

# TAA THRASHER ANALYTICS

JANUARY 21, 2024



WEEKLY RESEARCH & ANALYSIS

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## SUMMARY OF MODELS

	Current	Wkly Change
Maestro Model	11	Decreasing
Volatility Risk Trigger	72	Unchaged
Risk Appetite Ratios	59	Increasing
S&P 500 Long-Term Trend	Up	Unchaged

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Volatility

Equities

Maestro Model

Sector Sentiment

Sectors & Commodity

Sentiment

Trend Models

### Sector Rotation: January

Financial	XLF
Real Estate	XLRE
Communications	XLC

### Maestro Model

Trend / Momentum	4
Sentiment / VIX	1
Breadth	2
Economic	2
<b>Total</b>	<b>11</b>

(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	73%	66%
Nasdaq 100	81%	75%
Nikkei	70%	72%
VIX	26%	32%
10yr Treasury	55%	59%
5yr Treasury	56%	61%
CRB Index	56%	54%
Crude Oil	52%	47%
Gold	66%	62%
U.S. Dollar	70%	68%
Bitcoin	61%	62%

\*Green<25% Red>80%

source: trade-futures.com

## Brief Summary:

The S&P 500 made another new 52-week high on Friday but it's accomplishing this with very little support. Breadth peaked back in December and the new high lists continues to decline. Many sectors are in down trends for relative performance while equal-weight S&P 500 is negative YTD, despite the cap weight index being up about 1.5%. I wrote last week about the growing list of divergences, which are still there today. The latest development that isn't great news for bulls right now is the inching higher by the VIX. It made a 1-month high on Weds. and we continue to have a VRT signal.

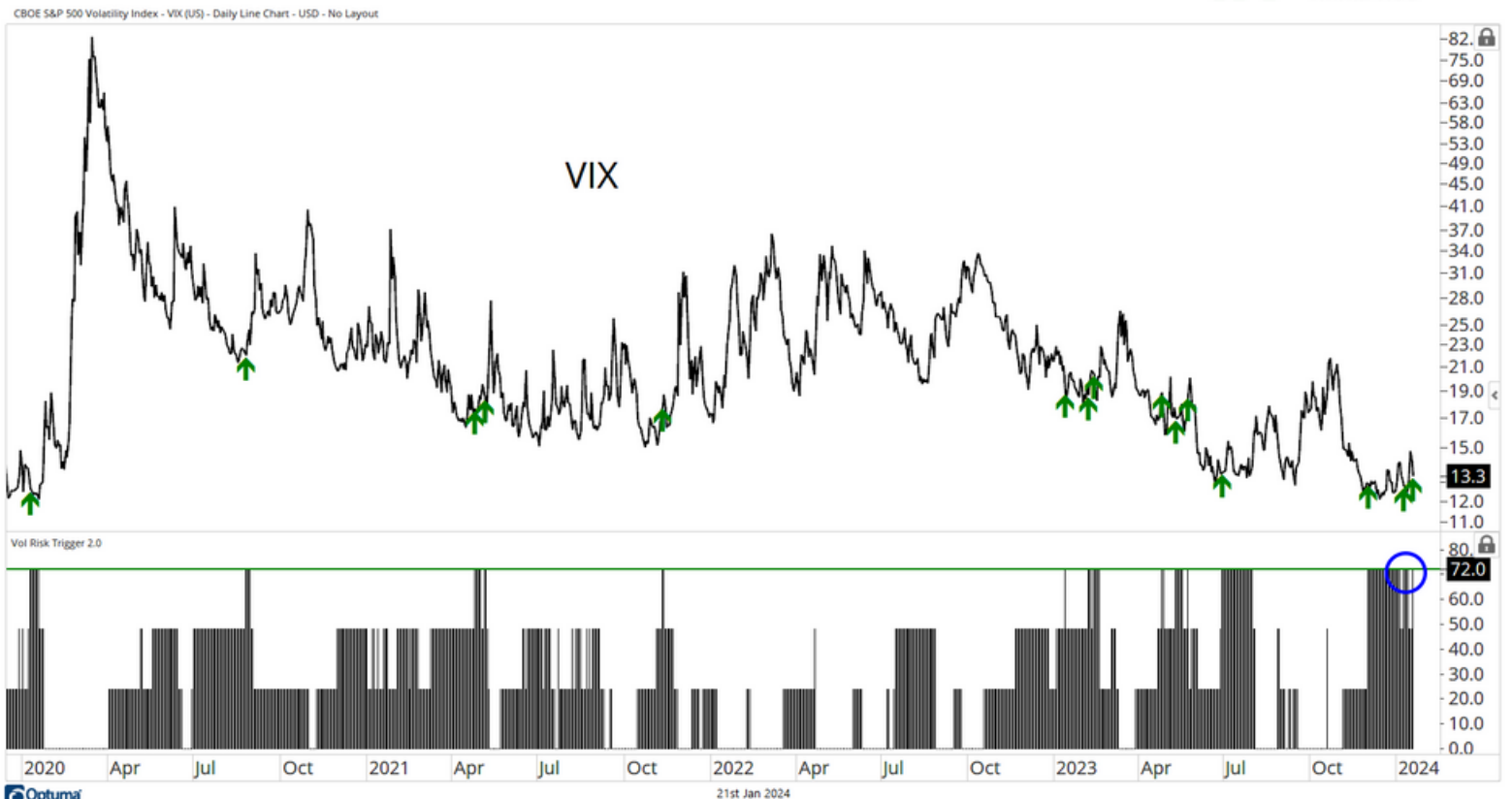
I wrote last week about the decline in sector correlation. At the time, it was at 0.489 and now it's fallen to 0.2. All that matters to the market right now is how a group of tech/comm. stocks are trading. My friend Tom Thornton shared over the weekend that the weekly chart of the S&P 500 put in a Demark Sequential 13 Sell Signal, which is the first to be produced since January 2022.

Not a ton of news this week, we'll get GDP on Thursday and continue to move through Q4 earnings season reports.

# VOLATILITY: VRT



VIX has been inching higher and VRT remains at a signal level.



# VOLATILITY: TOP & ENVIRONMENT



VIX has been making slight higher-highs but is still in a Low Volatility Environment.



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

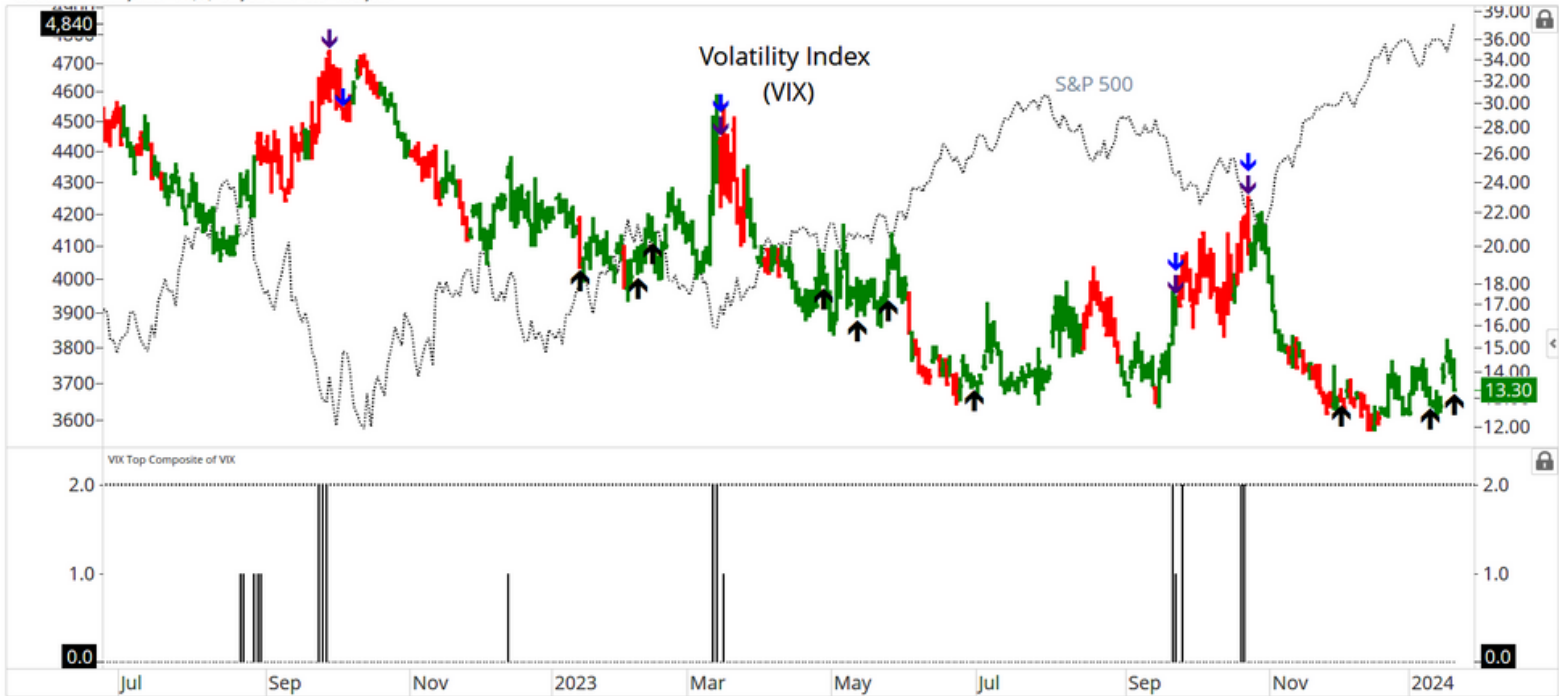


Chart Legend

- Low Volatility Environment
- High Volatility Environment
- Aggressive Peak Volatility Signal
- Conservative Peak Volatility Signal
- VIX Risk Trigger Signal



21st Jan 2024

# VOLATILITY - CURVE



We remain in a firm contango curve for volatility.



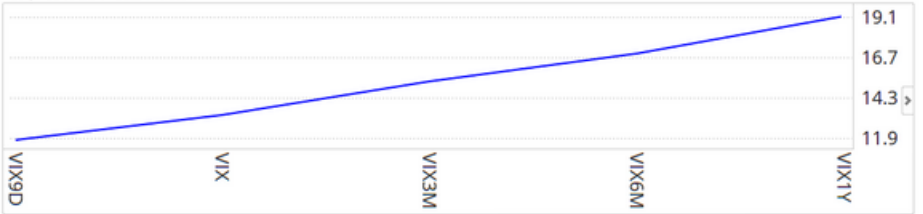
Daily - Watchlist - No Layout

Name	Ticker	Last	1yr %Tile
CBOE S&P 500 Short Term Volatility Index	VIX9D	11.82	0.0943
CBOE S&P 500 Volatility Index	VIX	13.30	0.0851
CBOE S&P 500 3-Month Volatility Index	VIX3M	15.26	0.0544
CBOE Mid-Term Volatility Index	VIX6M	16.94	0.0225
CBOE S&P 500 One-Year Volatility Index	VIX1Y	19.18	0.0012

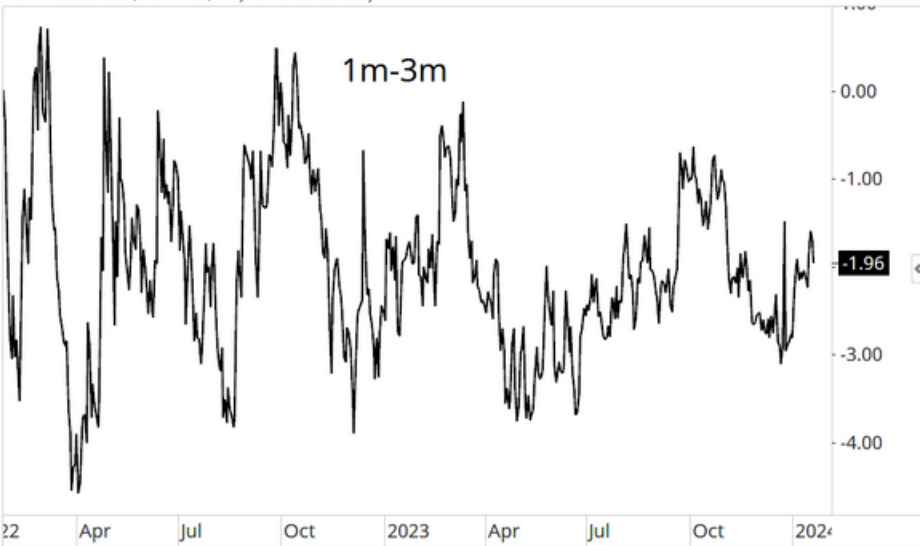
CBOE S&P 500 Short Term Volatility Index - VIX9D (US) - Daily Line Chart - USD - No Layout



Daily - Curve Chart Date: 1/19/2024



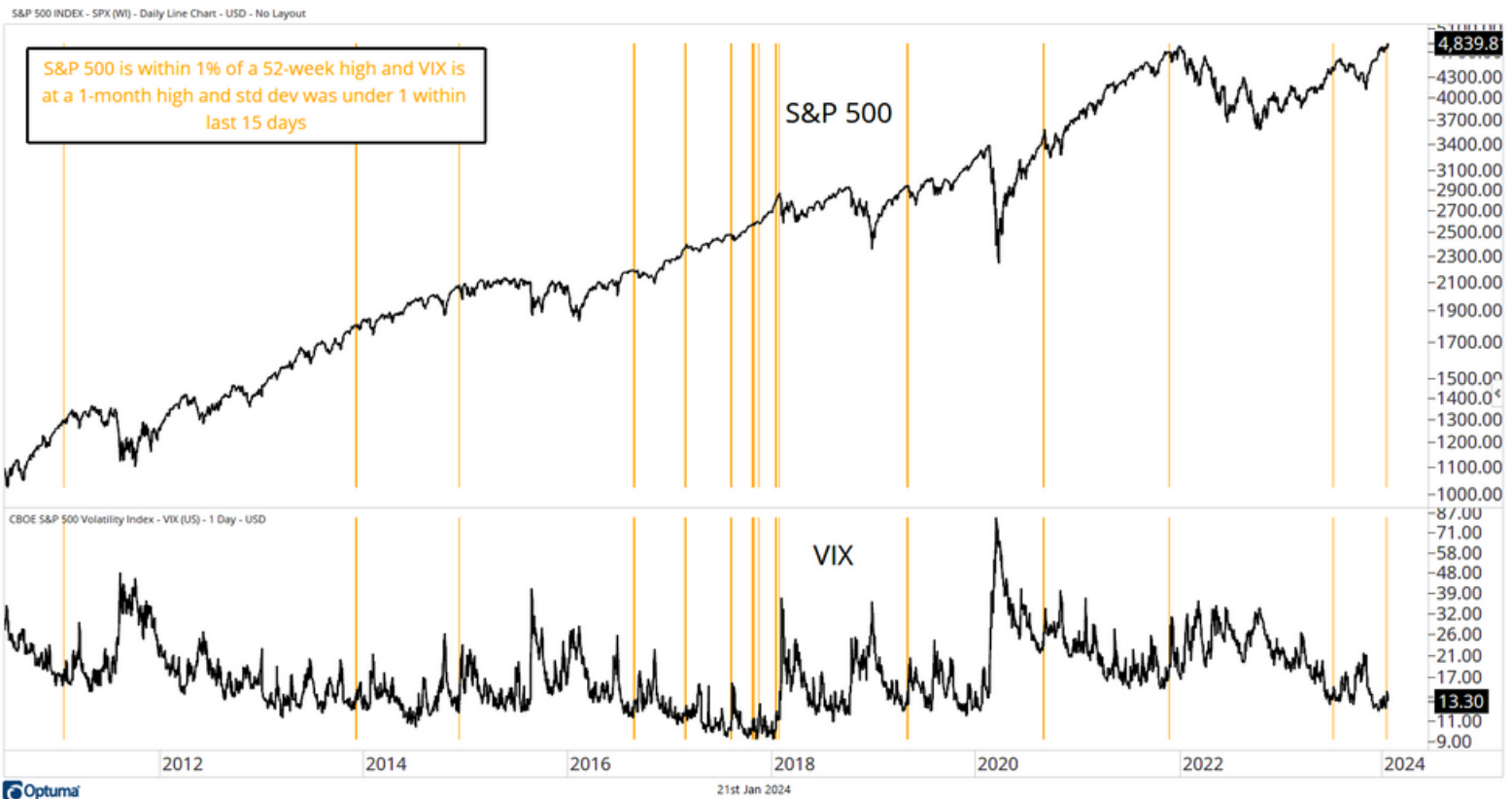
VIX Minus VIX - VIX-VIX (Custom Codes) - Daily Line Chart - USD - No Layout



# VOLATILITY - CORRELATION



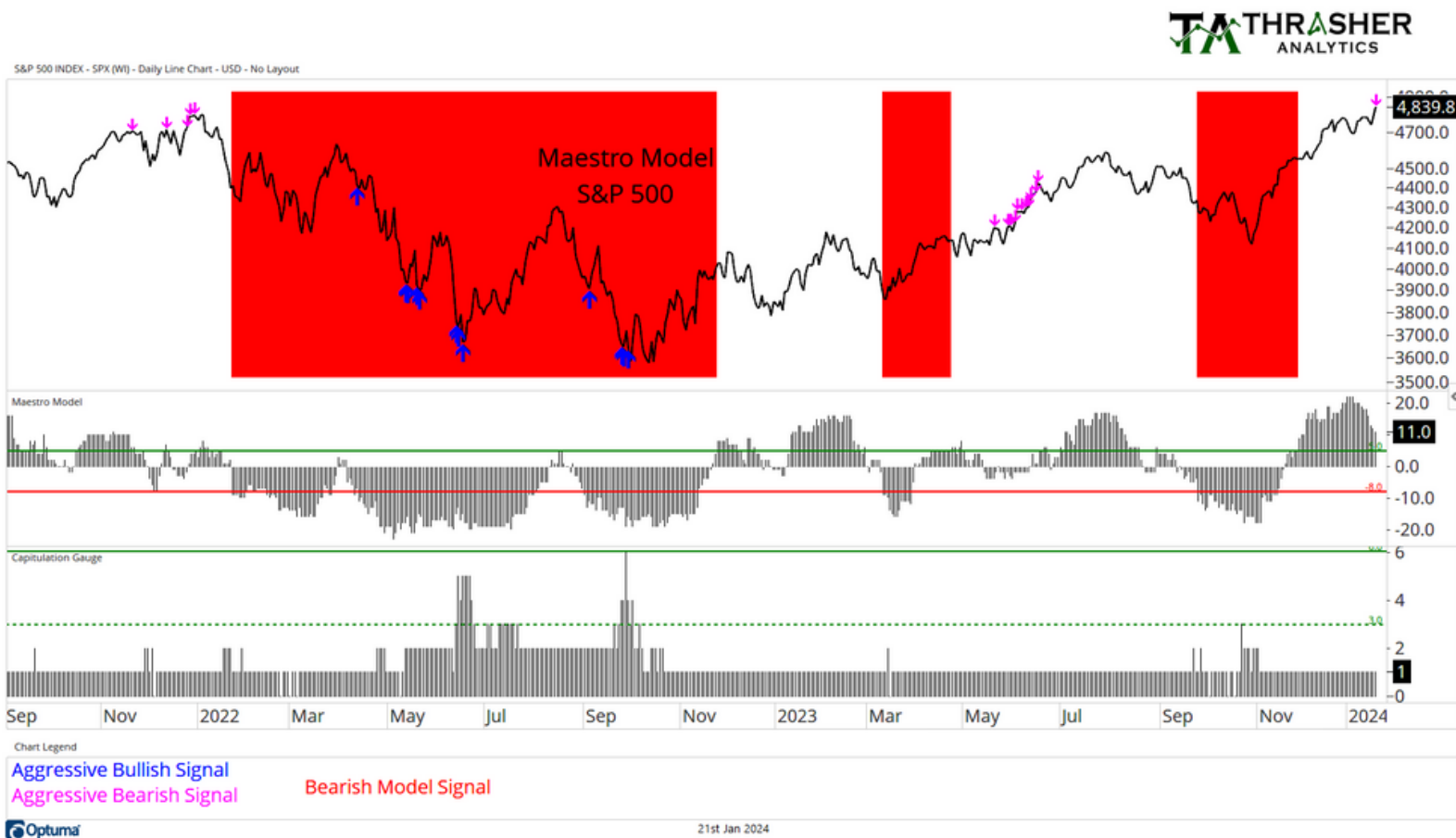
While the S&P 500 is rising, so is the VIX - just at a much slower rate. In fact, on Weds. the S&P 500 was less than 1% from a new 52-week high while the VIX made a 1-month high and as I've been writing about for several weeks, dispersion has contracted for the Volatility Index. When these three events happen at the same time, it's led to many instances of brief pullbacks in the equity index. The exception since 2012 was before the melt-up in late 2017. The other instances each saw a pullback soon follow.





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

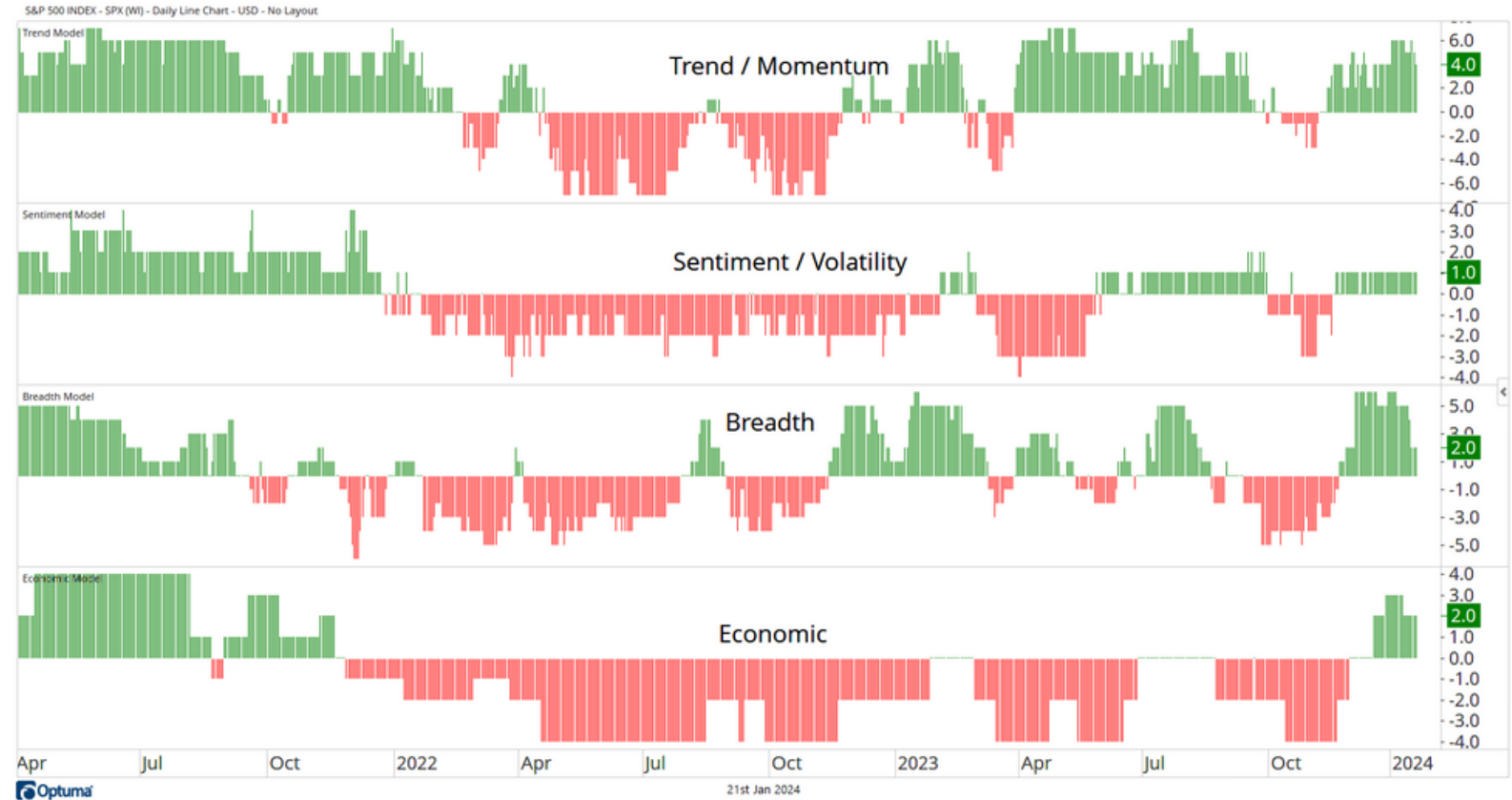
The Maestro Model declined again last week, finishing at +11 and the divergence in the model now has setup an Aggressive Bearish Signal. We saw several of these Bearish Signals back in late 2021 ahead of the peak in Jan. '22 as well as during the move higher in Q2 2023 which was ignored by the market for several more months.



# MAESTRO MODEL - CATEGORIES



Trend/Momentum down 1 point and Breadth is down 3 points.





# SENTIMENT SCORE



Financials are back in the top spot for sector sentiment as health care sentiment dropped 0.13 points. Just two sectors saw an increase last week, tech and financials.



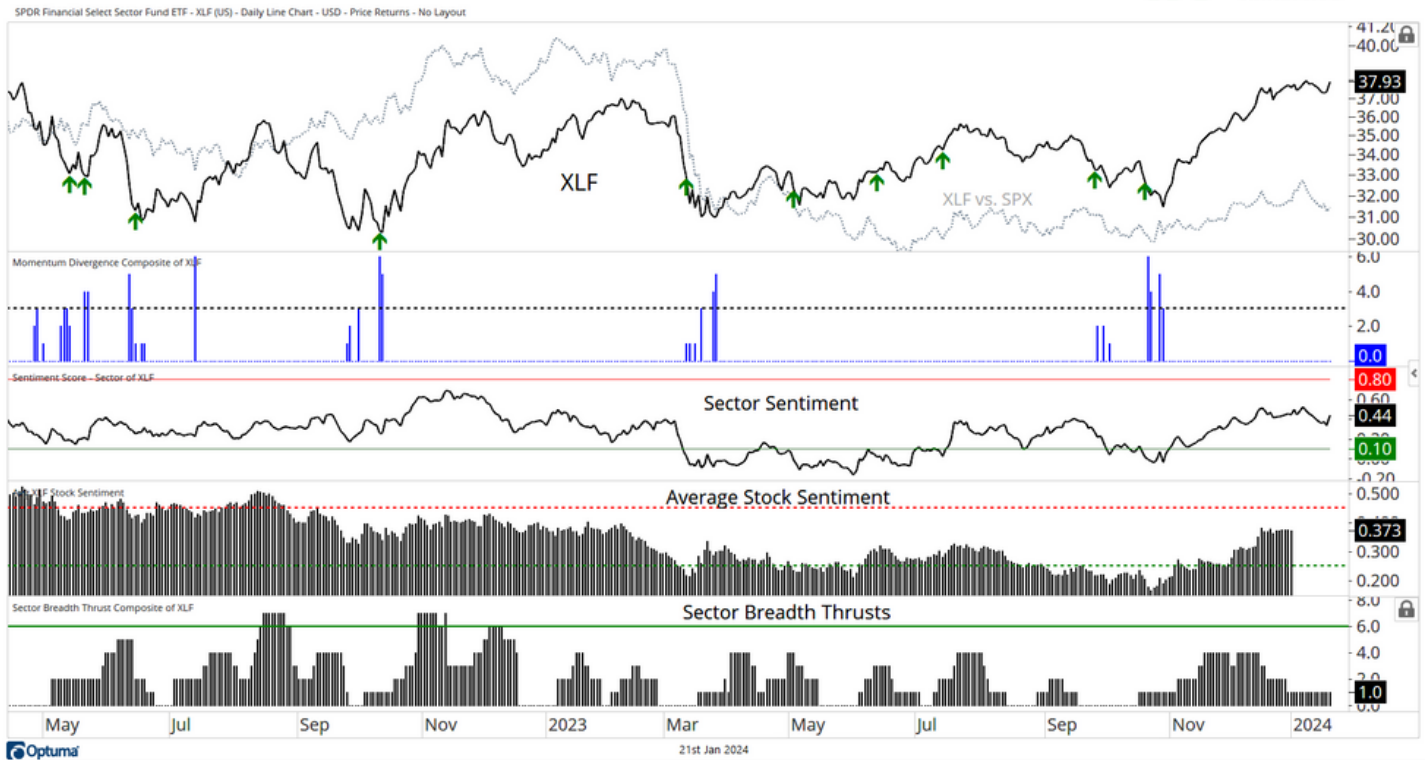
Daily - Watchlist - No Layout

Sector	Ticker	Sector Sentiment	Change in Score	1W Perf	1M Perf	3M Perf
SPDR Financial Select Sector Fund ETF	XLF	0.44	0.03	0.88%	0.96%	15.99%
SPDR Health Care Select Sector Fund ETF	XLV	0.39	-0.13	-0.75%	3.55%	8.47%
SPDR Technology Select Sector Fund ETF	XLK	0.37	0.08	4.13%	3.94%	20.03%
SPDR Communication Services Select Sector ETF	XLC	0.30	-0.07	1.38%	3.29%	11.45%
SPDR Real Estate Select Sector Fund ETF	XLRE	0.29	-0.14	-2.12%	-2.62%	17.56%
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	0.20	-0.09	0.53%	-3.59%	13.51%
SPDR Industrial Select Sector Fund ETF	XLI	0.16	-0.04	0.30%	-0.72%	12.75%
SPDR Materials Select Sector Fund ETF	XLB	0.10	-0.07	-1.46%	-3.81%	7.89%
SPDR Consumer Staples Select Sector Fund ETF	XLP	0.03	-0.14	-1.03%	0.66%	6.69%
SPDR Energy Select Sector Fund ETF	XLE	0.02	-0.07	-3.04%	-5.89%	-12.67%
SPDR Utilities Select Sector Fund ETF	XLU	0.00	-0.05	-3.70%	-4.10%	3.99%

# SENTIMENT SCORE: XLF & XLY



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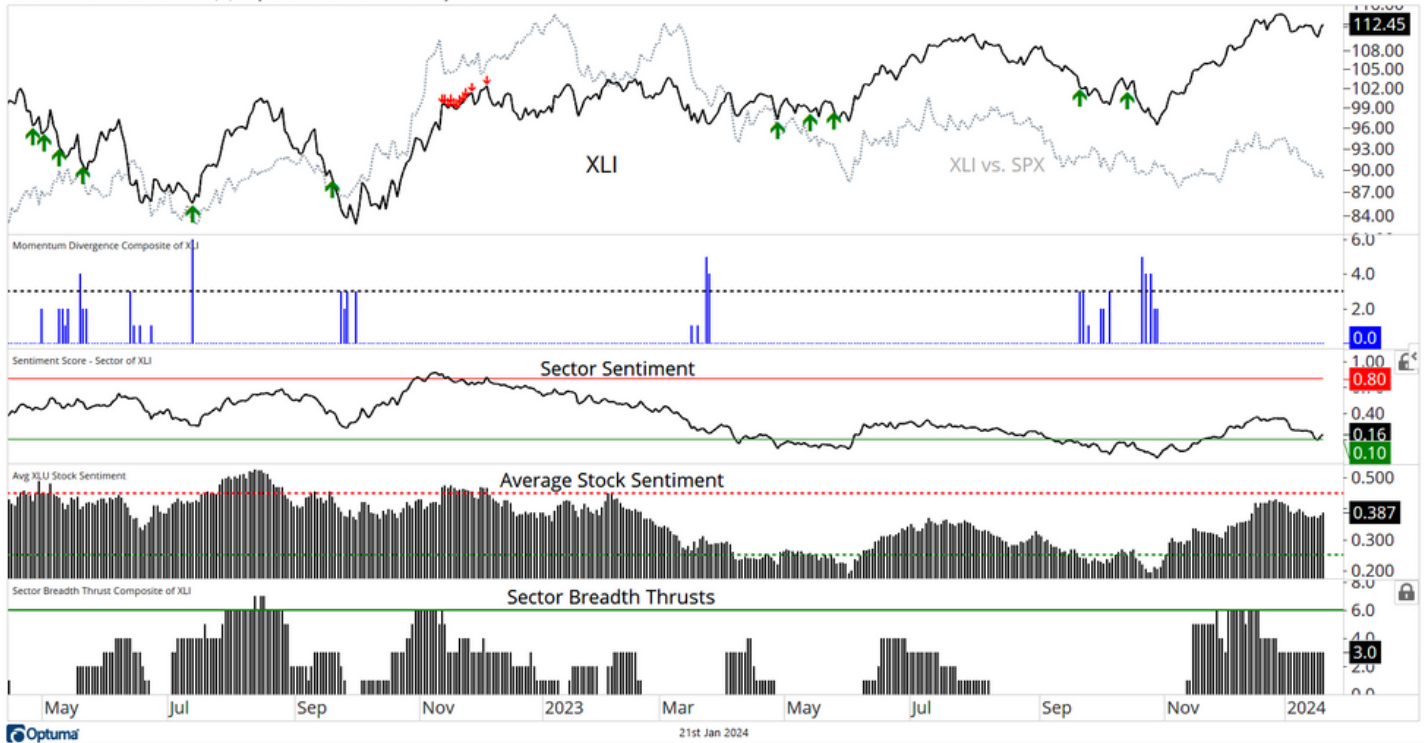


# SENTIMENT SCORE: XLI & XLB



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



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SPDR Materials Select Sector Fund ETF - XLB (US) - Daily Line Chart - USD - Price Returns - No Layout



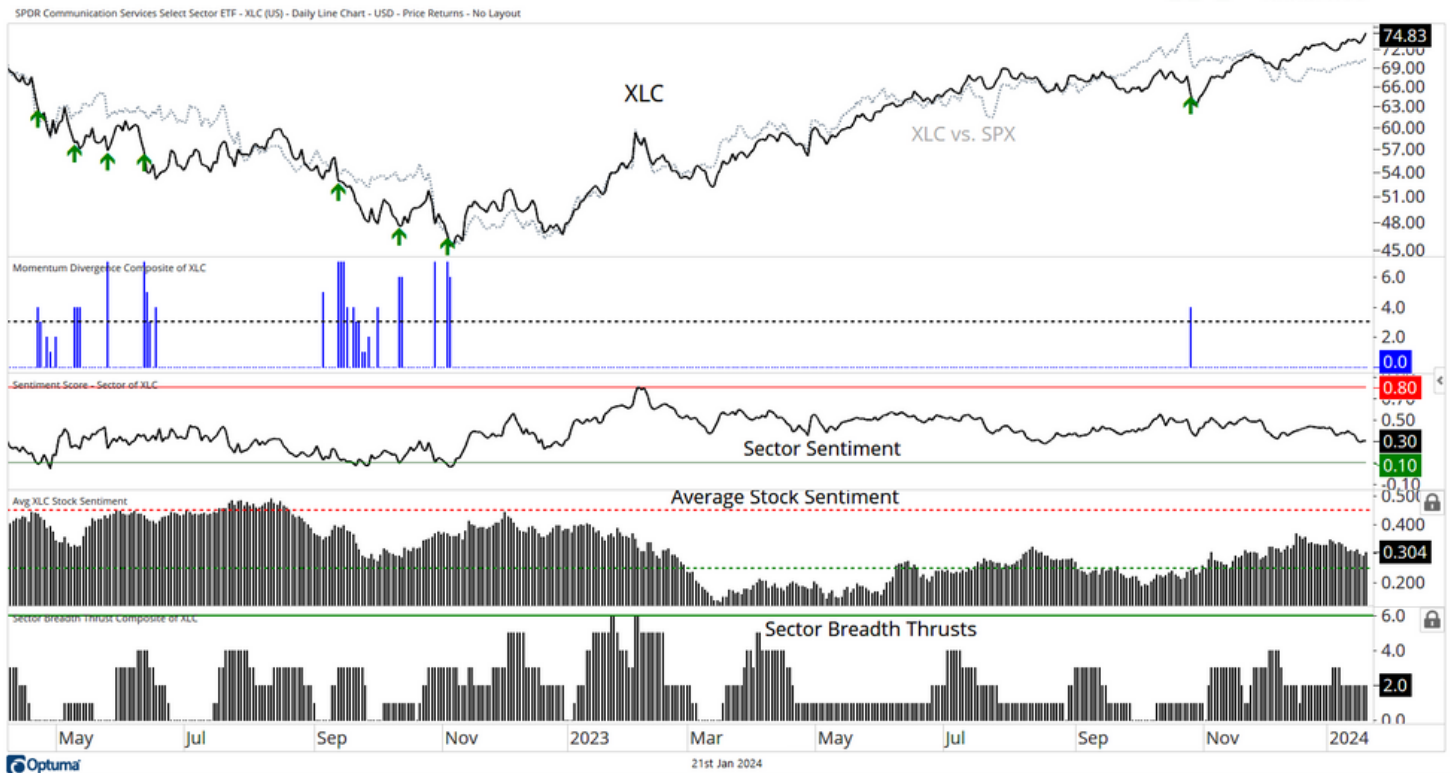
# SENTIMENT SCORE: XLRE & XLC



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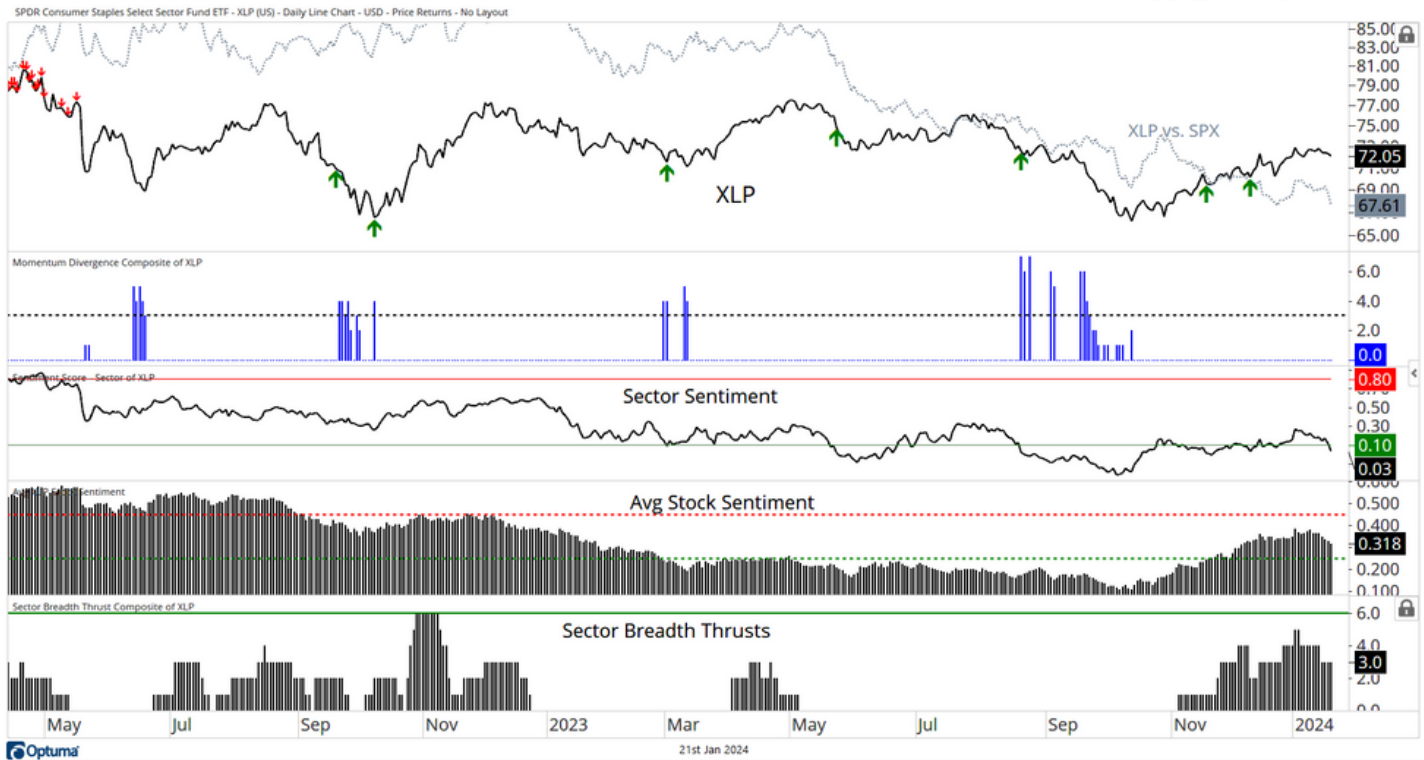
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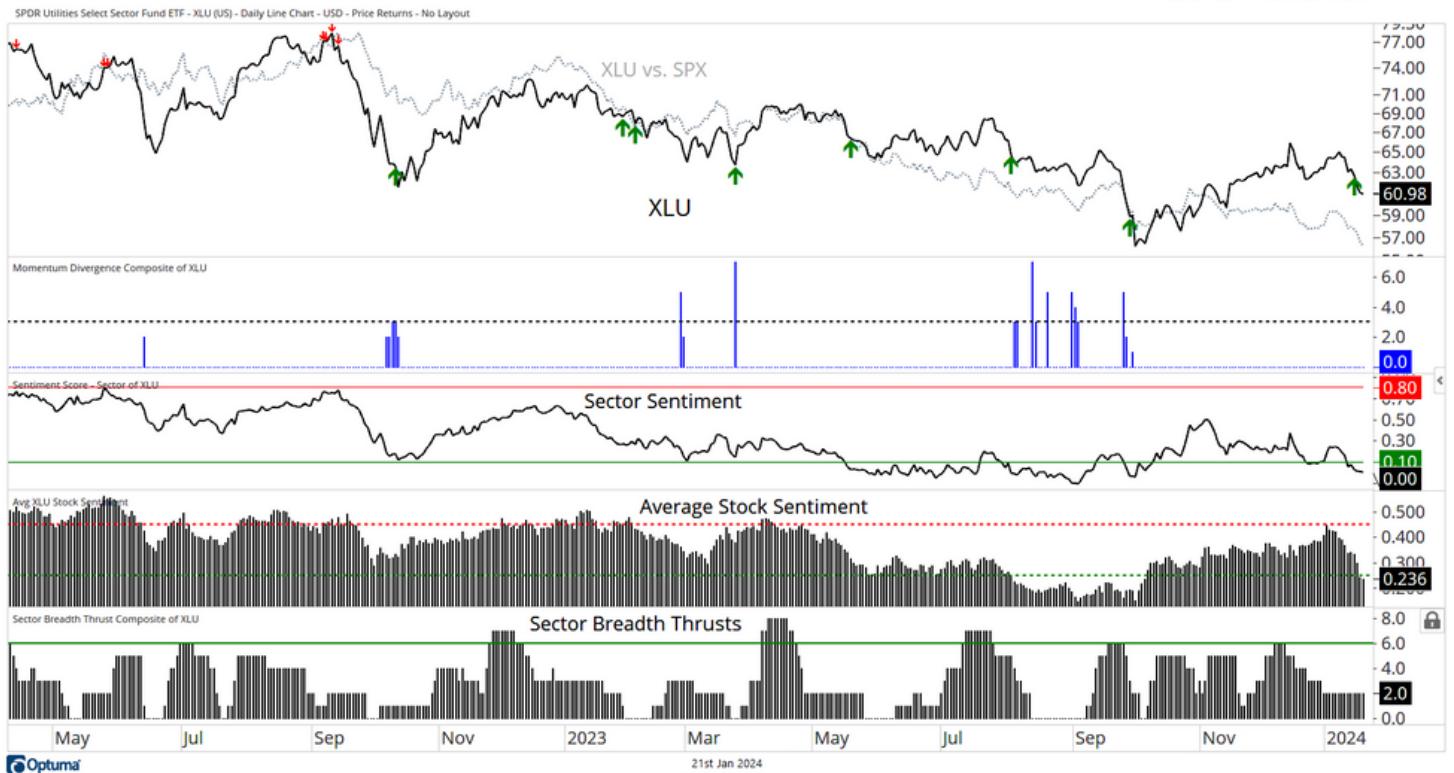
# SENTIMENT SCORE: XLP & XLU



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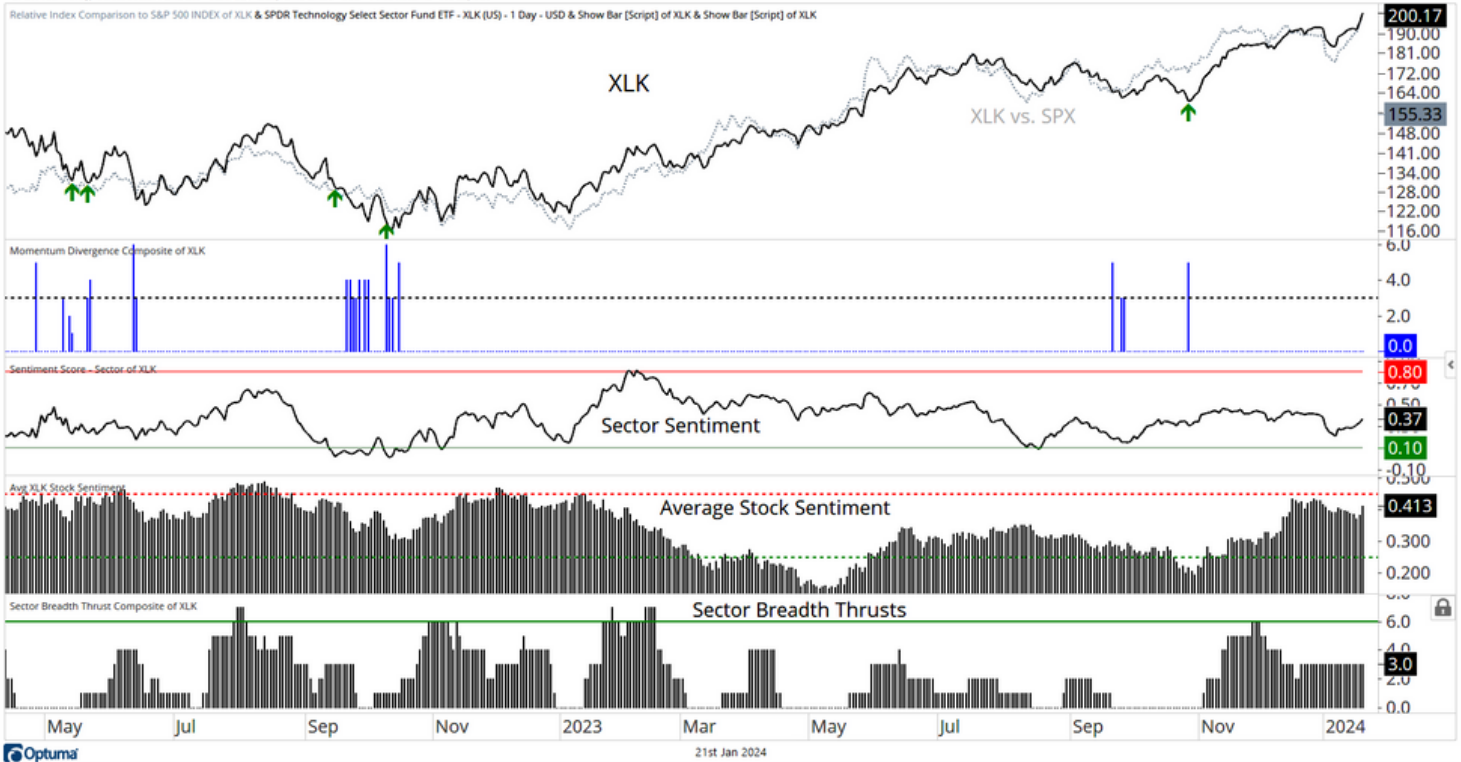
# SENTIMENT SCORE: XLK & XLV



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

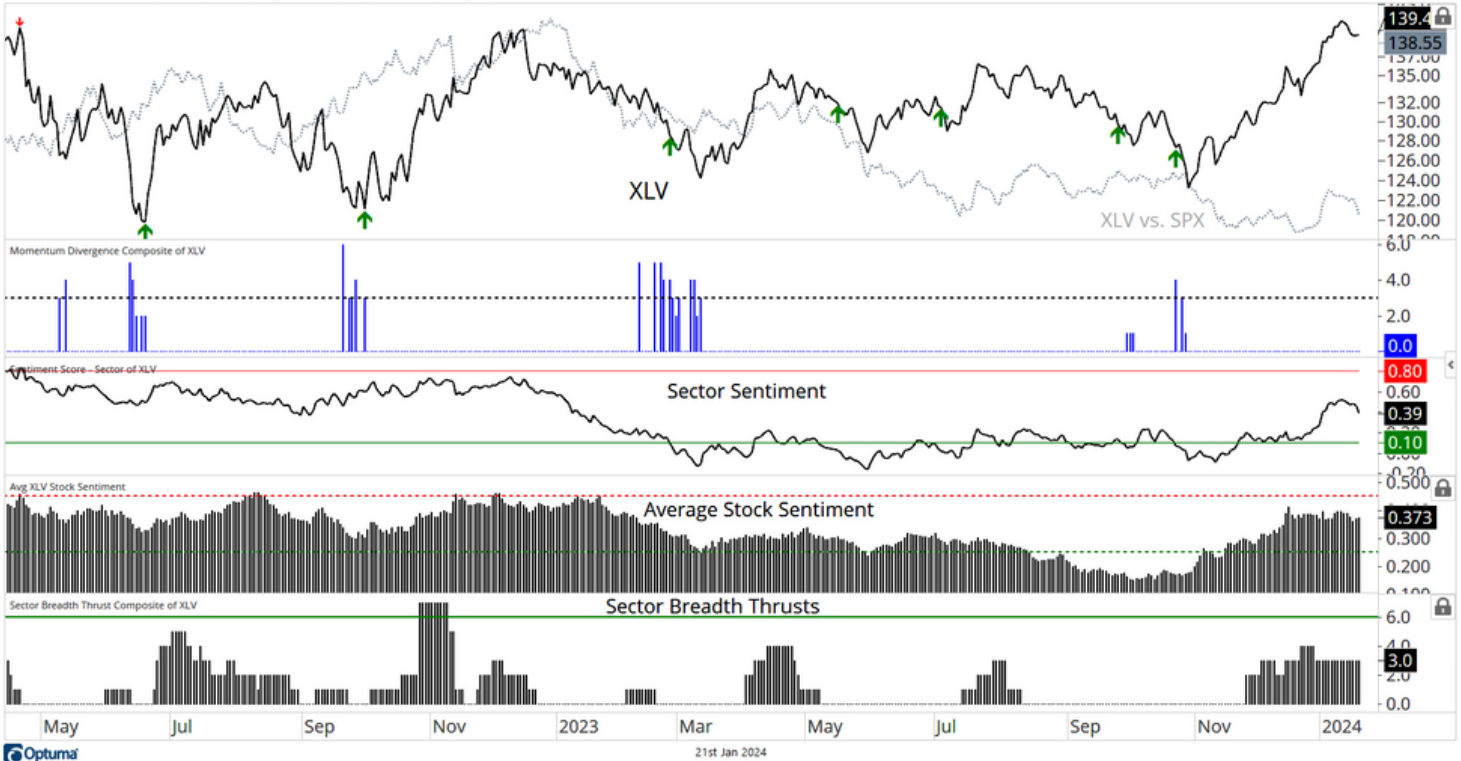
Relative Index Comparison to S&P 500 INDEX of XLK & SPDR Technology Select Sector Fund ETF - XLK (US) - 1 Day - USD & Show Bar (Script) of XLK & Show Bar (Script) of XLK



THRASHER ANALYTICS

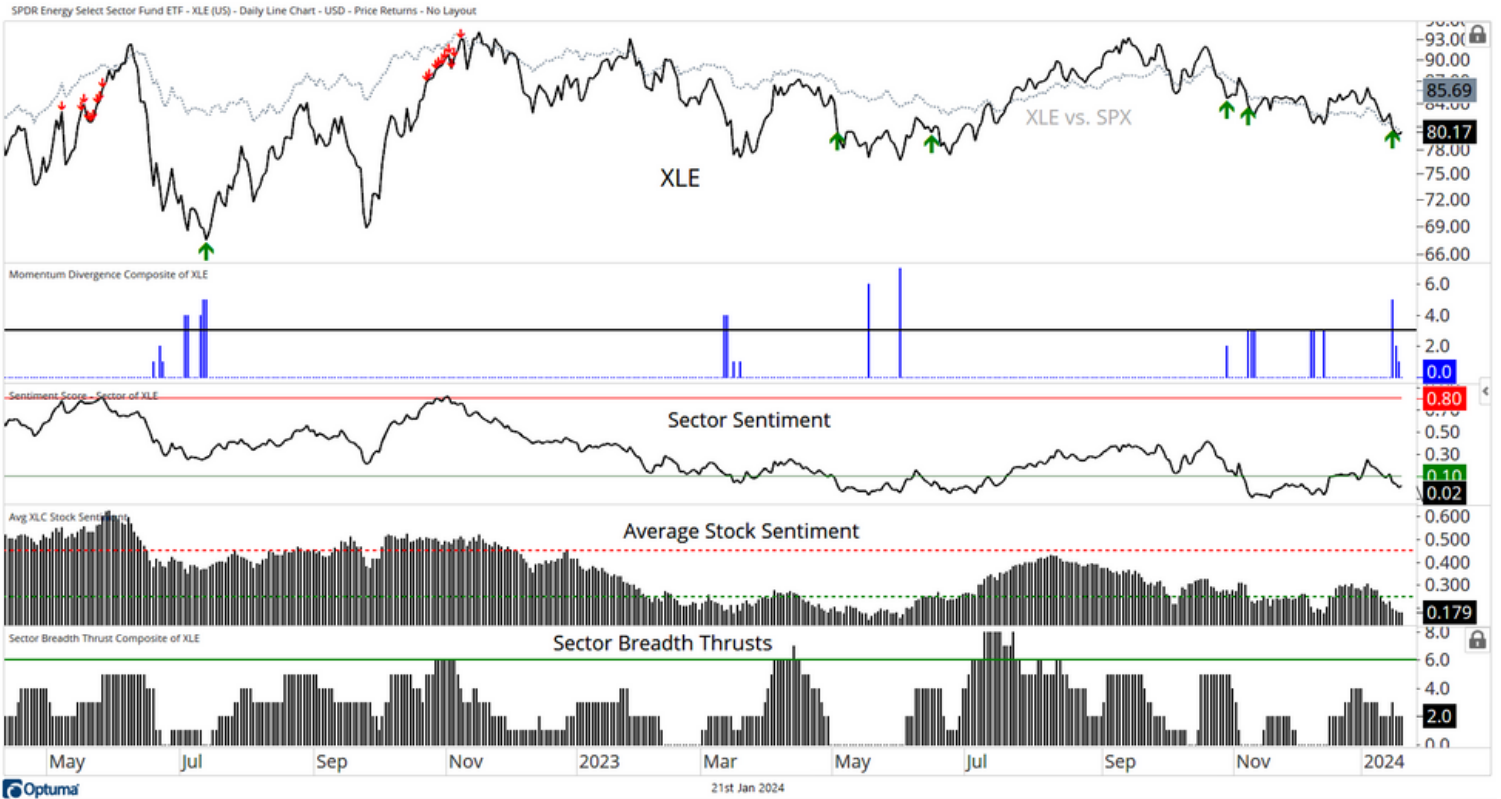
SPDR Health Care Select Sector Fund ETF - XLV (US) - Daily Line Chart - USD - Price Returns - No Layout

Relative Index Comparison to S&P 500 INDEX of XLV & SPDR Health Care Select Sector Fund ETF - XLV (US) - 1 Day - USD & Show Bar (Script) of XLV & Show Bar (Script) of XLV





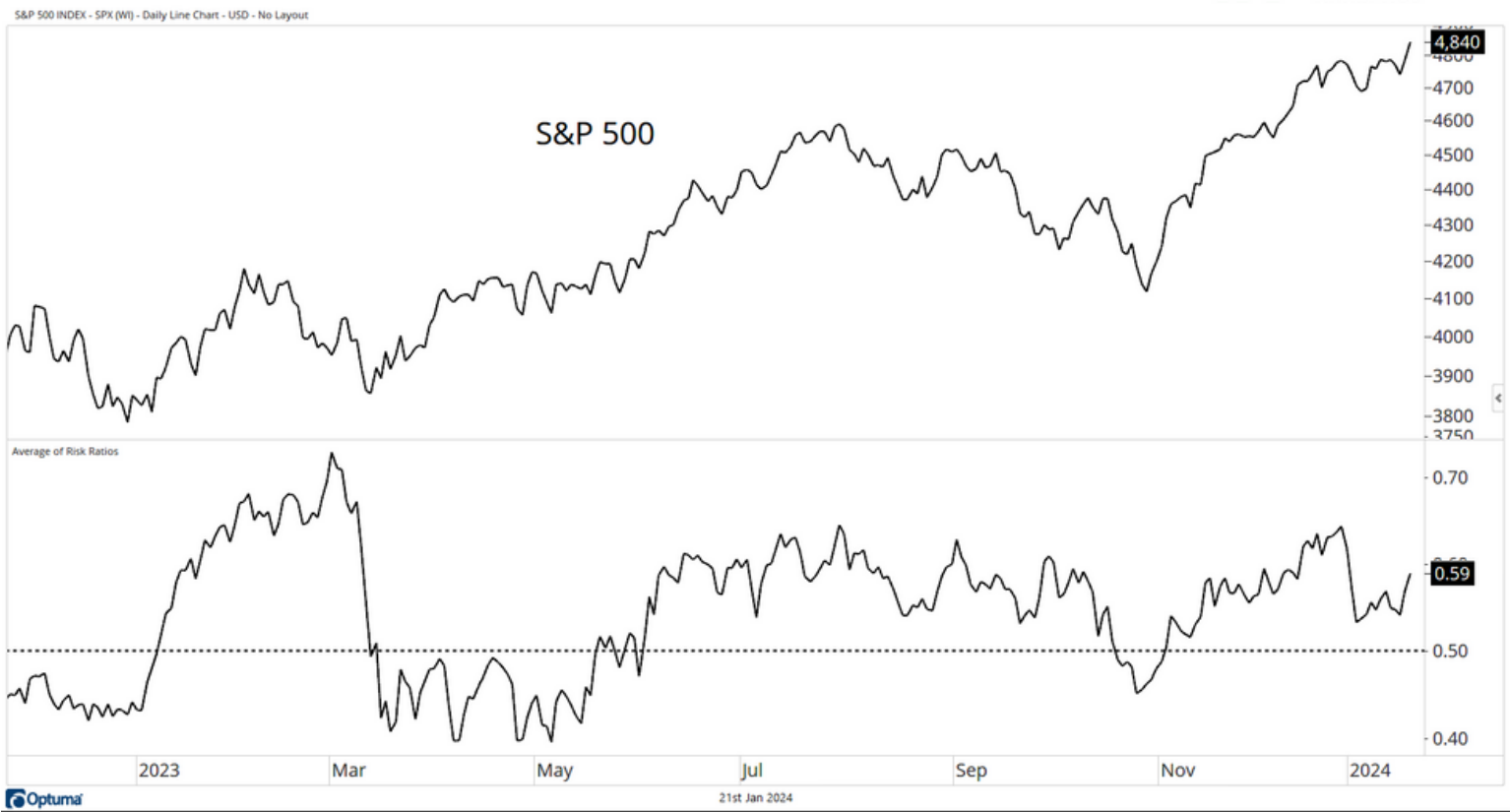
# SENTIMENT SCORE: XLE



# RISK APPETITE RATIO



The Average Risk Appetite Ratio moved up last week but still sits below the prior recent high.



# 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
<b>Moving Average Breadth</b>								
S&P 500 % above 200-day MA	54.7	58.9	64.8	74.8	74.6	74.2	73.0	68.6
Nasdaq 100 % above 200-day MA	71.0	67.3	72.3	82.0	85.0	82.0	79.0	79.2
S&P 500 % above 50-day MA	75.9	81.9	84.5	89.7	88.7	88.3	83.3	74.0
Nasdaq 100 % above 50-day MA	76.0	72.3	84.2	93.0	93.0	81.0	79.0	82.2
S&P 500 % above 20-day MA	84.7	78.7	81.1	87.9	82.5	52.7	47.1	45.7
Nasdaq 100 % above 20-day MA	80.0	63.4	82.2	90.0	84.0	37.0	50.0	67.3
<b>Bullish Breadth</b>								
S&P 500 % RSI(14) > 70	12.5	12.7	16.7	44.1	12.7	28.2	6.6	5.8
Nasdaq 100 % RSI(14) > 70	17.0	15.0	9.9	39.6	10.0	24.0	5.0	12.0
S&P 400 % New 52 week highs	3.3	4.3	7.8	11.8	11.3	5.0	2.0	3.3
S&P 600 % New 52 week highs	1.3	2.3	7.3	11.3	17.1	4.0	1.0	1.5
S&P 500 % New 52 week highs	3.8	3.0	14.3	9.5	9.7	3.2	7.4	11.7
Nasdaq 100 % New 52 week highs	3.0	14.0	5.0	26.7	11.0	10.0	0.0	12.0
S&P 500 % New 6 month highs	4.4	4.8	16.1	11.7	13.1	5.0	7.8	12.9
Nasdaq 100 % New 6 month highs	4.0	15.0	5.0	29.7	11.0	10.0	0.0	15.0
<b>Bearish Bearish</b>								
S&P 500 % RSI(14) < 30	0.4	0.4	2.0	0.2	0.2	0.2	0.6	0.2
Nasdaq 100 % RSI(14) < 30	1.0	0.0	2.0	0.0	0.0	0.0	2.0	0.0
S&P 400 % New 52 week lows	0.0	0.5	0.0	0.3	0.0	0.0	0.3	0.5
S&P 600 % New 52 week lows	0.3	1.2	1.3	0.5	0.0	0.0	1.0	0.7
S&P 500 % New 52 week lows	0.2	0.0	0.4	0.2	0.0	0.0	0.2	0.6
Nasdaq 100 % New 52 week lows	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S&P 500 % New 6 month lows	0.4	0.0	0.8	0.2	0.0	0.2	0.4	1.4
Nasdaq 100 % New 6 month lows	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

# EQUITIES - S&P 500 DAILY



The S&P 500 saw a brief pullback to start last week but Thursday and Friday recovered the minor dip and Friday put in another new 52-week high for the Index. 4700 continues to hold for dip buyers. However, the SPX is not getting much company in these new highs. Several sectors are negative YTD and the Equal Weight S&P 500 is down -1.3% so far in 2024 while the Cap Weight Index is up 1.5%. Momentum improved last week but still sits under 70.

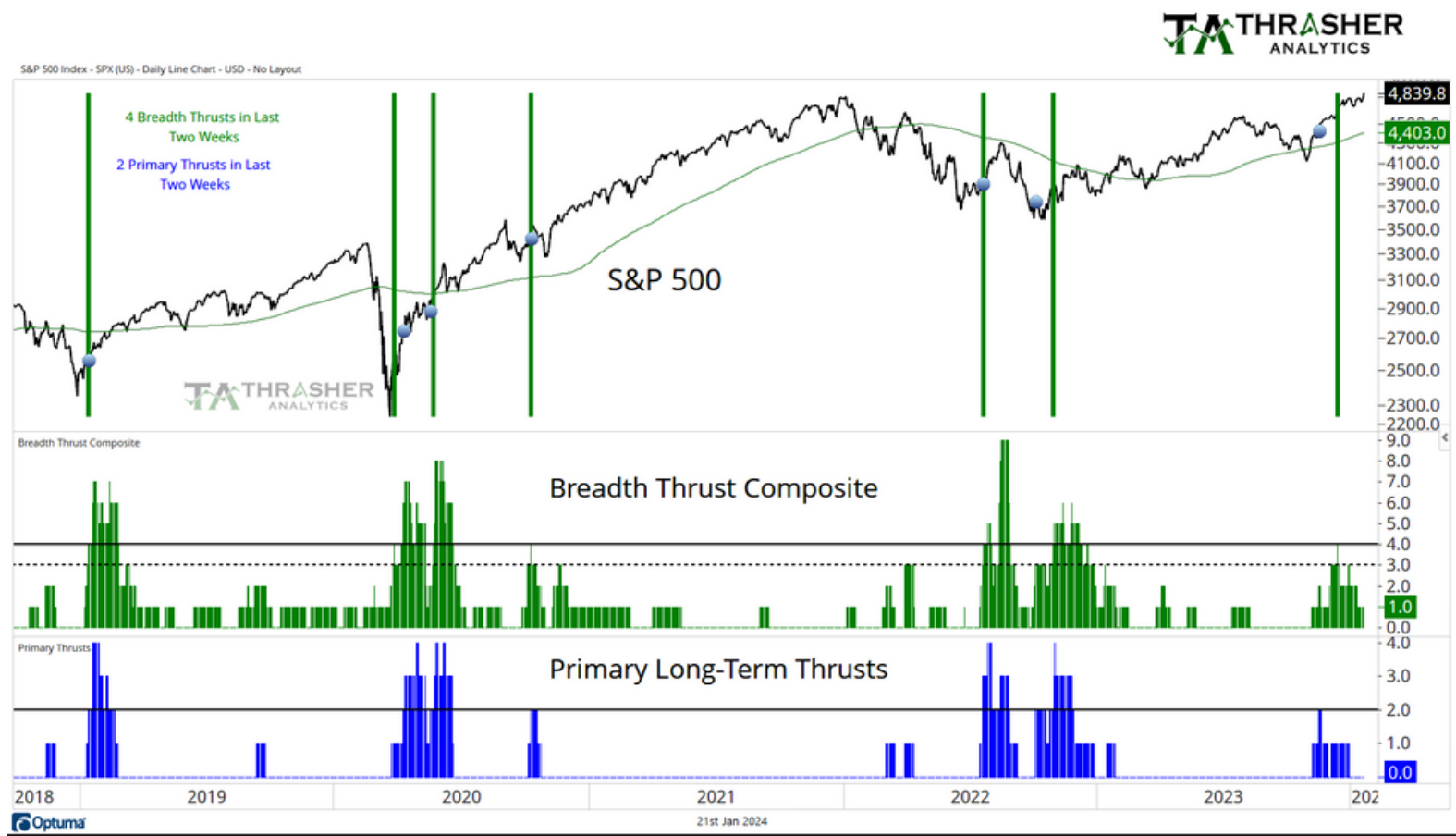


# EQUITIES - BREADTH THRUSTS



*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 +1.



# EQUITIES - MA BREADTH



Last week I discussed the divergence in stocks that are above the 20-day MA and the Index. That continues to be the case this week, with less than half of large cap stocks trading above the short-term average. There's also been the start to a drift lower in 50- and 200-day MA breadth. The drop is not significant at this point, but we peaked at 87.5% and are now at 74% of stocks above their intermediate moving average.

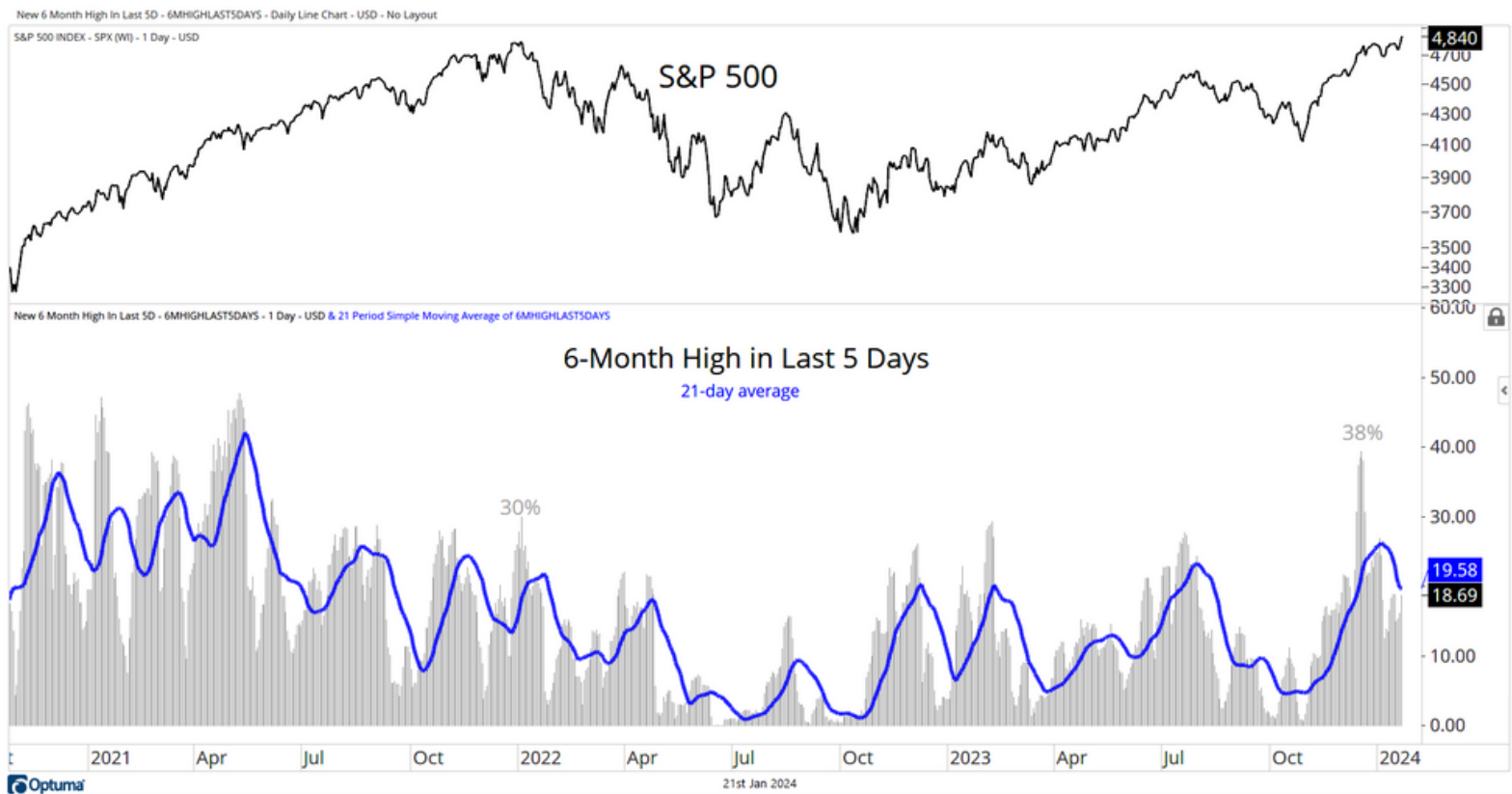




# EQUITIES - 6-MONTH HIGHS



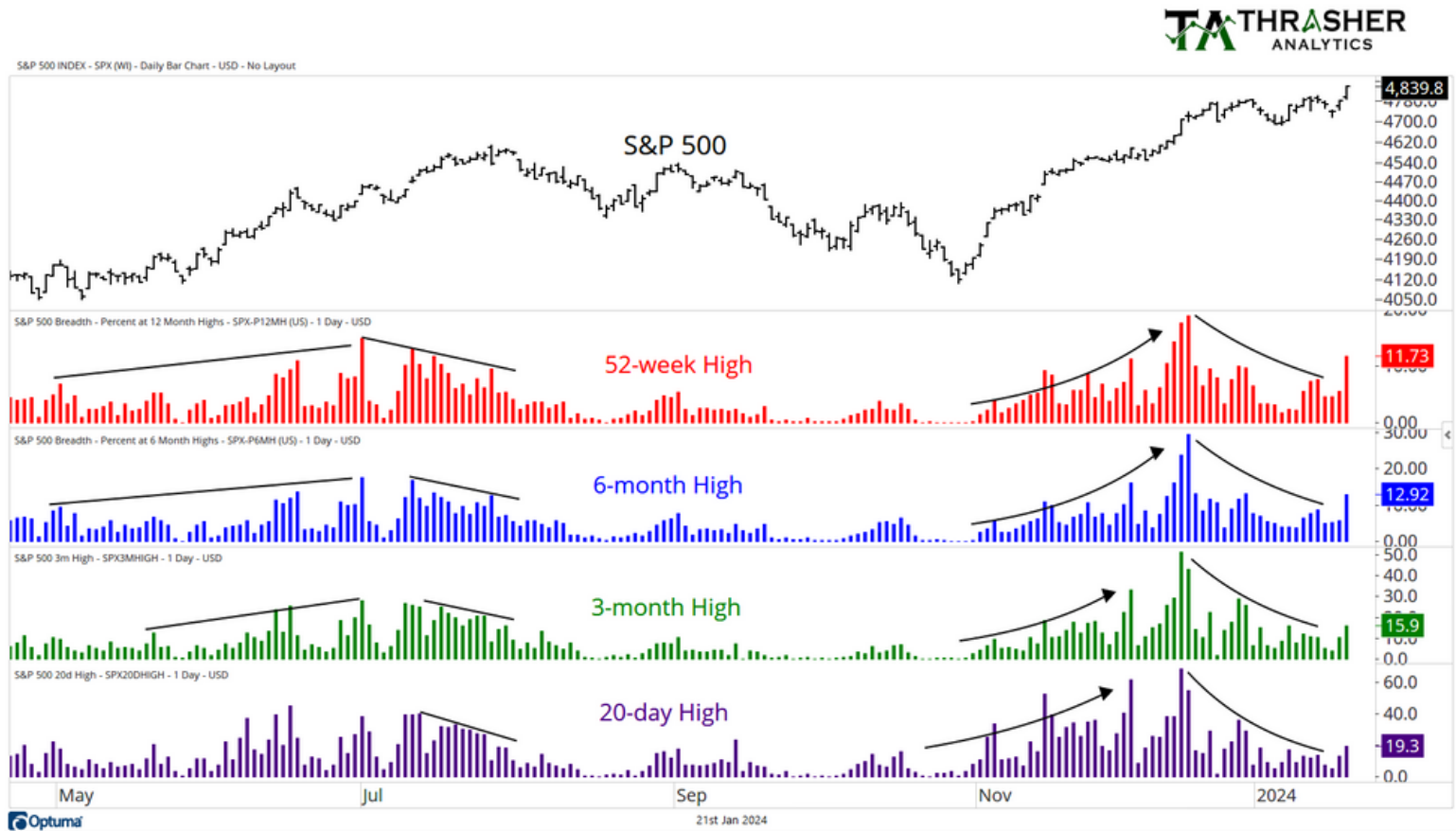
Last week's letter looked at 3-month highs, this week I'm showing the percent of large cap stocks that have made a 6-month high in the last five days and also smoothing it with a 1-month average (blue line). The smoothing average has turned down despite the new high in the Index. We peaked at 38% on the daily figure and on Friday had less than 20% of stocks having hit a 6-month high during the week. All that's mattered as of late has been tech stocks and that's what's been making up the list of new highs.



# EQUITIES - NEW HIGHS



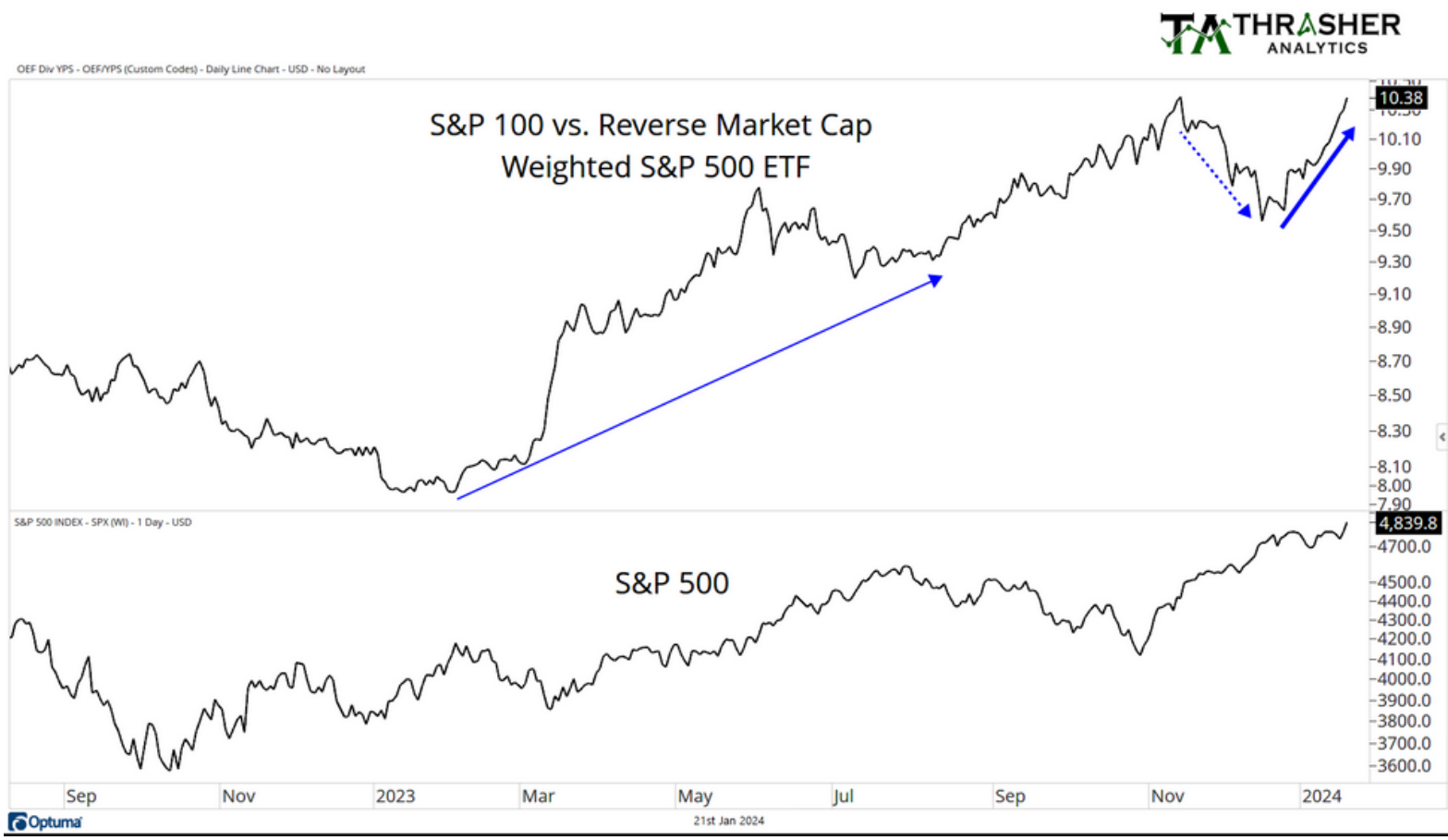
Here's another look at the new high list. Each lookback period peaked in December and has been drifting lower since then. However, we did see a nice uptick on Friday but still well off the prior peak in new highs.



One of the stronger corners of the market since November has been IPO stocks. But that trend has changed as the IPO ETF declines in relative performance compared to the S&P 500. Is this an early sign of traders de-risking, taking down exposure to the higher beta recently IPO'd stocks? Something to be watching.



The Largest 100 stocks in the S&P 500, the mega caps, have been the leaders for the last year, showing strong relative performance to a reverse weighting of the large cap index. That trend began to shift in December, when breadth peaked, but then quickly reversed last week. The chart below shows the big rebound in relative performance as the mega caps drive the bulk of the gains.



# EQUITIES - SECTOR RS



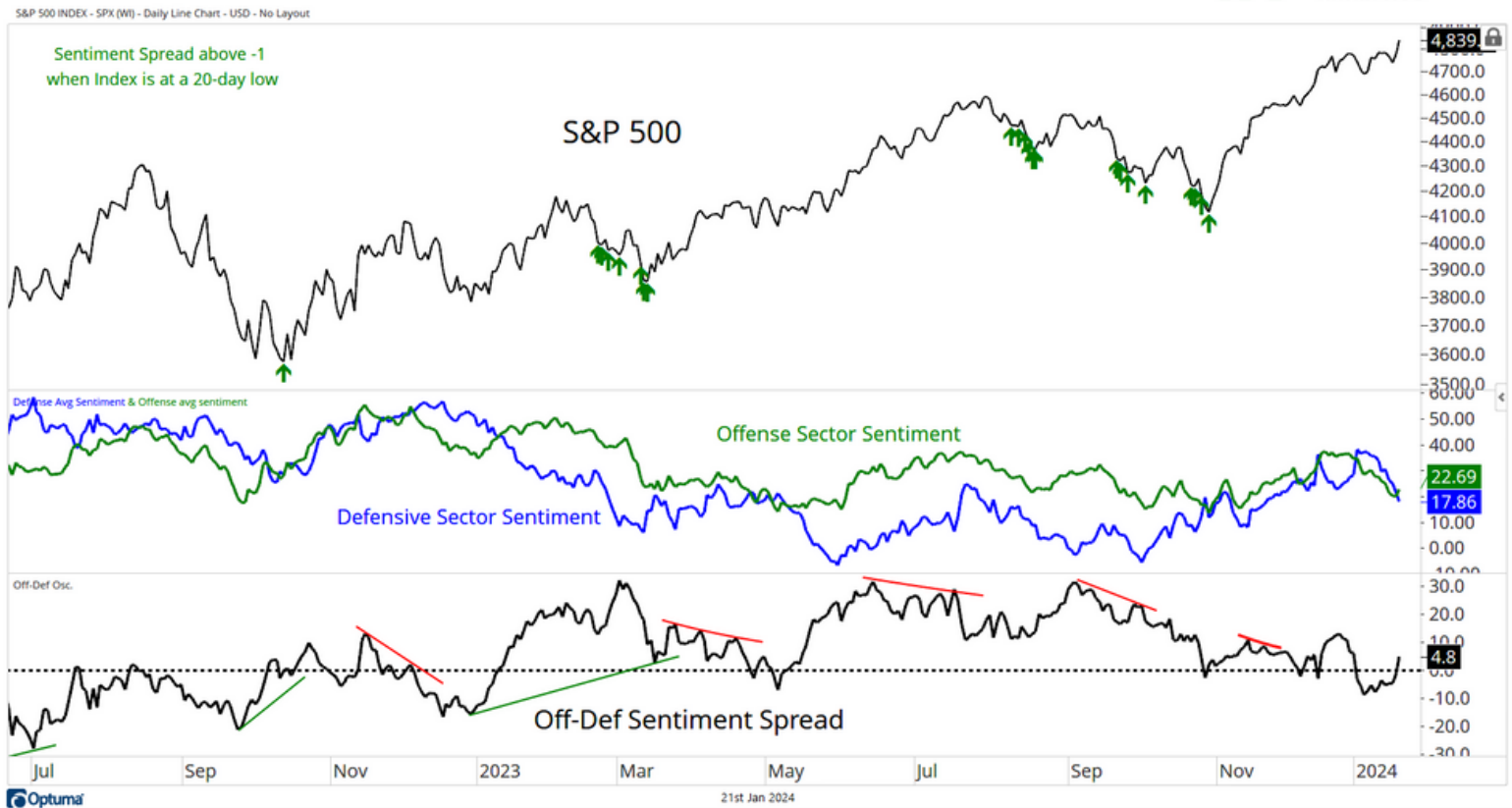
This is the chart shared every week in the sector section of the letter, but I want to show it here as well to highlight what's happening from a sector POV... Notice the trends in the relative performance lines of each sector. Most are declining and many (XLE, XLB, XLP, and XLU) are hitting fresh new highs. Only XLK and XLC are making highs. XLF has been improving but has recently begun to rollback over relative to the SPX.



# EQUITIES - SECTOR SENTIMENT



The Offense-Defense Sentiment Spread moved back to positive last week as tech stocks are all that are getting any love lately while defensive sector sentiment declines.





# 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 1 Month	Net Flows 3 Month	1 Month Flow % of AUM	
<b>- Bond ETFs</b>						
iShares iBoxx \$ Investment Grade Corporate Bond ETF	LQD	5,909,154,466	6,832,823,497	6,624,422,084	18.37%	
iShares 7-10 Year Treasury Bond ETF	IEF	294,366,835	1,439,786,043	-729,913,211	5.24%	
iShares 3-7 Year Treasury Bond ETF	IEI	350,141,996	350,479,324	-445,005,258	2.65%	
iShares 10-20 Year Treasury Bond ETF	TLH	65,127,607	32,916,666	444,169,577	0.43%	
iShares 20+ Year Treasury Bond ETF	TLT	-393,975,272	86,765,477	6,711,383,474	0.18%	
iShares 1-3 Year Treasury Bond ETF	SHY	-212,693,863	-180,270,896	-1,505,720,770	-0.71%	
iShares TIPS Bond ETF	TIP	118,221,546	-440,415,887	-2,784,287,952	-2.36%	
<b>- SPDR Equity ETFs</b>						
SPDR Materials Select Sector Fund ETF	XLB	361,952,185	576,889,375	-170,408,345	10.43%	
SPDR Real Estate Select Sector Fund ETF	XLRE	235,748,062	454,079,450	938,802,260	7.95%	
SPDR S&P 500 ETF	SPY	-20,151,519,187	14,131,749,860	36,335,991,876	2.96%	
SPDR Financial Select Sector Fund ETF	XLF	585,998,931	764,146,238	490,342,071	2.22%	
SPDR Health Care Select Sector Fund ETF	XLV	951,294,599	504,562,734	-1,429,634,421	1.28%	
SPDR Utilities Select Sector Fund ETF	XLU	122,230,327	171,019,124	121,790,820	1.24%	
SPDR Industrial Select Sector Fund ETF	XLI	384,175,024	-21,165,314	-288,858,113	-0.14%	
SPDR Consumer Staples Select Sector Fund ETF	XLP	218,971,728	-24,458,632	-1,453,066,921	-0.16%	
SPDR Communication Services Select Sector ETF	XLC	-433,513,258	-106,450,953	848,046,192	-0.66%	
SPDR Technology Select Sector Fund ETF	XLK	-32,524,618	-389,310,657	2,371,379,341	-0.67%	
SPDR Energy Select Sector Fund ETF	XLE	-538,544,559	-912,326,109	-913,397,190	-2.69%	
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	-686,501,947	-686,589,968	486,528,282	-3.76%	

# SECTOR - PERFORMANCE



Daily - Performance - No Layout

- Ticker	Name	2024	YTD Rel% to SPX	1W %	1M %	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA
- Index		AVG: -1.50%			AVG: 1.71%			AVG: 26.94%			AVG: 4.69%	
NDY	NASDAQ 100 Index	2.90%	1.41%	2.86%	2.99%	17.12%	9.40%	0.02%	49.90%	3.47%	6.77%	16.04%
SPX	S&P 500 INDEX	1.47%	0.00%	1.17%	1.50%	13.13%	6.00%	0.05%	27.07%	1.76%	4.63%	10.06%
DJI	Dow Jones Industrial Average	0.46%	-0.99%	0.72%	0.81%	13.32%	7.99%	0.18%	20.47%	0.90%	4.37%	9.61%
MID	S&P Midcap 400 Index	-1.46%	-2.88%	0.45%	-1.56%	13.26%	0.55%	2.73%	18.02%	-0.13%	4.01%	7.14%
SML	S&P SmallCap 600 Index	-3.64%	-5.03%	0.03%	-3.34%	14.80%	-0.05%	5.58%	19.23%	-1.46%	3.68%	6.95%
- Sectors		AVG: -2.23%			AVG: 5.05%			AVG: 22.20%			AVG: 1.93%	
XLK	SPDR Technology Select Sector Fund ETF	4.00%	2.49%	4.13%	3.94%	20.03%	11.32%	0.02%	53.07%	4.84%	7.00%	17.34%
XLC	SPDR Communication Services Select Sector ETF	2.99%	1.50%	1.38%	3.29%	11.45%	10.76%	0.06%	45.67%	2.59%	5.18%	13.33%
XLF	SPDR Financial Select Sector Fund ETF	0.88%	-0.58%	0.88%	0.96%	15.99%	8.00%	0.21%	24.81%	0.99%	4.34%	11.03%
XLY	SPDR Consumer Discretionary Select Sector Fund	-2.19%	-3.61%	0.53%	-3.59%	13.51%	-1.18%	4.01%	28.87%	-0.77%	1.45%	6.97%
XLI	SPDR Industrial Select Sector Fund ETF	-1.35%	-2.78%	0.30%	-0.72%	12.75%	2.62%	1.70%	18.13%	0.13%	2.99%	7.35%
XLV	SPDR Health Care Select Sector Fund ETF	2.26%	0.78%	-0.75%	3.55%	8.47%	5.11%	1.48%	13.76%	0.96%	4.33%	5.58%
XLP	SPDR Consumer Staples Select Sector Fund ETF	0.03%	-1.42%	-1.03%	0.66%	6.69%	-3.59%	7.41%	10.54%	0.00%	1.51%	-0.58%
XLB	SPDR Materials Select Sector Fund ETF	-3.87%	-5.26%	-1.46%	-3.81%	7.89%	-1.57%	4.72%	10.63%	-2.37%	-0.22%	1.85%
XLRE	SPDR Real Estate Select Sector Fund ETF	-3.39%	-4.79%	-2.12%	-2.62%	17.56%	0.36%	8.32%	20.98%	-2.10%	1.77%	5.24%
XLE	SPDR Energy Select Sector Fund ETF	-4.38%	-5.76%	-3.04%	-5.89%	-12.67%	-2.93%	14.43%	6.39%	-3.76%	-4.08%	-5.33%
XLU	SPDR Utilities Select Sector Fund ETF	-3.71%	-5.10%	-3.70%	-4.10%	3.99%	-7.94%	13.23%	11.34%	-3.53%	-3.03%	-5.05%

# SECTOR - RELATIVE STRENGTH



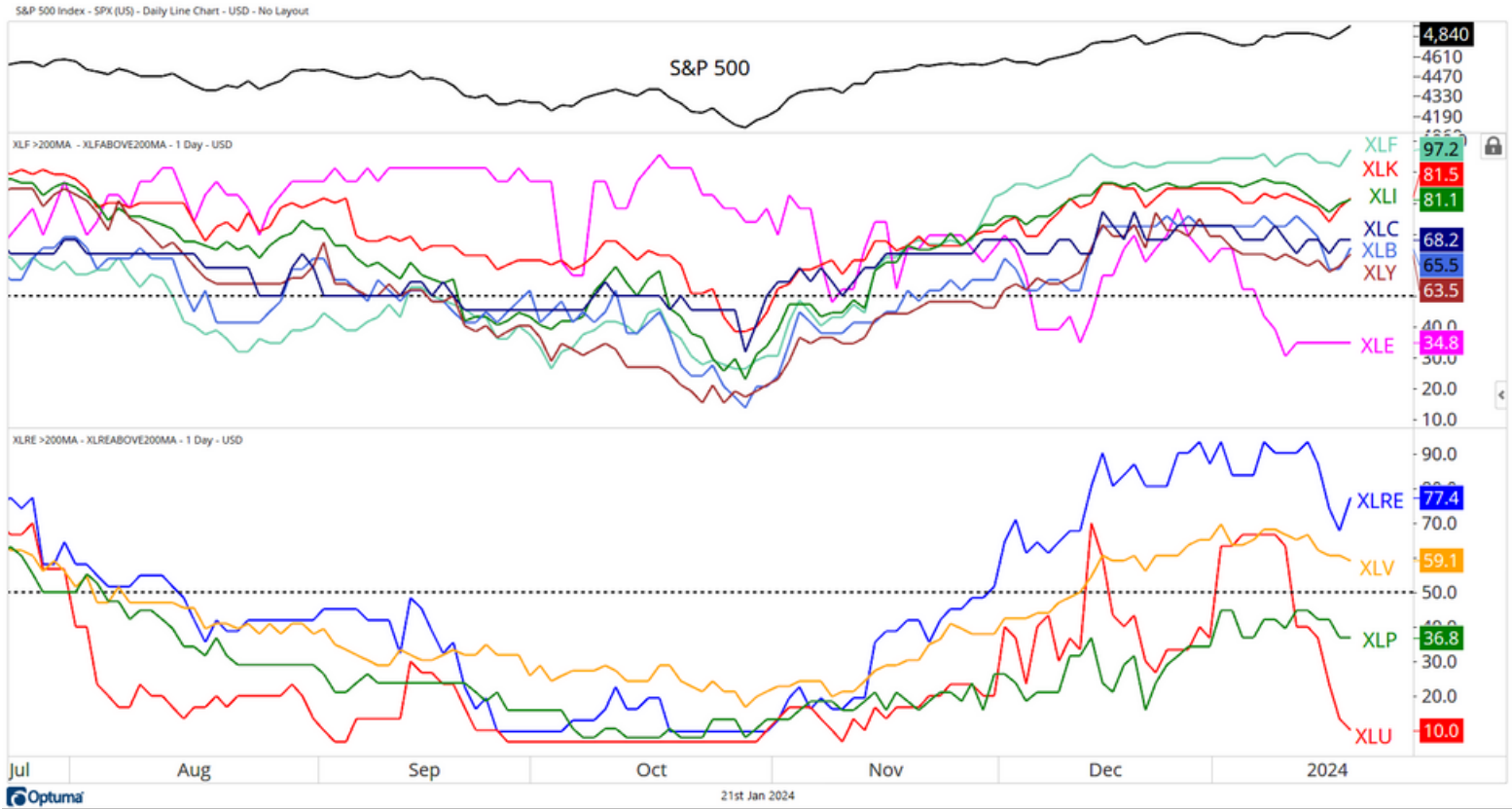
Below is a look at each sector's relative performance trend against the S&P 500.



# SECTOR - BREADTH 200-MA



Most sector breadth figures have peaked, excluding XLF and XLK.



# DAILY SENTIMENT INDEX



Daily - DSI - No Layout				Daily - DSI - No Layout			
Code	History	% Bullish ▲	5-day MA	Code	History	% Bullish ▲	5-day MA
Soybean DSI		13	14	EuroDollar DSI		56	60
Corn DSI		16	14	CRB Index DSI		56	54
Palladium DSI		17	14	5YR DSI		56	61
Platinum DSI		18	16	Euro DSI		59	59
Yen DSI		22	25	New Zealand Dollar DSI		61	61
Orange Juice DSI		23	15	Cotton DSI		61	54
Lean Hog DSI		23	26	Bitcoin DSI		61	62
VIX DSI		26	32	Sugar DSI		62	51
Wheat DSI		28	24	Coffee DSI		63	60
Lumber DSI		33	33	Gold DSI		66	62
Australian Dollar DSI		41	39	Copper DSI		68	63
Cattle DSI		44	41	British Pound DSI		68	65
Natural Gas DSI		45	55	US Dollar DSI		70	68
Silver DSI		48	48	Nikkei DSI		70	72
Gasoline DSI		50	45	SPX DSI		73	66
Crude Oil DSI		52	47	Mexican Peso DSI		77	73
Swiss Franc DSI		55	59	Nasdaq DSI		81	75
Heating Oil DSI		55	50	Cocoa DSI		88	81
10Y DSI		55	59	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 (US) - Daily Line Chart - USD - No Layout



**TA THRASHER**  
ANALYTICS

BTC/USD - BTCUSD - Daily Line Chart - USD - No Layout - Data from Kraken

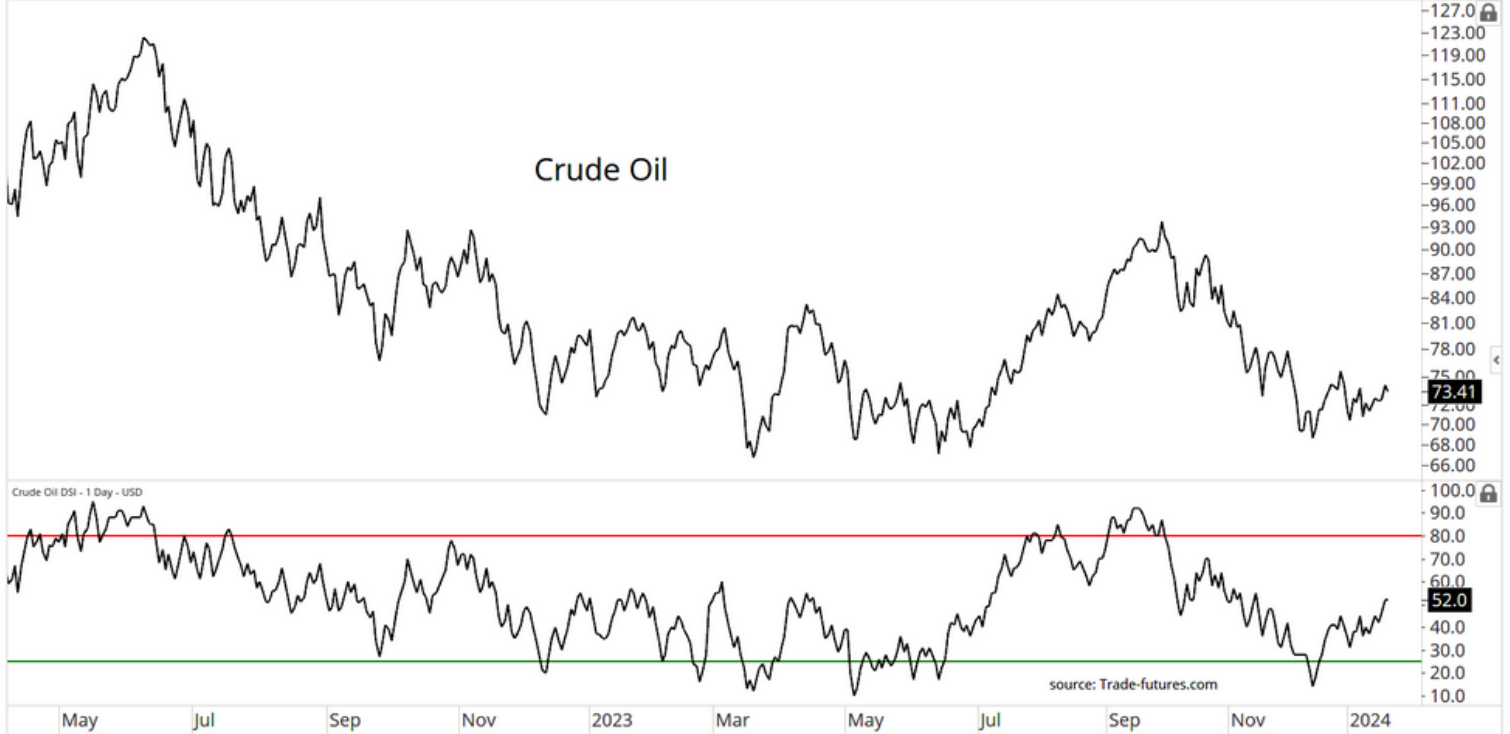




# DAILY SENTIMENT INDEX



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



21st Jan 2024



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



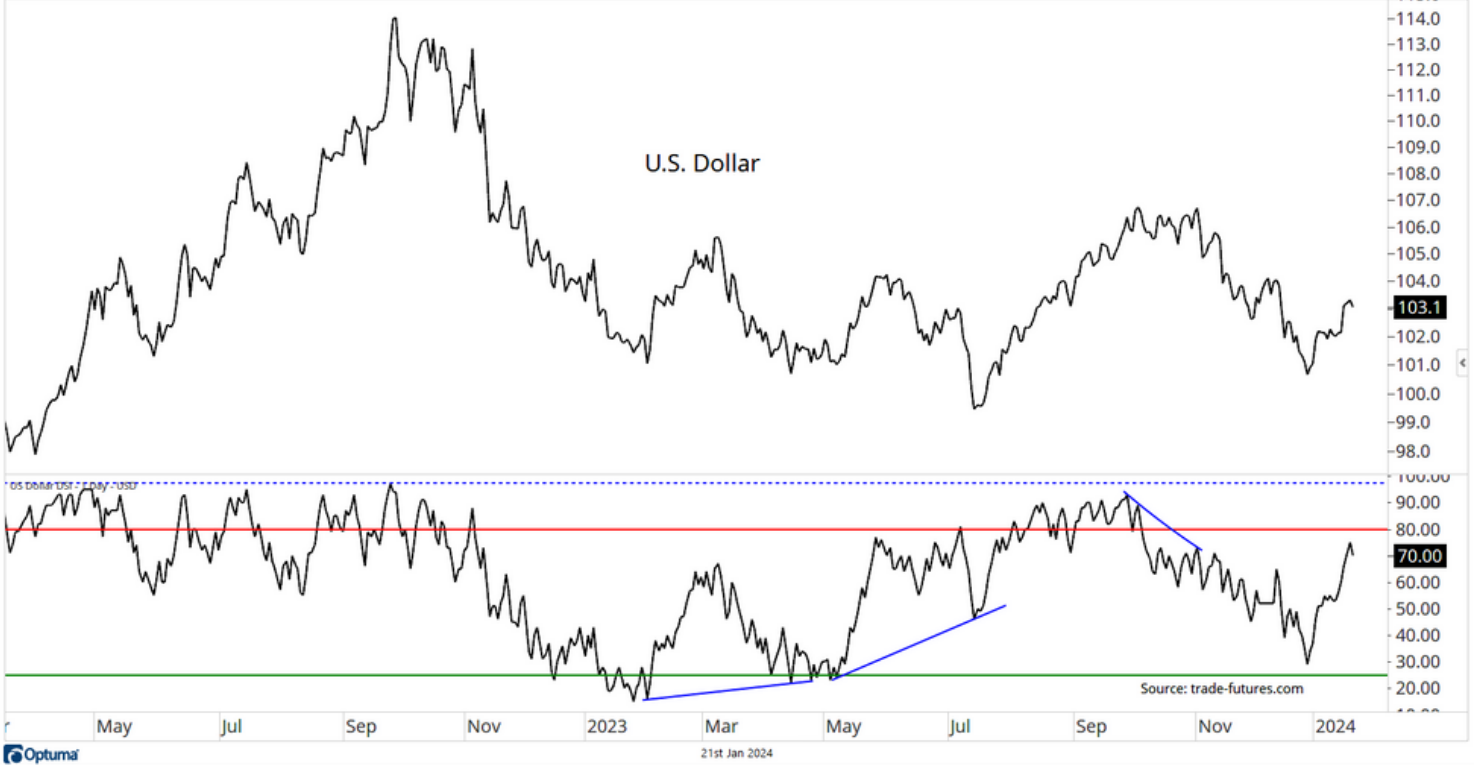
21st Jan 2024

# DAILY SENTIMENT INDEX



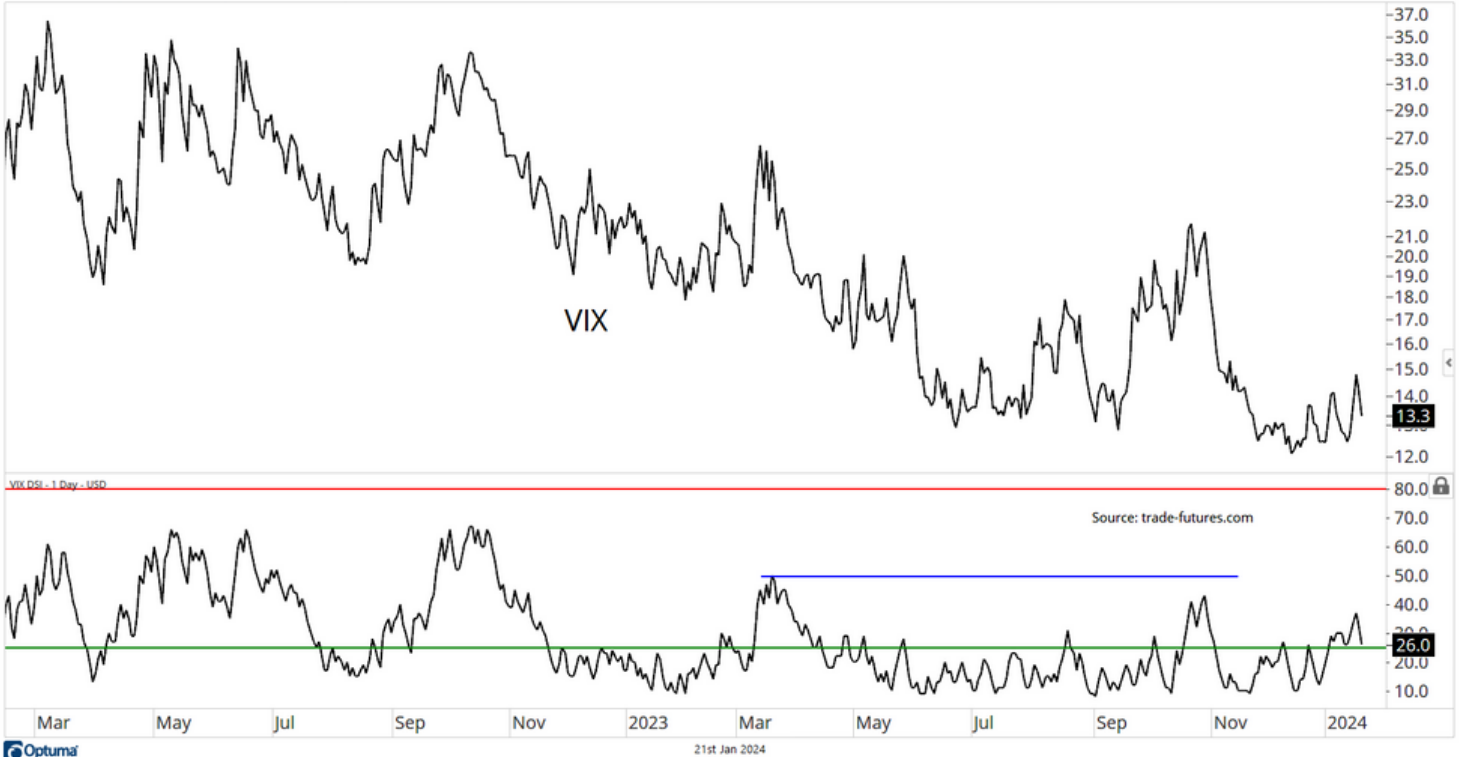
**TA THRASHER**  
ANALYTICS

U.S. Dollar Index - DXYspot (US) - Daily Line Chart - USD - No Layout



**TA THRASHER**  
ANALYTICS

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



# DAILY SENTIMENT INDEX



**TA THRASHER**  
ANALYTICS

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



**TA THRASHER**  
ANALYTICS

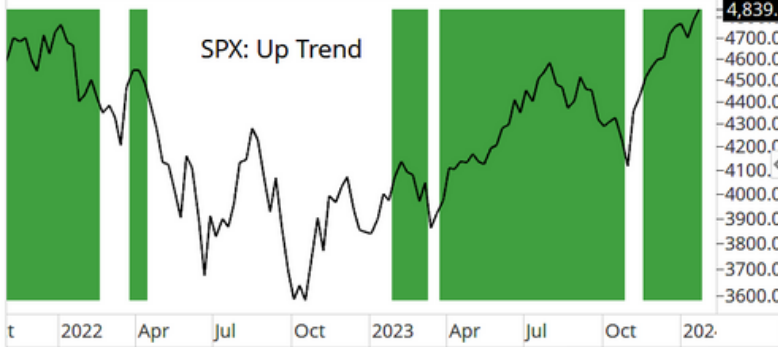
NASDAQ 100 Index - NDY (WI) - Daily Line Chart - USD - No Layout



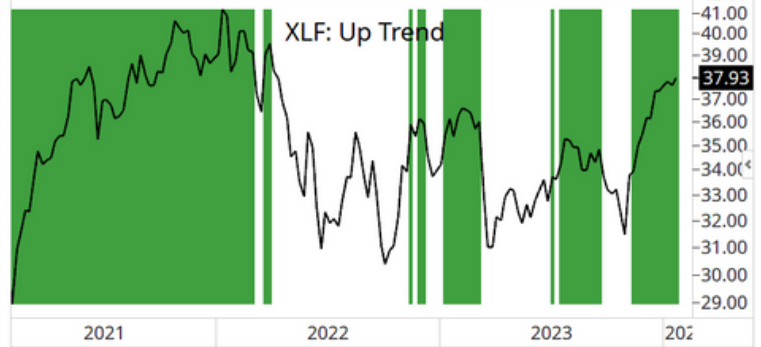
# TREND MODELS



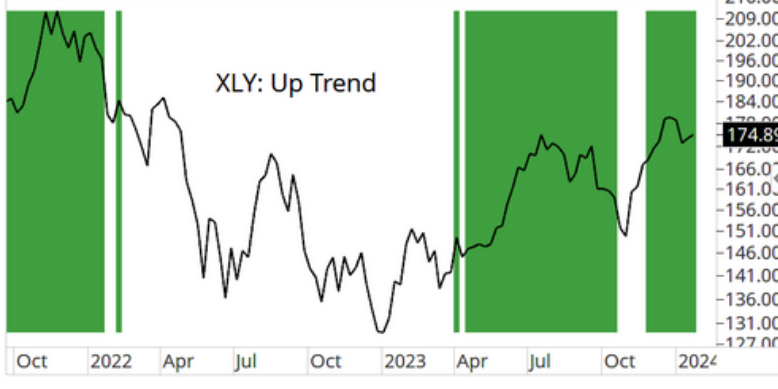
S&P 500 INDEX - SPX (WI) - Weekly Line Chart - USD - No Layout



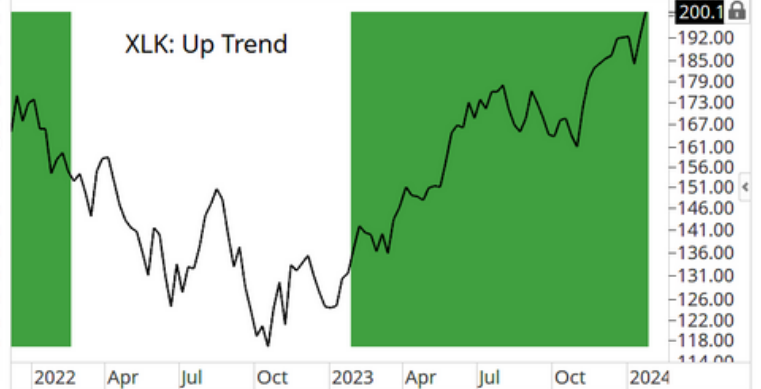
SPDR Financial Select Sector Fund ETF - XLF (US) - Weekly Line Chart - USD - Price Returns - No Layout



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



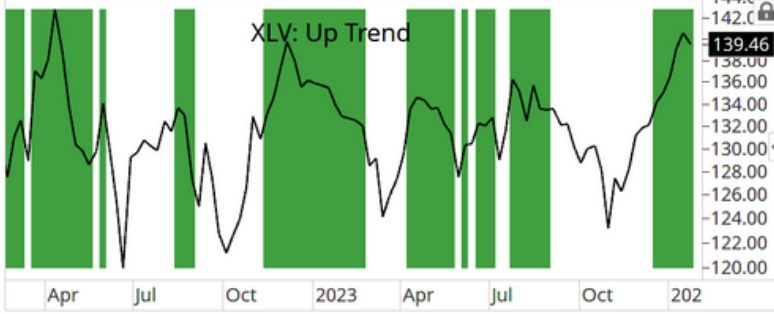
SPDR Technology Select Sector Fund ETF - XLK (US) - Weekly Line Chart - USD - Price Returns - No Layout



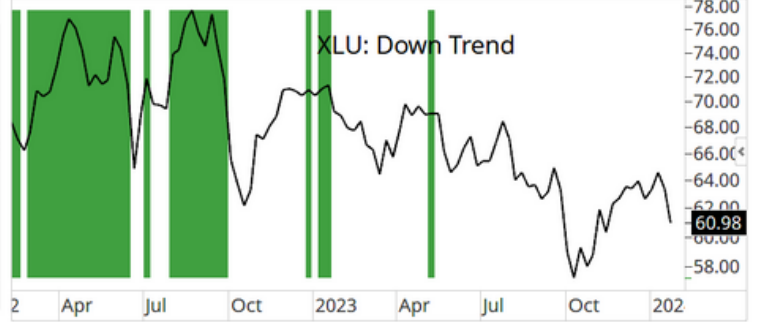
# TREND MODELS



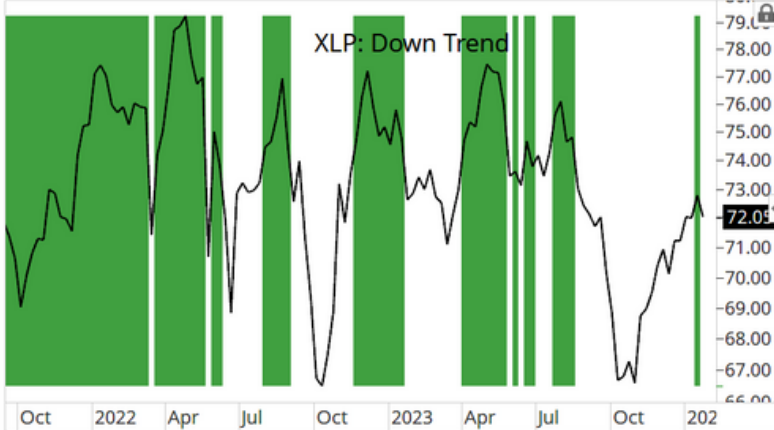
SPDR Health Care Select Sector Fund ETF - XLV (US) - Weekly Line Chart - USD - Price Returns - No Layout



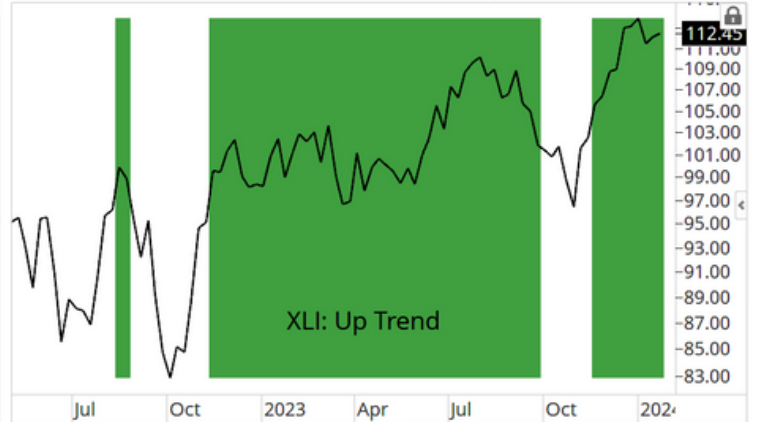
SPDR Utilities Select Sector Fund ETF - XLU (US) - Weekly Line Chart - USD - Price Returns - No Layout



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

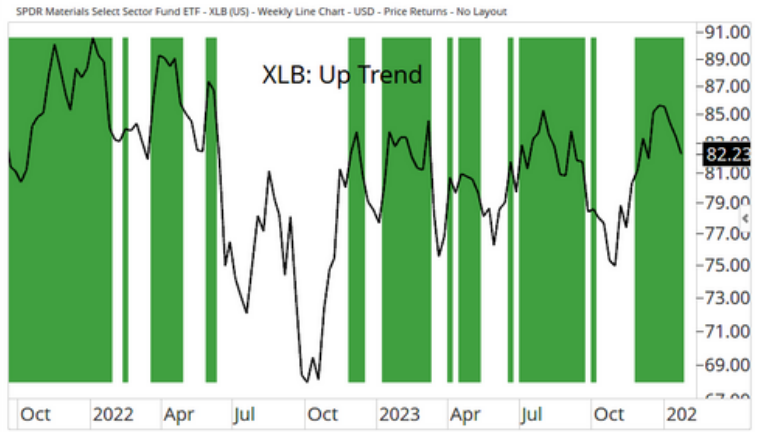
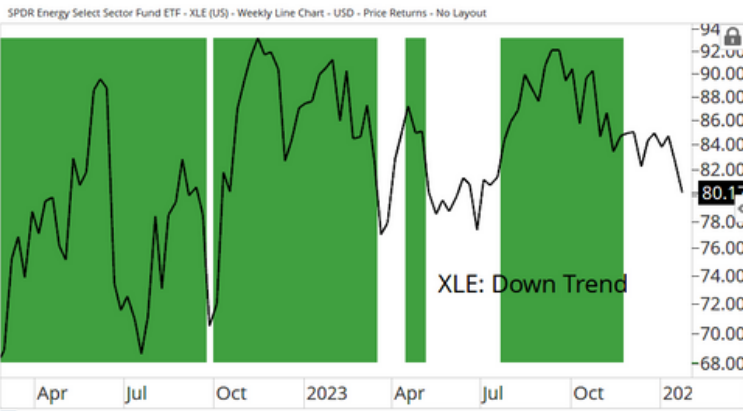
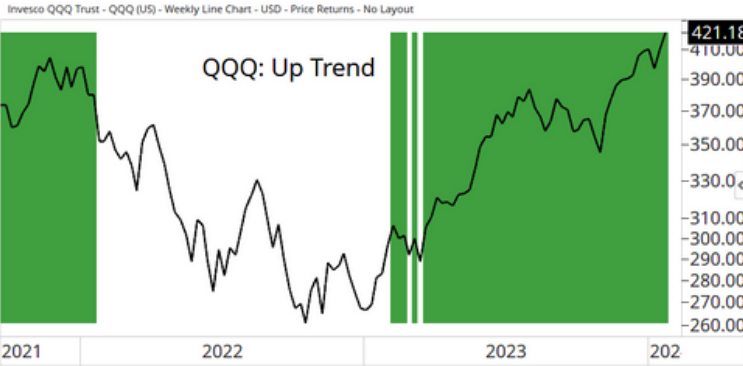


SPDR Industrial Select Sector Fund ETF - XLI (US) - Weekly Line Chart - USD - Price Returns - No Layout



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# TREND MODELS



Optima

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