

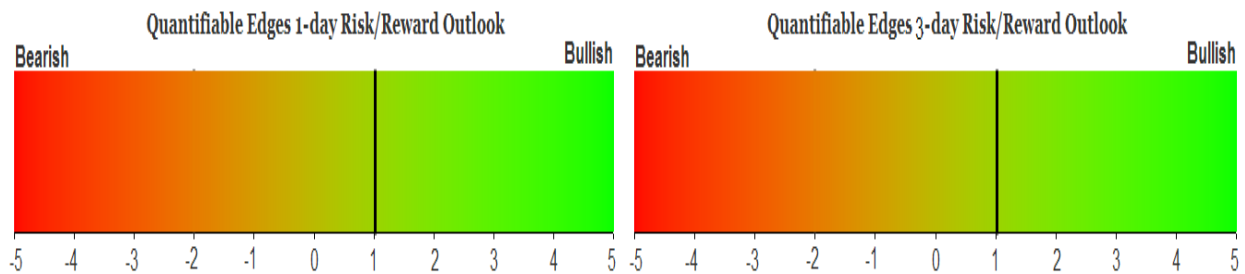
# QUANTIFIABLE EDGES SUBSCRIBER LETTER

ASSESSING MARKET ACTION WITH INDICATORS AND HISTORY

October 3, 2022

Volume 15 Issue 188

## Market Overview



## Signals Overview

Aggregator	CBI Reading
Flat	11

## Tonight's Research Points

- The 1<sup>st</sup> day of the month is bullish in uptrends, but neutral in downtrends.
- October is a highly volatile month.
- The SOMA declined this past week, with more QT.
- The Fed may have more to say on Monday.

## *Short-term Outlook*

### *The Bottom Line*

The Aggregator is flat. I believe reward/risk still favor the bulls to a small degree.

**Summary of Recent Active Studies (see Letters from listed dates for details)**

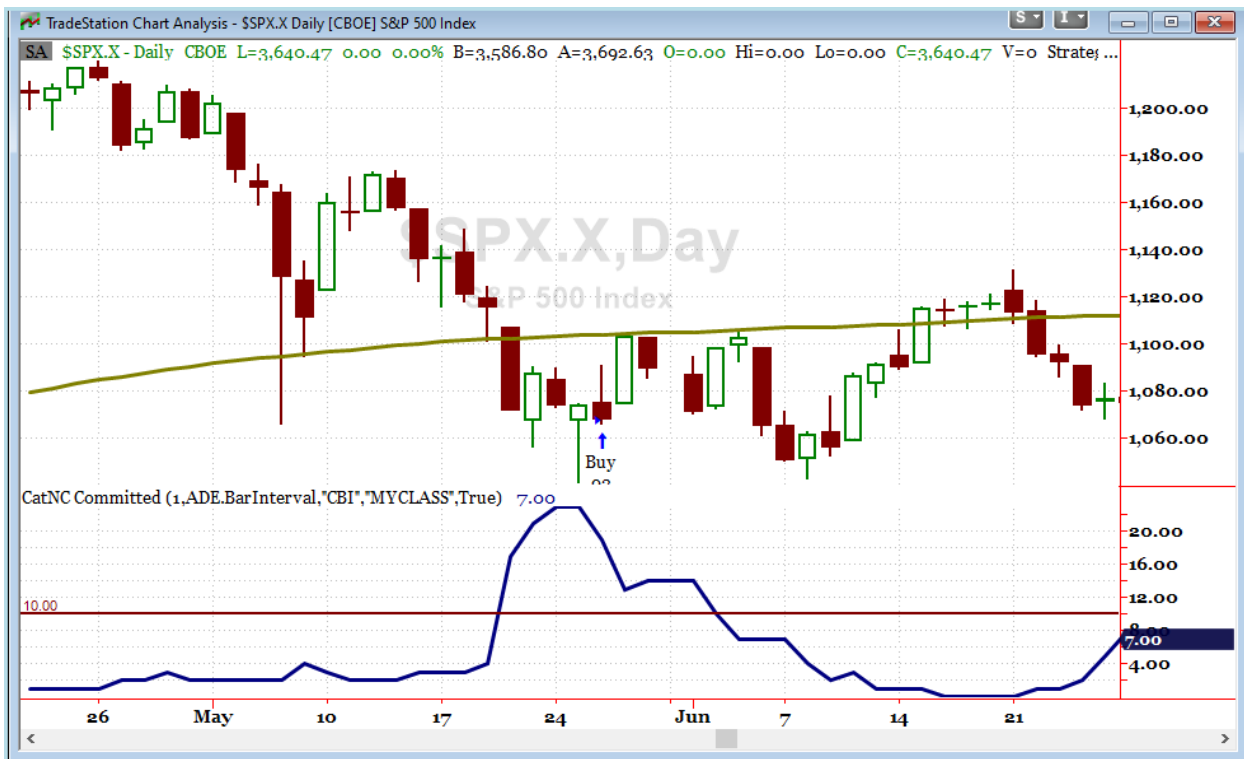
Study Date	Description	Time span	Bias	Avg Run-up	Avg DrawDn	Avg DrawDn - 1 Std Dev
<b>Active - Short Term</b>						
None						
<b>Active - Long Term</b>						
September 26, 2022	CBI reaches 7+. SPX 50-low < 200	1-18 days	Bullish	6.70%	-3.90%	-8.00%
May 2, 2022	Worst 6 Months with Jan-April selling	1-6 months	Bearish			
March 14, 2022	Fed Hawkish / QE done	int term	Bearish			

**The Evidence**

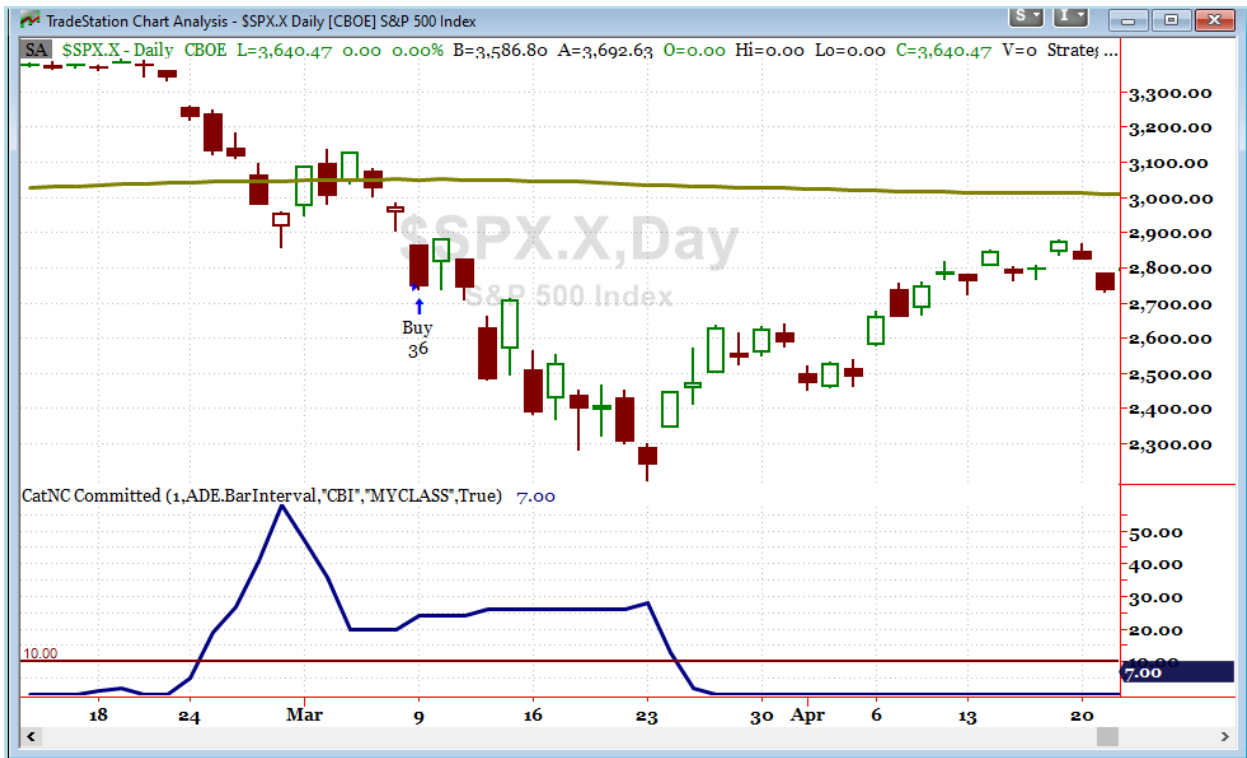
Friday was a bad finish to a bad day to a bad week to a bad month to a bad quarter to a bad year. The SPX closed down 1.5%. the NASDAQ also lost 1.5%, and the Russell 2000 fell 0.6%. Breadth was negative with the NYSE Up Issues % coming in at 43% and the Up Volume % at 46%. NYSE total volume rose quite a bit from Thursday's level.

Part of what made the week such a big disappointment was that the CBI spiked to 11 on Monday. And it never dropped below 10. And five days later SPX is again making new lows. I looked back at other times that the CBI remained >= 10 for at least 5 days and SPX made a 50-day low. As you probably suspect, it has been quite rare. In fact, going back to 1995, I was only able to identify 2 other instances. They were 5/26/2010 and 3/9/2020 (along with some repeat instances over the next few days in March 2020). I don't want to make much of just two instances. But below are the charts in case you are interested.

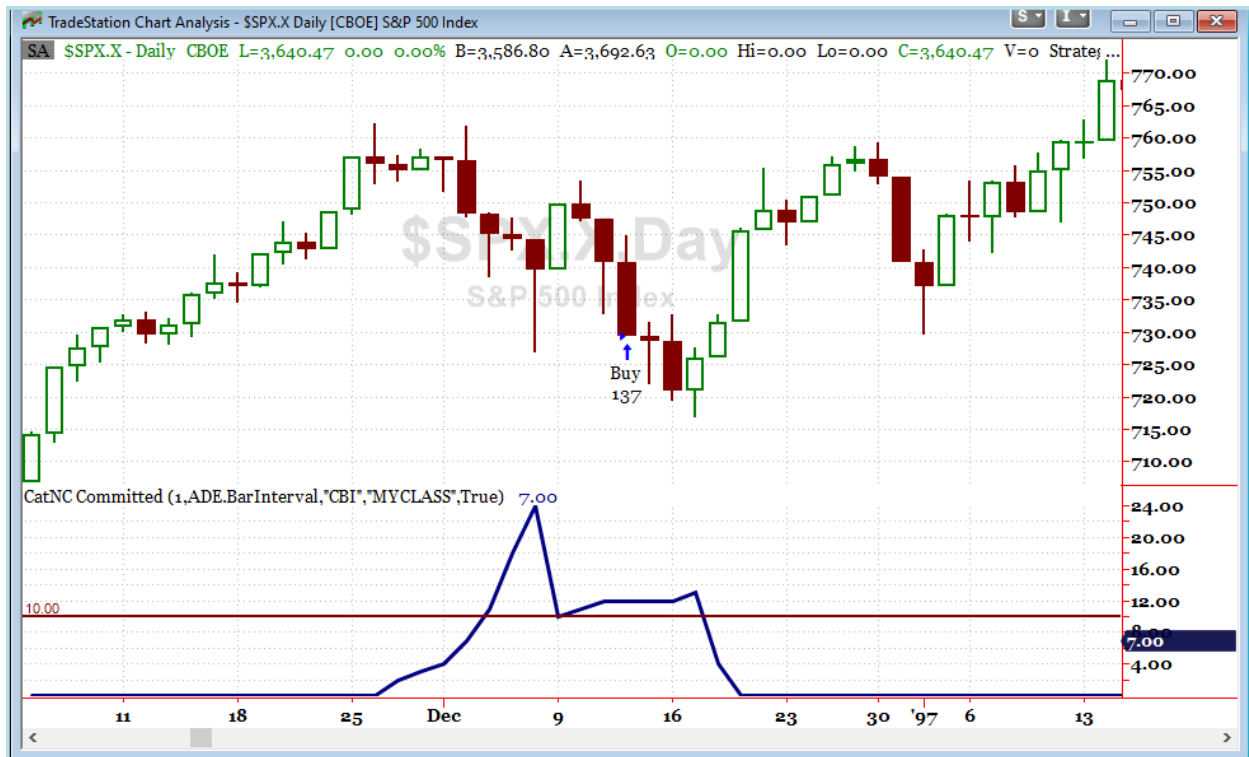
2010



2020

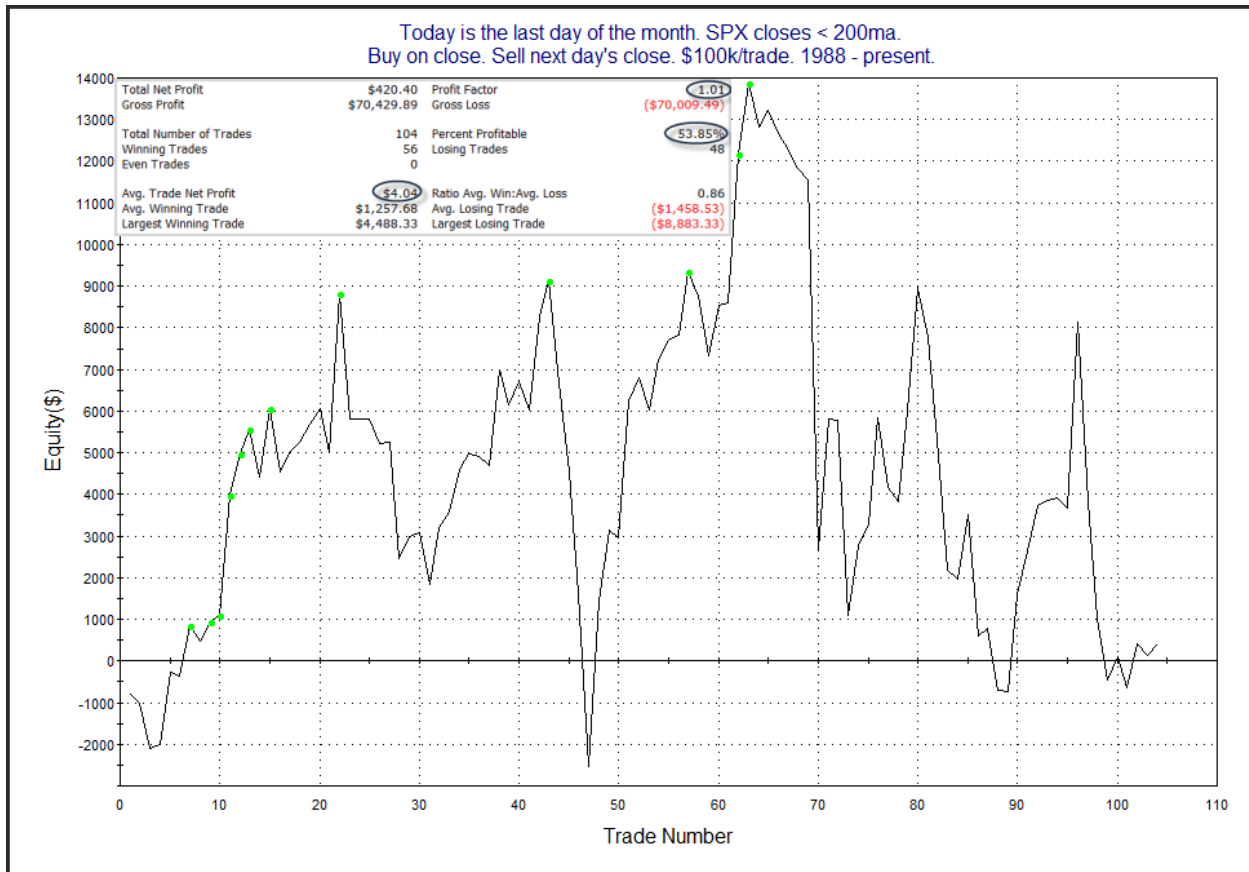


Neither one of these were great setups for a rally. There was also an instance in Dec of 1996 where SPX failed to make a 50-day low, but it did make a 10-day low. You can see that below.



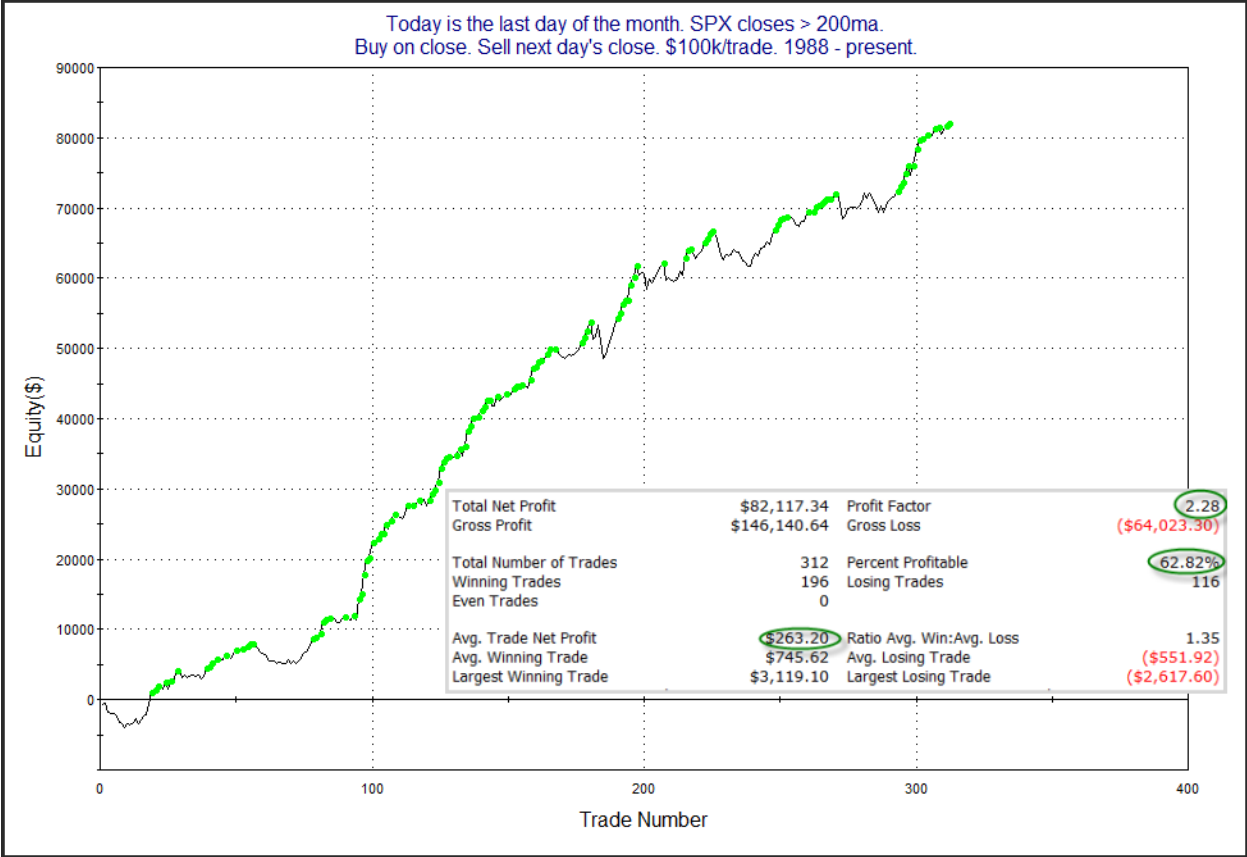
Overall, we know that a high CBI is strong sign that an oversold rally is due. But the few times the market has ignored the high CBI and just kept falling, that has not been an encouraging sign.

In looking at Monday, the 1<sup>st</sup> trading of the month often carries an upside edge. But that has really only been the case when the SPX is above its 200ma. And SPX is well below that line right now. In the 9/1/22 letter I showed Day-1 results when SPX was in a long-term downtrend like now. I have updated that chart below.



Pretty remarkable that after 104 instances there is almost exactly zero progress. We probably can't look to 1<sup>st</sup> of the month to help the market Monday.

While not applicable now, below is "1<sup>st</sup> of the month" performance when SPX has been above the 200ma.



This is a heck of a lot more appealing. Maybe in a few months...

Next is the October QE Seasonality Calendar, which was just published after the close on Friday.



is the 1<sup>st</sup> full year where there was an options expiration schedule. We have found over the years that options expiration can generate strong edges. Action on and around options expiration, which occurs on the 3<sup>rd</sup> Friday of each month, helps to generate some seasonal tendencies. So this study encompasses the full range of time that SPX options have been in existence.

SPX performance in the week that followed the Month and Friday specified. \$100k/trade. 1985 - present. Top 10 and Bottom 10 results shown.													
Month of Year	Fri of Month	All: Net Profit	All: Total Trades	All: Winning Trades	All: Losing Trades	All: % Profitable	All: Max Winning Trade	All: Max Losing Trade	All: Avg Winning Trade	All: Avg Losing Trade	All: Win/Loss Ratio	All: ProfitFactor	All: Avg Trade
10	5	20,984.09	16	12	4	75.00	7,184.40	-3,889.28	2,286.54	-1,613.59	1.42	4.25	1,311.51
1	5	15,765.61	17	12	5	70.59	5,169.12	-3,138.72	2,339.80	-2,462.40	0.95	2.28	927.39
4	2	33,518.39	38	25	13	65.79	5,731.96	-3,580.15	2,150.94	-1,558.08	1.38	2.65	882.06
10	4	28,339.81	37	27	10	72.97	10,485.72	-5,472.04	1,941.62	-2,408.40	0.81	2.18	765.94
1	4	29,092.35	38	24	14	63.16	4,860.00	-3,765.16	2,153.56	-1,613.80	1.33	2.29	765.59
5	4	27,173.93	38	25	13	65.79	7,145.28	-2,983.50	1,871.25	-1,508.26	1.24	2.39	715.10
10	2	26,440.26	37	28	9	75.68	7,282.10	-9,109.98	1,919.84	-3,035.03	0.63	1.97	714.60
11	4	24,175.98	37	27	10	72.97	7,362.46	-6,830.72	1,495.33	-1,619.80	0.92	2.49	653.40
5	5	10,062.95	17	11	6	64.71	4,787.84	-3,683.73	1,914.87	-1,833.43	1.04	1.91	591.94
12	2	21,280.92	37	27	10	72.97	5,868.16	-6,968.06	1,446.04	-1,776.21	0.81	2.20	575.16
8	5	-3,886.62	16	8	8	50.00	3,283.38	-4,206.40	1,374.80	-1,860.62	0.74	0.74	-242.91
11	5	-2,801.11	11	7	4	63.64	1,717.40	-4,574.88	952.18	-2,366.60	0.40	0.70	-254.65
6	3	-9,818.82	38	15	23	39.47	6,396.30	-3,626.75	1,510.79	-1,412.20	1.07	0.70	-258.39
6	1	-11,263.62	38	17	21	44.74	4,090.16	-4,984.32	1,236.96	-1,537.71	0.80	0.65	-296.41
10	3	-12,291.17	37	18	19	48.65	4,339.20	-12,167.91	1,764.05	-2,318.11	0.76	0.72	-332.19
10	1	-14,308.94	37	21	16	56.76	5,944.32	-18,000.90	1,849.22	-3,321.41	0.56	0.73	-386.73
7	5	-9,682.89	17	8	9	47.06	2,404.80	-7,153.30	1,213.42	-2,154.47	0.56	0.50	-569.58
2	3	-23,208.21	38	18	20	47.37	2,106.80	-11,122.37	848.98	-1,924.49	0.44	0.40	-610.74
4	5	-7,963.05	11	4	7	36.36	1,247.86	-6,368.04	909.67	-1,657.39	0.55	0.31	-723.91
9	3	-31,342.49	38	10	28	26.32	7,739.42	-6,525.56	1,625.43	-1,699.88	0.96	0.34	-824.80

You'll note that the highlighted weeks are the October weeks. It's amazing that all 5 potential weeks in October are included in either the Best 10 or the Worst 10 weeks of the year. Weeks are ranked based on Avg Trade (last column).

Weeks following the 1<sup>st</sup> and 3<sup>rd</sup> Friday in October have been among the *worst* on average. I'll also note that the 2 largest "max losing trades" occurred following the 1<sup>st</sup> and 3<sup>rd</sup> Friday in October. They were a 12% and an 18% drop.

Weeks following the 2<sup>nd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Fridays in October made up 3 of the *best* 10 weeks of the year on average. And they show three of the largest winners as well, with 7.2%, 7.3% and 10.5% max gains.

Of course this October is a little different. For one, the 1<sup>st</sup> Friday in October has not happened yet. The 1<sup>st</sup> Friday is on the 7<sup>th</sup>. So the whole 1<sup>st</sup> week of October this year is not found on this list. This upcoming week is the week following the 5<sup>th</sup> Friday in September. And the week following the 5<sup>th</sup> Friday in September has not shown strong numbers. There have only been 10 previous

instances, since most Septembers have only had 4 Fridays. The week after has been 5-5 with an average performance of +0.2%.

The 2nd reason October this year is a little less appealing than seen in the table above is that we will not have a 5<sup>th</sup> Friday. The strong weeks are those following the 2<sup>nd</sup> and 4<sup>th</sup> Friday. After that, we will be looking at the week after the 1<sup>st</sup> Friday in November.

As I said, October can be volatile. While I really like the QE Seasonality Calendars, this other look may be worth some consideration as well. There could easily be some strong moves up and down throughout the month, and traders may want to keep this in mind for position sizing, or if they are making volatility trades.

So there is nothing currently standing out to me that suggests a strong edge over the next few days. But there is some pending news that could have a meaningful impact on SPX direction for the next few days. The Fed has scheduled a meeting on Monday, which has the internet in a bit of a stir. The announcement can be seen below.

Closed Board Meeting on October 3, 2022

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Government in the Sunshine Meeting Notice  
*Advanced Notice of a Meeting under Expedited Procedures*

It is anticipated that the closed meeting of the Board of Governors of the Federal Reserve System at **11:30 a.m. on Monday, October 3, 2022**, will be held under expedited procedures, as set forth in section 261b.7 of the Board's Rules Regarding Public Observation of Meetings, at the Board's offices at 20th and C Streets, N.W., Washington, D.C. and by audio/video conference call. The following items of official Board business are tentatively scheduled to be considered at that meeting.

**Meeting Date:** Monday, October 3, 2022

**Matter(s) to be Considered:**

1. Review and determination by the Board of Governors of the advance and discount rates to be charged by the Federal Reserve Banks.

A final announcement of matters considered under expedited procedures will be available in the Board's Freedom of Information and Public Affairs Offices and on the Board's Web site following the closed meeting.

**For more information please contact:** Michelle Smith, Director, Assistant to the Board, Division of Board Members at 202-452-2955.

**Supplementary Information:**

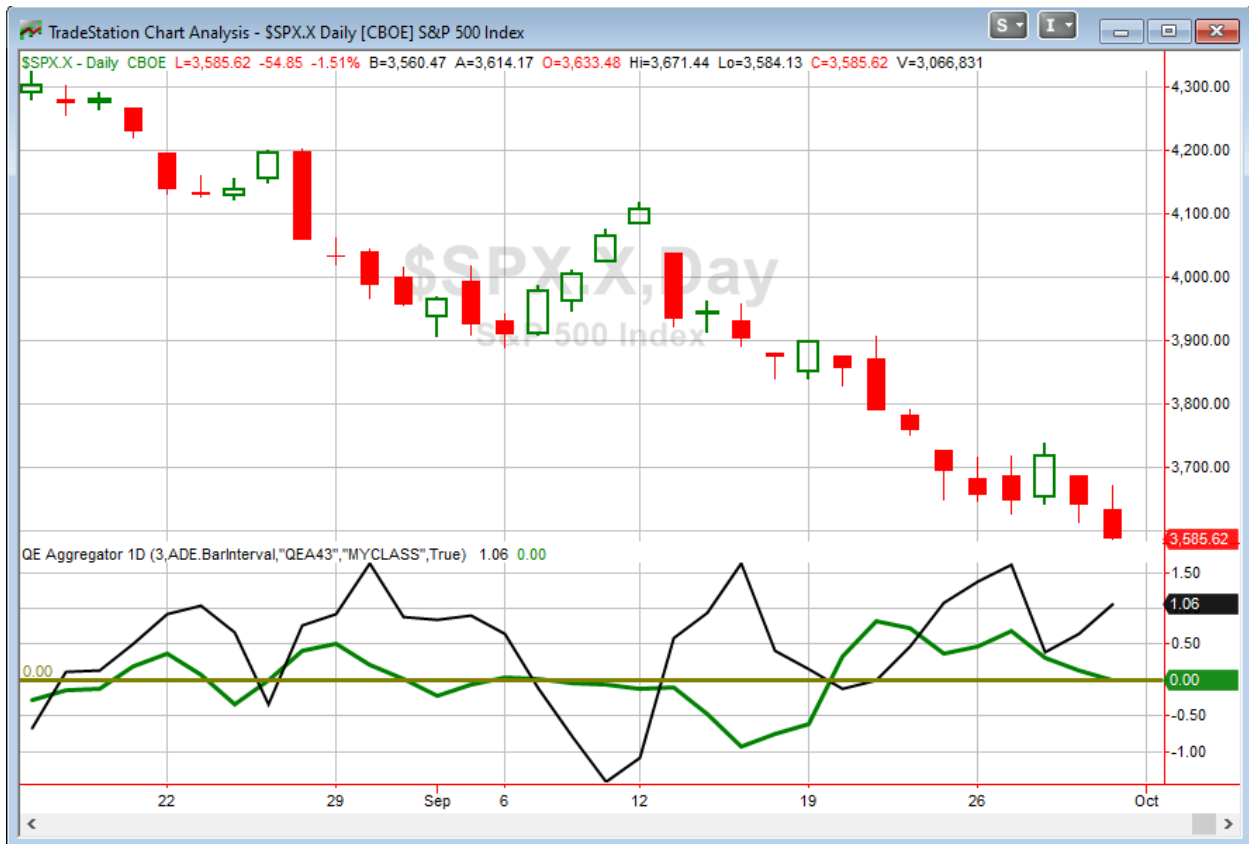
You may contact the Board's Web site at <http://www.federalreserve.gov> for an electronic announcement about applications and other expedited items, as well as procedural and other information about the meeting.

**Dated:** 09/29/2022

This memo is dated Thursday. I did not notice is nor see any alerts about it until Friday after the NYSE close. It may be nothing. It may be that the Fed is becoming concerned that the credit markets are struggling, and feel that they may want to dial back aggressiveness in some way. I don't believe this is about an "emergency rate hike". Nor a cut. Perhaps a slowing of the pace. Who knows? I am not big on trying to anticipate exactly what the Fed says. Still, I would not be surprised if they began to speak in a way that is more market supportive. That may or may not

matter over the next few weeks and months. But it could give the market a short-term boost (or an accelerated selloff if participants are not impressed by whatever comes out of this meeting).

I have updated [the Aggregator chart](#) below.



Without any new studies making the cut tonight and the already existing studies either expiring or reaching their downside target on Friday, the green Aggregator line closed right at zero. Flat readings mean expectations are neutral over the next over the next few days. Meanwhile the black Differential Line held above zero. The positive Differential Line reading means that SPX is oversold versus recent expectations. So expectations are flat and SPX is oversold. This is considered a neutral configuration. Neutral configurations are visible on the chart whenever both lines fail to close on the same side of zero. Therefore, the Aggregator formation turned flat at the close.

Expectations over the next few days will be largely dependent on any new evidence that emerges. Meanwhile, the Differential Pivot will be 3768.13 on Monday. That is a massive 5.1% above Friday's close. I'd be shocked if SPX managed to gain that much on Monday, no matter what the

Fed says or does. It will almost certainly require a multi-day rally or consolidation to overcome this oversold condition.

So the Aggregator is flat. And short-term evidence is somewhat questionable. As oversold as we are and as high as the CBI is I still believe reward/risk favors the long side. I have long exposure right now. I will look to lighten up on it if we close higher on Monday. If we close lower, I expect we will see some “Turnaround Tuesday” studies trigger. So while some Turnaround Tuesday studies have disappointed a bit recently, I still would give it the benefit of the doubt with such a strongly oversold market.

***Intermediate-term Outlook (2 weeks – 2 months) – updated 10/3 – neutral***

<b>Combo #1</b>	<b>Combo #2</b>	<b>Combo #3</b>
<b>Flat</b>	<b>Flat</b>	<b>Flat</b>

Above is the status of the different Combination Signals from the Quantifiable Edges Market Timing Course. Signals are long-term in nature. All 3 can be either flat or long. None of them look to short. More information on these signals can be found in the [Quantifiable Edges Market Timing Course](#), which is included with all annual subscriptions. Detailed descriptions of these combination approaches [can be found in Lesson 8](#). Subscribers may also download detailed hypothetical historical performance reports covering 12/31/71 – 3/7/14 in [Lesson 11, Course Downloads](#). (You must go through the course first in order to access the Downloads.) *This week all 3 combo systems remained “flat”.*

The stock indices all had a bad week...again. The SPX declined 2.9%, the NASDAQ fell 2.7%, and the Russell 2000 dropped 0.9% on the week. All made new bear market lows. Bonds were even worse. The US Aggregate Bond ETF (AGG) lost 0.9%, while TLT, the 20-year Treasury Bond ETF dropped 3.1%. Both bond measures also made new lows for the year.

There was a CBI study that appeared in Monday night’s letter with intermediate-term implications. I have copied it below.

*This 1<sup>st</sup> study is similar to one I shared in the Sunday letter. Here we look at times the CBI reached 10 or higher in conjunction with a 50-day low.*

Quantifiable Edges CBI reaches crosses over 9 and SPX closes at a 50-day low and < 200ma.  
Buy on close. Sell X days later. \$100k/trade. 1995 - present.

X Days	All: Net Profit	All: Total Trades	All: Winning Trades	All: Losing Trades	All: % Profitable	All: Max Winning Trade	All: Max Losing Trade	All: Avg Winning Trade	All: Avg Losing Trade	All: Win/Loss Ratio	All: ProfitFactor	All: Avg Trade
20	103,054.05	20	17	3	85.00	17,878.08	-2,880.90	6,256.43	-1,101.73	5.68	32.18	5,152.70
19	102,692.39	20	16	4	80.00	17,534.88	-2,993.00	6,749.30	-1,324.11	5.10	20.39	5,134.62
18	108,280.38	20	18	2	90.00	20,061.36	-2,748.00	6,177.51	-1,457.38	4.24	38.15	5,414.02
17	109,172.55	20	19	1	95.00	21,217.68	-4,214.00	5,967.71	-4,214.00	1.42	26.91	5,458.63
16	96,948.88	20	19	1	95.00	15,329.16	-6,614.00	5,450.68	-6,614.00	0.82	15.66	4,847.44
15	89,638.71	20	17	3	85.00	17,338.20	-5,572.00	5,672.27	-2,263.32	2.51	14.20	4,481.94
14	64,449.95	21	17	4	80.95	15,991.80	-14,731.00	4,759.28	-4,114.46	1.16	4.92	3,069.05
13	68,649.13	21	16	5	76.19	19,377.60	-11,946.00	5,393.97	-3,530.87	1.53	4.89	3,269.01
12	72,505.28	21	17	4	80.95	17,982.36	-8,812.00	5,232.83	-4,113.21	1.27	5.41	3,452.63
11	85,139.66	21	17	4	80.95	20,758.32	-9,945.00	5,828.23	-3,485.08	1.67	7.11	4,054.27
10	75,589.35	21	18	3	85.71	16,319.16	-4,118.00	4,600.83	-2,408.51	1.91	11.46	3,599.49
9	75,611.62	21	18	3	85.71	12,246.96	-1,765.40	4,413.78	-1,278.80	3.45	20.71	3,600.55
8	59,928.12	21	17	4	80.95	15,615.60	-5,568.00	4,231.92	-3,003.64	1.41	5.99	2,853.72
7	61,087.88	21	16	5	76.19	12,720.84	-4,980.00	4,525.00	-2,262.43	2.00	6.40	2,908.95
6	59,206.21	21	16	5	76.19	18,349.11	-8,839.00	4,713.60	-3,242.29	1.45	4.65	2,819.34
5	58,535.03	21	16	5	76.19	18,981.60	-5,174.95	4,648.23	-3,167.33	1.47	4.70	2,787.38
4	47,759.74	21	15	6	71.43	17,851.68	-4,365.00	4,221.70	-2,594.30	1.63	4.07	2,274.27
3	8,203.25	21	12	9	57.14	13,853.40	-9,701.00	3,705.04	-4,028.58	0.92	1.23	390.63
2	511.60	21	11	10	52.38	13,116.84	-8,631.00	3,369.91	-3,655.74	0.92	1.01	24.36
1	8,829.46	21	10	11	47.62	10,716.03	-6,760.90	3,165.93	-2,075.44	1.53	1.39	420.45

The 1<sup>st</sup> 3 days don't show much of an edge. But once you get out to Day 4 and beyond, there does appear to be a substantial bullish tendency. Below is the full list of instances with a 17-day holding period.

Quantifiable Edges CBI crosses over 9 and SPX closes at a 50-day low and < 200ma.  
Buy on close. Sell 17 days later. \$100k/trade. 1995 - present.

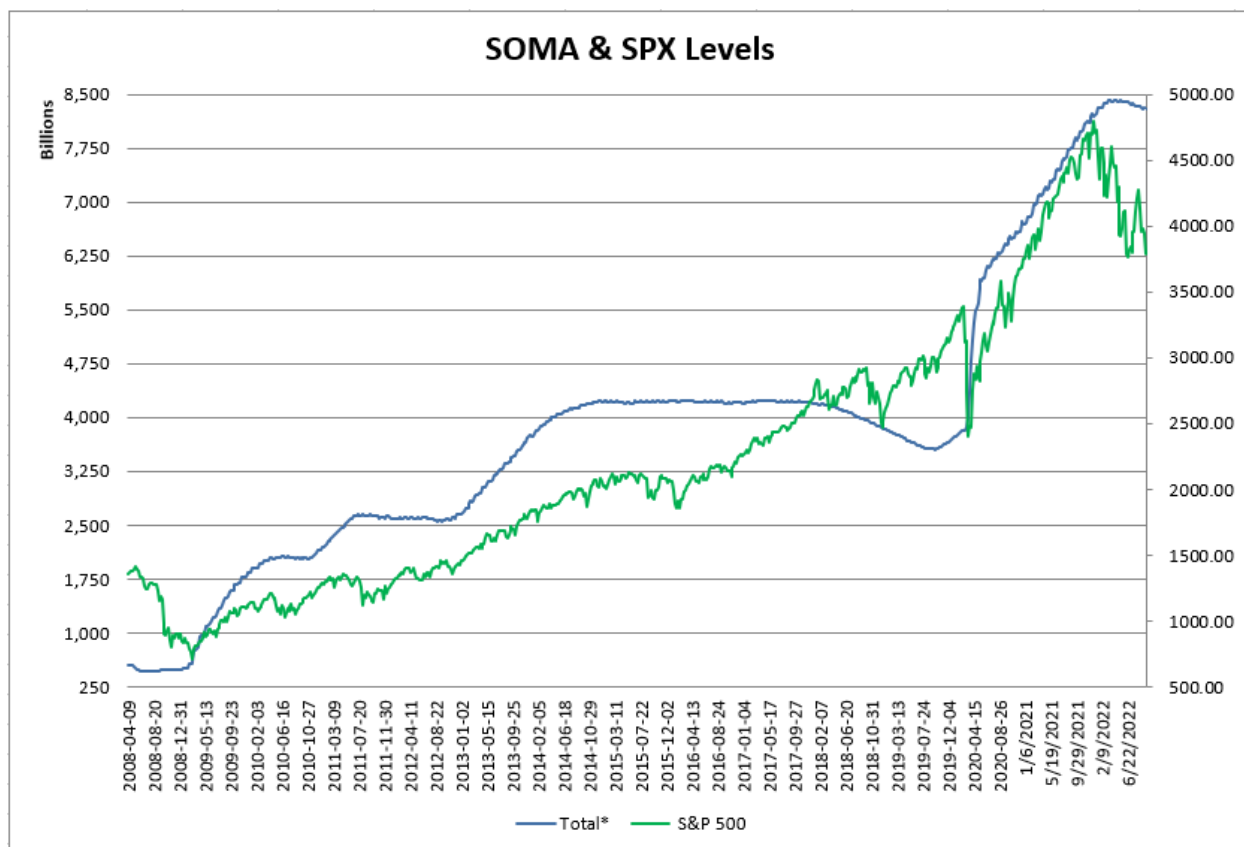
Date/Time	Signal	Price	% Profit	Run-up Drawdown
8/28/1998	Buy	\$1,027.25	3.78%	\$3,768.45
9/23/1998	Sell	\$1,066.10		(\$8,463.25)
9/18/2001	Buy	\$1,032.74	6.26%	\$6,376.32
10/11/2001	Sell	\$1,097.43		(\$8,447.04)
7/18/2002	Buy	\$881.56	2.52%	\$3,660.07
8/12/2002	Sell	\$903.80		(\$11,964.44)
8/12/2004	Buy	\$1,063.23	5.46%	\$5,719.90
9/7/2004	Sell	\$1,121.29		(\$235.94)
11/21/2007	Buy	\$1,416.76	2.06%	\$7,476.70
12/17/2007	Sell	\$1,445.91		(\$746.20)
1/22/2008	Buy	\$1,310.51	2.93%	\$6,498.76
2/14/2008	Sell	\$1,348.86		(\$3,074.96)
3/7/2008	Buy	\$1,293.37	5.73%	\$6,512.66
4/2/2008	Sell	\$1,367.54		(\$2,802.03)
7/15/2008	Buy	\$1,214.90	4.21%	\$6,295.14
8/7/2008	Sell	\$1,266.08		(\$287.82)
10/7/2008	Buy	\$996.23	-4.23%	\$4,808.00
10/30/2008	Sell	\$954.09		(\$15,643.00)
11/20/2008	Buy	\$752.44	21.36%	\$21,929.16
12/16/2008	Sell	\$913.18		(\$1,453.32)
3/2/2009	Buy	\$700.82	16.13%	\$17,886.32
3/25/2009	Sell	\$813.88		(\$4,832.26)
5/20/2010	Buy	\$1,071.59	4.07%	\$4,092.00
6/15/2010	Sell	\$1,115.23		(\$2,865.33)
6/29/2010	Buy	\$1,041.24	5.90%	\$5,999.04
7/23/2010	Sell	\$1,102.66		(\$2,911.68)
8/8/2011	Buy	\$1,119.46	8.88%	\$9,901.25
8/31/2011	Sell	\$1,218.89		(\$1,594.88)
10/13/2014	Buy	\$1,874.74	7.94%	\$7,935.16
11/5/2014	Sell	\$2,023.57		(\$2,866.24)
8/21/2015	Buy	\$1,970.89	1.24%	\$1,318.50
9/16/2015	Sell	\$1,995.31		(\$5,194.00)
10/24/2018	Buy	\$2,656.10	3.02%	\$5,884.85
11/16/2018	Sell	\$2,736.27		(\$1,944.72)
12/20/2018	Buy	\$2,467.42	6.03%	\$6,333.60
1/16/2019	Sell	\$2,616.10		(\$4,833.60)
5/31/2019	Buy	\$2,752.06	6.01%	\$7,635.24
6/25/2019	Sell	\$2,917.38		(\$837.00)
1/25/2022	Buy	\$4,356.45	0.55%	\$5,254.92
2/17/2022	Sell	\$4,380.26		(\$1,407.78)

*We see here some strong moves higher. I should note that not all of them went straight up though. There were a few with sizable drawdowns before the reversal ensued. These include instances in 1998, 2001, 2002 and 2015 among others. So it seems to be a nice sign for the intermediate-term, but no guarantee that the bounce will begin immediately. (Note: it hasn't.)*

The Fed posted the latest update to the SOMA holdings after the close on Thursday. It can be found below.

Domestic Security Holdings as of	
◀ Previous	<b>September 28, 2022</b> 📅
Posted September 29, 2022 at 4:30 P.M.	
<a href="#">SUMMARY</a>   <a href="#">T-BILLS</a>   <a href="#">T-NOTES AND T-BONDS</a>   <a href="#">FRNS</a>   <a href="#">TIPS</a>   <a href="#">AGENCY DEBTS</a>   <a href="#">MBS</a>   <a href="#">CMBS</a>	
SECURITY TYPE	TOTAL (\$Thousands)
US Treasury Bills (T-Bills)	312,733,959.0
US Treasury Notes and Bonds (Notes/Bonds)	4,853,363,800.9
US Treasury Floating Rate Notes (FRNs)	29,924,645.1
US Treasury Inflation-Protected Securities (TIPS)*	375,760,681.6
Federal Agency Securities**	2,347,000.0
Agency Mortgage-Backed Securities***	2,689,556,643.5
Agency Commercial Mortgage-Backed Securities***	8,601,439.9
Total SOMA Holdings	8,272,288,170.0
Change From Prior Week	-18,786,461.2

This week the SOMA declined by \$18.8 billion. While that is a fairly sizable amount, September will not get near the \$95 billion QT cap. November appears to be the first month where that \$95 billion cap could be approached at all. Below is an updated SOMA/SPX chart looking back to 2008.



The largest expansion in the history of the SOMA is over. The blue line is now clearly heading lower. We will continue to see that happen over the next several weeks and months. The pace of the decline is expected to increase from here forward. To this point, QT has been mild. Overall, the Fed is no friend to the market, and they won't be for as long as they remain hawkish.

2022 has been one of the worst years ever for both stocks and bonds. And with crypto declining and inflation high, there has been little place for investors to hide. All the major stock indices have given back their entire 2021 gains and more. TLT, even on a dividend adjusted basis, is back to levels not seen since 2015. Seven years is a long time to not make any money in a government bond fund. And so far there is not a lot for the bulls to get excited about. Breadth and momentum studies from early August have all failed. The high CBI says we could be entering a point where a multi-week bounce is likely. Seasonality should improve starting in November, but that still feels a long way off, and October volatility could swing the market all over the place between now and then. Bears can still point to Fed policy, overall poor seasonality, and a lagging NASDAQ to build their case. I am going to maintain my neutral stance. I really have no desire to get very aggressive in either direction with the crosswinds and the volatility the market is experiencing. I'll remain fairly cautious when considering both long and short positions.

## **Catapult and Capitulative Breadth Statistics**

[Catapult & CBI Presentation Link](#)

### ***Open Catapult Triggers***

CHTR – 1/3 @ \$353.03 (bought @ limit)

CHTR – 1/3 @ \$333.96 (bought @ limit)

T – 1/3 @ \$16.24 (bought @ limit)

CHTR – 1/3 @ \$321.66 (bought @ limit)

T – 1/3 @ \$16.01 (bought @ limit)

T – 1/3 @ \$15.67 (bought @ limit)

INTC – 1/3 @ \$26.97 (bought @ limit)

ADBE – 1/3 @ \$276.96 (bought @ limit)

INTC – 1/3 @ \$26.89 (bought @ limit)

CMCSA – 1/3 @ \$30.26 (buy @ limit) – *not filled. Try again now.*

EXC – 1/3 @ \$37.46 (buy @ limit)

***Broad Market Large Cap CBI – 11(CHTR-3, T-3, INTC-2, ADBE, CMCSA, EXC)***

### **Additional New Trade Ideas**

*A full listing of system triggers can be found at the [numbered systems page](#) each night. I will cherry pick some of my favorite setups from the S&P 100 and ETF lists along with occasional other trade ideas to track below.*

**CMCSA – Buy 1/3 Catapult position @ \$30.00 LIMIT.** From the Catapult section above, this is the 1<sup>st</sup> of up to 3 lots for CMCSA.

**EXC – Buy 1/3 Catapult position @ \$37.46 LIMIT.** From the Catapult section above, this is the 1<sup>st</sup> of up to 3 lots for EXC.

## Current Open Trade Ideas

Symbol	Entry Date	Entry Price	Current Price	% Gain/Loss	Notes
SPY(1/4)	9/22/2022	\$376.58	\$357.18	-5.15%	<i>Sell @ \$358.00 LIMIT ON CLOSE</i>
CHTR(1/3)	9/22/2022	\$352.03	\$303.35	-13.83%	Catapult
SPY(1/4)	9/23/2022	\$367.95	\$357.18	-2.93%	Aggregator
CHTR(1/3)	9/23/2022	\$330.98	\$303.35	-8.35%	Catapult
T(1/3)	9/23/2022	\$16.10	\$15.34	-4.72%	Catapult
SPY(1/4)	9/26/2022	\$364.31	\$357.18	-1.96%	Aggregator
CHTR(1/3)	9/26/2022	\$321.44	\$303.35	-5.63%	Catapult
T(1/3)	9/26/2022	\$15.91	\$15.34	-3.58%	Catapult
T(1/3)	9/27/2022	\$15.67	\$15.34	-2.11%	Catapult
INTC(1/3)	9/27/2022	\$26.97	\$25.77	-4.45%	Catapult
ADBE(1/3)	9/27/2022	\$276.96	\$275.20	-0.64%	Catapult
INTC(1/3)	9/28/2022	\$26.89	\$25.77	-4.17%	Catapult

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