THRASHER ANALYTICS

APRIL 3, 2022

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WEEKLY RESEARCH & ANALYSIS

BY ANDREW THRASHER, CMT

SUMMARY OF MODELS

	Current	Wkly Change
Market Health Report	+10	Improving
Volatility Risk Trigger	24	Unchanged
Risk Appetite Ratios	.30	Declining
Bullishish Confidence Score	+5	Unchanged
S&P 500 Long-Term Trend	Up	Improving

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Volatility
Equities
Market Health Report
Hedge Fund Stocks
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Sentiment
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MARKET DASHBOARD

Sector Rotation: April	
Energy	XLE
Utilities	XLU
Materials	XLB

Fixed Income Rotation: Q2	
Emerging Market Debt	PCY
20+ Year Treasury	TLT

Market Health Report	
Breadth	3
Momentum	4
Sentiment	0
Trend	1
Volatility	2
Total	10

Index & Sector		
	Trend	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	47%	52%
Nasdaq 100	49%	55%
Nikkei	64%	67%
VIX	24%	19%
10yr Treasury	33%	25%
5yr Treasury	19%	19%
CRB Index	57%	62%
Crude Oil	65%	70%
Gold	63%	67%
U.S. Dollar	82%	82%
Bitcoin	62%	65%

**Green<25% Red>80%*

source: trade-futures.com

Brief Summary:

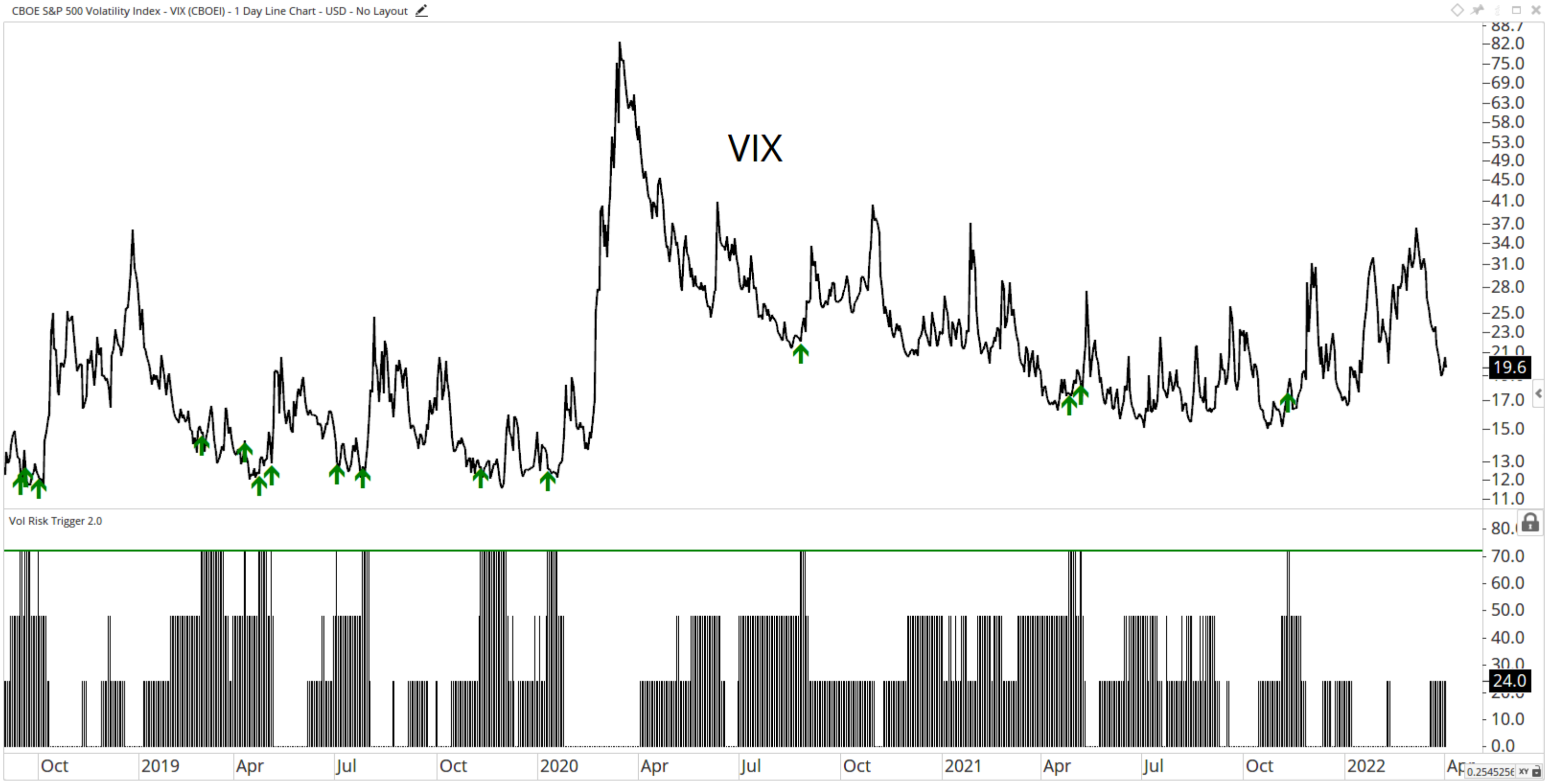
Stocks attempted to make some progress advancing further off the March lows last week but much of that progress was given back on Thursday and Friday, finishing the week basically flat. Risk Appetite continues to move lower but we have the start to a rising trend in short-term breadth. The Market Health Report (MHR) has risen to a multi-year high and we advance into April, which has historically been a bullish month for U.S. stocks. The February highs in the S&P 500 and the 100-day MA remain the focus of buyers, above that level and they have a clearer path to new highs but if we drop back under the 200-day MA then the weight of the evidence may slide back to the 'counter-trend bounce' group and we see stocks slide further. We still have over 30% of large cap stocks down over 20+% and barely half of equities are above their 200-day moving average.

From a sector viewpoint, the preference seems to be for defensive stocks, which are showing stronger signs of internal improvement. So much so, that over 75% of utility stocks have "overbought" momentum based on the RSI, condition that often leads to at least a minor pullback in the sector.

Bonds continue to be one of the most hated assets, and the latest COT data adds evidence to this, with Large Traders dropping their net position to a multi-year low. Contrarians may find interest in bonds at this stage, with the market pricing in 'peak hawkishness' by the Fed, sentiment towards bonds has rarely been lower than it is today.

VOLATILITY: VRT

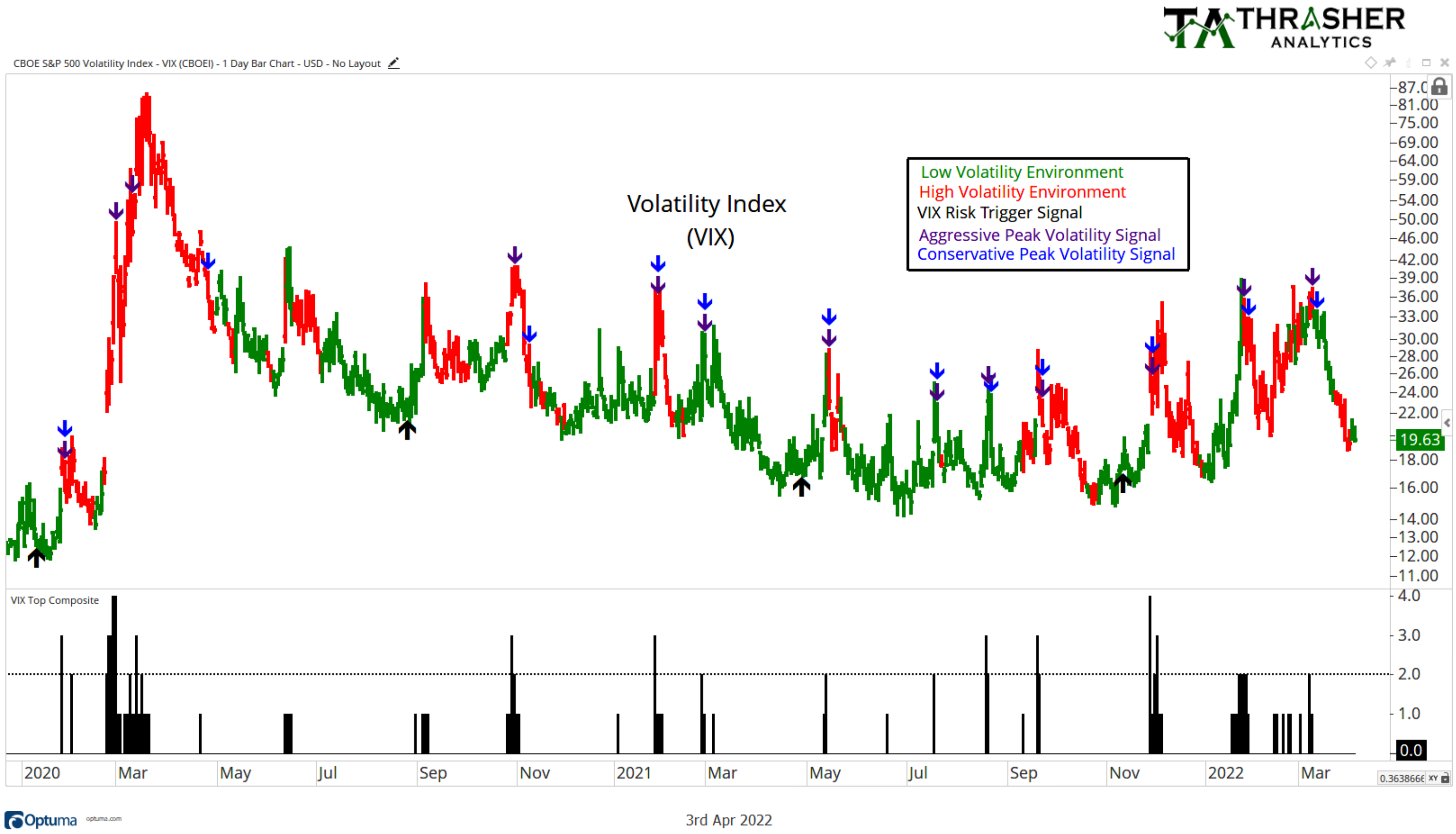
VRT remains below its signal threshold but remains at 24 during all of last week with certain components meeting their threshold levels.



3rd Apr 2022

VOLATILITY: TOP & ENVIRONMENT

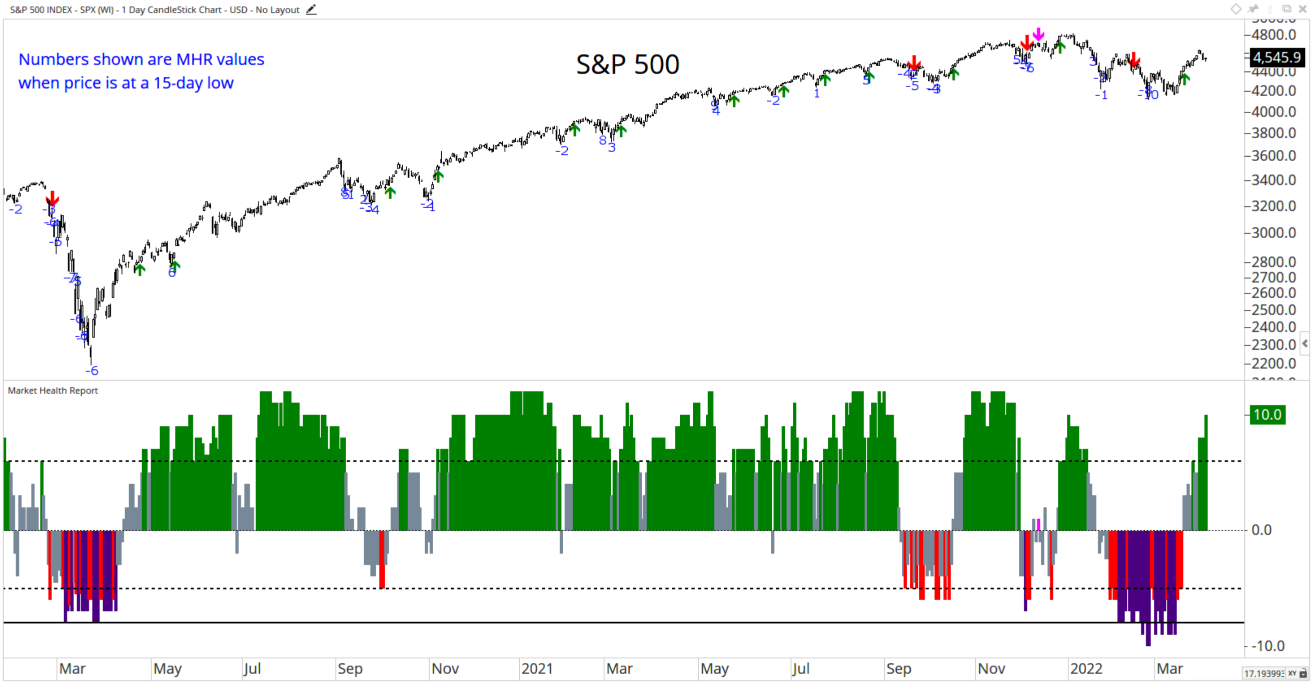
VIX continued lower last week with a slight uptick at the end of the week and how moved back into a Low Volatility Environment.



Market Health Report

The Market Health Report (MHR) finished on Friday at +10, its highest reading in several months. All five categories are at or above 0. If equities can regain the February highs, there appears to be good support from internals to continue higher but I'm keeping a close eye on that February levels.

THRASHER ANALYTICS



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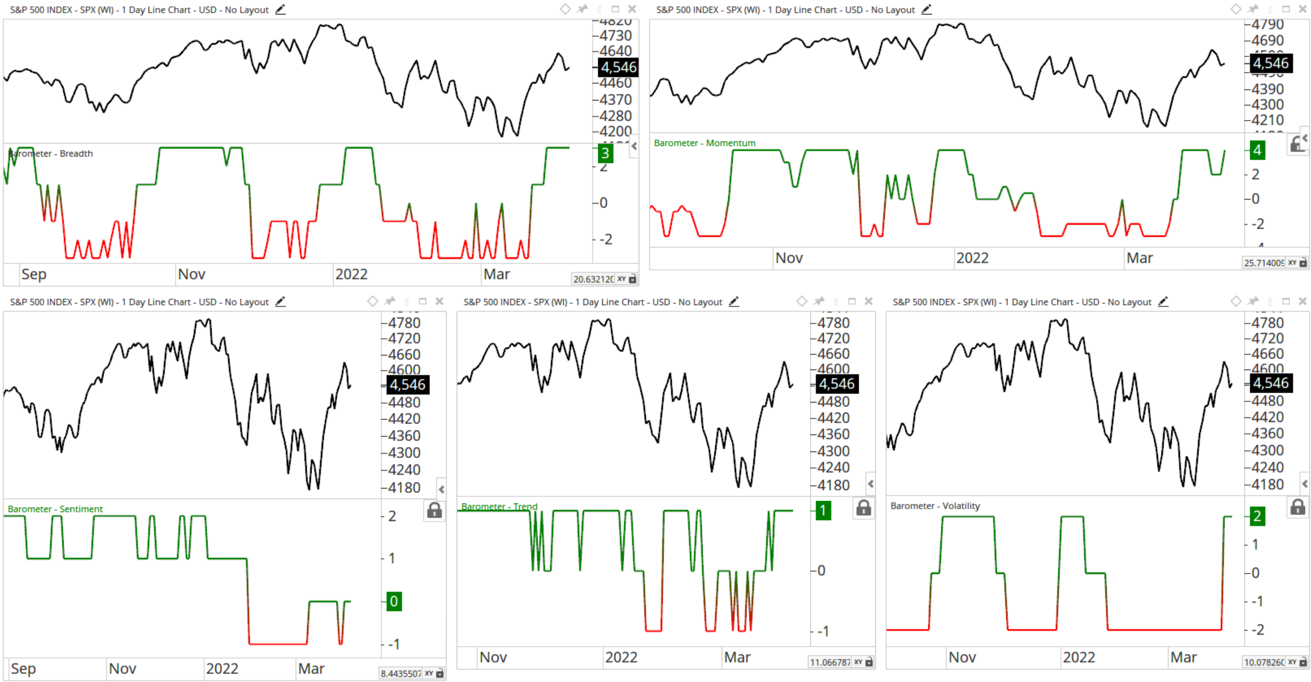

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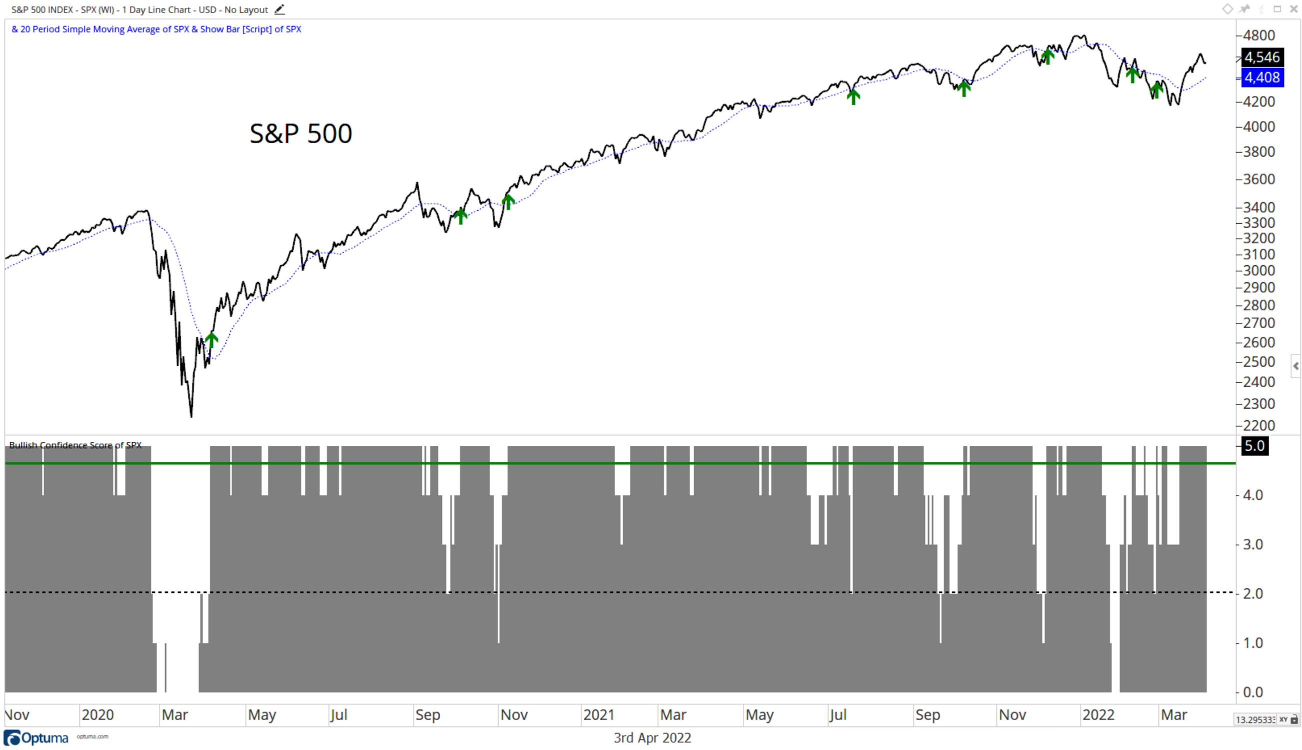
BULLISH CONFIDENCE SCORE

The Bullish Confidence Score remains at +5.



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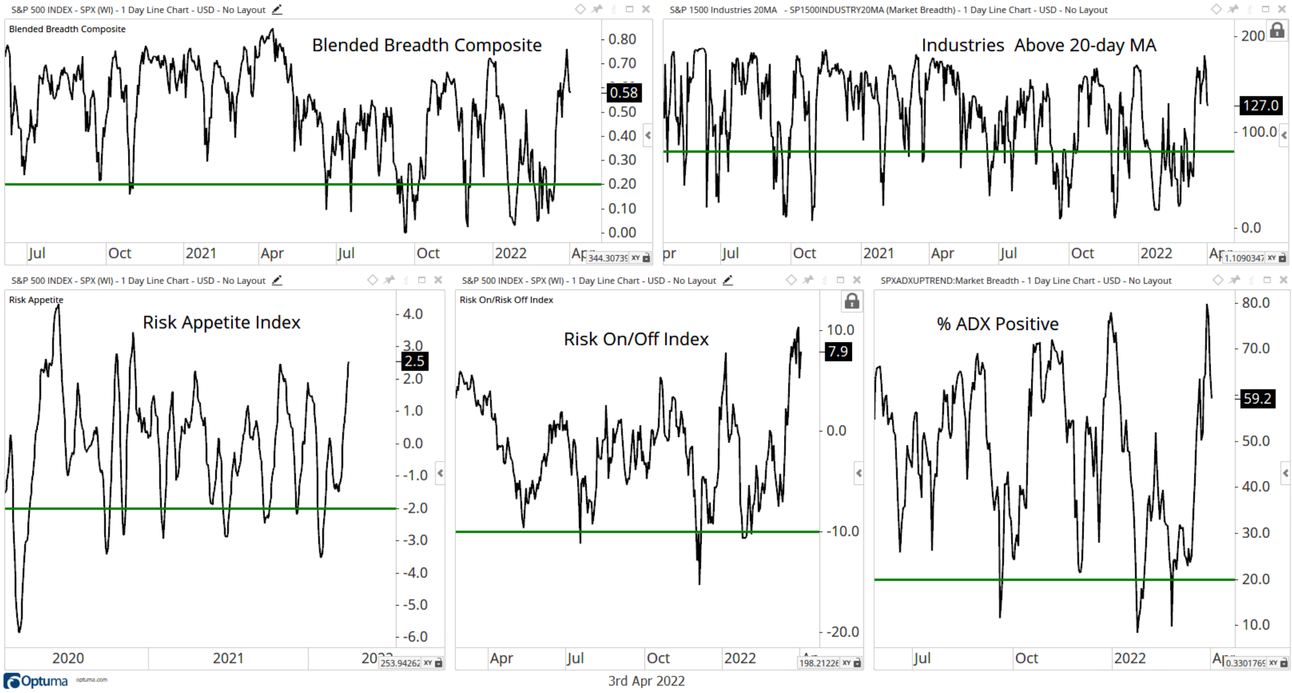

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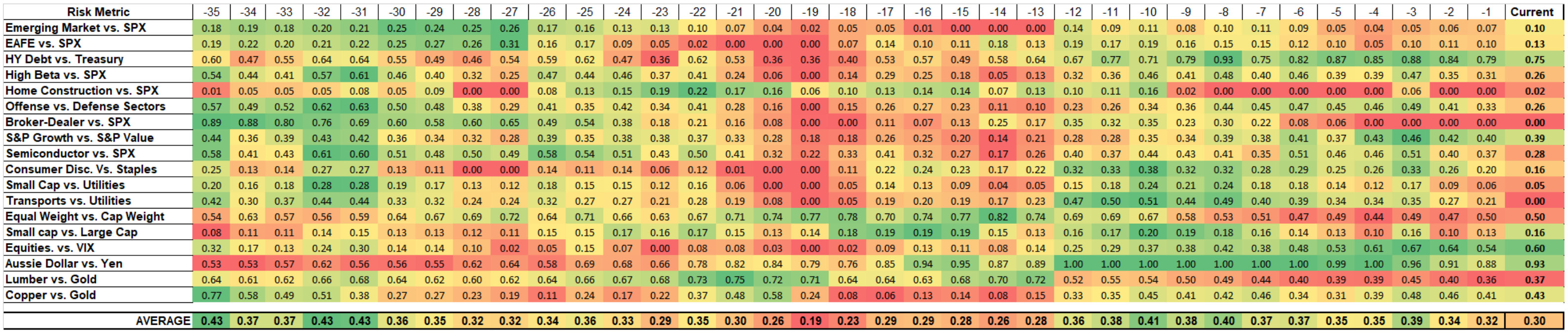
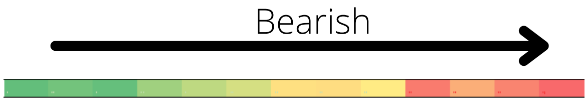
RISK APPETITE RATIO

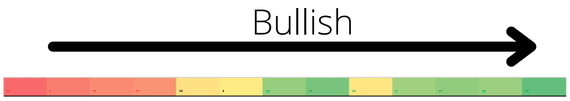
Below is a table of 18 gauges of risk appetite such as offense vs. defense sectors, foreign markets vs. domestic, small vs. large cap, lumber vs gold, high beta vs. broad market, high yield debt vs. Treasury debt, etc. The table shows each ratio's 1-year percentile going back the last 3-months (35 trading days). As the data improves, it turns green and as it declines it becomes red.

The average Risk Appetite Ratio percentile saw a move lower last week.



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	0.18	0.19	0.18	0.20	0.21	0.25	0.24	0.25	0.26	0.17	0.16	0.13	0.13	0.10	0.07	0.04	0.02	0.05	0.05	0.01	0.00	0.00	0.00	0.14	0.09	0.11	0.08	0.10	0.11	0.09	0.05	0.04	0.05	0.06	0.07	**0.10**
EAFE vs. SPX	0.19	0.22	0.20	0.21	0.22	0.25	0.27	0.26	0.31	0.16	0.17	0.09	0.05	0.02	0.00	0.00	0.00	0.07	0.14	0.10	0.11	0.18	0.13	0.19	0.17	0.19	0.16	0.15	0.15	0.12	0.10	0.05	0.10	0.11	0.10	**0.13**
HY Debt vs. Treasury	0.60	0.47	0.55	0.64	0.64	0.55	0.49	0.46	0.54	0.59	0.62	0.47	0.36	0.62	0.53	0.36	0.36	0.40	0.53	0.57	0.49	0.58	0.64	0.67	0.77	0.71	0.79	0.93	0.75	0.82	0.87	0.85	0.88	0.84	0.79	**0.75**
High Beta vs. SPX	0.54	0.44	0.41	0.57	0.61	0.46	0.40	0.32	0.25	0.47	0.44	0.46	0.37	0.41	0.24	0.06	0.00	0.14	0.29	0.25	0.18	0.05	0.13	0.32	0.36	0.46	0.41	0.48	0.40	0.46	0.39	0.39	0.47	0.35	0.31	**0.26**
Home Construction vs. SPX	0.01	0.05	0.05	0.05	0.08	0.05	0.09	0.00	0.00	0.08	0.13	0.15	0.19	0.22	0.17	0.16	0.06	0.10	0.13	0.14	0.14	0.07	0.13	0.10	0.11	0.16	0.02	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	**0.02**
Offense vs. Defense Sectors	0.57	0.49	0.52	0.62	0.63	0.50	0.48	0.38	0.29	0.41	0.35	0.42	0.34	0.41	0.28	0.16	0.00	0.15	0.26	0.27	0.23	0.11	0.10	0.23	0.26	0.34	0.36	0.44	0.45	0.47	0.45	0.46	0.49	0.41	0.33	**0.26**
Broker-Dealer vs. SPX	0.89	0.88	0.80	0.76	0.69	0.60	0.58	0.60	0.65	0.49	0.54	0.38	0.18	0.21	0.16	0.08	0.00	0.00	0.11	0.07	0.13	0.25	0.17	0.35	0.32	0.35	0.23	0.30	0.22	0.08	0.06	0.00	0.00	0.00	0.00	**0.00**
S&P Growth vs. S&P Value	0.44	0.36	0.39	0.43	0.42	0.36	0.34	0.32	0.28	0.39	0.35	0.38	0.38	0.37	0.33	0.28	0.18	0.18	0.26	0.25	0.20	0.14	0.21	0.28	0.28	0.35	0.34	0.39	0.38	0.41	0.37	0.43	0.46	0.42	0.40	**0.39**
Semiconductor vs. SPX	0.58	0.41	0.43	0.61	0.60	0.51	0.48	0.50	0.49	0.58	0.54	0.51	0.43	0.50	0.41	0.32	0.22	0.33	0.41	0.32	0.27	0.17	0.26	0.40	0.37	0.44	0.43	0.41	0.35	0.51	0.46	0.46	0.51	0.40	0.37	**0.28**
Consumer Disc. Vs. Staples	0.25	0.13	0.14	0.27	0.27	0.13	0.11	0.00	0.00	0.14	0.11	0.14	0.06	0.12	0.01	0.00	0.00	0.11	0.22	0.24	0.23	0.17	0.22	0.32	0.33	0.38	0.32	0.32	0.28	0.29	0.25	0.26	0.33	0.26	0.20	**0.16**
Small Cap vs. Utilities	0.20	0.16	0.18	0.28	0.28	0.19	0.17	0.13	0.12	0.18	0.15	0.15	0.12	0.16	0.06	0.00	0.00	0.05	0.14	0.13	0.09	0.04	0.05	0.15	0.18	0.24	0.21	0.24	0.18	0.18	0.14	0.12	0.17	0.09	0.06	**0.05**
Transports vs. Utilities	0.42	0.30	0.37	0.44	0.44	0.33	0.32	0.24	0.24	0.32	0.27	0.27	0.21	0.28	0.19	0.08	0.00	0.05	0.19	0.20	0.19	0.17	0.23	0.47	0.50	0.51	0.44	0.49	0.40	0.39	0.34	0.34	0.35	0.27	0.21	**0.00**
Equal Weight vs. Cap Weight	0.54	0.63	0.57	0.56	0.59	0.64	0.67	0.69	0.72	0.64	0.71	0.66	0.63	0.67	0.71	0.74	0.77	0.78	0.70	0.74	0.77	0.82	0.74	0.69	0.69	0.67	0.58	0.53	0.51	0.47	0.49	0.44	0.49	0.47	0.50	**0.50**
Small cap vs. Large Cap	0.08	0.11	0.11	0.14	0.15	0.13	0.13	0.12	0.11	0.15	0.15	0.17	0.16	0.17	0.15	0.13	0.14	0.18	0.19	0.19	0.19	0.15	0.13	0.16	0.17	0.20	0.19	0.18	0.16	0.14	0.13	0.10	0.16	0.10	0.13	**0.16**
Equities. vs. VIX	0.32	0.17	0.13	0.24	0.30	0.14	0.14	0.10	0.02	0.05	0.15	0.07	0.00	0.08	0.08	0.03	0.00	0.02	0.09	0.13	0.11	0.08	0.14	0.25	0.29	0.37	0.38	0.42	0.38	0.48	0.53	0.61	0.67	0.64	0.54	**0.60**
Aussie Dollar vs. Yen	0.53	0.53	0.57	0.62	0.56	0.56	0.55	0.62	0.64	0.58	0.69	0.68	0.66	0.78	0.82	0.84	0.79	0.76	0.85	0.94	0.95	0.87	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	0.96	0.91	0.88	**0.93**
Lumber vs. Gold	0.64	0.61	0.62	0.66	0.68	0.64	0.62	0.60	0.62	0.64	0.66	0.67	0.68	0.73	0.75	0.72	0.71	0.64	0.64	0.63	0.68	0.70	0.72	0.52	0.55	0.54	0.50	0.49	0.44	0.40	0.39	0.39	0.45	0.40	0.36	**0.37**
Copper vs. Gold	0.77	0.58	0.49	0.51	0.38	0.27	0.27	0.23	0.19	0.11	0.24	0.17	0.22	0.37	0.48	0.58	0.24	0.08	0.06	0.13	0.14	0.08	0.15	0.33	0.35	0.45	0.41	0.42	0.46	0.34	0.31	0.39	0.48	0.46	0.41	**0.43**
AVERAGE	**0.43**	**0.37**	**0.37**	**0.43**	**0.43**	**0.36**	**0.35**	**0.32**	**0.32**	**0.34**	**0.36**	**0.33**	**0.29**	**0.35**	**0.30**	**0.26**	**0.19**	**0.23**	**0.29**	**0.29**	**0.28**	**0.26**	**0.28**	**0.36**	**0.38**	**0.41**	**0.38**	**0.40**	**0.37**	**0.37**	**0.35**	**0.35**	**0.39**	**0.34**	**0.32**	**0.30**

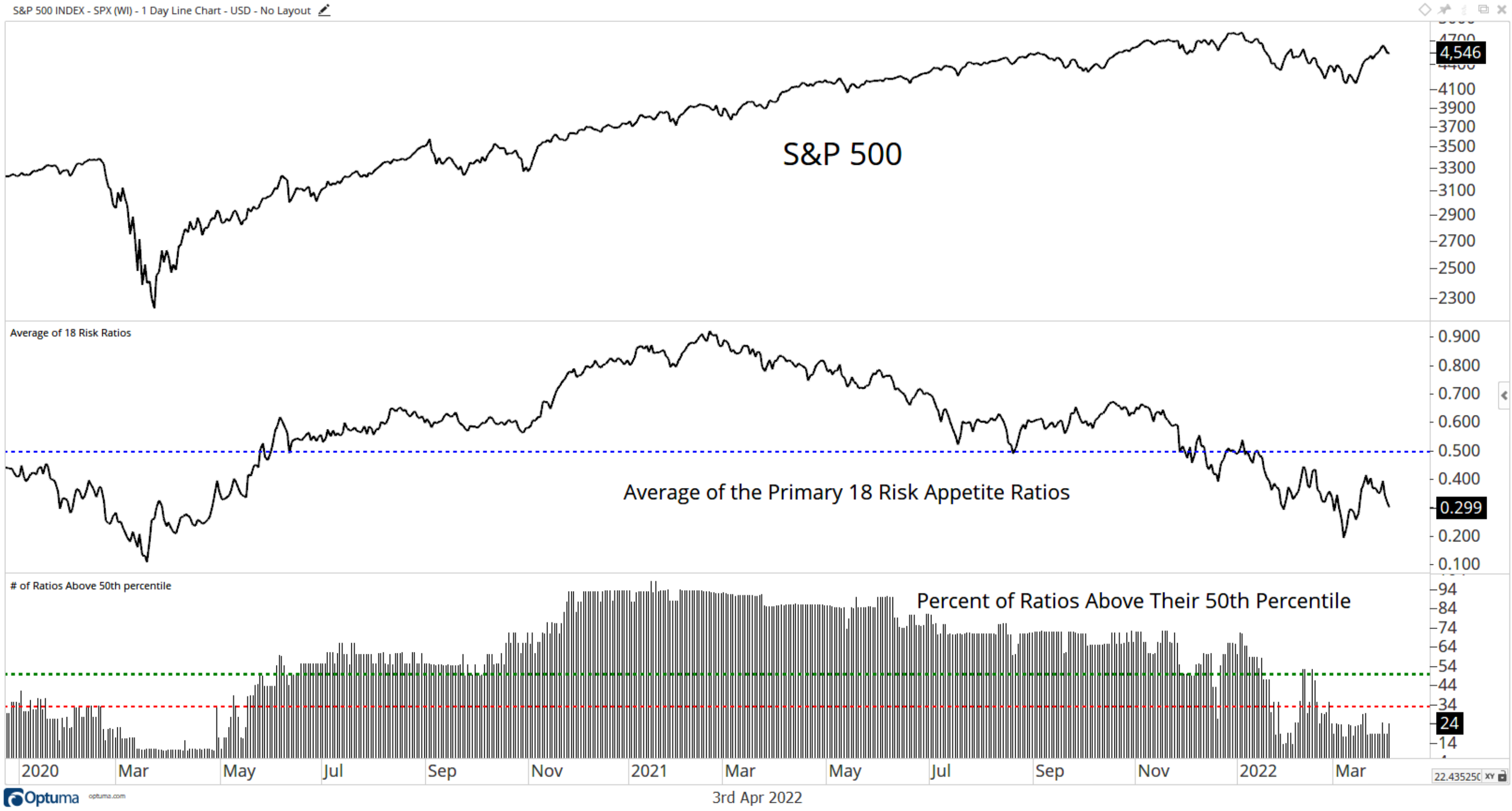




RISK APPETITE RATIO

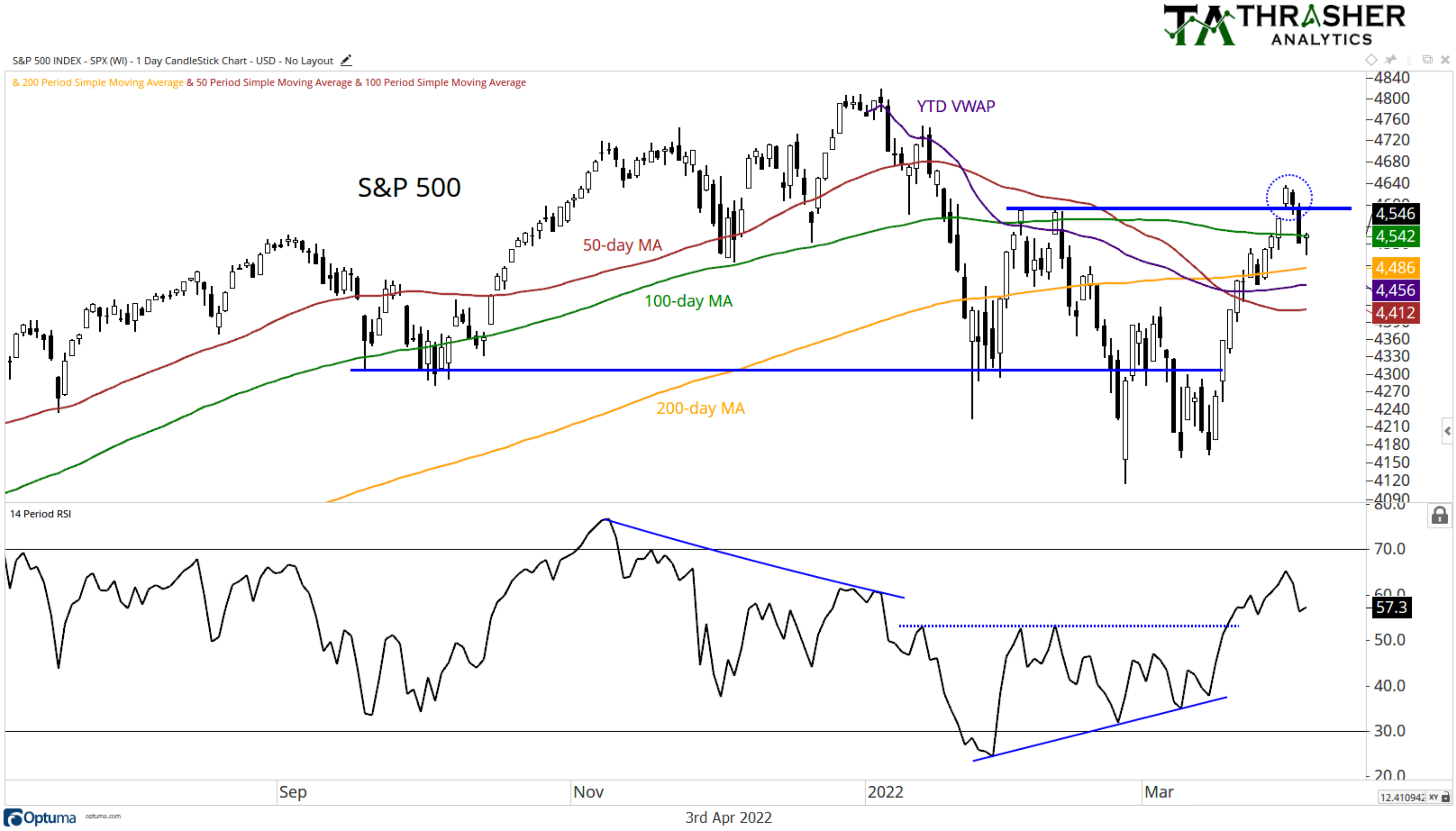
The average of the 18 RARs moved lower to the 30th percentile last week. Following last week's decline, risk appetite continued moving lower despite the strength shown in major indices. SPX closed flat on the week but the average of the RARs is closer to the March lows than it is to the YTD high.

THRASHER ANALYTICS



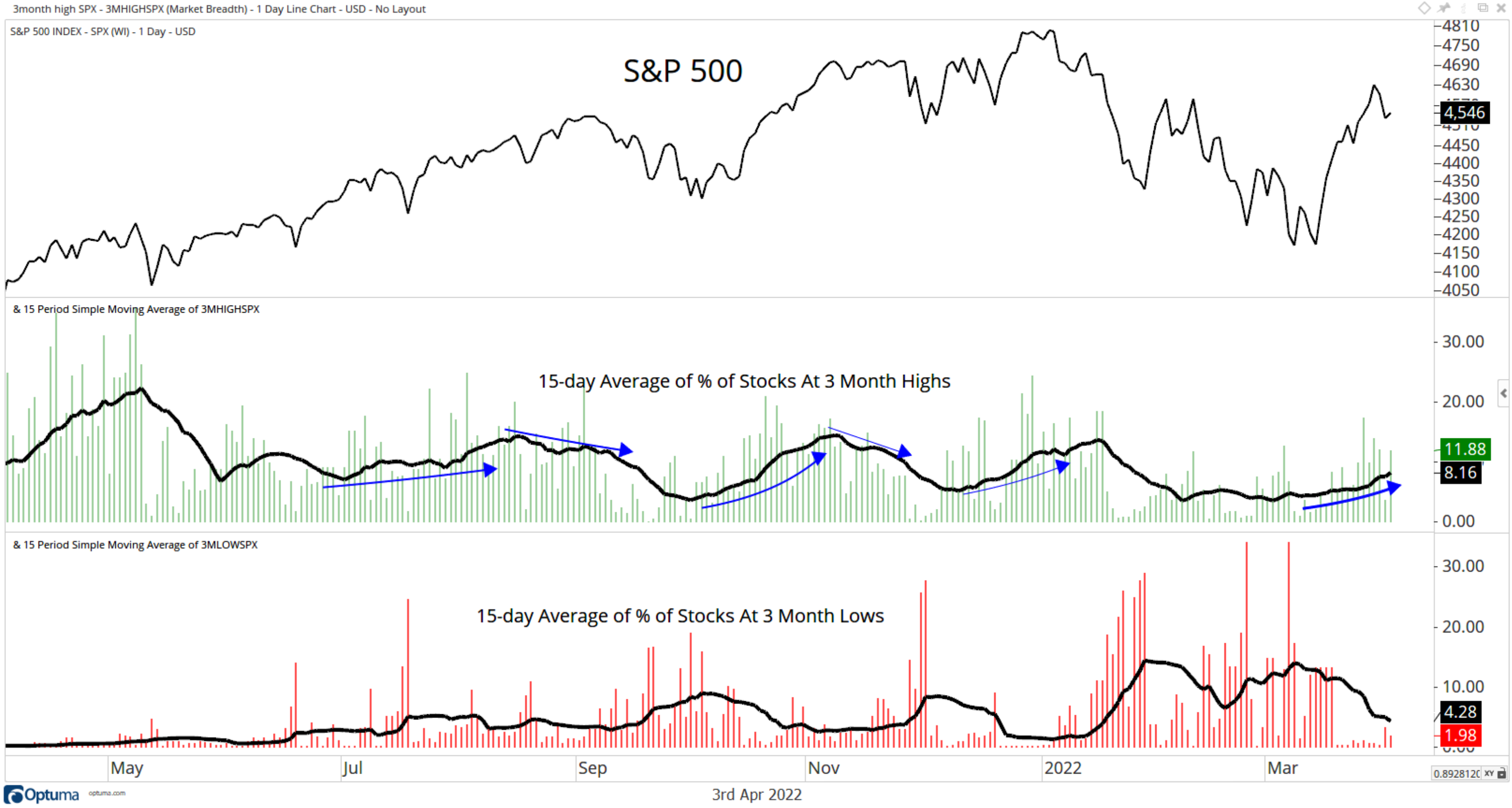
EQUITIES - S&P 500 DAILY

I wrote last week that I was watching 4550 and the 100-day moving average, we saw a good break above these levels mid-week, but Thursday and Friday were unable to finish the week above. We ended up finishing flat on the week, 4 points above the 100-day MA and back below the February highs. I discussed these key levels on Fox Business last week, noting that the battle would be fought between here and the 200-day MA for where we go in the next leg of price action. Should we regain 4550/Feb. highs then there's not much to hold back bulls from making a run back to 4800 and another new 52-week high. But if we dip further and lose that 200-day MA, then the drop in Risk Appetite will be confirmed, and bears may get a chance to take back control.



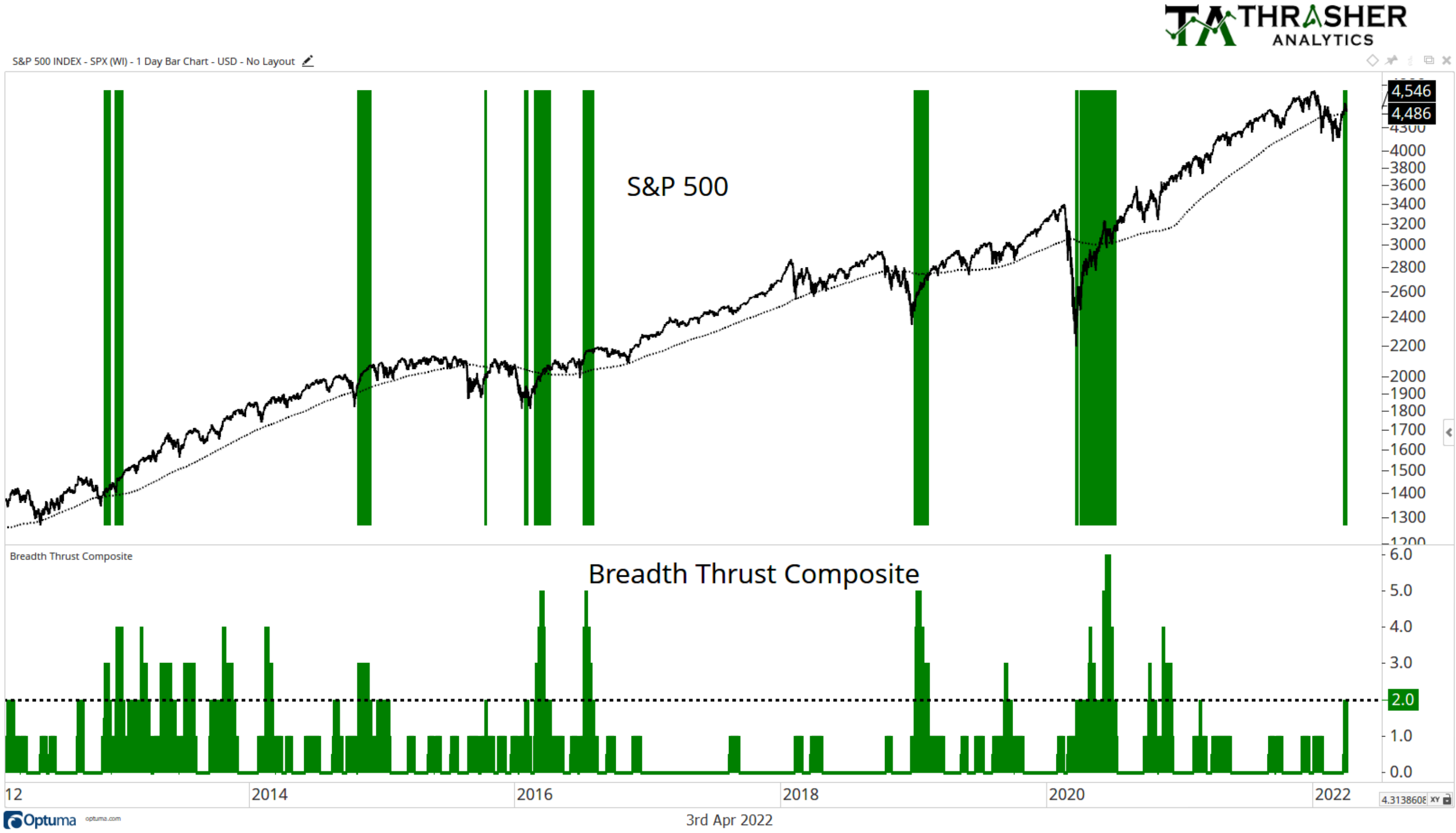
EQUITIES - SPX 3-MONTH HIGHS

We're building up a nice up trend in new 3-month highs in the S&P 500. Below we have the 3-month daily new highs, with a 15-day average. The average has begun turning up with the latest strength in large caps. This is a positive development for equities.



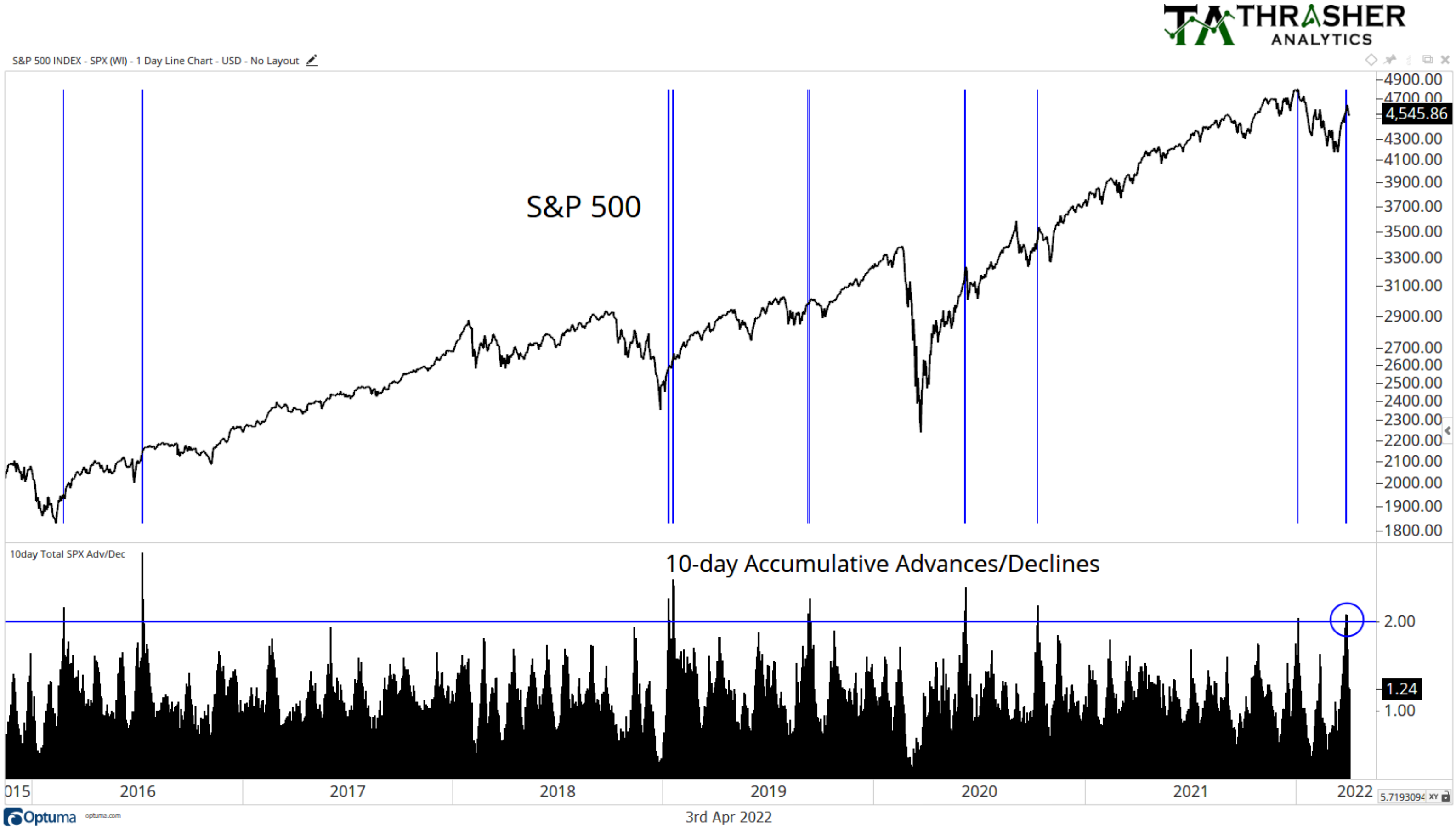
EQUITIES - BREADTH THRUST

We had two breadth thrusts towards the end of last week, I'll show one example on the next page but first we have the Breadth Thrust Composite below. Two or more thrusts within a specific lookback period has been bullish for stocks, with just a few historical failed moves (most recent in 2015).



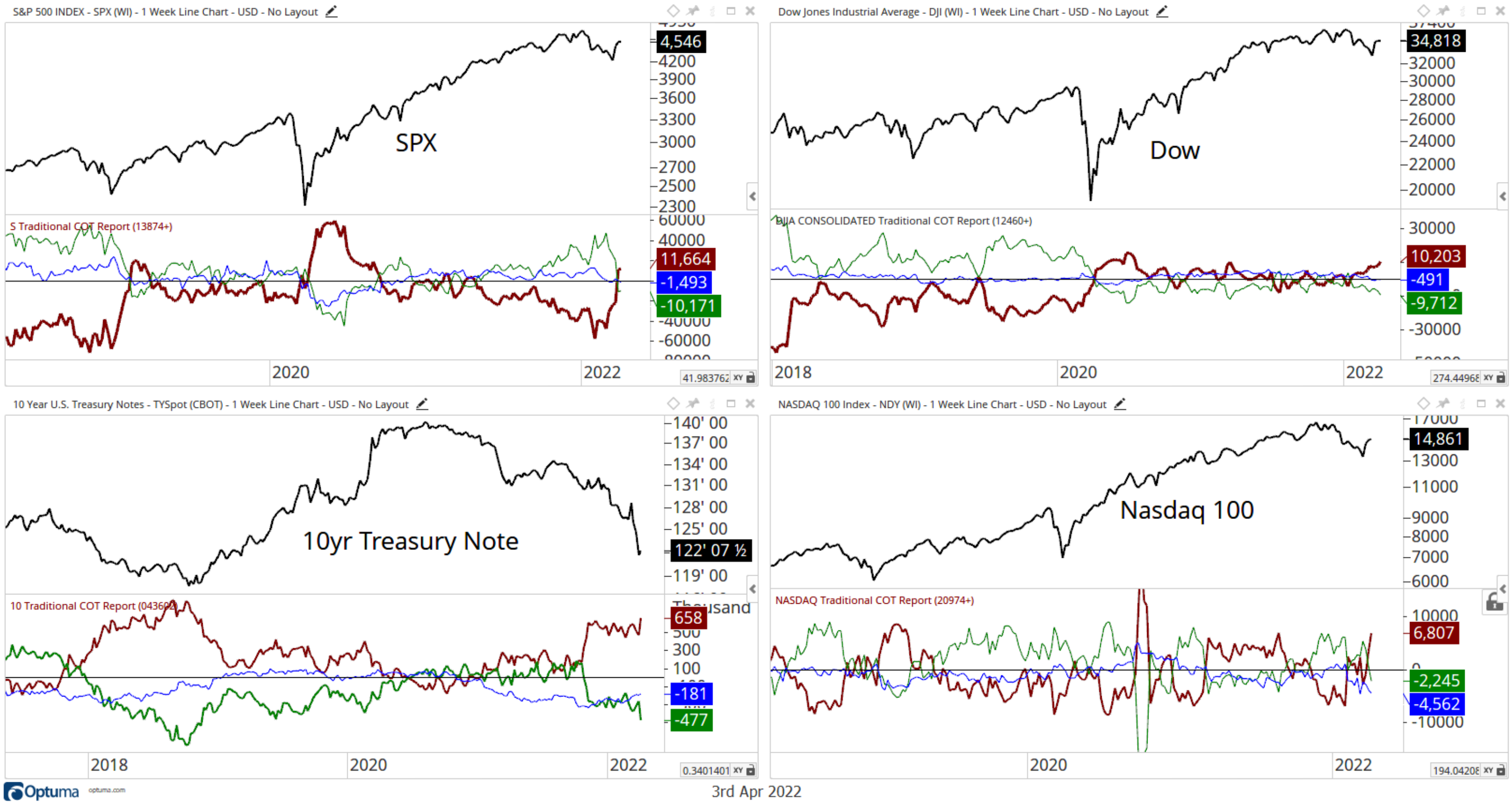
EQUITIES - BREADTH THRUST

One of the breadth thrusts signaled last week that's part of the Composite is the 10-day accumulative total of advances/declines. This takes the total number of advancing large cap stocks over 2 weeks divided by the 10 day total of declines. When this ratio hits 2:1, that signals a thrust, a sign of strong price action. One observation about this type of thrust is that it also often is immediately followed by a pullback (as observed on the chart below). After this kind of price move stocks often need a 'cooling off' period but they often are short-term in nature.



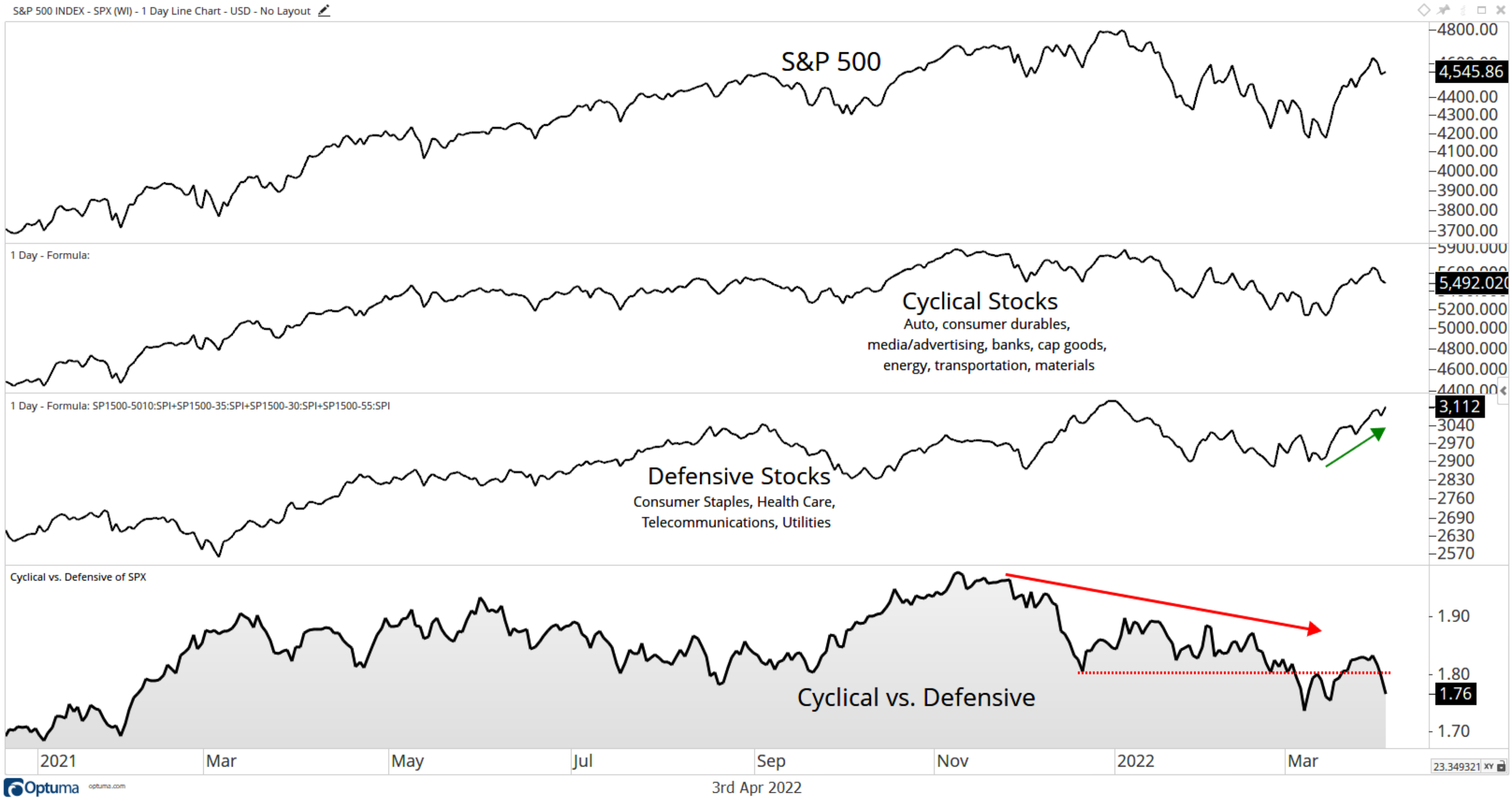
EQUITIES - EQUITY COT

Commercial Traders (dark red lines) continued to add to the net-long positions in S&P 500, Dow, and Nasdaq 100 futures. This is offset by the strong lack of interest by Large Traders (green line) which are often hedge funds and large institutions, which continue to shed long exposure in equity index futures.



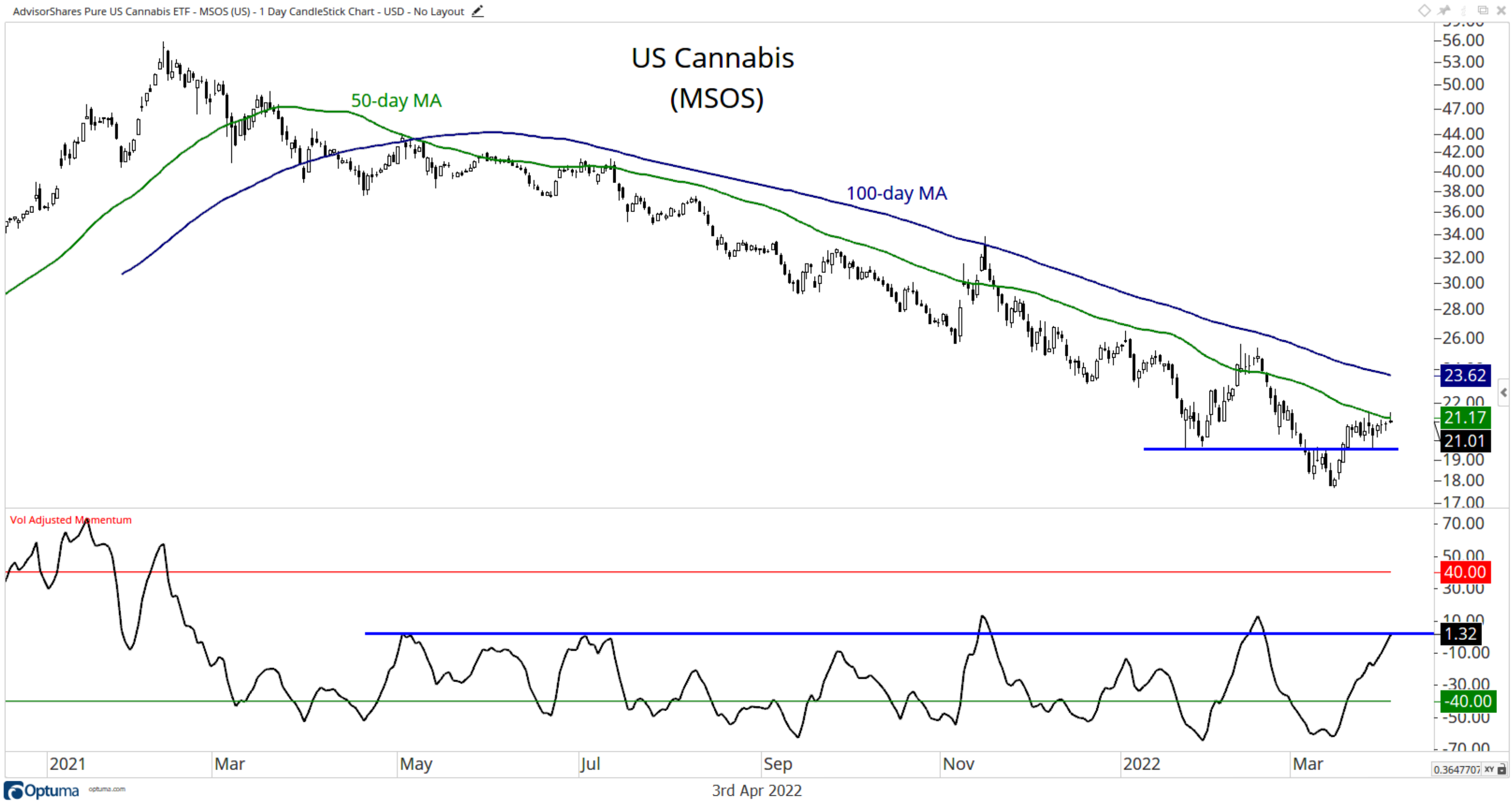
EQUITIES - CYCLICAL VS. DEFENSE

Similar to the Risk Appetite chart shared earlier, the relative performance of Cyclical Stocks vs. Defensive Stocks has failed to hold its initial burst of strength. Defensive stocks have been outperforming and are near their YTD highs. Meanwhile, the recent poor performance in transport stocks has dragged down the Cyclical basket. In the sector portion of the letter we can get an even better look at the strength in defensive sectors.



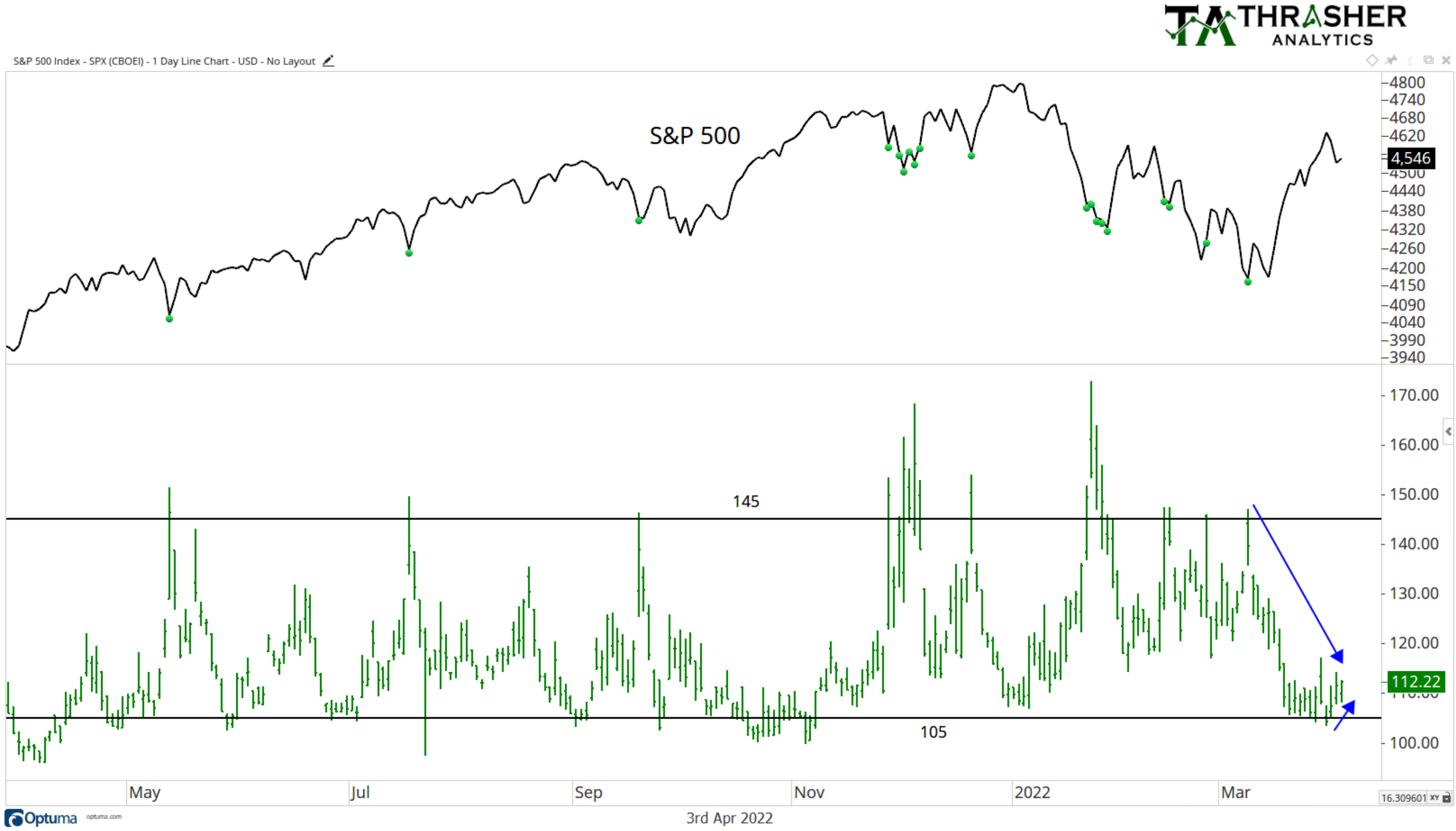
Equities - Cannabis

Cannabis stocks have been an interesting theme for the last 12-24 months, but the stocks have had poor performance. This is largely due to the gating off institutions being able to buy them, putting downside pressure on shares. MSOS, the ETF that represents U.S. cannabis companies has risen off its low but has yet to break above the 50-day MA, an area that keeps drawing in sellers. Many traders are looking for a bottom in this space, but we must take it one step at a time. First, the break above the prior low (blue line) is a good sign, next the 50-day MA and then the 100-day MA need to be taken out. The latest news of the SAFE Act being passed in the House is bullish but there's a long road for this space. Nonetheless, the long-term prospects are interesting to say the least.



VOLATILITY - VVIX

I've shared a version of this chart several times when VVIX (Volatility of the VIX) has gotten back to 145, which has been a bullish signal for equities. I last noted that VVIX had fallen back near 105 which had been a recent low-end of its range. VVIX strengthened slightly last week, moving up to 112 and shows some potential expectation that volatility (i.e. VIX) could expand. I do think volatility looks cheap around 20 and while we don't have a VRT signal, I wouldn't be surprised to see a higher VIX in the short-term. Again, this isn't based on a Thrasher Analytics model, just my personal observation.



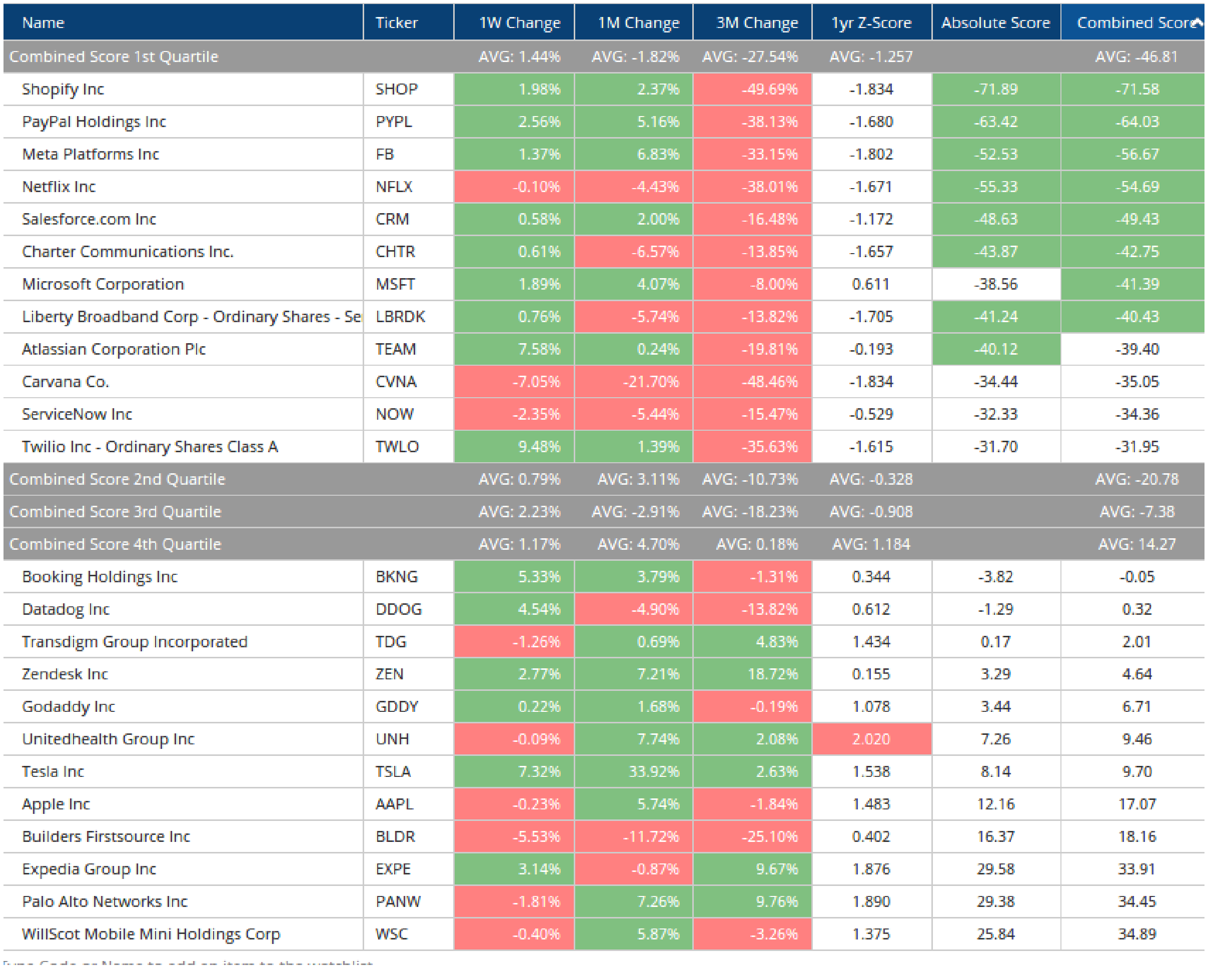
HEDGE FUND STOCKS

A new section of the report I'll be sharing in the new year will be looking at the most important stocks to hedge funds.

Using the Thrasher Analytics Mean Reversion Indicator (TAMRI), I've sorted the stocks by their combined (Absolute & Relative) score, showing the 1st and 4th quartiles. These are not buy and sell recommendations. These lists show stocks that have potential to mean revert higher (when the TAMRI is low) or revert lower (TAMRI is high). I've also included the 1-year z-score of each stock.

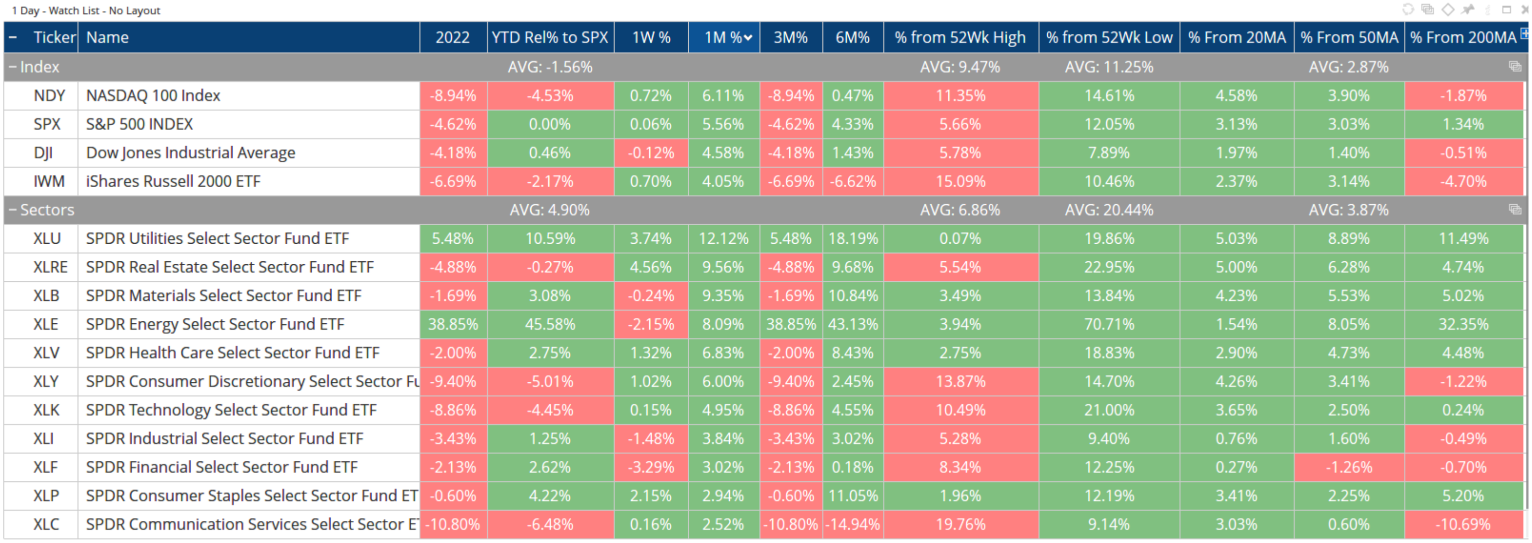
This can act as a great source of idea generation of stocks that hedge funds may be active buyers or sellers in the coming weeks. I'll provide an updated list each week.

Update: The list of hedge funds stocks has been refreshed to reflect new positioning.



Name	Ticker	1W Change	1M Change	3M Change	1yr Z-Score	Absolute Score	Combined Score
Combined Score 1st Quartile		AVG: 1.44%	AVG: -1.82%	AVG: -27.54%	AVG: -1.257		AVG: -46.81
Shopify Inc	SHOP	1.98%	2.37%	-49.69%	-1.834	-71.89	-71.58
PayPal Holdings Inc	PYPL	2.56%	5.16%	-38.13%	-1.680	-63.42	-64.03
Meta Platforms Inc	FB	1.37%	6.83%	-33.15%	-1.802	-52.53	-56.67
Netflix Inc	NFLX	-0.10%	-4.43%	-38.01%	-1.671	-55.33	-54.69
Salesforce.com Inc	CRM	0.58%	2.00%	-16.48%	-1.172	-48.63	-49.43
Charter Communications Inc.	CHTR	0.61%	-6.57%	-13.85%	-1.657	-43.87	-42.75
Microsoft Corporation	MSFT	1.89%	4.07%	-8.00%	0.611	-38.56	-41.39
Liberty Broadband Corp - Ordinary Shares - Se	LBRDK	0.76%	-5.74%	-13.82%	-1.705	-41.24	-40.43
Atlassian Corporation Plc	TEAM	7.58%	0.24%	-19.81%	-0.193	-40.12	-39.40
Carvana Co.	CVNA	-7.05%	-21.70%	-48.46%	-1.834	-34.44	-35.05
ServiceNow Inc	NOW	-2.35%	-5.44%	-15.47%	-0.529	-32.33	-34.36
Twilio Inc - Ordinary Shares Class A	TWLO	9.48%	1.39%	-35.63%	-1.615	-31.70	-31.95
Combined Score 2nd Quartile		AVG: 0.79%	AVG: 3.11%	AVG: -10.73%	AVG: -0.328		AVG: -20.78
Combined Score 3rd Quartile		AVG: 2.23%	AVG: -2.91%	AVG: -18.23%	AVG: -0.908		AVG: -7.38
Combined Score 4th Quartile		AVG: 1.17%	AVG: 4.70%	AVG: 0.18%	AVG: 1.184		AVG: 14.27
Booking Holdings Inc	BKNG	5.33%	3.79%	-1.31%	0.344	-3.82	-0.05
Datadog Inc	DDOG	4.54%	-4.90%	-13.82%	0.612	-1.29	0.32
Transdigm Group Incorporated	TDG	-1.26%	0.69%	4.83%	1.434	0.17	2.01
Zendesk Inc	ZEN	2.77%	7.21%	18.72%	0.155	3.29	4.64
Godaddy Inc	GDDY	0.22%	1.68%	-0.19%	1.078	3.44	6.71
Unitedhealth Group Inc	UNH	-0.09%	7.74%	2.08%	2.020	7.26	9.46
Tesla Inc	TSLA	7.32%	33.92%	2.63%	1.538	8.14	9.70
Apple Inc	AAPL	-0.23%	5.74%	-1.84%	1.483	12.16	17.07
Builders Firstsource Inc	BLDR	-5.53%	-11.72%	-25.10%	0.402	16.37	18.16
Expedia Group Inc	EXPE	3.14%	-0.87%	9.67%	1.876	29.58	33.91
Palo Alto Networks Inc	PANW	-1.81%	7.26%	9.76%	1.890	29.38	34.45
WillScot Mobile Mini Holdings Corp	WSC	-0.40%	5.87%	-3.26%	1.375	25.84	34.89

SECTOR PERFORMANCE

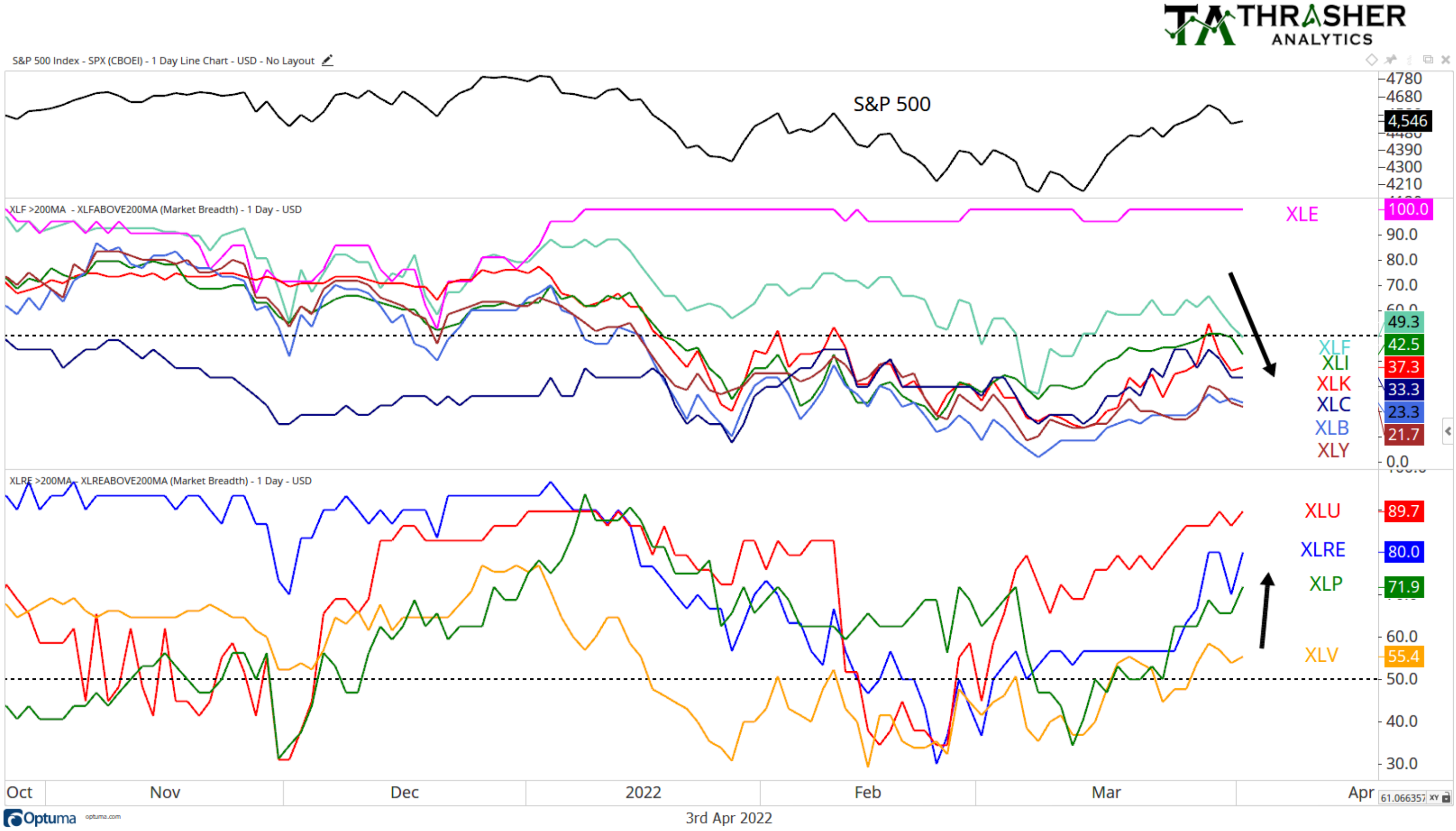


1 Day - Watch List - No Layout

Ticker	Name	2022	YTD Rel% to SPX	1W %	1M %	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA
− Index			AVG: -1.56%					AVG: 9.47%	AVG: 11.25%		AVG: 2.87%	
NDY	NASDAQ 100 Index	-8.94%	-4.53%	0.72%	6.11%	-8.94%	0.47%	11.35%	14.61%	4.58%	3.90%	-1.87%
SPX	S&P 500 INDEX	-4.62%	0.00%	0.06%	5.56%	-4.62%	4.33%	5.66%	12.05%	3.13%	3.03%	1.34%
DJI	Dow Jones Industrial Average	-4.18%	0.46%	-0.12%	4.58%	-4.18%	1.43%	5.78%	7.89%	1.97%	1.40%	-0.51%
IWM	iShares Russell 2000 ETF	-6.69%	-2.17%	0.70%	4.05%	-6.69%	-6.62%	15.09%	10.46%	2.37%	3.14%	-4.70%
− Sectors			AVG: 4.90%					AVG: 6.86%	AVG: 20.44%		AVG: 3.87%	
XLU	SPDR Utilities Select Sector Fund ETF	5.48%	10.59%	3.74%	12.12%	5.48%	18.19%	0.07%	19.86%	5.03%	8.89%	11.49%
XLRE	SPDR Real Estate Select Sector Fund ETF	-4.88%	-0.27%	4.56%	9.56%	-4.88%	9.68%	5.54%	22.95%	5.00%	6.28%	4.74%
XLB	SPDR Materials Select Sector Fund ETF	-1.69%	3.08%	-0.24%	9.35%	-1.69%	10.84%	3.49%	13.84%	4.23%	5.53%	5.02%
XLE	SPDR Energy Select Sector Fund ETF	38.85%	45.58%	-2.15%	8.09%	38.85%	43.13%	3.94%	70.71%	1.54%	8.05%	32.35%
XLV	SPDR Health Care Select Sector Fund ETF	-2.00%	2.75%	1.32%	6.83%	-2.00%	8.43%	2.75%	18.83%	2.90%	4.73%	4.48%
XLY	SPDR Consumer Discretionary Select Sector Fu	-9.40%	-5.01%	1.02%	6.00%	-9.40%	2.45%	13.87%	14.70%	4.26%	3.41%	-1.22%
XLK	SPDR Technology Select Sector Fund ETF	-8.86%	-4.45%	0.15%	4.95%	-8.86%	4.55%	10.49%	21.00%	3.65%	2.50%	0.24%
XLI	SPDR Industrial Select Sector Fund ETF	-3.43%	1.25%	-1.48%	3.84%	-3.43%	3.02%	5.28%	9.40%	0.76%	1.60%	-0.49%
XLF	SPDR Financial Select Sector Fund ETF	-2.13%	2.62%	-3.29%	3.02%	-2.13%	0.18%	8.34%	12.25%	0.27%	-1.26%	-0.70%
XLP	SPDR Consumer Staples Select Sector Fund ET	-0.60%	4.22%	2.15%	2.94%	-0.60%	11.05%	1.96%	12.19%	3.41%	2.25%	5.20%
XLC	SPDR Communication Services Select Sector E	-10.80%	-6.48%	0.16%	2.52%	-10.80%	-14.94%	19.76%	9.14%	3.03%	0.60%	-10.69%

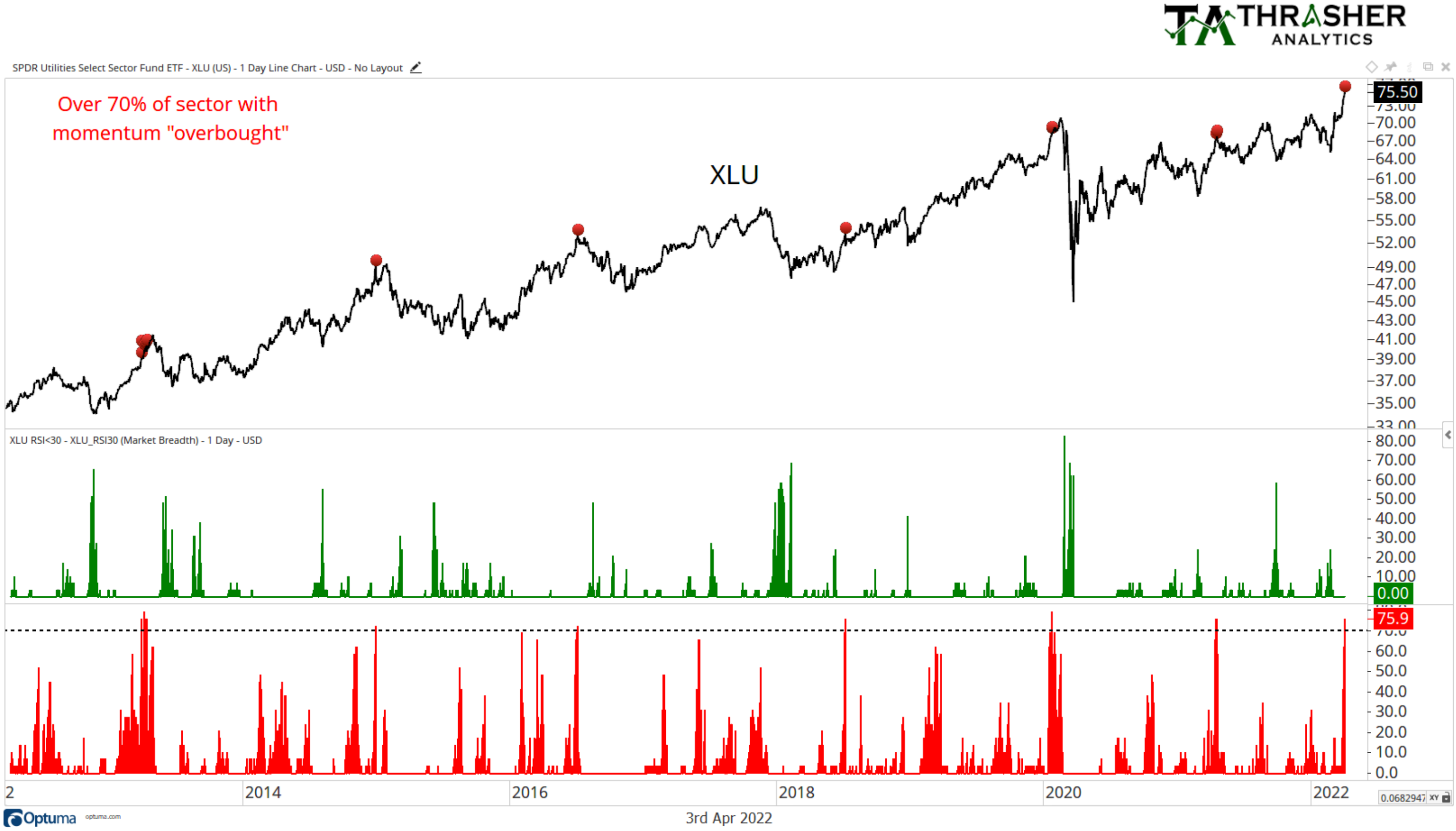
SECTOR - BREADTH

I think this look at sector breadth provides a lot of great insight, which is why I've been sharing it most weeks. Note the latest trends in the data between the 'offensive' and 'defensive' sectors. Clear strength showing up in defensive sectors (XLU, XLRE, XLP, & XLV) - all of which have at least 55% of their stocks trading above the 200-day moving average. Meanwhile, Only XLE in the 'offensive' group has at least half of their stocks above the long-term average and many of these sectors saw moves lower in their breadth readings. It appears while investors are showing interest in equities, it's more towards defensive corners of the market.



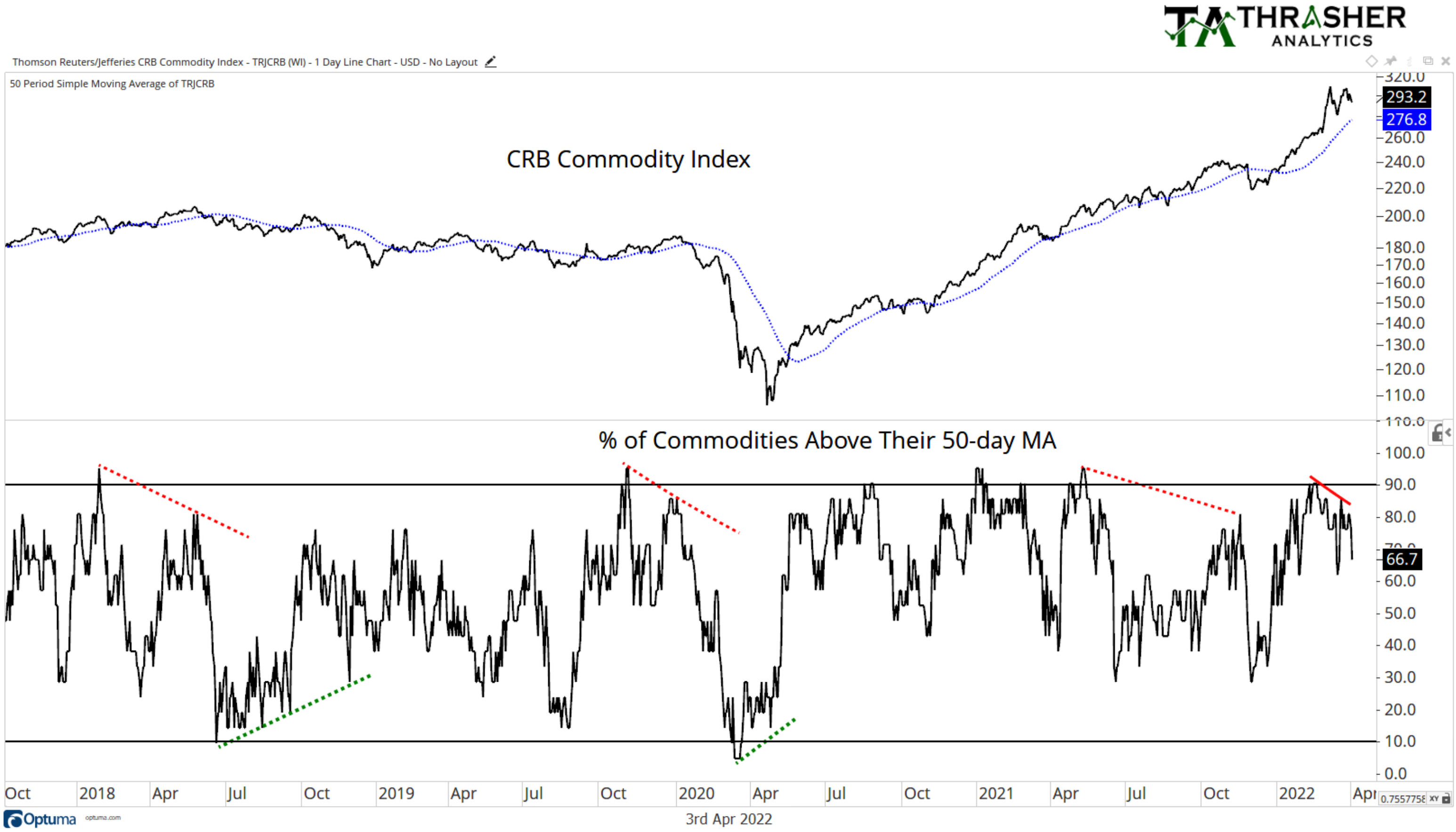
SECTOR - UTILITIES

Defensive sectors have been so strong in fact, Utilities now has over 75% of its stocks with an RSI over 70, suggesting many stocks are 'overbought'. Historically when we have over 70% of XLU stocks with an RSI over 70, the sector has pulled back, working off that stretched momentum condition.



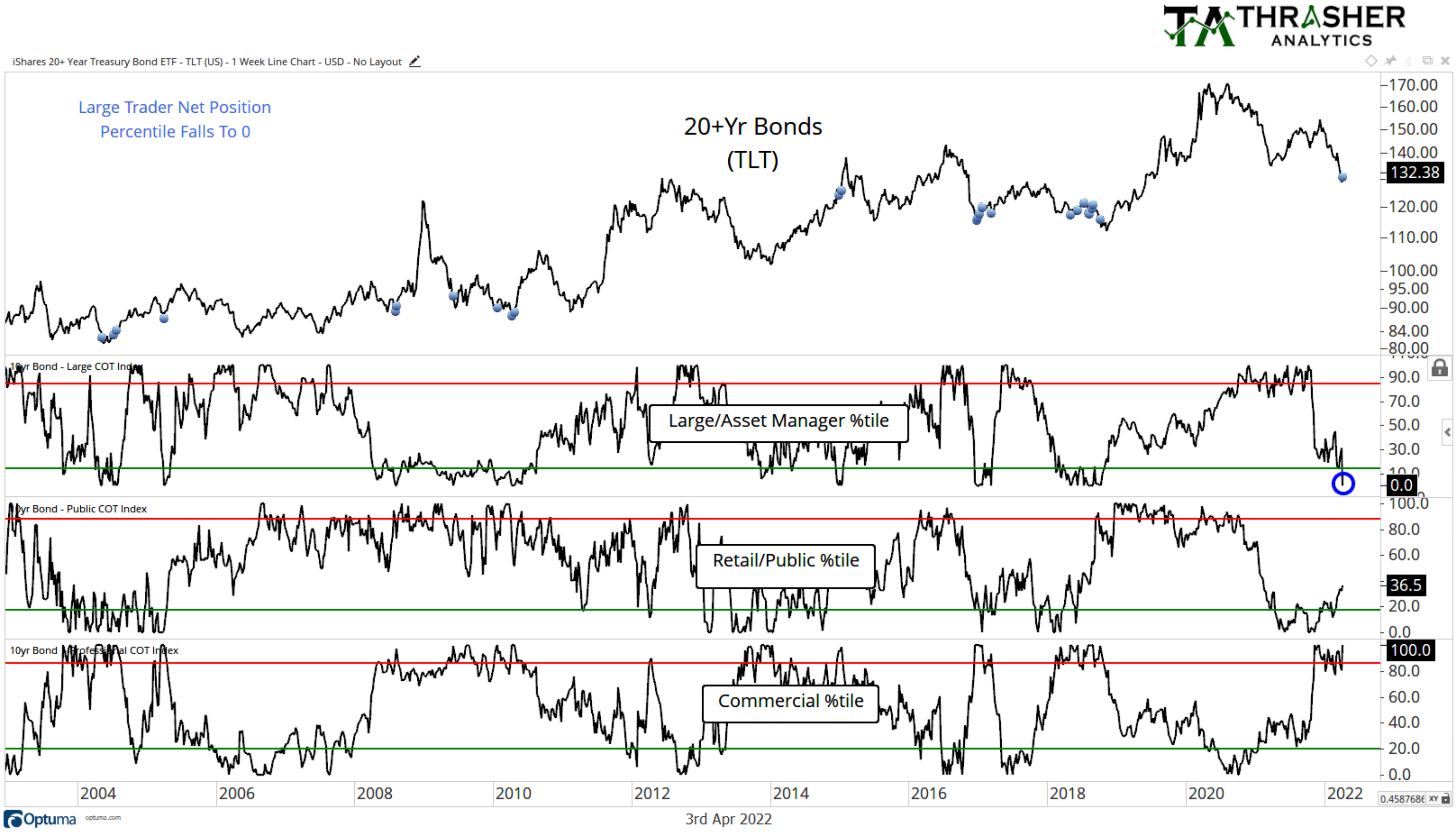
COMMODITIES - BREADTH

Several commodity markets saw weakness last week and the % that are still trading above their respective 50-day average dipped to 66.7%. I still believe commodities are going to be a hot topic this year, few things move in a straight line for long and trends require some digestion which appears to be happening in several commodities right now.



FIXED INCOME - TREASURY COT

Is there anything more hated right now than Treasury bonds? Based on the latest Commitment of Traders (COT) data, the answer is no. Large Traders have taken their net-position to a multi-year low, sending the percentile to the lowest level since the last time bonds bottomed out. As the chart below shows with blue dots, when Large Traders give up on bonds, they resulting performance has been bullish for Treasury's. There's obvious counterwinds to a rise in bonds with the Fed expected to hike rates 50bps in the next 1-2 meetings, but could that be priced in at this point? Surely the hikes won't be a surprise and the 'pain trade' likely is a move higher, at least a counter-trend bounce, in bonds. All the headlines right now are about the inverted yield curve, can sentiment get any more bearish bonds?

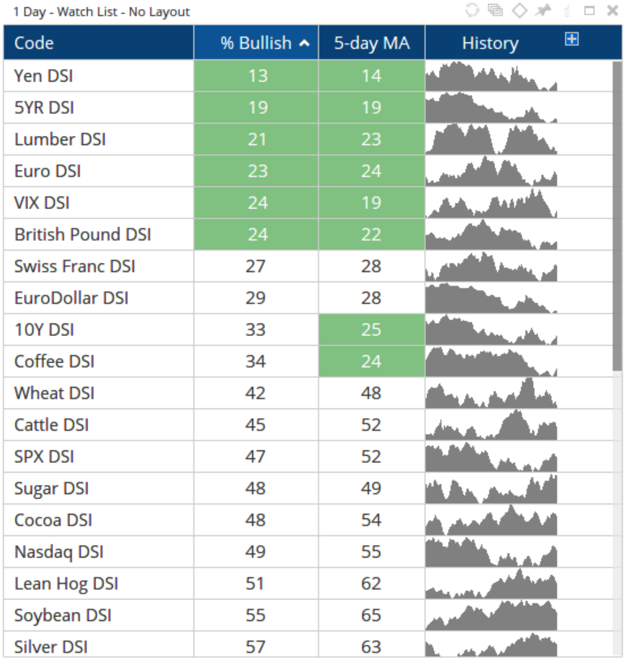


TA MEAN REVERSION INDICATOR

Below are short-term, intermediate, and major signals produced from improvements in the Thrasher Analytics Mean Reversion Indicator. Please refer to the summery PDF in the newsletter archive on the website for more details.

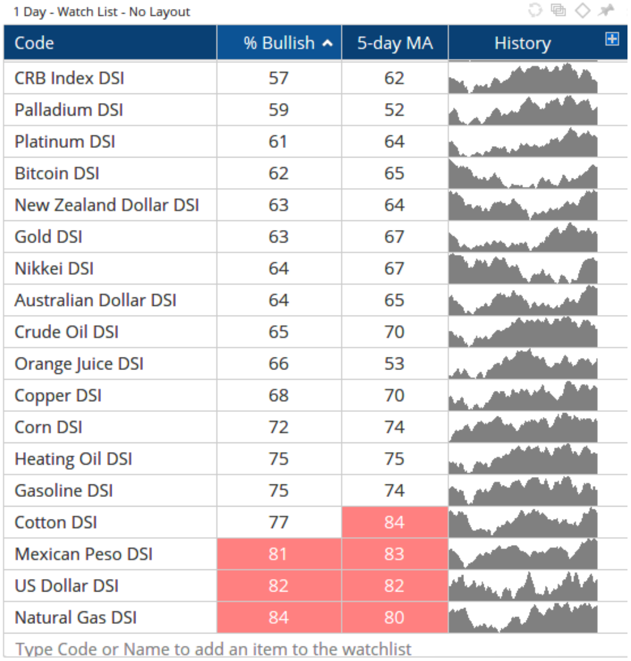
New TAMRI Signals:
Blue (short-term):
-
Orange (intermediate):
-
Green (major):
-

DAILY SENTIMENT INDEX



1 Day - Watch List - No Layout

Code	% Bullish	5-day MA	History
Yen DSI	13	14	
5YR DSI	19	19	
Lumber DSI	21	23	
Euro DSI	23	24	
VIX DSI	24	19	
British Pound DSI	24	22	
Swiss Franc DSI	27	28	
EuroDollar DSI	29	28	
10Y DSI	33	25	
Coffee DSI	34	24	
Wheat DSI	42	48	
Cattle DSI	45	52	
SPX DSI	47	52	
Sugar DSI	48	49	
Cocoa DSI	48	54	
Nasdaq DSI	49	55	
Lean Hog DSI	51	62	
Soybean DSI	55	65	
Silver DSI	57	63	



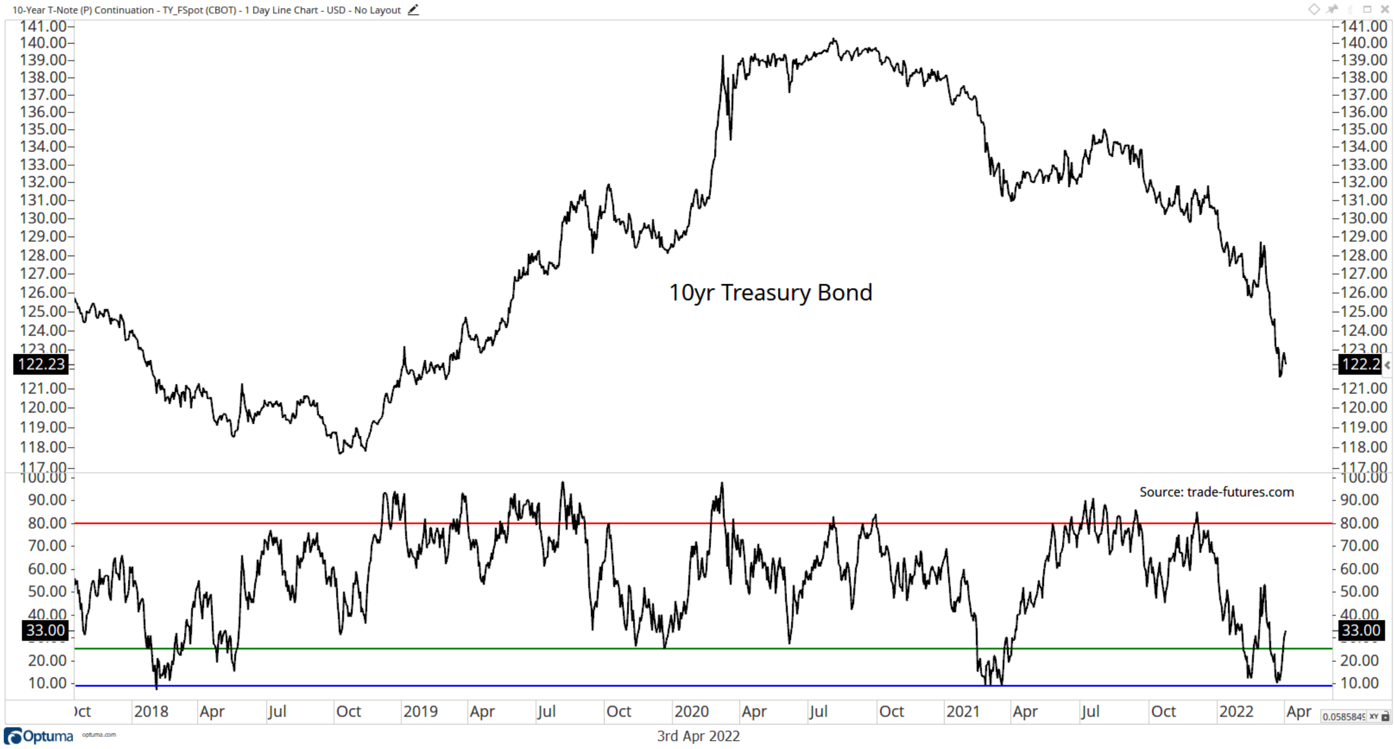
1 Day - Watch List - No Layout

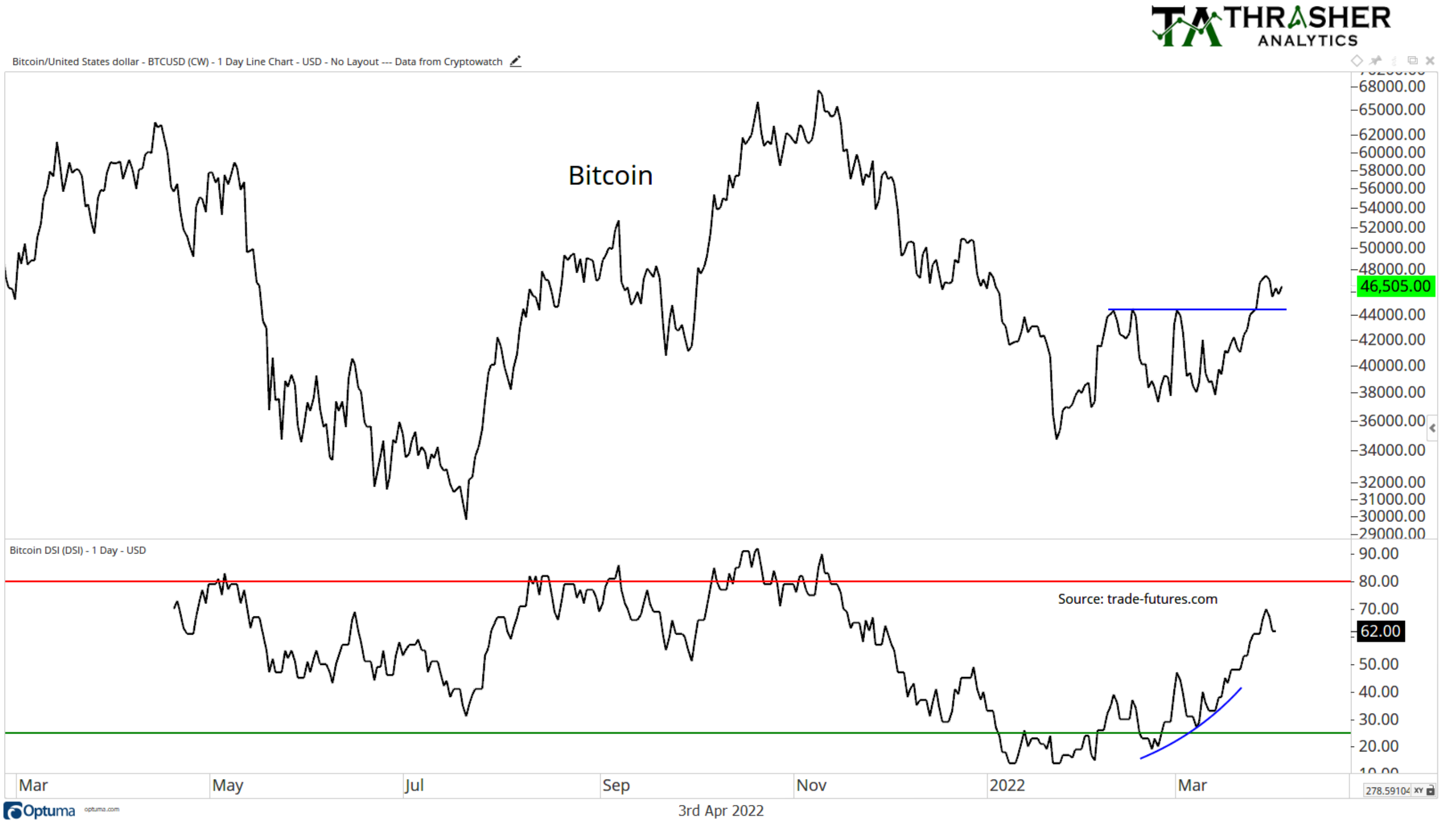
Code	% Bullish	5-day MA	History
CRB Index DSI	57	62	
Palladium DSI	59	52	
Platinum DSI	61	64	
Bitcoin DSI	62	65	
New Zealand Dollar DSI	63	64	
Gold DSI	63	67	
Nikkei DSI	64	67	
Australian Dollar DSI	64	65	
Crude Oil DSI	65	70	
Orange Juice DSI	66	53	
Copper DSI	68	70	
Corn DSI	72	74	
Heating Oil DSI	75	75	
Gasoline DSI	75	74	
Cotton DSI	77	84	
Mexican Peso DSI	81	83	
US Dollar DSI	82	82	
Natural Gas DSI	84	80	

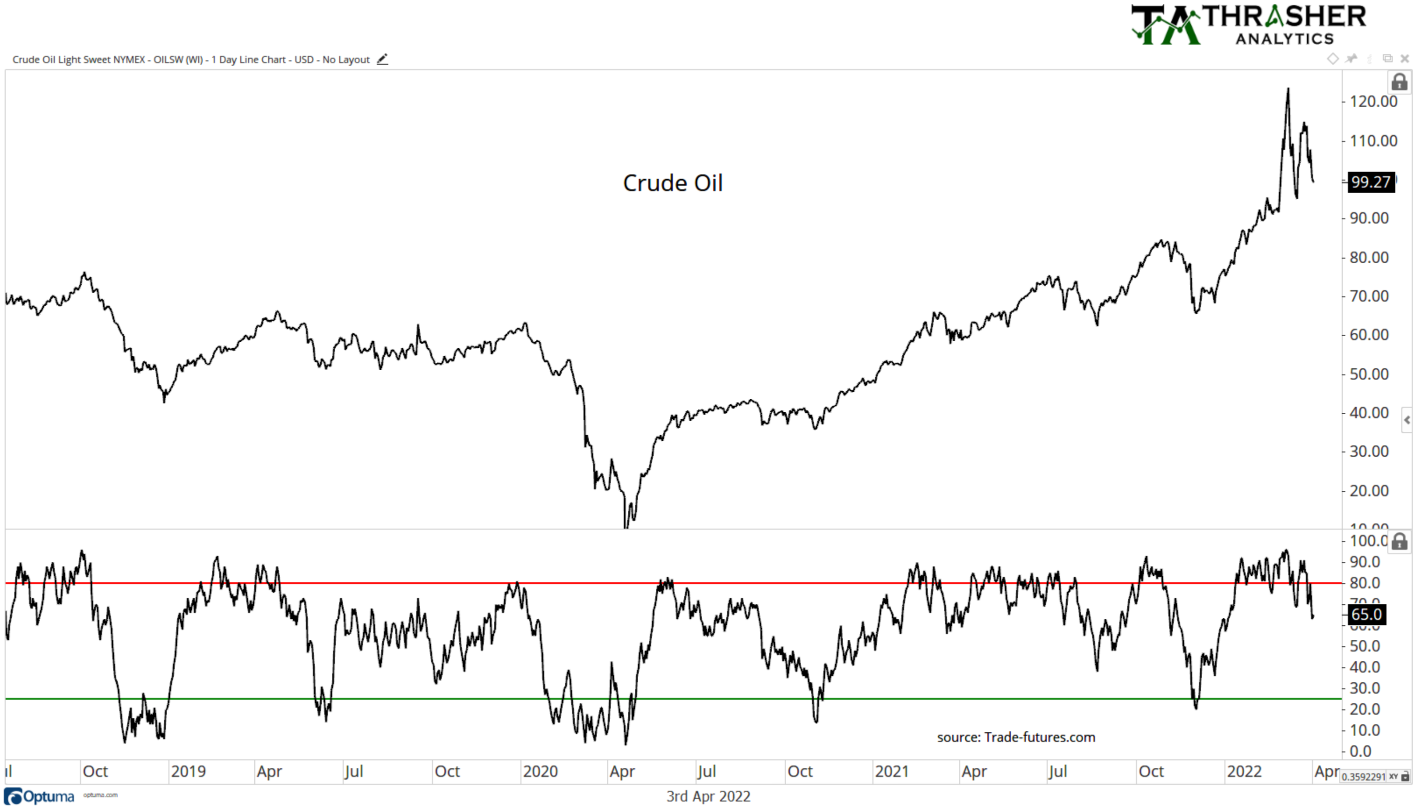
Type Code or Name to add an item to the watchlist

Source: trade-futures.com

DAILY SENTIMENT INDEX




THRASHER ANALYTICS
Bitcoin/United States dollar - BTCUSD (CW) - 1 Day Line Chart - USD - No Layout --- Data from Cryptowatch
Bitcoin
68000.00
65000.00
62000.00
60000.00
58000.00
56000.00
54000.00
52000.00
50000.00
48000.00
46,505.00
44000.00
42000.00
40000.00
38000.00
36000.00
34000.00
32000.00
31000.00
30000.00
29000.00
Bitcoin DSI (DSI) - 1 Day - USD
Source: trade-futures.com
90.00
80.00
70.00
62.00
50.00
40.00
30.00
20.00
Mar
May
Jul
Sep
Nov
2022
Mar
Optuma
3rd Apr 2022


THRASHER ANALYTICS
Crude Oil Light Sweet NYMEX - OILSW (WI) - 1 Day Line Chart - USD - No Layout
Crude Oil
120.00
110.00
99.27
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
100.0
90.0
80.0
65.0
50.0
40.0
30.0
20.0
10.0
0.0
source: Trade-futures.com
Oct
2019
Apr
Jul
Oct
2020
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2021
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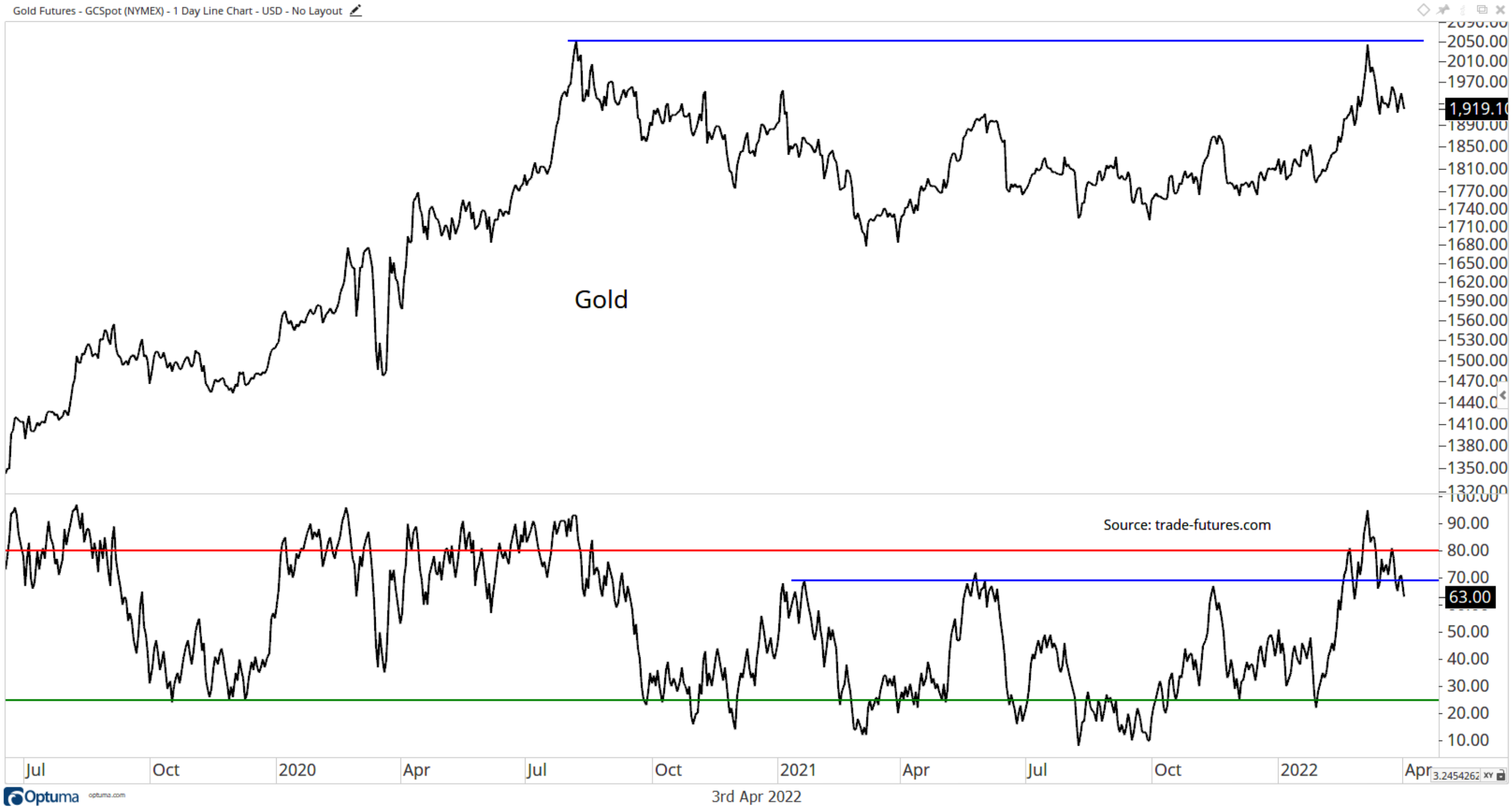
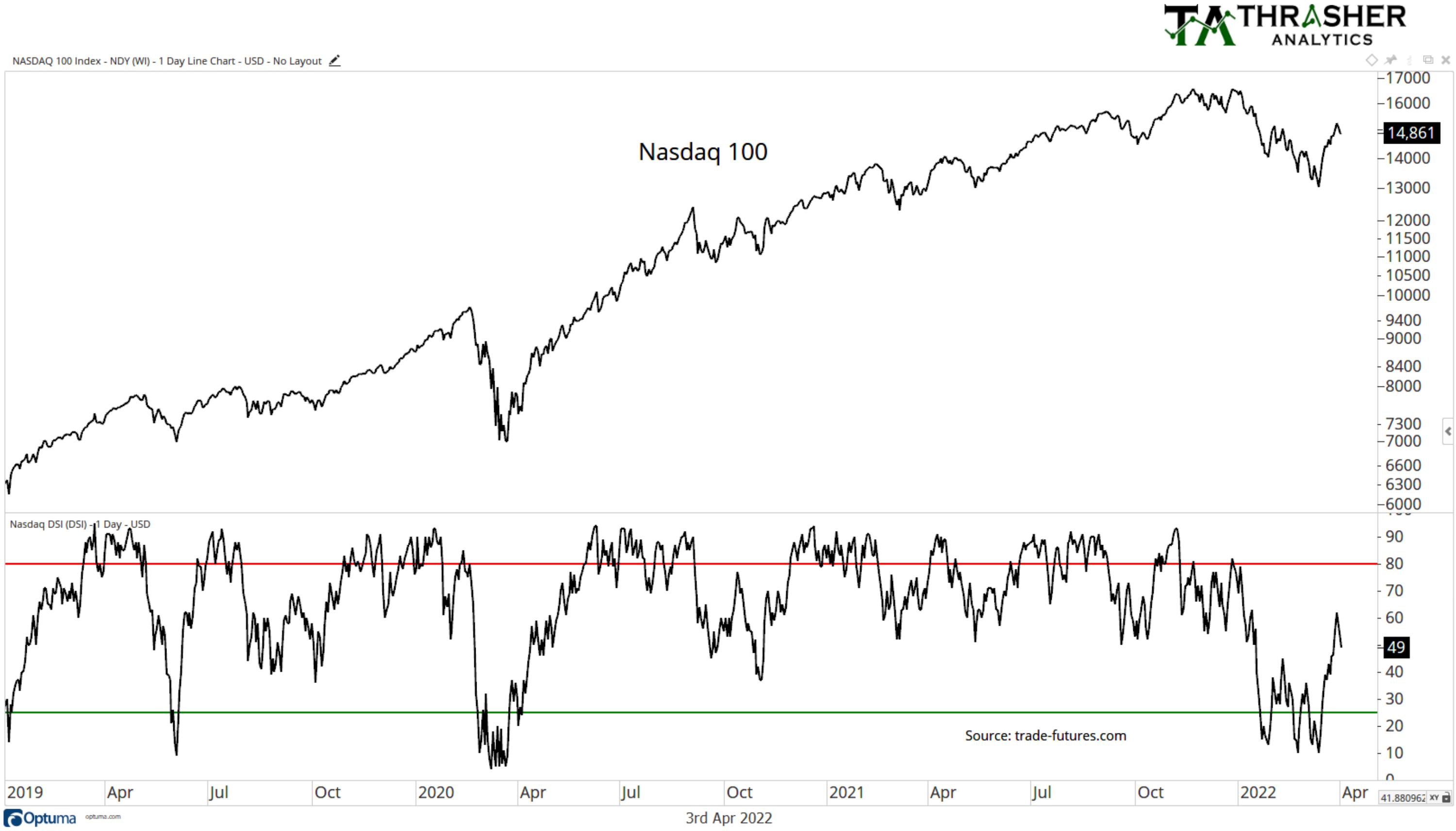
Jul
Oct
2022
Apr
Optuma
3rd Apr 2022

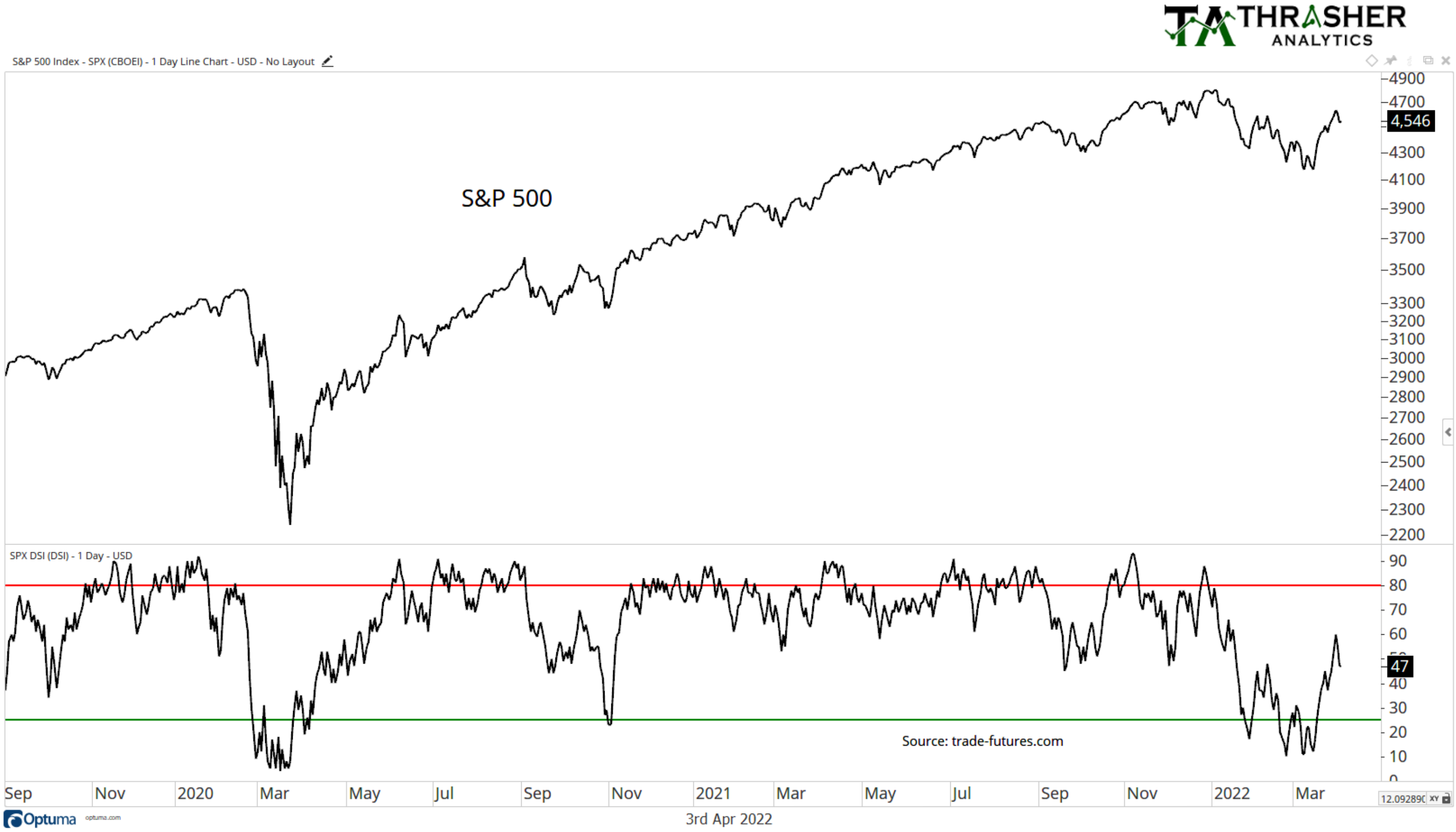


Source: trade-futures.com

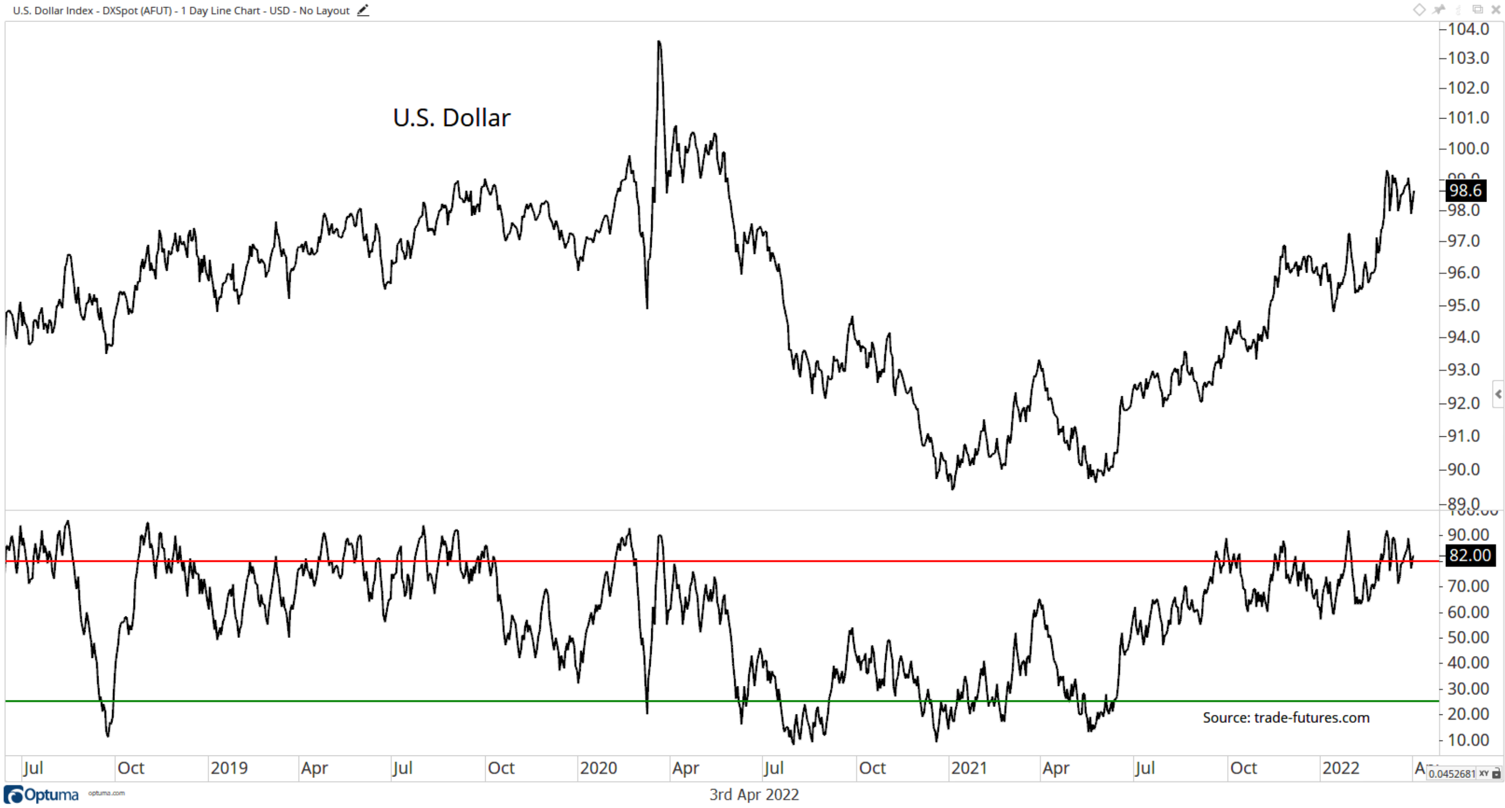
DAILY SENTIMENT INDEX



DAILY SENTIMENT INDEX

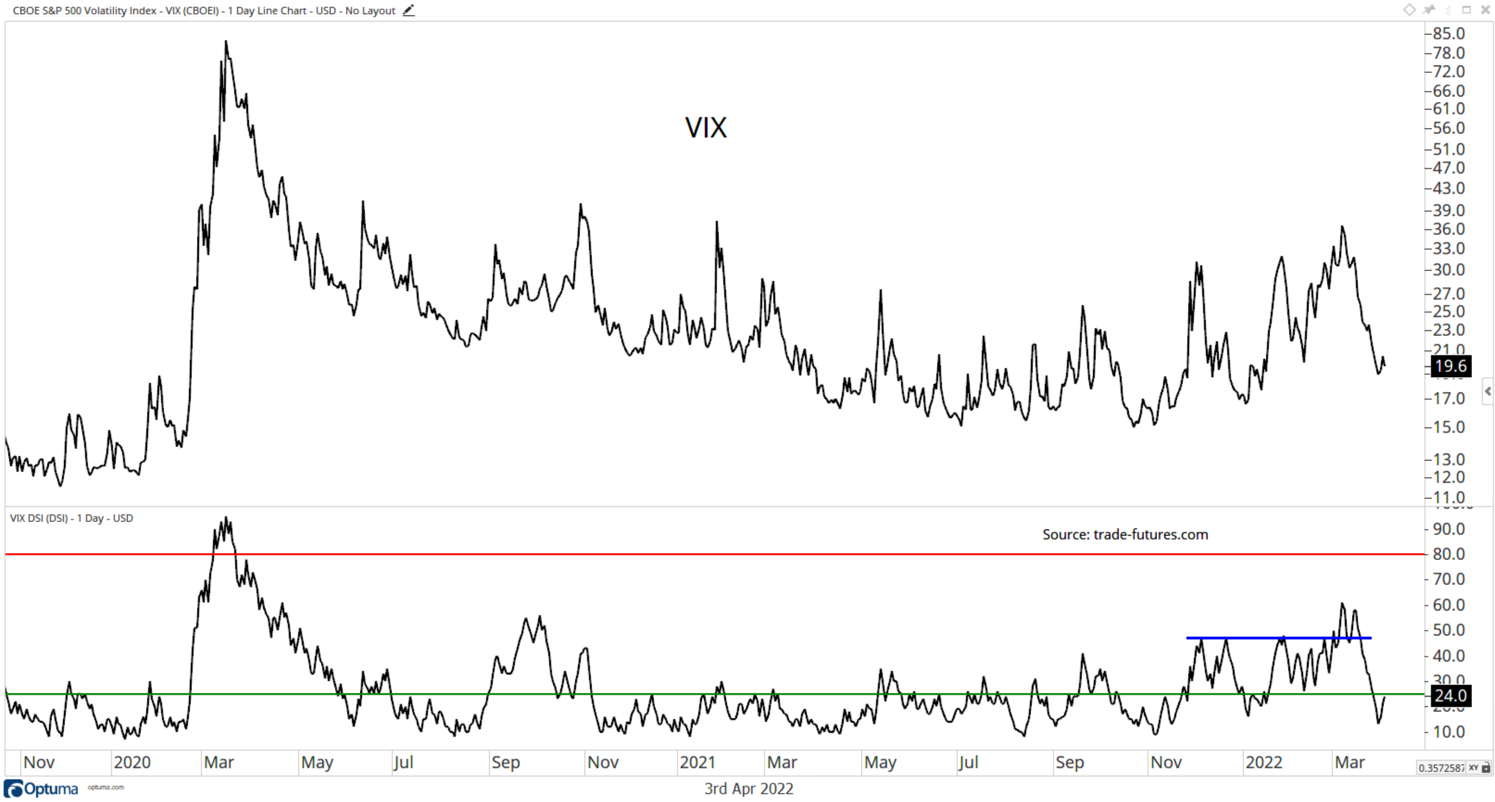


Source: trade-futures.com

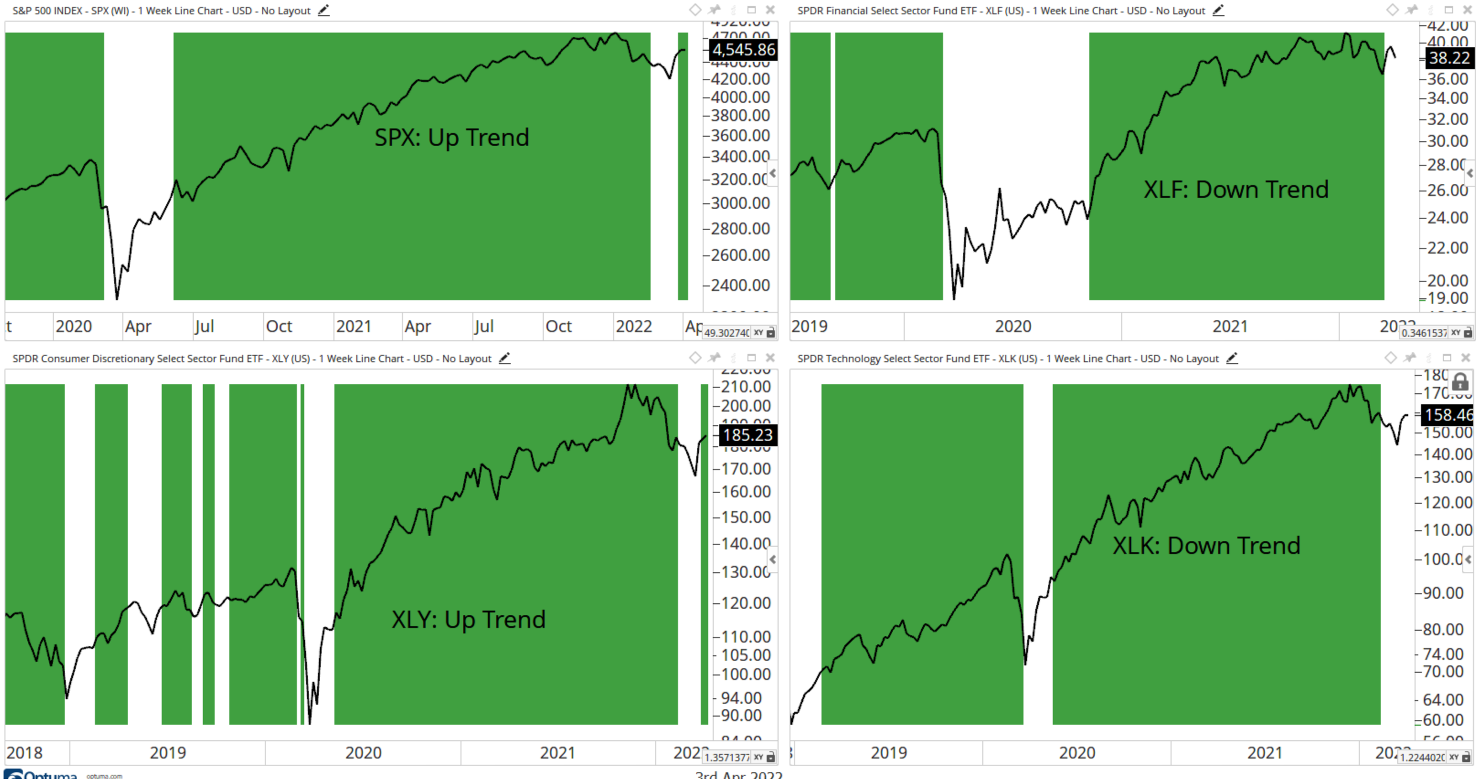


Source: trade-futures.com

DAILY SENTIMENT INDEX



TREND MODELS



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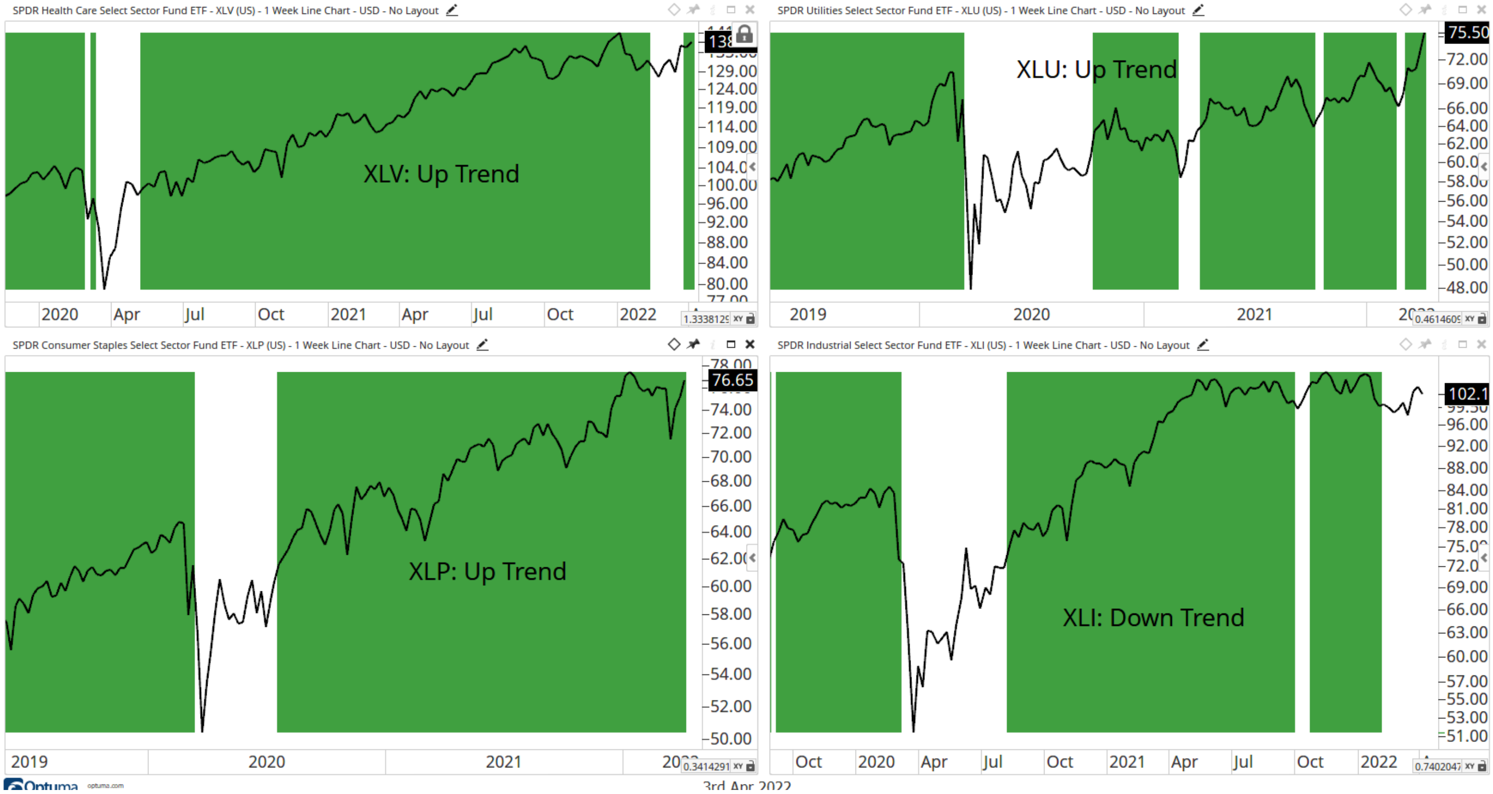
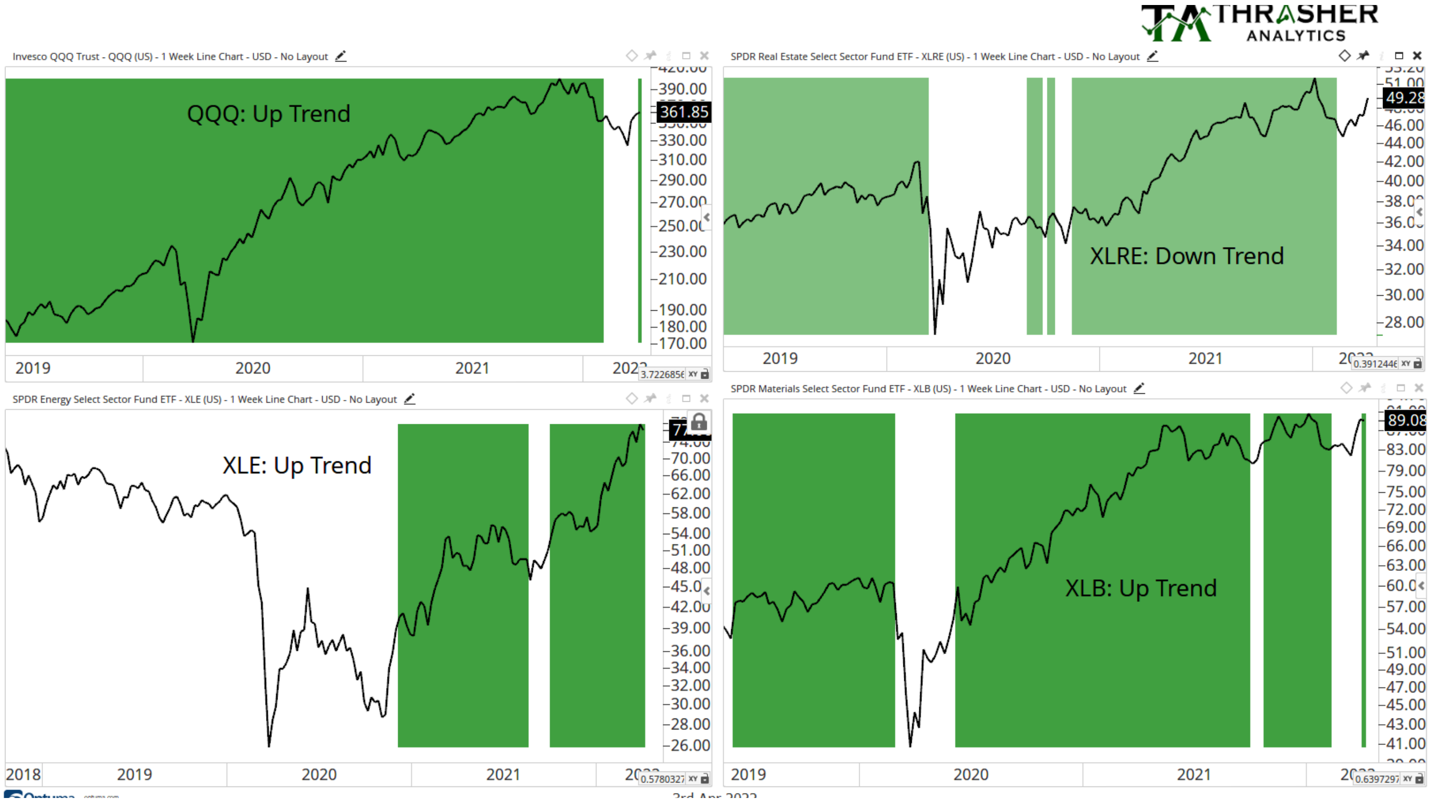


TREND MODELS



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