19	0.21	0.29	0.27	0.28	0.32	0.32	0.34	
HY Debt vs. Treasury	0.98	0.91	0.98	0.92	0.89	0.99	1.00	1.00	1.00	1.00	0.98	1.00	0.96	0.86	0.87	0.88	0.89	0.87	0.87	0.84	0.93	0.98	0.94	0.95	0.92	0.98	0.93	0.95	1.00	1.00	0.97	1.00	0.97	1.00	0.96	
Home Construction vs. SPX	0.96	1.00	1.00	1.00	0.99	0.96	0.96	0.96	1.00	0.97	0.84	0.85	0.79	0.82	0.86	0.85	0.80	0.82	0.86	0.88	0.90	0.96	0.80	0.85	0.88	0.85	0.87	0.82	0.76	0.78	0.75	0.75	0.76	0.75	0.71	0.73
Offense vs. Defense Sectors	0.90	0.93	0.93	0.89	0.86	0.87	0.84	0.87	0.84	0.82	0.82	0.82	0.86	0.86	0.88	0.85	0.86	0.88	0.92	0.95	1.00	1.00	1.00	0.98	0.94	0.93	0.94	0.93	0.91	0.92	0.89	0.90	0.89	0.84	0.81	0.81
Broker-Dealer vs. SPX	0.23	0.24	0.23	0.20	0.20	0.20	0.21	0.17	0.16	0.18	0.20	0.18	0.17	0.13	0.12	0.17	0.16	0.17	0.15	0.13	0.12	0.15	0.12	0.12	0.13	0.16	0.12	0.19	0.18	0.23	0.26	0.27	0.27	0.26	0.23	0.22
S&P Growth vs. S&P Value	0.54	0.51	0.50	0.52	0.53	0.52	0.52	0.56	0.58	0.58	0.61	0.61	0.71	0.74	0.76	0.74	0.74	0.80	0.85	0.88	0.87	0.87	0.91	0.85	0.83	0.83	0.83	0.80	0.85	0.84	0.81	0.84	0.85	0.83	0.81	0.83
Semiconductor vs. SPX	0.89	0.91	0.91	0.88	0.84	0.83	0.76	0.83	0.83	0.81	0.81	0.82	0.90	0.87	0.91	0.87	0.85	0.87	0.90	0.91	0.92	0.92	0.94	0.92	0.87	0.84	0.83	0.82	0.84	0.83	0.79	0.80	0.78	0.76	0.75	0.78
Consumer Disc. Vs. Staples	0.80	0.88	0.88	0.88	0.84	0.85	0.84	0.86	0.85	0.82	0.80	0.78	0.83	0.86	0.86	0.82	0.84	0.84	0.91	0.92	0.95	0.95	0.99	0.96	0.96	0.96	1.00	1.00	1.00	0.97	0.95	0.94	0.91	0.86	0.84	
Small Cap vs. Utilities	1.00	1.00	1.00	0.95	0.91	0.90	0.89	0.91	0.93	0.86	0.82	0.82	0.84	0.81	0.84	0.81	0.79	0.83	0.87	0.91	0.94	1.00	0.98	0.95	0.86	0.81	0.80	0.79	0.72	0.72	0.69	0.70	0.71	0.66	0.64	0.64
Transports vs. Utilities	0.97	1.00	1.00	1.00	0.97	0.94	0.97	0.94	0.97	0.97	0.92	0.90	0.90	0.92	0.89	0.91	0.87	0.89	0.91	0.93	0.93	0.97	0.95	0.93	0.87	0.83	0.84	0.82	0.79	0.78	0.79	0.78	0.78	0.77	0.79	0.79
Equal Weight vs. Cap Weight	0.13	0.13	0.12	0.12	0.15	0.14	0.14	0.10	0.09	0.09	0.10	0.04	0.03	0.01	0.04	0.03	0.04	0.06	0.01	0.00	0.00	0.02	0.00	0.01	0.02	0.01	0.00	0.03	0.00	0.02	0.07	0.02	0.02	0.06	0.06	0.05
Small cap vs. Large Cap	0.29	0.30	0.25	0.23	0.23	0.19	0.21	0.16	0.15	0.11	0.08	0.12	0.06	0.06	0.06	0.04	0.06	0.05	0.05	0.05	0.12	0.00	0.02	0.00	0.00	0.00	0.03	0.00	0.03	0.06	0.02	0.01	0.00	0.01	0.01	0.01
Equities vs. VIX	0.73	0.74	0.65	0.75	0.73	0.72	0.73	0.81	0.82	0.68	0.65	0.57	0.61	0.63	0.63	0.71	0.73	0.78	0.85	0.91	0.94	0.99	0.89	0.84	0.85	0.90	0.91	0.86	0.94	1.00	0.88	0.86	0.85	0.75	0.57	0.59
Aussie Dollar vs. Yen	0.54	0.59	0.61	0.61	0.65	0.63	0.66	0.62	0.62	0.57	0.54	0.60	0.59	0.61	0.58	0.60	0.64	0.66	0.75	0.72	0.69	0.74	0.70	0.70	0.67	0.70	0.71	0.73	0.75	0.77	0.78	0.78	0.82	0.84	0.74	0.82
Copper vs. Gold	0.41	0.36	0.34	0.29	0.33	0.31	0.26	0.28	0.23	0.24	0.29	0.30	0.30	0.34	0.35	0.31	0.31	0.29	0.29	0.27	0.27	0.31	0.34	0.29	0.26	0.21	0.30	0.30	0.32	0.34	0.29	0.25	0.22	0.25	0.20	0.18
AVERAGE	0.61	0.62	0.61	0.60	0.60	0.58	0.58	0.58	0.56	0.55	0.55	0.55	0.56	0.56	0.56	0.55	0.57	0.60	0.60	0.60	0.60	0.64	0.61	0.60	0.58	0.57	0.58	0.58	0.58	0.59	0.59	0.58	0.58	0.57	0.54	0.54



RISK APPETITE RATIO



Risk Appetite continued to move lower last week, but not as much as many would have expected, going from 58th to 54th percentile.



EQUITIES - BREADTH



Below is a table showing the changes in breadth data over the last 35 days. This provides insight into whether bullish or bearish data is improving or declining.


	35 Days Ago	30 Days Ago	25 Days Ago	20 Days Ago	15 Days Ago	10 Days Ago	5 Days Ago	Current
Moving Average Breadth								
S&P 500 % above 200-day MA	63.0	61.4	50.1	48.1	53.9	47.5	49.7	41.4
Nasdaq 100 % above 200-day MA	75.2	72.3	62.4	64.4	70.3	65.3	67.3	59.4
S&P 500 % above 50-day MA	65.6	56.9	33.6	29.8	43.1	33.6	32.6	18.1
Nasdaq 100 % above 50-day MA	66.3	50.5	29.7	30.7	51.5	47.5	42.6	18.8
S&P 500 % above 20-day MA	43.7	35.6	13.9	12.7	53.1	39.6	44.5	16.9
Nasdaq 100 % above 20-day MA	41.6	33.7	14.9	13.9	67.3	54.5	48.5	16.8
Bullish Breadth								
S&P 500 % RSI(14) > 70	6.6	5.6	0.8	0.2	2.4	2.2	0.6	0.4
Nasdaq 100 % RSI(14) > 70	5.0	7.9	2.0	0.0	5.0	2.0	0.0	2.0
S&P 400 % New 52 week highs	5.2	2.5	0.5	1.0	3.2	2.0	1.0	0.8
S&P 600 % New 52 week highs	4.0	2.3	0.5	1.0	2.7	1.2	0.7	0.2
S&P 500 % New 52 week highs	3.4	3.6	0.4	2.0	4.4	2.6	1.6	0.4
Nasdaq 100 % New 52 week highs	3.0	6.9	1.0	5.0	8.9	5.0	3.0	3.0
S&P 500 % New 6 month highs	5.0	4.8	0.8	2.2	6.2	3.6	3.0	0.4
Nasdaq 100 % New 6 month highs	4.0	8.9	2.0	5.0	10.9	6.9	3.0	2.0
Bearish Breadth								
S&P 500 % RSI(14) < 30	3.8	7.0	14.3	9.3	3.0	8.6	4.4	17.9
Nasdaq 100 % RSI(14) < 30	4.0	7.9	14.9	7.9	4.0	4.0	5.0	9.9
S&P 400 % New 52 week lows	2.2	1.5	3.5	1.0	0.2	3.5	2.5	5.3
S&P 600 % New 52 week lows	1.7	2.0	4.2	3.3	1.7	5.5	2.7	6.7
S&P 500 % New 52 week lows	1.2	0.8	3.2	2.6	0.8	3.4	1.6	7.4
Nasdaq 100 % New 52 week lows	2.0	1.0	5.0	5.0	1.0	1.0	3.0	4.0
S&P 500 % New 6 month lows	1.8	1.6	6.2	3.8	1.4	5.6	2.8	13.7
Nasdaq 100 % New 6 month lows	2.0	1.0	7.9	7.9	2.0	2.0	5.9	6.9

HIGH & LOW REL. STRENGTH LIST

Each week will take a look at the stocks making new 6-month highs (on the left) and lows (on the right) relative to the S&P 500. This list will be of large cap stocks and grouped based on their sector. If it's making a 6-month AND a 12-month relative high (or low) then it'll be shown in green (or red) and if it's a new 12-month absolute new high (price) then it will be in bold. This type of scan be useful in seeing what stocks are showing strength as well as which sectors have the most stocks making relative gains. We can also get insight into the breadth of the market based on whether there are more new relative highs or lows each week. I hope you find this useful as a source of idea generation and a unique view on the broad health of the market.



New 6-Month Relative Performance High List											
XLY	XLK	XLF	XLC	XLI	XLB	XLE	XLP	XLV	XLU	XLRE	
	VRSK	MMC	PCAR	CF		WMT	STE	CEG			
	FICO	CBOE				COST	MOH	TRGP			
	BR	AJG				MCK	NRG				
	ATVI	ACGL					EMR				
	ROP	L									
	IT	AIZ									
	FFIV	AIG									
	CTSH	AFL									
	WDC										
											
		New 12-month Absolute High				Total 6m RS Highs:					
		New 12-month Relative High				28					

New 6-Month Relative Performance Low List											
XLY	XLK	XLF	XLC	XLI	XLB	XLE	XLP	XLV	XLU	XLRE	
	TPR	PAYC	IVZ	IPG	ALK	AOS		TGT	PODD	AES	UDR
	BBWI	ZBRA	PYPL		UAL	SEE		DLTR	OGN		SBAC
	MGM	HII	EFX		XYL	FMC		DG	ILMN		PEAK
	BF.B	FSLR			RTX	ALB		CLX	EW		O
	NKE					MHK			DXCM		MAA
									XRAY		CPT
									IDXX		CCI
											ARE
											AMT
											PLD
											KIM
											EQR
											
		New 12-month Absolute Low				Total 6m RS Lows:					
		New 12-month Relative Low				46					

EQUITIES - S&P 500 DAILY



Friday's closing level was important. We made a minor lower-low from the August and just a hair below the low from June. We still find the S&P 500 just above the key swing level of August high. Momentum has broken below its prior low levels and the correction that began a couple of months ago has continued to see lower prices, largely with a pound of flesh from the smaller capitalized stocks. However, I believe we could see a swing low develop soon. That doesn't mean we see an immediate return to the 4550. I'll detail the reasoning throughout this week's letter.

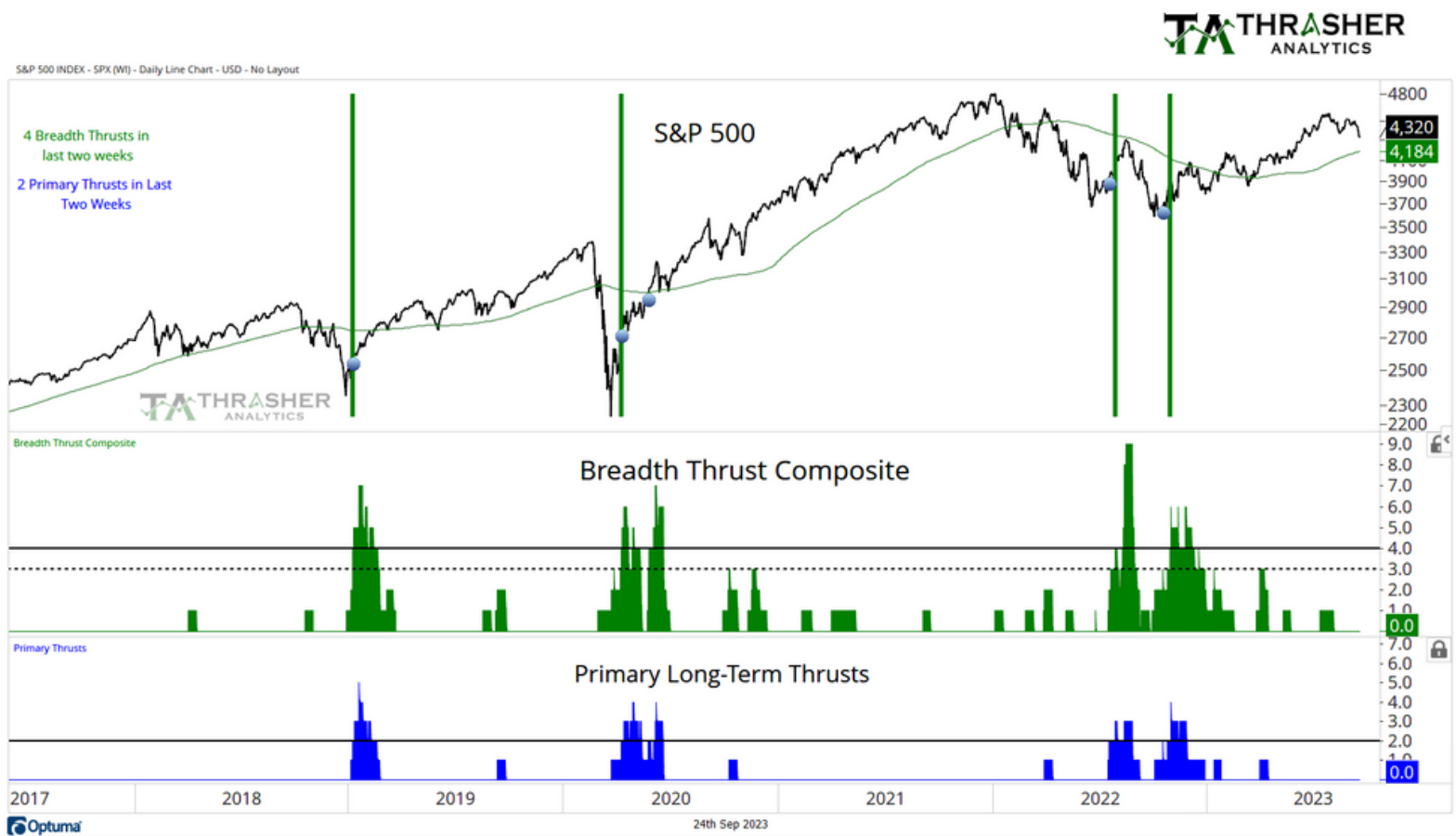


EQUITIES - BREADTH THRUSTS



I've added an add'l section of the breadth thrust composite chart, titled Primary Long-Term Thrusts. These are the handful of thrusts that are in the original composite that have the best track record and only have the highest bar to clear to signal. The original composite is still what 'feeds' the breadth category of the Maestro Model.

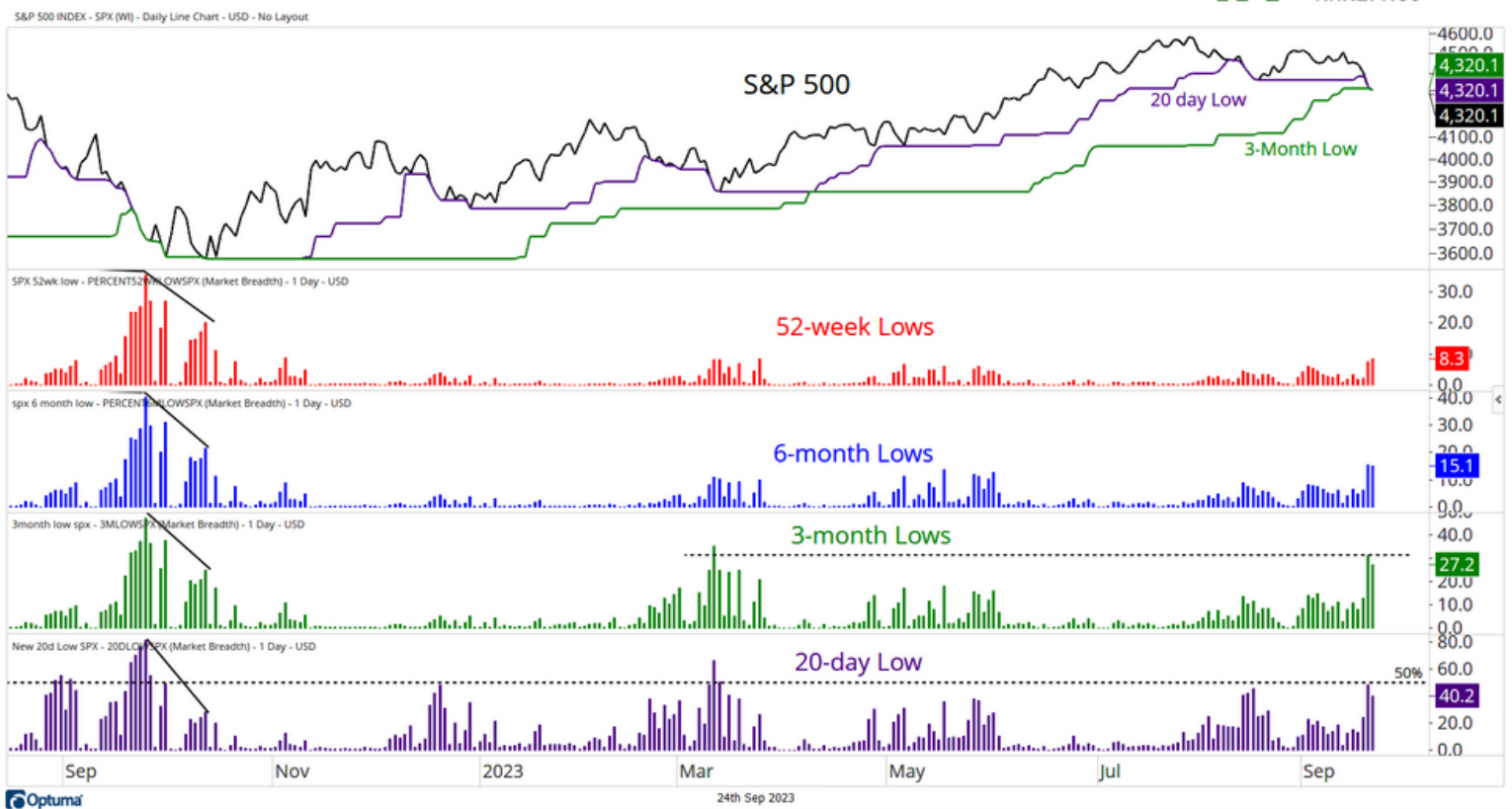
Thrust count is at zero.



EQUITIES - NEW LOWS



The new lows expanded last week, rising to roughly 30% of stocks making a 3-month low when the Index hit its own 3-month low, just slightly less than the amount in March. We still have less than 10% at a 52-week low and haven't breached 50% at a 20-day low. These are worsening levels but not yet dire.



EQUITIES - OVERSOLD BREADTH



I believe I last shared this chart in March when the net percentage of stocks that were “oversold” was nearing -25%. We didn’t quite get there; not sure we could have come any closer than we did! Today, we’re at -17.5%, not yet to -25% that would suggest a ‘washout’ amount of “oversold” breadth but the lowest reading in multiple months, which makes it notable.



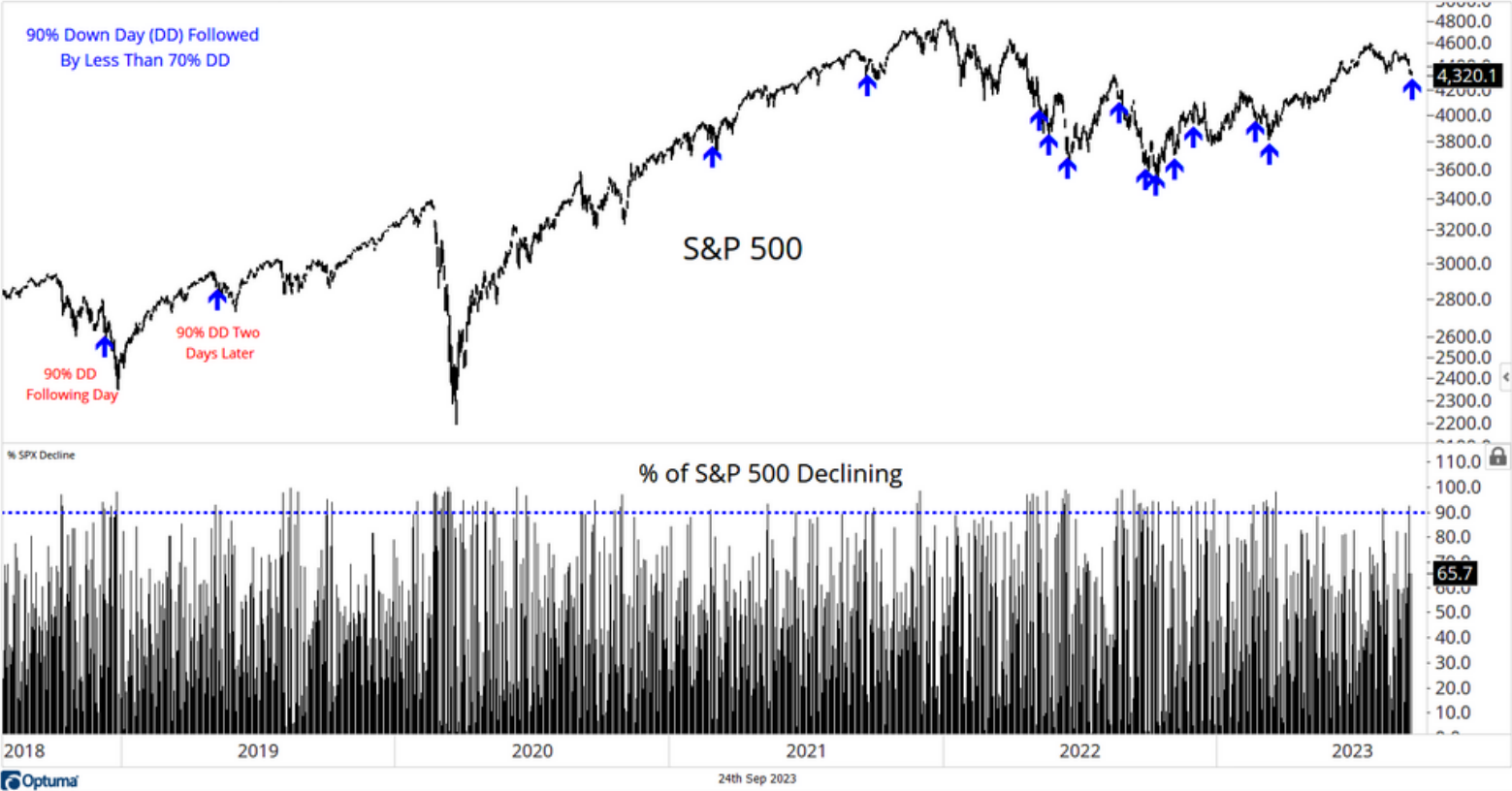
EQUITIES - 90% DOWN DAY



On Thursday, over 90% of stocks within the S&P 500 declined. This was then followed by another down day on Friday but only 65.7% of the Index moved lower. Historically, this has been a positive development, as shown by the blue arrows on the chart below. The few instances that didn't see at least a brief pop in the Index saw another 90% down day soon follow (2018 and 2019). The lack of downside follow-through on Friday suggests selling within individual equities may have begun to show signs of short-term exhaustion.



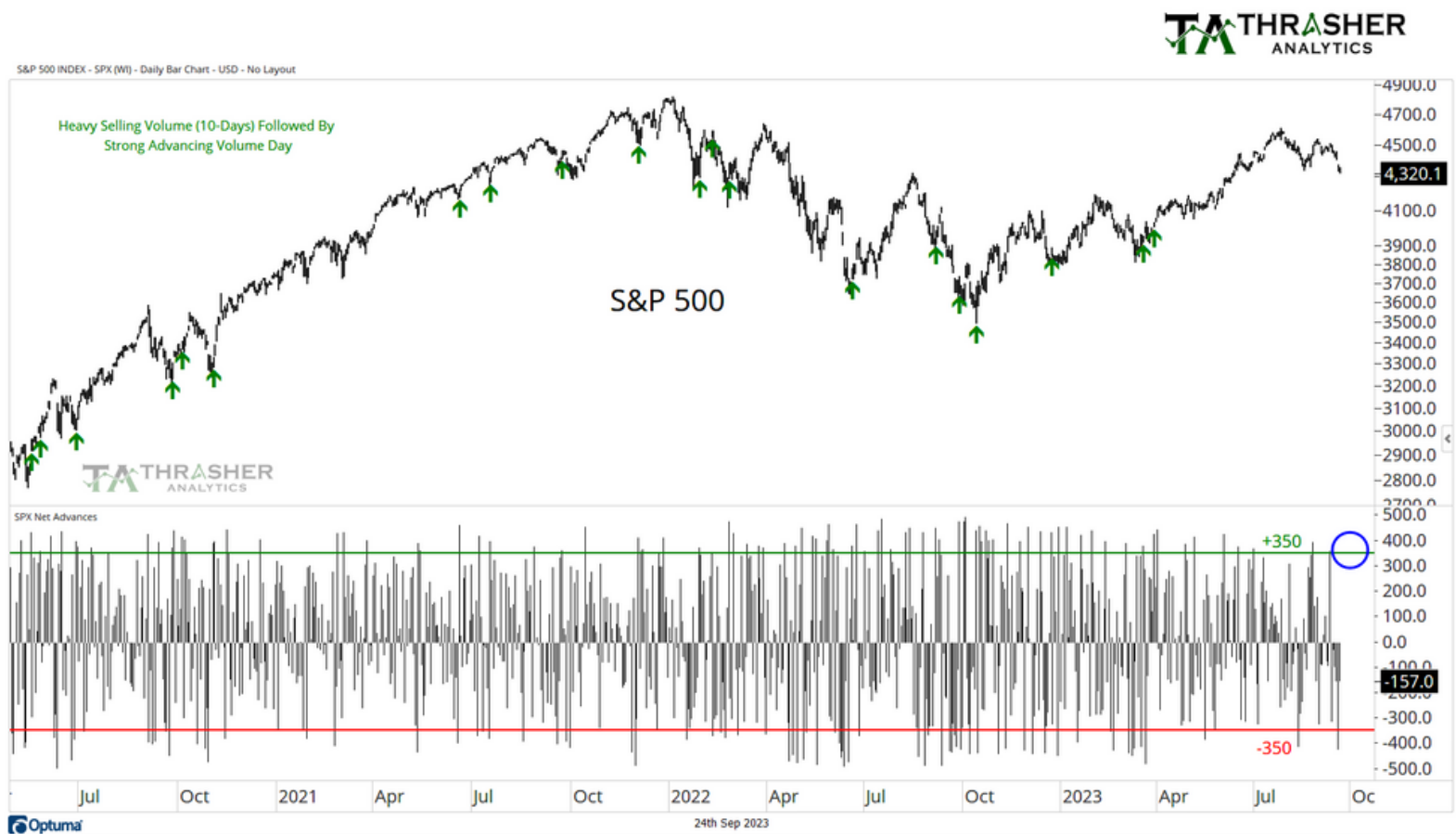
S&P 500 INDEX - SPX (W) - Daily Bar Chart - USD - No Layout



EQUITIES - SHORT-TERM POP



Over the last two weeks, selling pressure has been strong and this sets us up for a possible bounce should we see just one day of strong advancing volume. Below is a chart of the S&P 500 with green arrows of these types of bullish setups, along with the net daily advances shown in the bottom panel. From here, we want to see at least 350 of the S&P 500 stocks rise in the very near future to complete the setup.



EQUITIES - HEAD & SHOULDERS



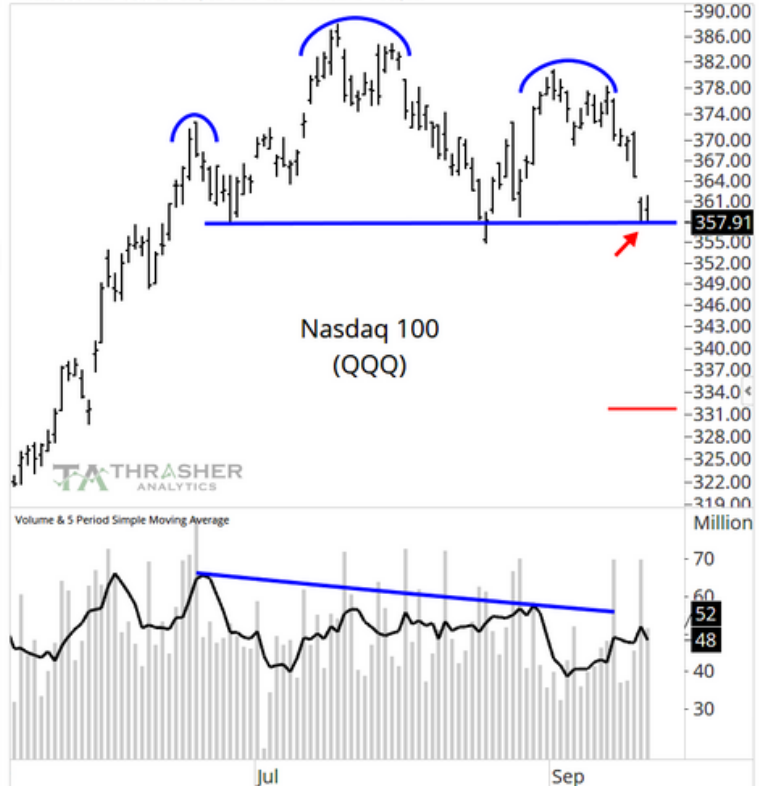
Earlier in the month I shared the possible setup of a Head & Shoulders top chart pattern in the S&P 500. I strongly noted that the pattern was irreverent until the neckline broke. The decline on Friday started that breaking process. While technical analysis is mix of science and art, the degree of the 'neckline' break leans on the art side of the ledger. We did indeed close below the prior lows that form the 'neck' but the break was just a few points. Also, we haven't gotten a break yet in the Nasdaq 100 Head & Shoulders top, with Friday's move closing just above the neck. Both SPY and QQQ have the volume characteristics of a H&S top and the measured moves would suggest a \$405 and \$331 target, respectively. If the 'necklines' are indeed broken, then Monday and Tuesday should see strong follow-through with supportive above-average volume to the downside. If not, then the June lows in SPY may still be viewed as support.



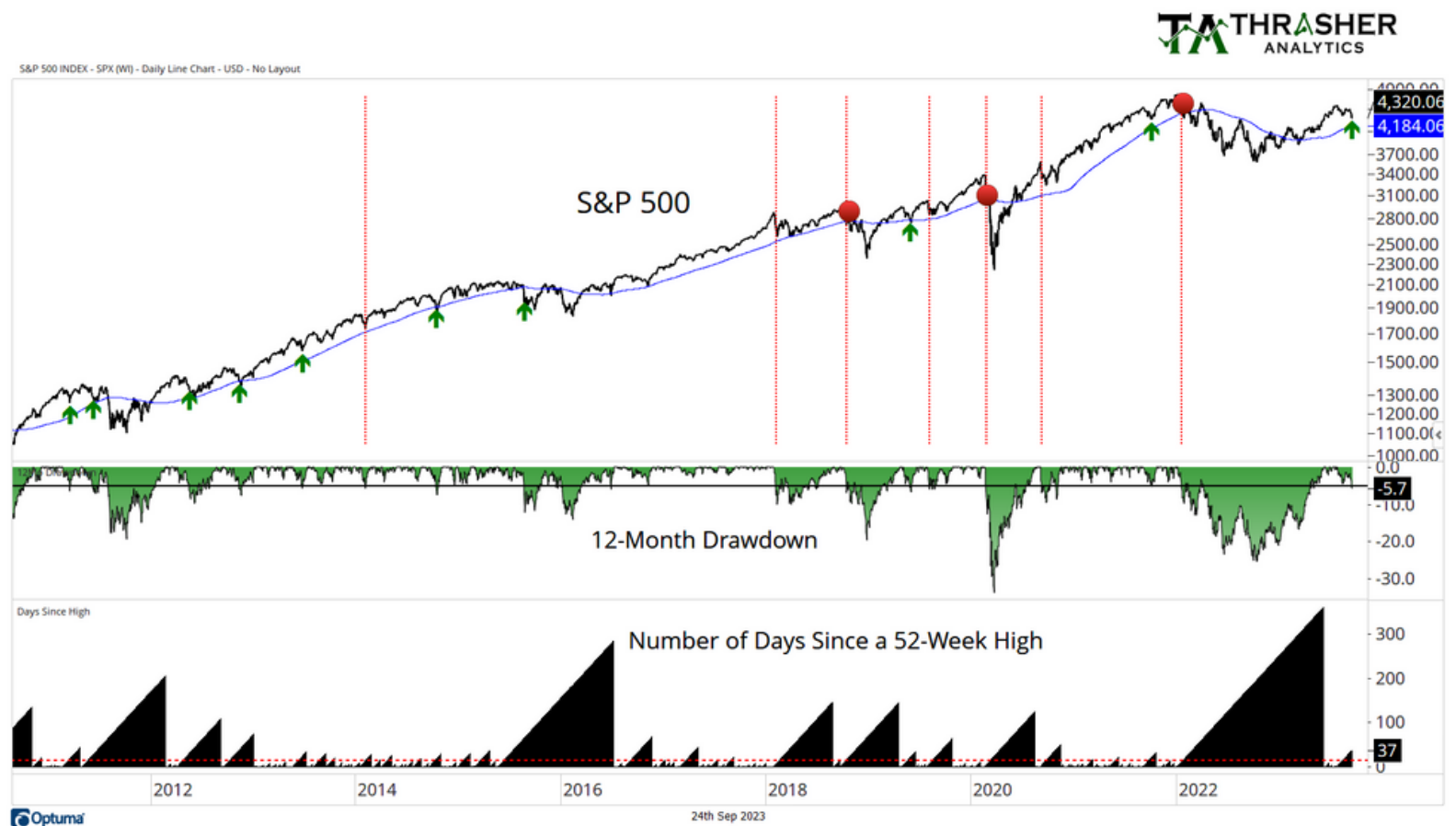
SPDR S&P 500 ETF - SPY (US) - Daily Bar Chart - USD - Price Returns - No Layout



Invesco QQQ Trust - QQQ (US) - Daily Bar Chart - USD - Price Returns - No Layout



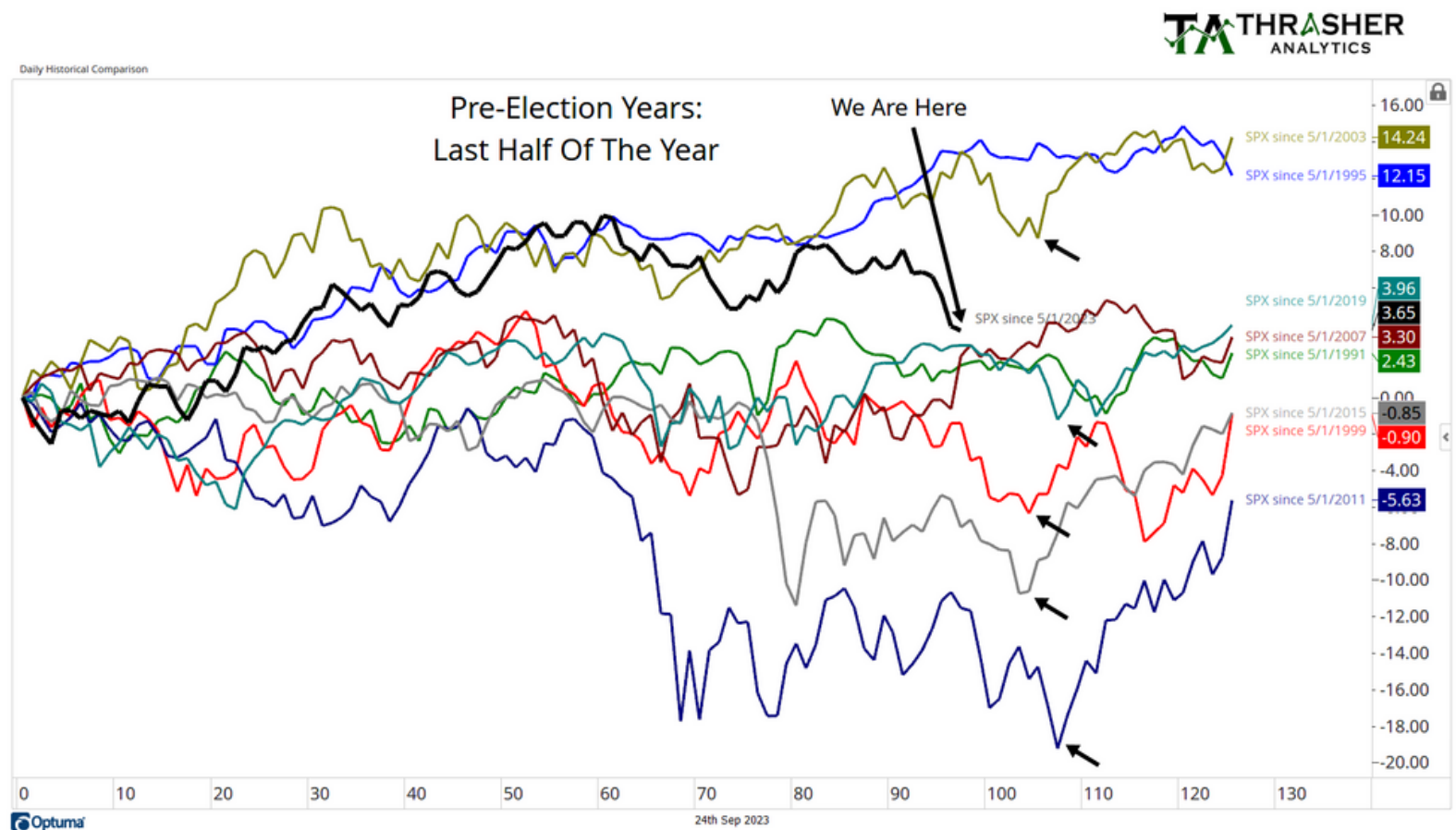
Earlier this month I wrote about how the market was moving close to a -5% decline, which brings into focus the topic of my Charles Dow Award winning paper, “The 5% Canary.” -5% didn’t develop at that time but it has now, with the S&P 500 closing lower by -5.7% as of Friday. The Index took 37 days to reach -5%, much longer than the 15 days I wrote about in my paper. This suggests that based on the duration of the decline, this -5% may not develop immediately into something substantial like what was signaled at the start of 2022, the Covid Crash, or Q4 2018. This doesn’t imply the market *must* bounce immediately but it suggests that selling pressure didn’t build up quick enough to full take control of the trend direction.



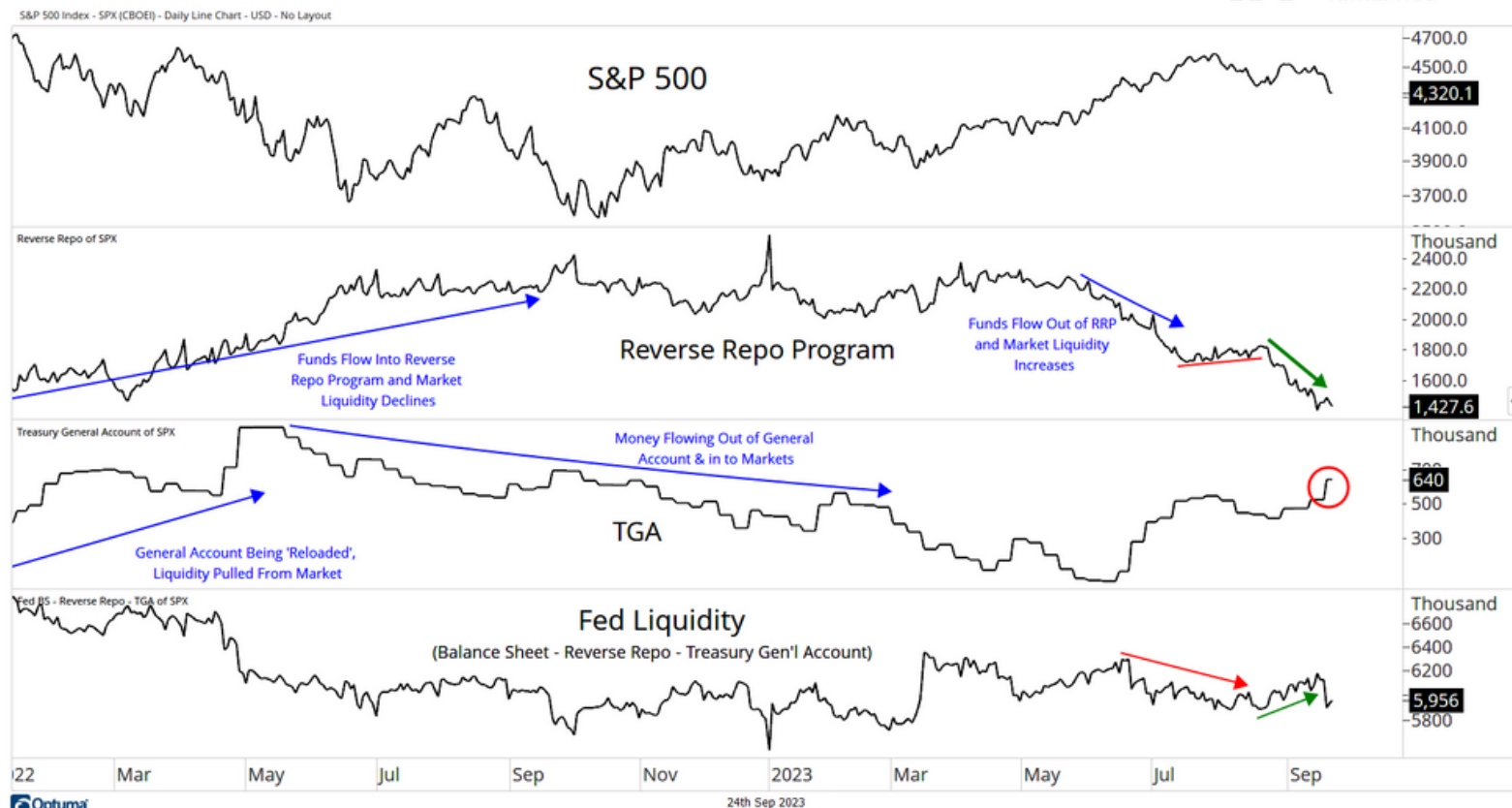
EQUITIES - SEASONALITY



Here we have another update on the pre-election seasonality for the S&P 500. We continue to track prior pre-election years and near the point in time where many of them began to strength and work towards a year-end rally. You can see with the black arrows that at around day 104-107 a low in price was found. We are currently on day 97, which means based on seasonality we could see another week or two of downside but it's important to remember that seasonal patterns aren't surgical, their precision isn't intended to be viewed to the exact day.



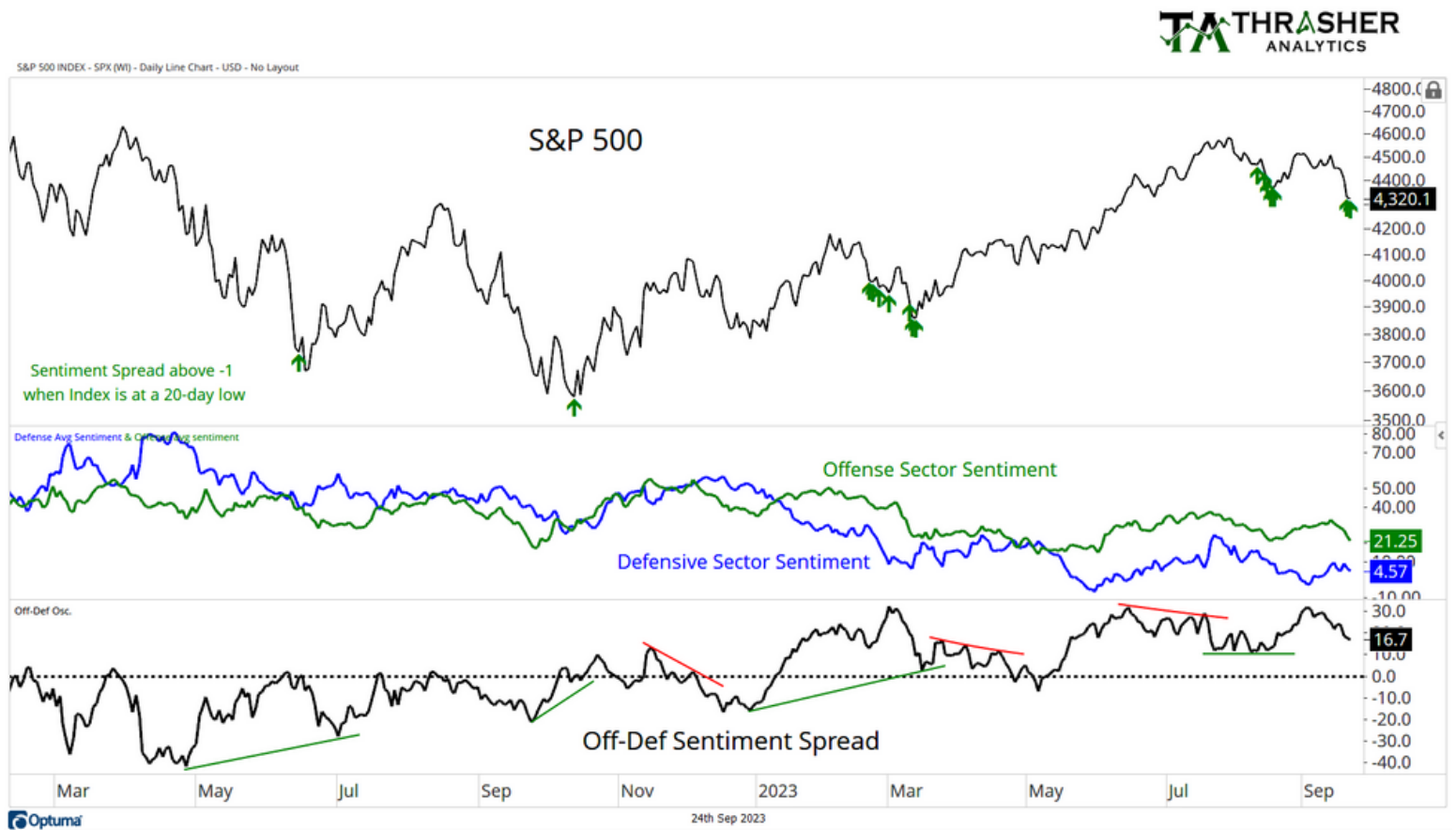
Banks have continued to pull from the RRP, supporting market liquidity but it was overtaken last week by a big pull from the Treasury General Account (noted by the red circle on the chart below). This caused Fed Liquidity to drop to a 1-month low last week.



EQUITIES - SECTOR SENTIMENT



Starting in August, we started seeing the negative divergence in sector sentiment as Offense sectors sentiment began to decline. Then a bullish Sentiment Spread signal developed when the Index hit a 20-day low and the Spread was still positive. September saw continued improvement in Defensive sector sentiment but last week began to decline along with Offense sector sentiment. Since the Spread is still positive at the latest 20-day low in the Index, we have another bullish Sentiment Spread signal hit on Thursday and Friday.



ETF FUND FLOW



Below is a table with fund flow data through Thursday of last week.



Daily - ETF Flows - Fund Flows Layout

Name	Ticker	Net Flows YTD	Net Flows 3 Month	Net Flows 1 Month	1 Month Flow % of AUM
- Bond ETFs					
iShares 10-20 Year Treasury Bond ETF	TLH	1,692,433,128	-676,918,108	325,351,730	4.60%
iShares 20+ Year Treasury Bond ETF	TLT	15,495,157,492	3,892,664,297	82,166,695	0.22%
iShares 7-10 Year Treasury Bond ETF	IEF	6,367,794,915	335,242,404	45,677,677	0.16%
iShares 1-3 Year Treasury Bond ETF	SHY	-1,638,103,809	-1,214,403,554	-23,620,019	-0.09%
iShares 3-7 Year Treasury Bond ETF	IEI	1,590,477,062	620,282,624	-67,344,010	-0.51%
iShares iBoxx \$ Investment Grade Corporate Bond ETF	LQD	-2,914,818,968	-3,410,407,487	-880,305,107	-2.79%
iShares TIPS Bond ETF	TIP	-1,440,063,930	299,680,747	-696,867,293	-3.29%
- SPDR Equity ETFs					
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	2,131,822,148	1,342,932,437	1,378,020,284	7.68%
SPDR Utilities Select Sector Fund ETF	XLU	4,323,183	-551,218,128	269,174,234	1.84%
SPDR Energy Select Sector Fund ETF	XLE	-3,014,753,768	937,507,394	149,382,343	0.39%
SPDR S&P 500 ETF	SPY	-4,894,052,433	-8,830,064,077	1,302,800,714	0.33%
SPDR Consumer Staples Select Sector Fund ETF	XLP	483,350,559	-111,188,718	18,011,764	0.11%
SPDR Technology Select Sector Fund ETF	XLK	-2,270,693,907	409,642,771	-44,708,914	-0.09%
SPDR Industrial Select Sector Fund ETF	XLI	918,216,624	483,093,185	-68,893,757	-0.47%
SPDR Real Estate Select Sector Fund ETF	XLRE	-432,003,720	19,493,935	-25,231,502	-0.60%
SPDR Health Care Select Sector Fund ETF	XLV	-1,519,376,010	-1,350,173,134	-579,934,794	-1.49%
SPDR Materials Select Sector Fund ETF	XLB	37,807,668	-370,613,149	-94,685,674	-1.79%
SPDR Communication Services Select Sector ETF	XLC	2,388,188,388	519,526,440	-729,573,065	-5.42%
SPDR Financial Select Sector Fund ETF	XLF	262,681,069	-1,393,216,046	-1,755,767,657	-5.60%

SECTOR - PERFORMANCE



Daily - Performance - No Layout

Ticker	Name	2023	YTD Rel% to SPX	1W %	1M %	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA
- Index		AVG: -2.04%			AVG: 8.20%			AVG: 21.11%			AVG: -4.25%	
DJI	Dow Jones Industrial Average	2.46%	-8.93%	-1.89%	-0.95%	0.05%	6.04%	4.81%	18.50%	-1.75%	-2.43%	0.49%
MID	S&P Midcap 400 Index	2.68%	-8.74%	-2.80%	-2.84%	-1.91%	4.10%	9.02%	14.16%	-3.43%	-5.30%	-2.04%
SPX	S&P 500 INDEX	12.52%	0.00%	-2.93%	-1.54%	-1.41%	9.73%	6.23%	23.73%	-2.99%	-3.46%	3.25%
NDY	NASDAQ 100 Index	34.38%	19.43%	-3.30%	-1.39%	-2.27%	16.98%	7.73%	40.81%	-3.54%	-3.80%	9.47%
SML	S&P SmallCap 600 Index	-0.96%	-11.97%	-3.37%	-3.94%	-3.32%	0.75%	13.21%	8.37%	-3.87%	-6.27%	-4.34%
- Sectors		AVG: -5.32%			AVG: 9.69%			AVG: 20.67%			AVG: -3.57%	
XLV	SPDR Health Care Select Sector Fund ETF	-4.20%	-14.85%	-1.54%	-2.29%	-1.73%	3.46%	8.20%	8.50%	-1.80%	-2.49%	-1.60%
XLU	SPDR Utilities Select Sector Fund ETF	-10.23%	-20.21%	-2.54%	0.03%	-4.11%	-1.66%	14.23%	4.87%	-0.34%	-2.03%	-5.64%
XLP	SPDR Consumer Staples Select Sector Fund ETF	-5.92%	-16.38%	-2.65%	-2.75%	-5.56%	-2.62%	9.87%	5.99%	-2.46%	-4.52%	-5.28%
XLK	SPDR Technology Select Sector Fund ETF	32.12%	17.42%	-2.66%	-2.09%	-3.57%	14.77%	9.40%	45.53%	-4.02%	-4.47%	7.46%
XLC	SPDR Communication Services Select Sector ETF	36.74%	21.53%	-2.80%	0.14%	2.21%	18.32%	5.20%	46.28%	-2.11%	-1.99%	10.38%
XLE	SPDR Energy Select Sector Fund ETF	2.10%	-9.25%	-2.93%	1.99%	14.62%	13.51%	5.70%	30.08%	-1.43%	1.42%	5.39%
XLI	SPDR Industrial Select Sector Fund ETF	3.65%	-7.88%	-3.06%	-3.84%	-2.19%	5.17%	8.40%	23.01%	-3.79%	-5.32%	-0.66%
XLF	SPDR Financial Select Sector Fund ETF	-1.58%	-12.53%	-3.36%	0.12%	2.37%	7.82%	9.28%	13.75%	-2.25%	-2.85%	-0.97%
XLB	SPDR Materials Select Sector Fund ETF	0.89%	-10.33%	-4.09%	-2.97%	-2.43%	2.74%	8.77%	17.23%	-3.91%	-5.03%	-3.04%
XLRE	SPDR Real Estate Select Sector Fund ETF	-6.39%	-16.80%	-6.03%	-3.95%	-4.63%	-0.75%	18.10%	4.36%	-5.19%	-6.86%	-7.90%
XLY	SPDR Consumer Discretionary Select Sector Fund	24.60%	10.74%	-6.32%	-2.33%	-3.86%	13.18%	9.49%	27.72%	-4.75%	-5.12%	5.03%

SECTOR - RELATIVE STRENGTH



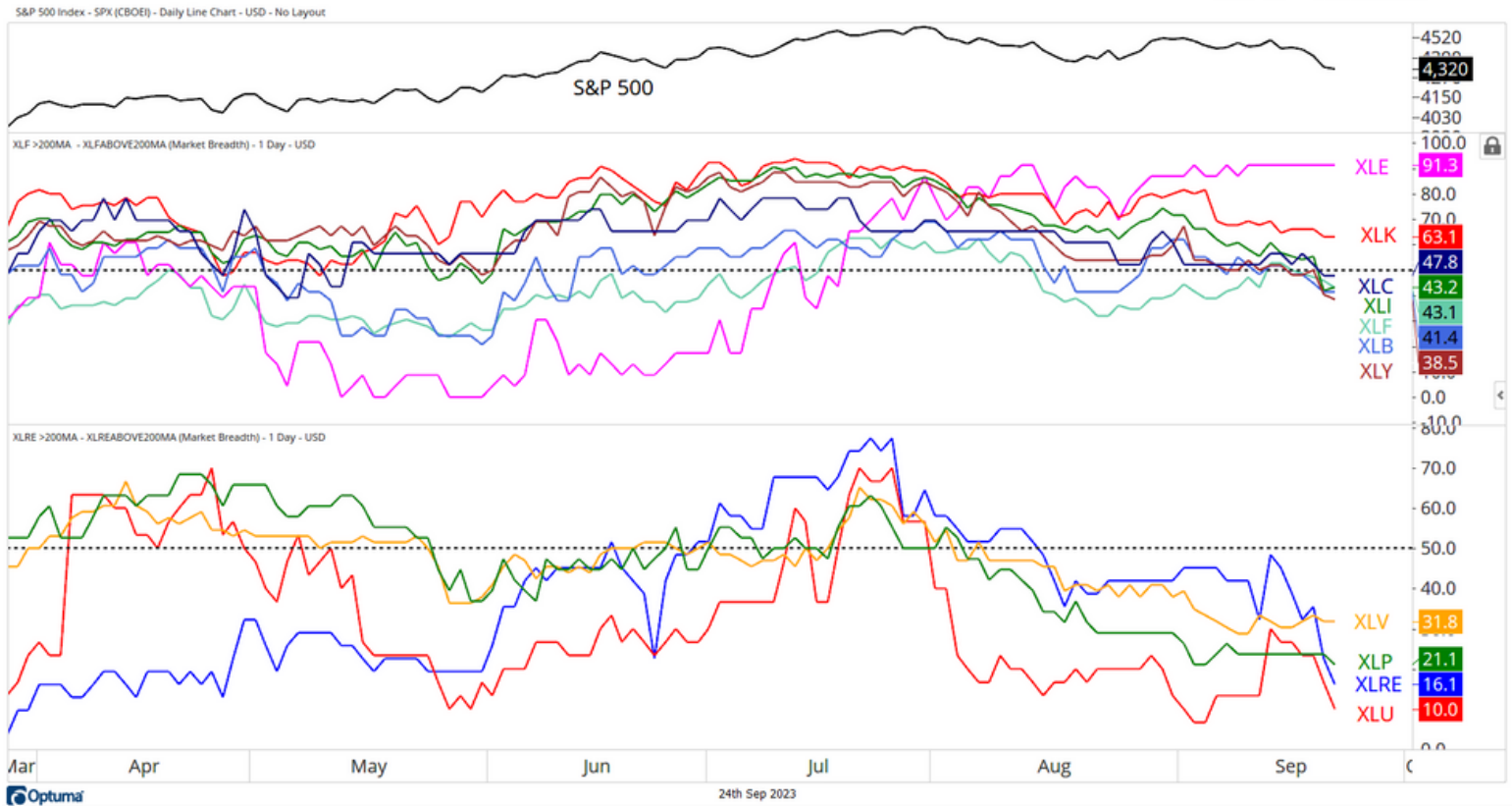
Below is a look at each sector's relative performance trend against the S&P 500.



SECTOR - BREADTH 200-MA



Big shift over the last week, with now just two sectors (XLE and XLK) with more than half of stocks above the 200-day moving average.



DAILY SENTIMENT INDEX



Daily - DSI - No Layout

Code	% Bullish ^	5-day MA	History
Swiss Franc DSI	9	11	
Yen DSI	10	12	
VIX DSI	12	15	
Euro DSI	13	18	
Australian Dollar DSI	15	18	
Gold DSI	16	19	
Coffee DSI	17	26	
British Pound DSI	17	25	
New Zealand Dollar DSI	18	20	
Natural Gas DSI	18	20	
Lumber DSI	18	16	
10Y DSI	18	18	
5YR DSI	18	20	
Wheat DSI	19	18	
Corn DSI	19	15	
Copper DSI	19	23	
Silver DSI	22	20	
EuroDollar DSI	24	25	
Palladium DSI	25	29	

Daily - DSI - No Layout

Code	% Bullish ^	5-day MA	History
Bitcoin DSI	30	36	
Soybean DSI	40	42	
Nasdaq DSI	40	51	
Lean Hog DSI	42	51	
Platinum DSI	43	46	
SPX DSI	44	56	
Cotton DSI	55	58	
Nikkei DSI	61	64	
Gasoline DSI	64	73	
Cocoa DSI	69	71	
Mexican Peso DSI	75	77	
Heating Oil DSI	77	79	
Cattle DSI	77	76	
Sugar DSI	81	83	
CRB Index DSI	82	85	
Orange Juice DSI	85	88	
Crude Oil DSI	85	87	
US Dollar DSI	88	85	

Type Code or Name to add an item to the watchlist

Source: trade-futures.com

DAILY SENTIMENT INDEX



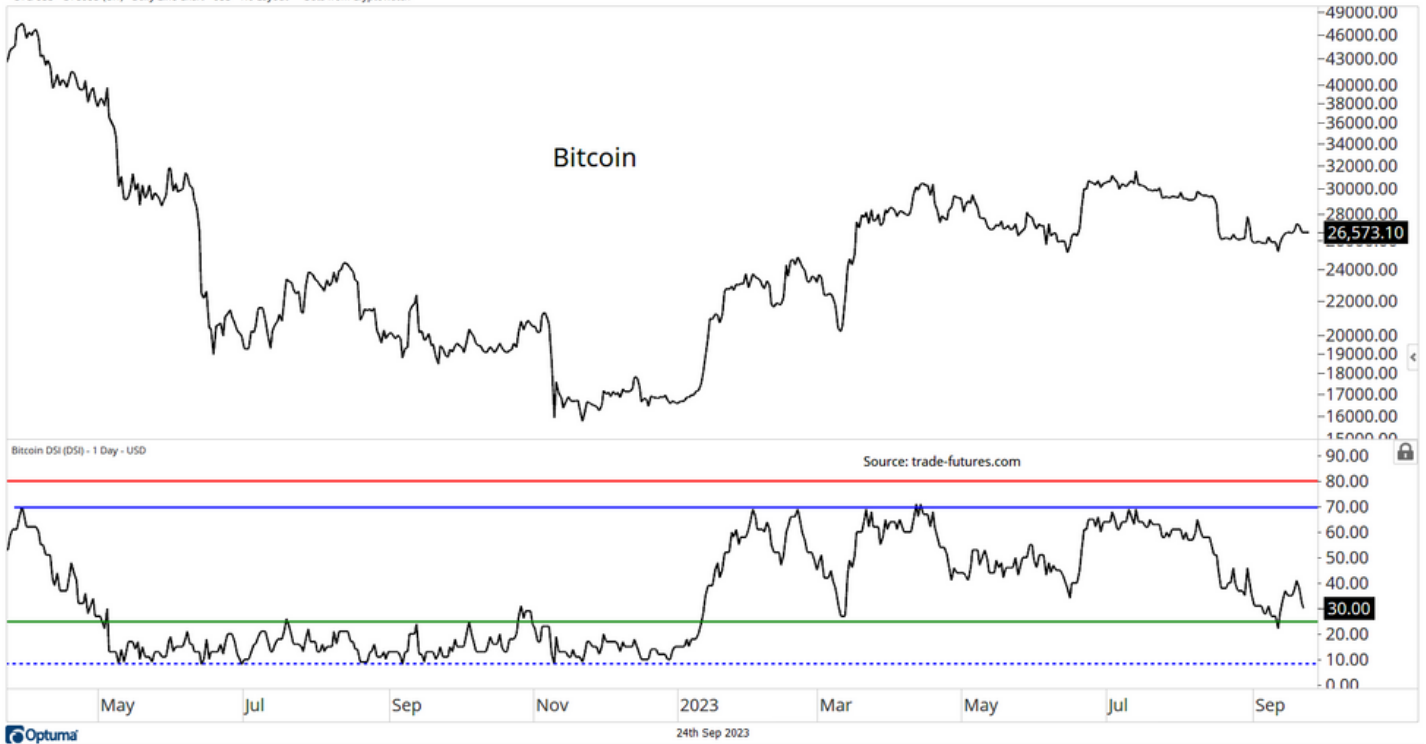
TA THRASHER
ANALYTICS

10 Year US Treasury Note - TYSpot (AFUT) - Daily Line Chart - USD - No Layout



TA THRASHER
ANALYTICS

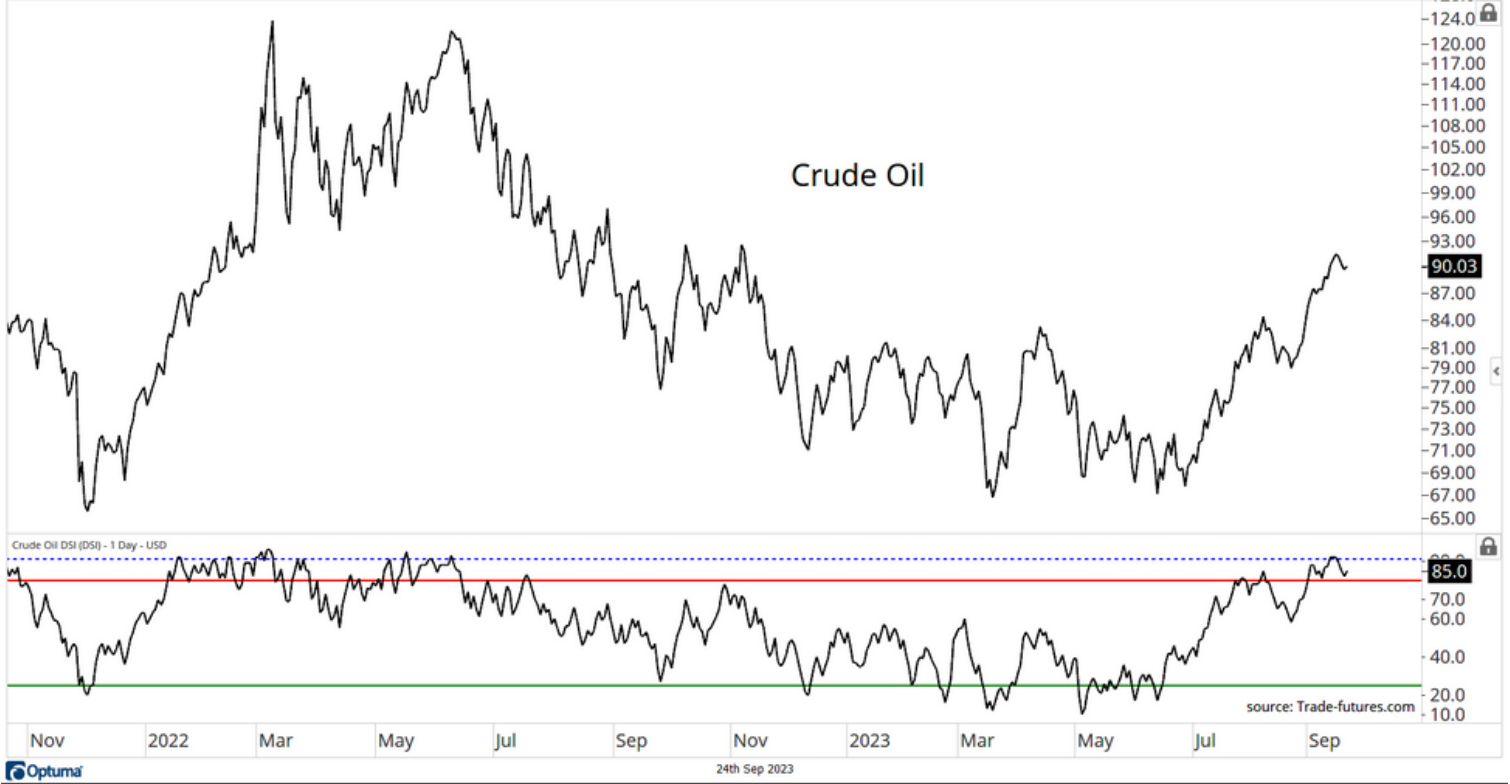
BTC/USD - BTCUSD (CW) - Daily Line Chart - USD - No Layout --- Data from Cryptowatch



DAILY SENTIMENT INDEX



Crude Oil Light Sweet NYMEX - OILSW (W) - Daily Line Chart - USD - No Layout



Gold Futures - GC2Spot (AFUT) - Daily Line Chart - USD - No Layout



DAILY SENTIMENT INDEX



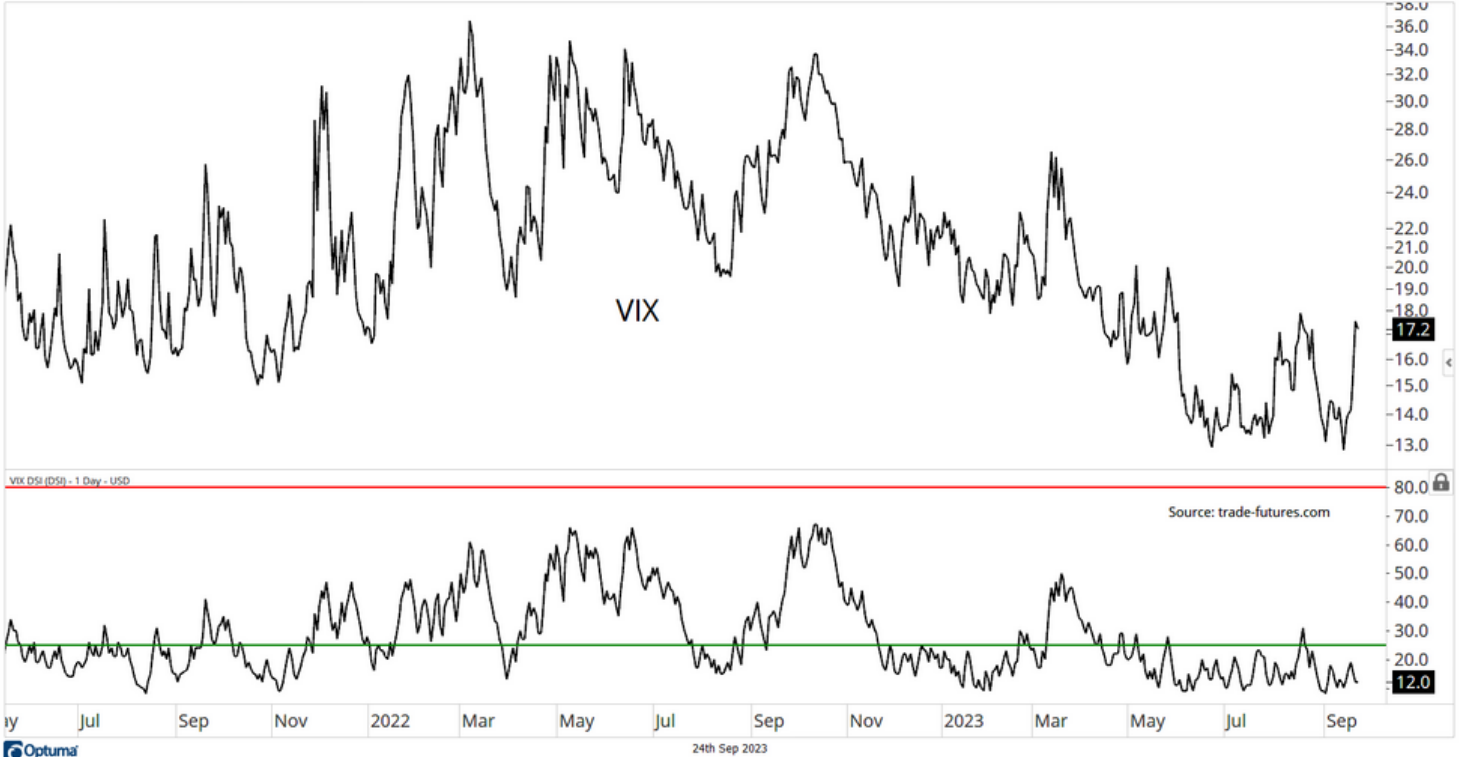
TA THRASHER
ANALYTICS

U.S. Dollar Index - DXYSpot (AFUT) - Daily Line Chart - USD - No Layout



TA THRASHER
ANALYTICS

CBOE S&P 500 Volatility Index - VIX (CBOE) - Daily Line Chart - USD - No Layout



DAILY SENTIMENT INDEX



TA THRASHER
ANALYTICS

S&P 500 Index - SPX (CBOE) - Daily Line Chart - USD - No Layout



TA THRASHER
ANALYTICS

NASDAQ 100 Index - NDY (WT) - Daily Line Chart - USD - No Layout

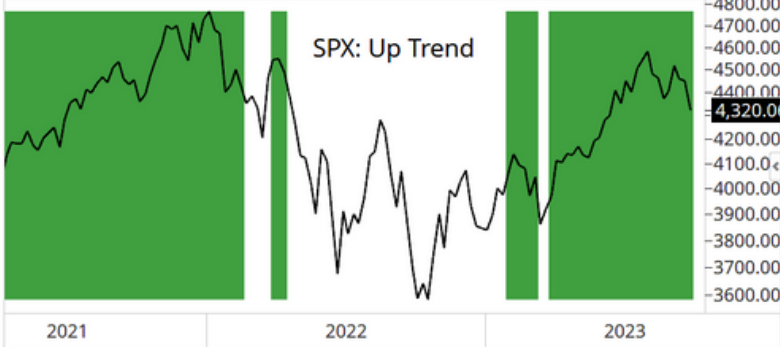


TREND MODELS

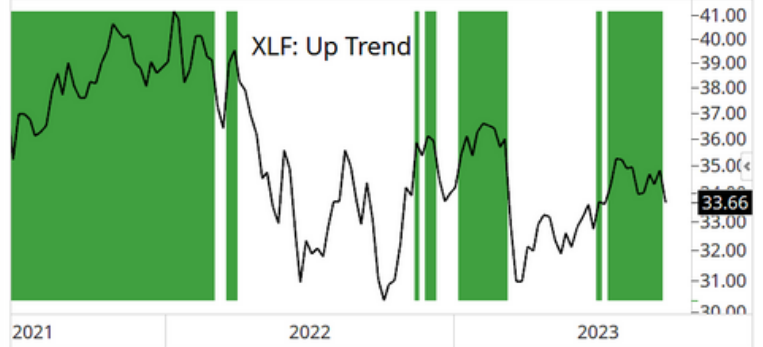


TA THRASHER
ANALYTICS

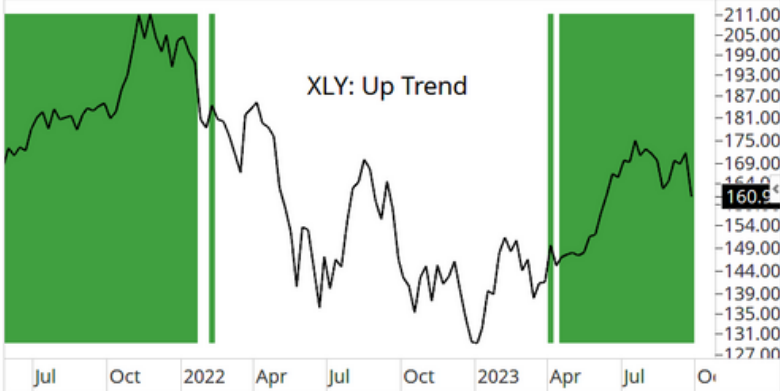
S&P 500 INDEX - SPX (W) - Weekly Line Chart - USD - No Layout



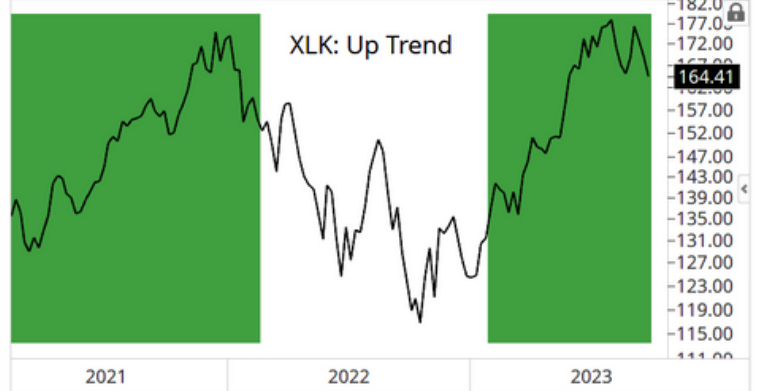
SPDR Financial Select Sector Fund ETF - XLF (US) - Weekly Line Chart - USD - Price Returns - No Layout



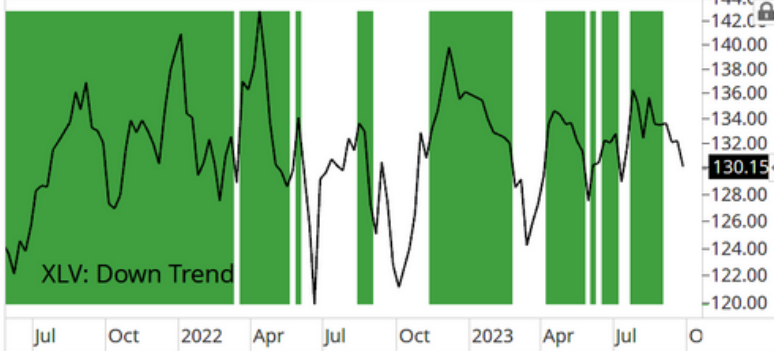
SPDR Consumer Discretionary Select Sector Fund ETF - XLY (US) - Weekly Line Chart - USD - Price Returns - No Layout



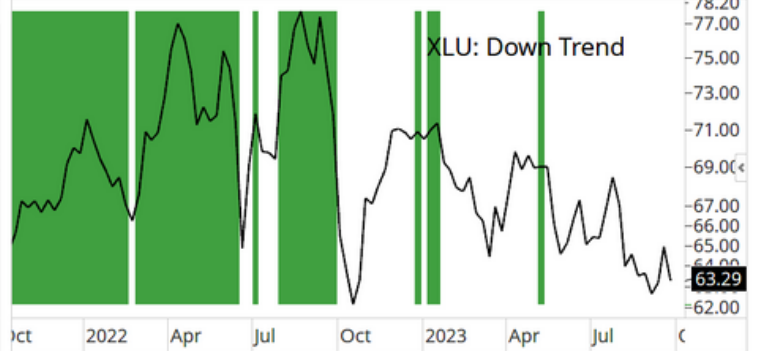
SPDR Technology Select Sector Fund ETF - XLK (US) - Weekly Line Chart - USD - Price Returns - No Layout



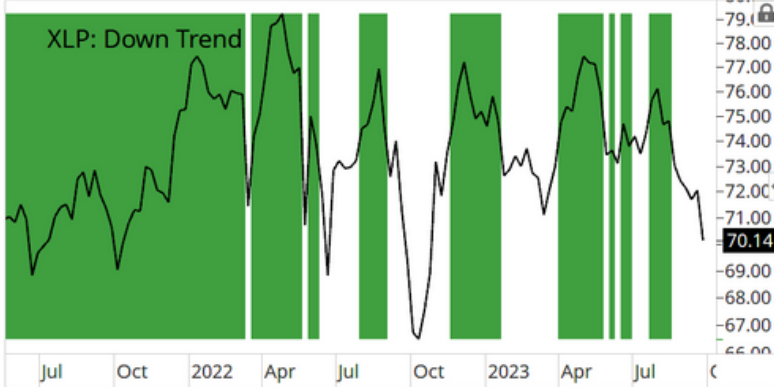
SPDR Health Care Select Sector Fund ETF - XLV (US) - Weekly Line Chart - USD - Price Returns - No Layout



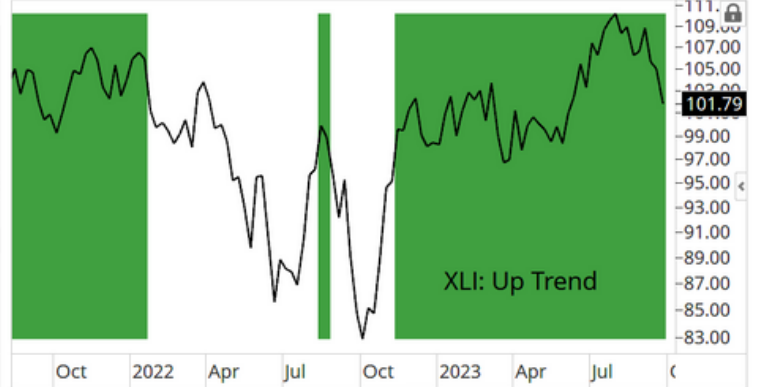
SPDR Utilities Select Sector Fund ETF - XLU (US) - Weekly Line Chart - USD - Price Returns - No Layout



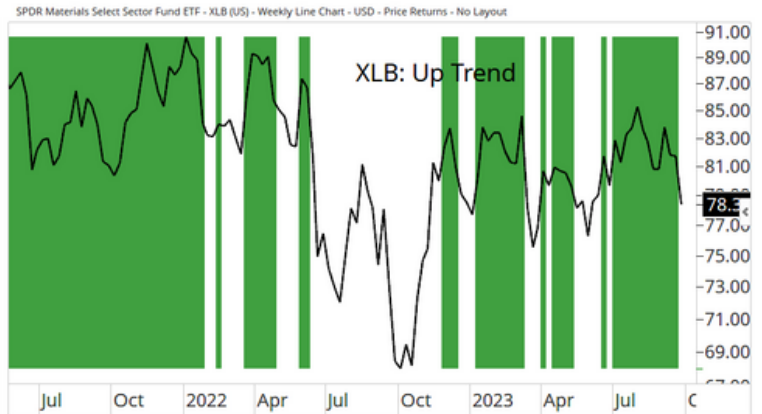
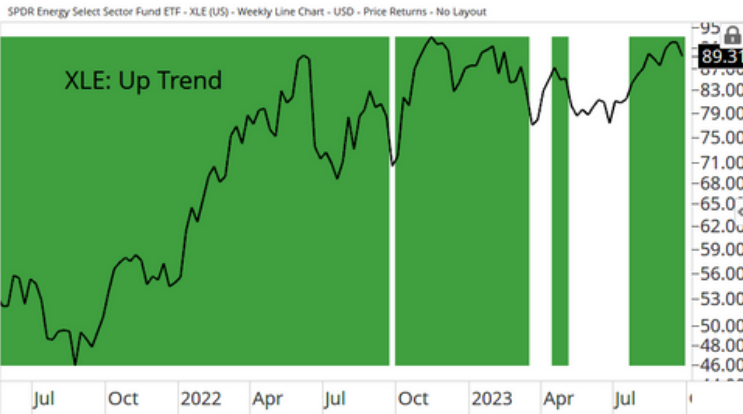
SPDR Consumer Staples Select Sector Fund ETF - XLP (US) - Weekly Line Chart - USD - Price Returns - No Layout



SPDR Industrial Select Sector Fund ETF - XLI (US) - Weekly Line Chart - USD - Price Returns - No Layout



TREND MODELS



24th Sep 2023

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<http://thrasheranalytics.com/terms-of-service-agreement>.