

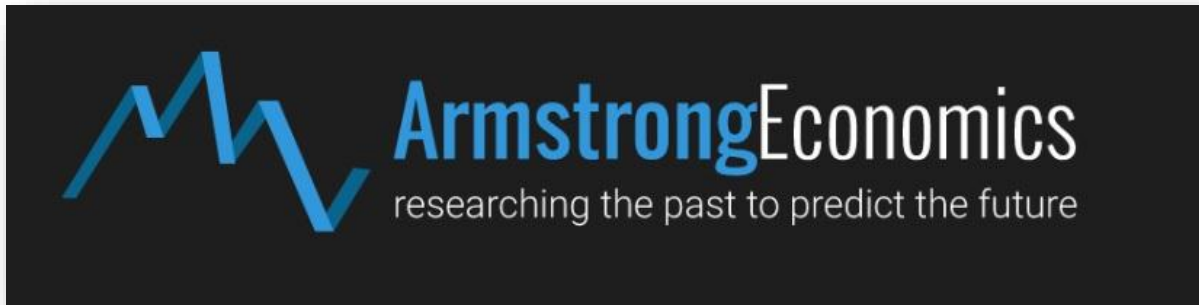
The American Share Markets



Grabbing the Bull by the Horns

By Martin Armstrong

October 2021



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Destabilizing Society



There has been a very sinister plot behind this Great Reset economically headed by Klaus Schwab. Not only is this designed to complete overturn capitalism, it is also intended to fuel racism to ensure the people do not unity to overturn this agenda. I was invited to Schwab's debut of his film at a private showing in New York City for the premiere of movie *The Forum* on December 2nd, 2019. The film was directed by Marcus Vetter who also did the film on me. Apparently, Schwab liked the Forecaster and turned to Marcus to do his film.

I flew to New York City for the Campaign event and met all his "elites" behind this Great Reset. So, I do not engage in speculation or conspiracy theories about things I do not now trying to follow the breadcrumbs through the forest. Interestingly, the film was released to the general public on the precise turning point of the Economic Confidence Model – January 18th, 2020. This was all timed with emergence of COVID that very month and then the COVID Crash into March.





Most people have no idea that the World Economic Forum, which Nigel Farage said at our World Economic Conference held in Rome May 3rd & 4th, 2019, just seven months before, has been the “**alternative to Davos.**” We have made efforts to identify how the world functions, whereas Schwab has sought to convince world leaders that he has a better way to how it should function. Hence, as Nigel pointed out, the WEC has been the alternative to Schwab’s WEF.

Klaus’ vision was to create a forum where world leaders can meet each other and create a bond. The conspiracy theories that paint these meetings as the place where they decide what the world will do for the next year is really nonsense. These people are not in control of anything and as the world turned nuts in 2019. Nonetheless, the real objective has been for Klaus to sell his agenda of the Great Reset. The **Build Back Better** slogan was created by his organization and it was floated around at the January 2019 WEF.

The few economists understand what money really is and they miss the concept that it is just a medium of exchange accepted by the people based upon knowing. It has been sheepskins, cattle, bags of rice, bronze ingots, sea shells, gold,

Destabilizing Society

silver, and even platinum in Russia. As a medium of exchange, it is based upon the understanding that others would also accept whatever the medium is in that community. Few people understand dangers of a looming currency collapse thanks to the Monetary Crisis Cycle which is why they are desperately trying to move to digital currency to end hoarding of money that gives them sleepless nights worrying about how much they have lost in taxes.

So, fools argue that this can easily be avoided by halting currency expansion and cutting government spending so that their budgets balance. They seem to live in a fantasy world for politicians do not know how to run for office without offering something like a free toaster if you vote for them. Modern politics is all about bribing people to get votes. It has nothing to do with proper management of the economy.



Ursula von der Leyen
President of the European Commission
since December 1, 2019



Christine Lagarde
President of the European Central Bank
since November 1, 2019



Kristalina Georgieva-Kinova
Chair & Managing Director of the
International Monetary Fund
since October 1, 2019

In steps Klaus Schwab offering hope for the future which is to end all democratic process as he has successfully created in Europe. The European Parliament cannot overrule the European Commission that creates the laws which never stands for election, and the head of state is also appointed and is never subject to a popular election. The head of the EU, Ursula von der Leyen was a board member of the

Destabilizing Society

WEF, and the heads of the European Central Banks and International Monetary Fund are both current board members of Schwab's WEF. He has succeeded in capturing control of Europe and this is all possible because of the Monetary Crisis Cycle and the inevitable collapse of sovereign debt.

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October 29, 2021
9:49 PM EDT
Last Updated 13 hours ago

Europe

EU parliament sues EU Commission for inaction over rule-of-law concerns

2 minute read

Reuters

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Protesters attend a demonstration taking place during a session of Poland's Constitutional Tribunal, ruling on whether several articles of EU Treaties comply with the Polish Constitution, in front of

BRUSSELS, Oct 29 (Reuters) - The European Parliament launched a lawsuit against the bloc's executive on Friday for failing to apply a new law that allows the freezing of EU payments to countries which do not respect rule-of-law principles.

Reporting by Jan Strupczewski; Editing by Toby Chopra

Protesters are seen holding a large blue banner with the European Union flag and the text "jestesmy europejczykami" (we are Europeans) in front of a building. A woman in the foreground holds a sign that reads "PiS ZNISZCZYŁ trójpodział władzy! Zarządza strachem" (PiS destroyed the separation of powers! Rules with fear).


In August 2021, the European Parliament filed a lawsuit against the European Commission demanding that enforce laws already on the books. This is the solution of Klaus Schwab where those who are elected by the people are just there for show to pretend that there is some democratic process. Nevertheless, the people have zero rights to overthrow the government by a civil process of voting. Schwab has restored the aristocratic control of the state and stripped the people of all political rights.

Stakeholder Capitalism
Yet stakeholder capitalism was born in 1932 in the book *The Modern Corporation, and Private Property* by Adolf A. Berle and Gardiner C. Means.


The idea was that public firms should have professional managers who would balance the claims of different stakeholders based on this policy.

This idea dominated the next 40 years until Milton Friedman drew attention to its failure. There were no social programs in 1932 and it predated Social Security. It became arbitrary and it pitted management against owners, leading to confusion as there was no central planning. Companies were simply solicited for funds and lacked the ability to investigate the true use of such funds.


Nevertheless, Klaus Schwab has resurrected this unoriginal idea, which failed like Marxism.




Adolf Augustus Berle Jr.
(1895 - 1971)
Lawyer



Gardiner Coit Means
(1896 - 1988)
Economist



WEC 2020



Schwab's Stakeholder Economics is not even his original idea. It was developed in 1932 before Roosevelt's New Deal where it was argued that companies should help people where there were no social programs before 1935. That all became immaterial once the New Deal took place.

Schwab's vision of how the world should work is the typical academic approach where, like Karl Marx, they want to change the very system for they reject any idea that the economy emerges from the collective behavior of the people – Adam Smith's Invisible Hand. Even John Maynard Keynes was forced to admit before he died that he was wrong and that he hoped that Smith's Invisible Hand would save Britain.

"I find myself more and more relying for a solution of our problems on the invisible hand which I tried to eject from economic thinking twenty years ago,"



John Maynard Keynes (1883-1946)

Yet before Keynes died, in 1946 he told Henry Clay, a professor of social economics and adviser to Bank of England, that he had hoped Adam Smith's Invisible Hand would help Britain (Source: after the War, **The World Bank, the IMF and the End**).



The Sovereign Ponzi Scheme

Perpetual deficit spending, issuing new debt to redeem the old, and keep it going like a child's game of Musical Chairs until the music stops!

Schwab's WEF began with the model being the Chamber of Commerce meeting in the United States. Klaus took it one step further and tried to bring business and government together in part because he was obsessed with this idea from the Great Depression of Stakeholder Economics whereby corporations owed a duty not to shareholders but to society. However, as the debt crisis emerges and Mario



Draghi took interest rates to negative in 2014 and trapped the central bank while wiping out Europe's ability to fund future spending, suddenly the solution became the Great Reset which was a nice way of saying debt default is inevitable.

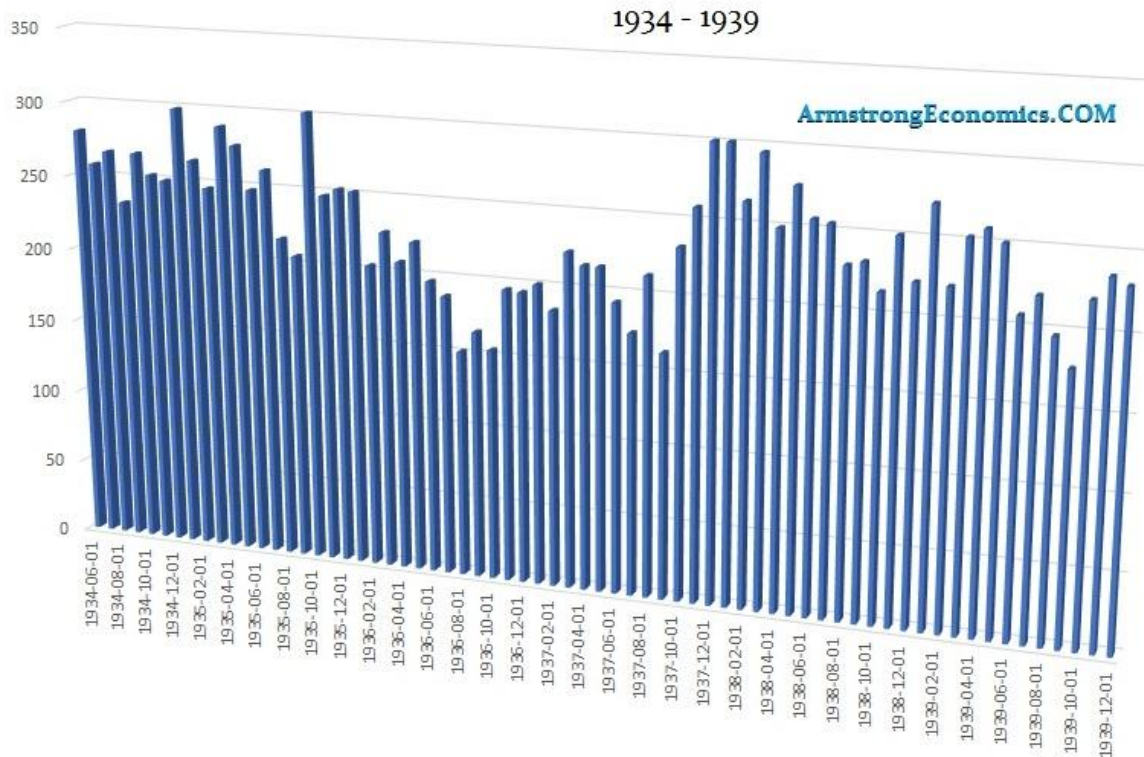
Thus, we all know that such a system cannot last. As events unfolded, it grew into an annual meeting which then people wanted to be seen

as being a part of it. Now that the debt crisis is looming thanks to the Negative Interest rates of Draghi, this policy of artificial interest rates has destroyed the European bond market. Hence, Schwab solution has been taken because it offers the end of the democratic process and the rebirth of tyranny.

This brings us to the question: How to actually forcefully create the Great Reset? Schwab knows very well that Franklin D. Roosevelt was able to get his Marxist agenda through only because the economy crumbled.



Manufacturing Business Failures



In the Great Bull Market, I reported how there were even people who rose up on the floor of Congress declaring that a dictatorship was better than the present system. The pain was amplified because of the Dust Bowl and farming account for 40% of the civil work force. There was no way to pass a law and make it rain. Small business failed on a wholesale basis.

People were jumping from windows having lost everything and others were desperately trying to give their children away because they could no longer feed them. The full scale collapse was felt around the world for it was also a Sovereign Debt default of 1931 that destroyed capital formation.



Destabilizing Society



Herbert Hoover
(1874 - 1964)
(President 1929 - 1933)

During this new stage of the depression, the refugee gold and the foreign government reserve deposits were constantly driven by fear hither and yon over the world. We were to see currencies demoralized and governments embarrassed as fear drove the gold from one country to another. In fact, there was a mass of gold and short-term credit which behaved like a loose cannon on the deck of the world in a tempest-tossed era.

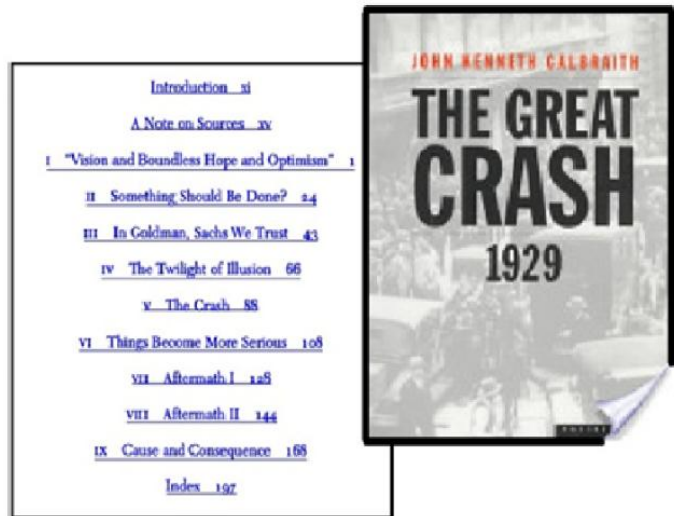
THE MEMOIRS OF Herbert Hoover - The Great Depression 1929-1941, id/p 67

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Herbert Hoover (1874–1964) noted the Sovereign Debt defaults of 1931 where the socialists were doing what they do best – blame capitalism and hid from the history books that the crisis was caused by the collapse of the debt markets – not equities. Nowhere in John Kenneth Galbreath's (1908–2006) book, *The Great Crash*, was there any mention of sovereign default because he wanted socialism to prevail.

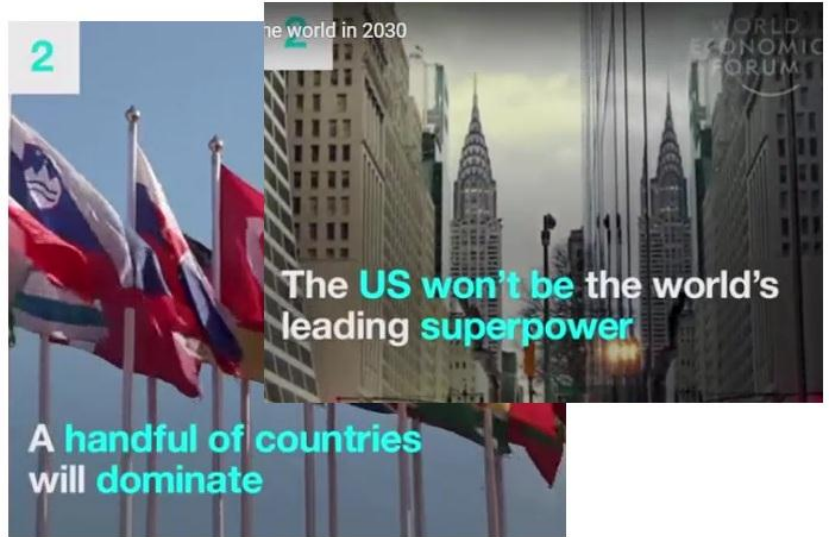
The same was true of the New York Times and how they intentionally hid the fact that Stalin killed 7 million Ukrainians because his communism resulted in massive crop failure by the government seizing control of all property with no expertise on how to even manage a farm. The Movie *Mr. Jones* exposes how the New York Times hid the truth of 1933 because they believed that communism was better than capitalism.

It took the New York Times waited until 1990 to admit that their reporting covered up the truth about Stalin and the massive starvation in an effort, like Schwab, once again, to sell “equality” as our salvation. The New York Times covered up the deaths during in the Ukraine famine admitting that their reporting on the Russian Revolution constituted **“some of the worst reporting to appear in this newspaper.”** They never revoked the Pulitzer Prize for writing fake news during the Depression.



BUILD BACK BETTER

Schwab and others have looked at the Great Depression as a guide to how to forcefully create their Great Reset and this Build Back Better Agenda. Every step of the way we are subjected to fake news that is the same purpose of the New York Times and others back during the Great Depression. They are once again misrepresenting even climate



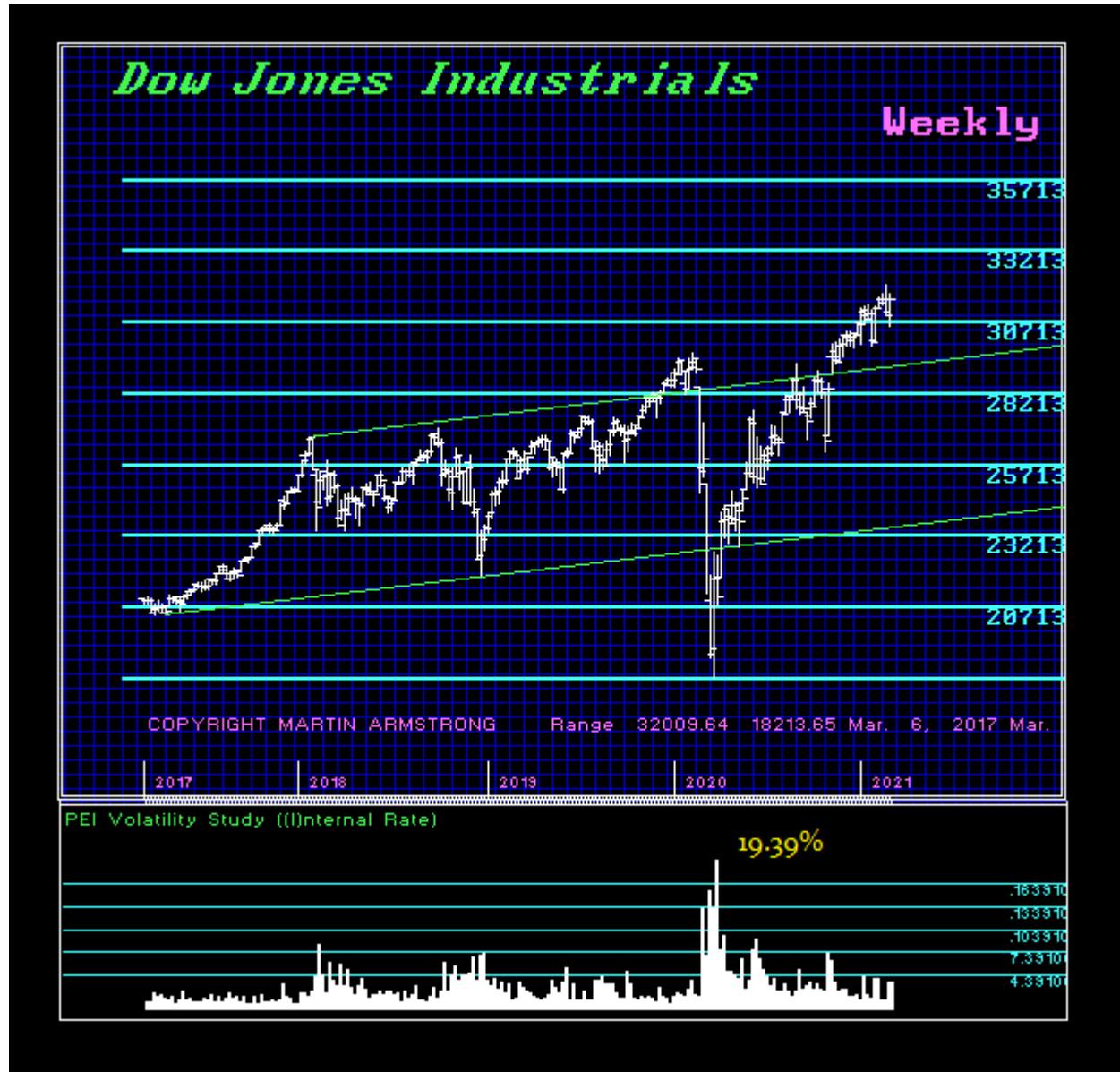
change to forcefully create a one-world government with the head being an unelected United Nations. This is an absolute absurdity to think that all nations will surrender sovereignty to these people. It is truly insane. To actually put out there is their promotional video that the United States will no longer be the world's superpower for the United Nations will become the leader of the world sounds more like a plot from a James Bond movie. Indeed, the Bond movies such a Quantum of Silence was rumored to be named after Soros' Quantum Fund.



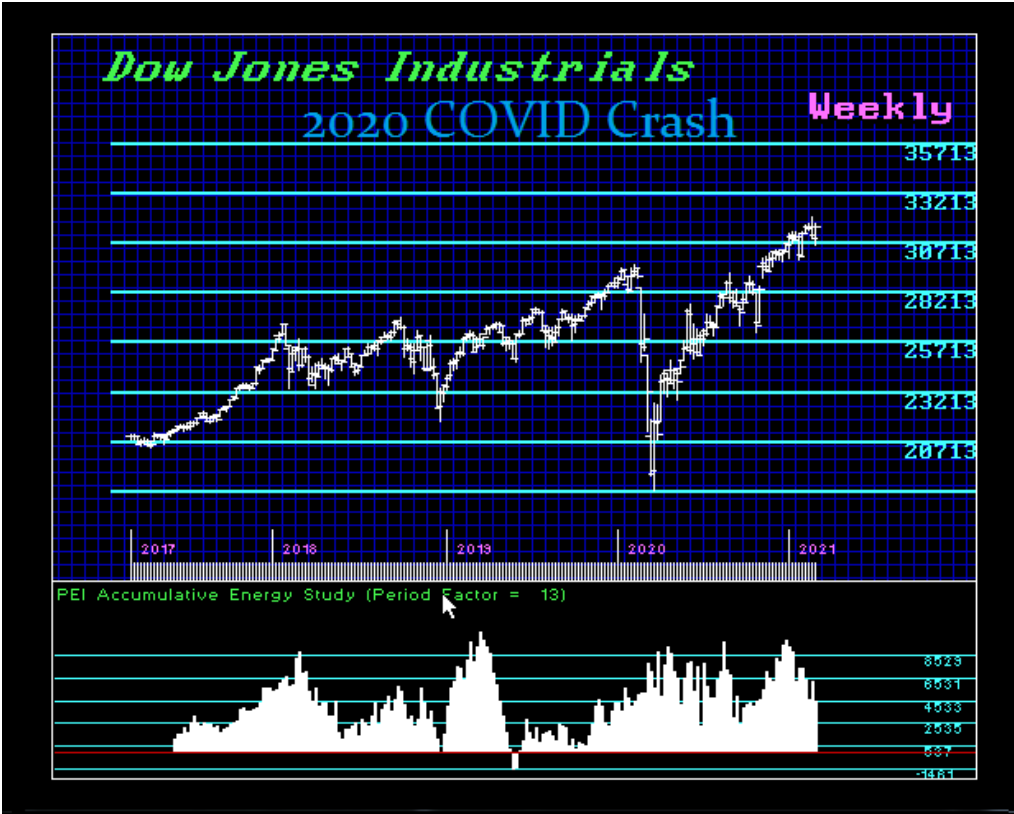
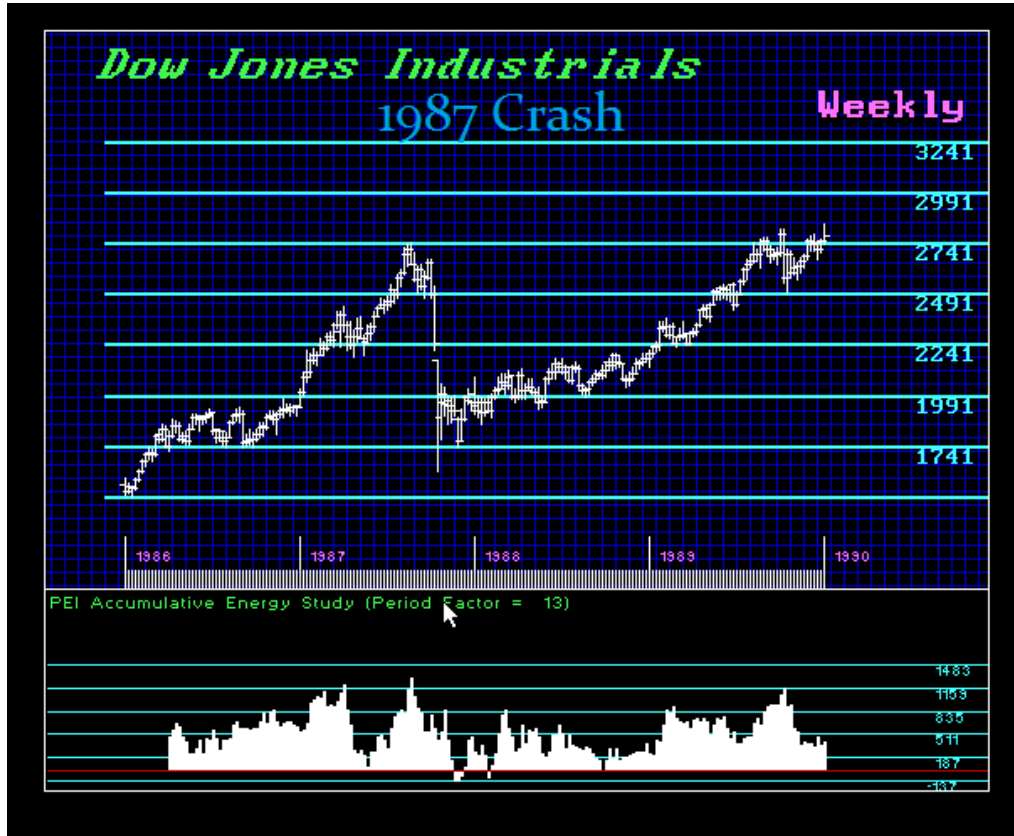
This propaganda has been well orchestrated on so many fronts right down to running the Climate Clock which they turned on in September 2020. The Guardian ¹ even published in March 2021 that their goal is to lock down the world economy every two

years to meet the arbitrary agenda of the UN's Paris Accord.

¹ <https://www.rt.com/news/517146-climate-lockdowns-every-two-years/>



Our investigation of the March 2020 Crash indicates that it was a failed attempt to crash the economy to roll out the **Build Back Better** agenda. Note that the crash was just 6 weeks and the move was 19.39% on the sixth week. To compare this even to 1929, by week six the decline was only 7.32%. The only comparison is actually the 1987 Crash which took 8 weeks to bottom. There the 8th week was 25.31%. However, from the 1987 Crash, it took 78 weeks to elect the first Weekly Bullish Reversal. Here it took just 19 weeks to elect the first Weekly Bullish Reversal.



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Here is a comparison of the 1987 Crash with that of the 2020 Crash using our Energy Models. Note how Energy peak with the formation of the high whereas going into the high we saw a massive reduction in Energy. When the market crashed, Energy rose and remained high. Besides the fact that it was the shortest crash in history, the market was bouncing back rapidly. All indications are that those behind the Great Reset were hoping to create an economic depression and to undermine the stock market in hopes of overthrowing Trump. What they did not count on was the shift from PUBLIC to PRIVATE assets.

When we look at the events and how they unfolded, it appears that this was a failed attempt to undermine the economy to support this Build Back Better agenda which would have been easier from a Great Depression vantage point as was the case to Roosevelt.

The World Economic Forum does not allow transparency. They keep their finances TOP SECRET. There have long been serious concerns about Klaus Schwab's conflicts of interest and his lack of transparency with respect to the financial data of his World Economic Forum. Others have been concerned that his family's background has been scrubbed from the internet to hide the fact that family members aided Hitler.

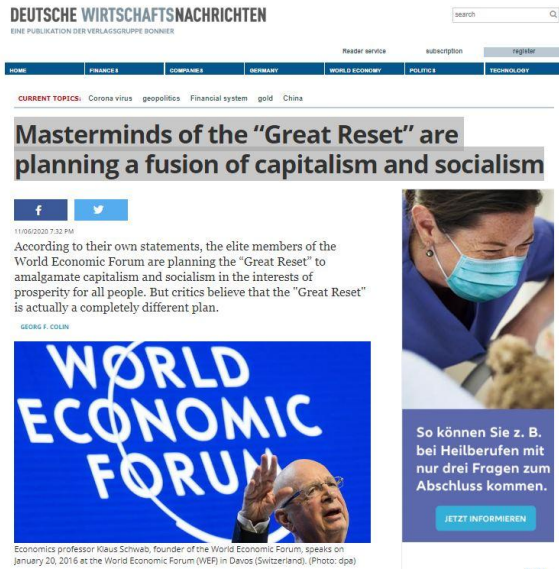


With Schwab's unprecedented control over world leaders, it is not that surprising that nobody will ever investigate his operation nor ask for full disclosure of them from the WEF. However, they are losing the battle. This raises the risk once again that by May of 2022, the Schwab Agenda will one more attempt to create another Great Depression to force the stock market down in hopes of people turning blindly to his Great Reset.



Once more, Schwab is an academic and he believes the very nonsense which was fake news during the Great Depression that is you crash the stock market, you can create the political change he desires.

Destabilizing Society



I find it really interesting how Klaus Schwab champions the **4th Industrial Revolution** and how Artificial Intelligence (AI) will change the world so we have to help shape it and accelerate it by destroying what we have to design the Great Reset. Only an academic would be that arrogant.

Our AI system, Socrates, was designed being a programmer and a trader – not an academic economist with book theories. I find it ironic that the economic theories that dominated the world during the 19th

century, with the exception of Marx, had hands-on experience. Today, academics who lack any hands-on experience claim they have degrees following Marx and profess that they can manipulate the economy and society to achieve the desired goals. The world these people are trying to create is nothing more than a theory with no real-world experience.

Yet all these people with Schwab and heads of state like Biden, key political period like Pelosi and Schumer, have one thing in common. There are all over 80. Is this objective to accelerate his 4th Industrial Revolution a goal to quickly advance medicine so they can prolong their own lives? Even Fauci is 80 and still working for the government? Why? To direct secret research to also prevent his own death?



Then Schwab also knows from the Russian Revolution that there will be resistance. He cleverly flips that around to claim that the resistance will be **BECAUSE** the world needs his Great Reset.

Destabilizing Society

This hypocrisy of the Democrats is beyond belief. But they will exempt foundations and put all their money into them tax free like Bill Gates and the Clintons, and they call themselves philanthropists because they buy stock in Big Pharma and pretend, they do it to help humanity. It is this measures that they pull off that

undermines the confidence on government and has been the primary reason why capital has been driven into equities for government debt offers nothing but losses.

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**Wants to know where
you got that 600 dollars**

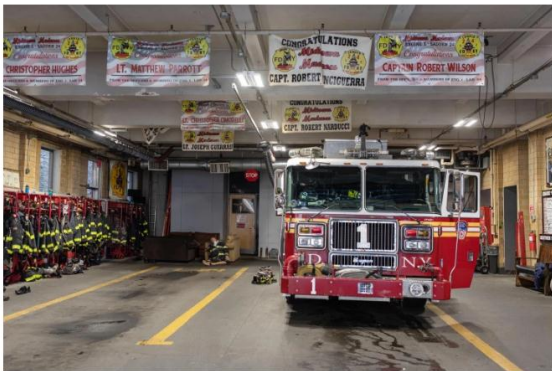


This corruption is not confined to Democrats. John McCain followed Hillary's lead and also established a foundation. But it was John McCain who handed the fake Russian Dossier on Trump paid for by Hillary to the FBI to start the whole Russian



investigation that proved it was all just made up for political purposes. McCain hated Trump because he was not a politician and vowed to drain the swamp. Trump's big mistake was assuming that as President you really could run the country and secondly that it was just a swamp rather than an ocean. The politicians hide their money in foundations where Trump at least paid taxes they avoided.

FIRE'S OUT



Over two dozen FDNY firehouses shut down over vax mandate staff shortage

The shuttered companies included Engine 55 in Lower Manhattan, Engine 234 in Crown Heights, Engine 231 in Brownsville, Ladder 128 in Long Island City and Engine 158 and Ladder 78 in Richmond on Staten Island, according to an FDNY alert sent Saturday morning.

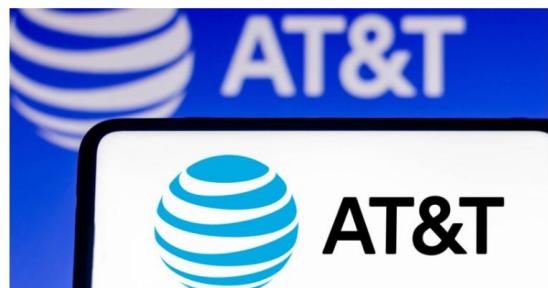
Meanwhile, the abuse of the vaccine mandates that clearly have nothing to do with actual health since vaccinated can still get COVID and spread COVID, then the only possible claim is that a vaccinated person may suffer COVID less intense than a non-vaccinated person. So, the proposition that you get vaccinated for others is really a political lie. This assumption that they can force compliance by

threatening their loss of a job is having a significant impact. In New York City, firemen and police have simply walked off the job leaving the city short of 26 fire stations and a major shortage of police in addition to healthcare workers.

In the meantime, all we need do is look to Victoria, Australia when Andrews is not only banning anyone from Parliament who is not vaccinated, but has put forth permanent power to keep his mandates perpetual and suggests that to retain any liberty you must be vaccinated with boosters every 8 months indefinitely. It appears that this is really about restraining movement, not your health.

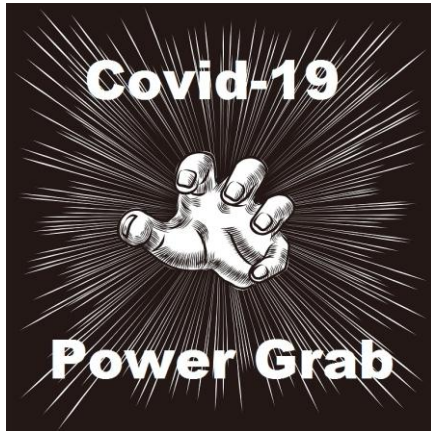
Then the effort to divide the people, which was a tactic of Adolf Hitler, has been underway with the critical race theory. Under court order, AT&T had to release its internal documents that bluntly states that "American racism is a uniquely white trait" and that "white people, you're the problem." If there anything to set race relations back 60 years, it is this deliberate effort to reignite racism. This will clearly lead to civil unrest and that is the objective. Turn the people against each other so they do not turn collectively against the government.

Published 16 hours ago on 29 October, 2021
Paul Joseph Watson



SOPA Images via Getty Images

Details of AT&T Corporation's 'racial re-education program' have leaked in which the company asserts "American racism is a uniquely white trait" and announces, "white people, you're the problem."
The documents were obtained by investigator and Critical Race Theory exposé-in-chief Christopher Rufo.



COVID is clearly not the issue with a kill ratio of a minimal 0.028% compared to the Spanish flu of 1918 which was 3%+. This has been a grab for power and it will not end with everyone getting vaccinated for they already have in the works boosters that will be required routinely to retain your liberty. This is only one prong of this attack of our rights, privileges, and immunities. They have been pushing Critical Race Theory to try to resurface the racism that existed 60 years ago in a different generation.

NEWSWARS

Battling tyranny worldwide

Saturday, October 30, 2021 | Video

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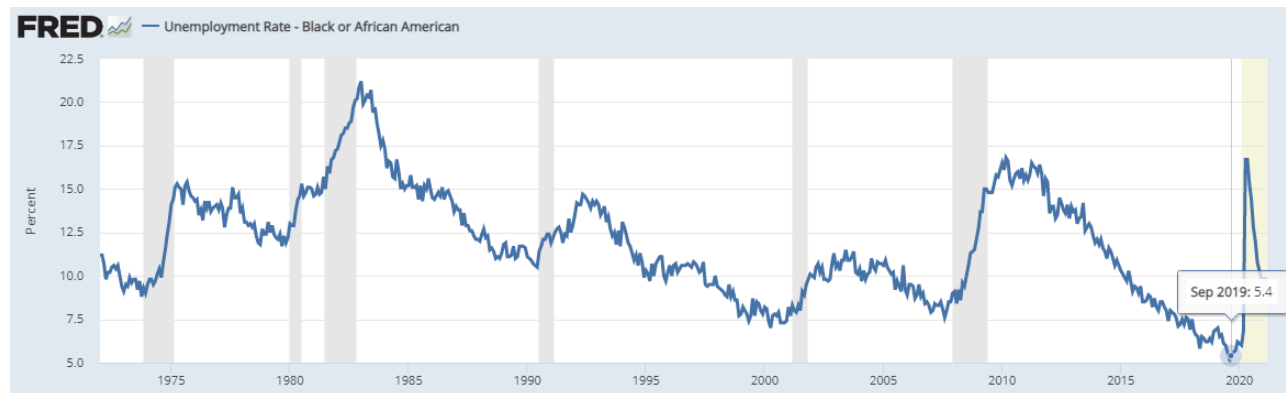
Even Amazon's internal documents exposed that the company rates their stores using a "**diversity index**," and determined the threat of unionization is "**higher**" at stores with "**lower diversity**." This is what the Critical Race Theory movement is all about — DIVIDE & CONQUER! Julius Caesar (100–44BC) was able to conquer Gaul despite being outnumbered more than 10 to 1 because the Gauls never united until it was too late. Even in the final battle during September 52BC, Julius Caesar sealed his fate as a legendary military commander at the Battle of Alesia where his army of 50,000 Romans defeated 200,000 Gauls in what is now modern-day Burgundy, France.

Destabilizing Society



The Celtic tribes were never united. Caesar defeated the Belgae tribes as well as the Helvetia (Swiss). Had they all united, Caesar surely would not have conquered Europe. Hence, keep your opponents divided and you will win. This is the entire object of the Critical Race Theory movement — divide and created hatred between the groups.

They are applying the attitudes of pre-Civil War to all whites today. This is intended to keep society divided for if they unite, then they will rise up and Schwab's Marxist-Wonderland will never come to pass.



The solution is clear — Unite & Conquer. Black unemployment reached its historic low under the Trump Administration. Even a black became president, which would never have taken place 60 years ago. The only reason to now rush in this Critical Race Theory is to divide the people so there is no unified rebellion that turns into a revolution.

The Next Manipulation



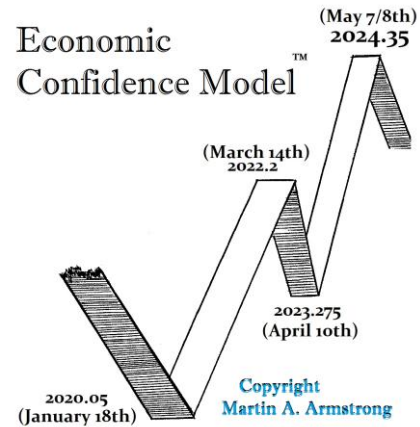
As it stands now, we are approaching early 2022, we may face yet another attempt to engage in a manipulation once more trying desperately to create another Great Depression so they can get society to adopt the Great Rest full boat. They are losing the battle with rising resistance worldwide. Some nations have even downgraded COVID to flu status saying there is no proof that it is a major threat to humanity.

Our timing models warn that a correction is now possible and the primary resistance during 2022 in the Dow Jones Industrial Index will stand at 37,635 with initial resistance at 35,238 which we have been trading above here in October.

This implies that a closing at year-end above 35,238 will point to a further rally into 2022. We would need a closing for 2021 **ABOVE** 36,920 to a strong rally which could test the 40,000 level should the market close above the 38,025 level during 2022. Such a high could arrive even by the week of January 17, 2022 or February 21, 2022. By then, the most aggressive resistance stands at 39,485, followed by 41,742. That would become possible only if we see 2021 close above 37,635 at year end.

The Next Manipulation

The real question is that since we will reach the 13-year cycle in early 2022 for the Dow, the next turning point on the ECM will be March 14th, 2022 (2022.2). This is the same target on the ECM wave from the start of this 51.6-year wave which was 1985.65. That turning point produced **not** the high in the market, but the precise day of the low which was October 19th, 1987 (1985.65 + 2.15 years). That will be 31 weeks from the high of the week of August 9, 2021.



1985年(1987年) 216 月曜日 THE KARUISHI SHIRO SHIMBUN

日本株は97年にかけて反騰

米国のプリンストン経済研究所 マーチン・アームストロング会長講演



アームストロング会長

NYダウ6000ドル 金1000ドル乗せも

米国のプリンストン経済研究所のマーチン・アームストロング会長は、米国の株価は今年前半に反騰期を迎える可能性がある。また、同時に米国のインフレ率の拡大も予想される。アームストロング氏は、米国の株価は今年前半に反騰期を迎える可能性がある。また、同時に米国のインフレ率の拡大も予想される。アームストロング氏は、米国の株価は今年前半に反騰期を迎える可能性がある。また、同時に米国のインフレ率の拡大も予想される。

米国のプリンストン経済研究所のマーチン・アームストロング会長は、米国の株価は今年前半に反騰期を迎える可能性がある。また、同時に米国のインフレ率の拡大も予想される。アームストロング氏は、米国の株価は今年前半に反騰期を迎える可能性がある。また、同時に米国のインフレ率の拡大も予想される。

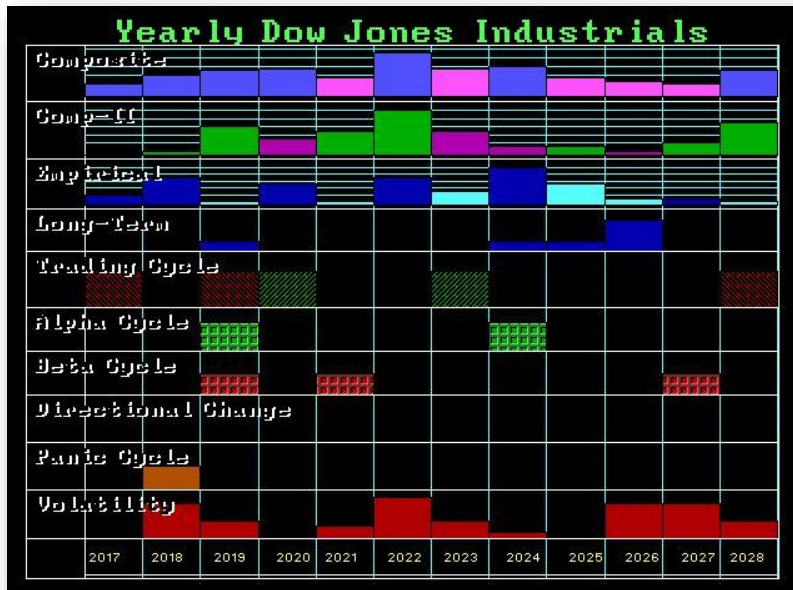
Our forecast back in 1985 that the Dow Jones Industrials would rise from 1,000 to reach 6,000, sounded absolutely insane to many. This was the beginning of this Private Wave 1985.65. Many cannot believe that our long-term forecast has been so correct. What they fail to grasp is that the long-term trend is far more predictable than where the Dow will close tomorrow.

The Next Manipulation

Time Magazine on November 30, 2009 even conceded that I “made several eerily on-the-mark calls using a formula based on the mathematical constant pi.” The New Yorker did a 10–page article on me in 2009 and confirmed: “His model singled out, in advance, the day of the October, 1987, crash.”

If that target on the ECM produced a major spike low under 29,000 but hold 21,690, then such a low could be followed by a high as late as 2027. Volatility should rise in 2022 and there remains a shot that 2021 will produce the highest yearly closing with a 2–year correction into 2023. That would be possible if the ECM turning point fails to produce an important low the week of March 14th.

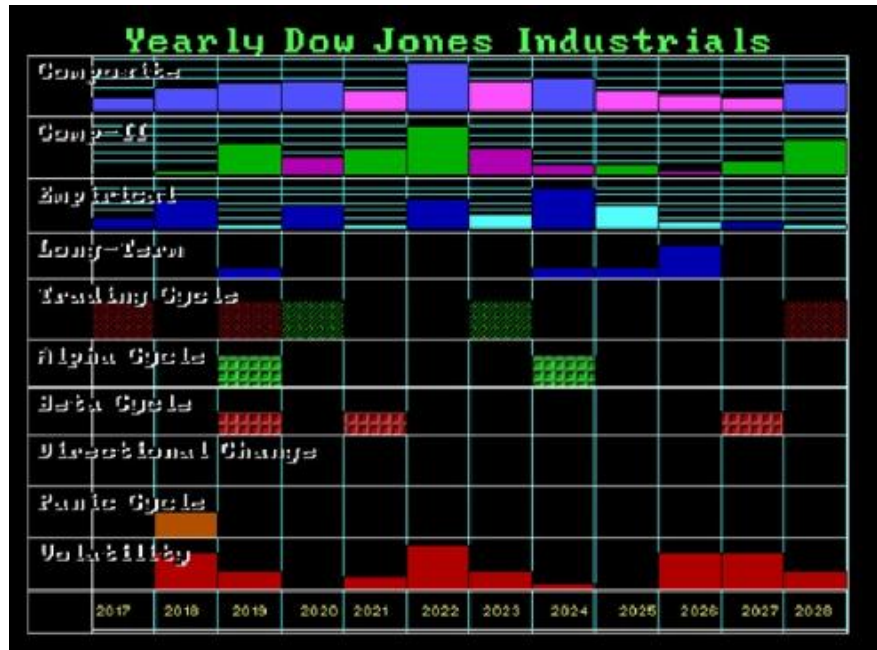
When we look at the 2017 Yearly Array on the Dow, we see that 2022 was the strongest target looking ahead at that time. 2018 produced a high but then was slammed for the close and then 2019 shot back up and 2020 then produced the COVID Crash low.



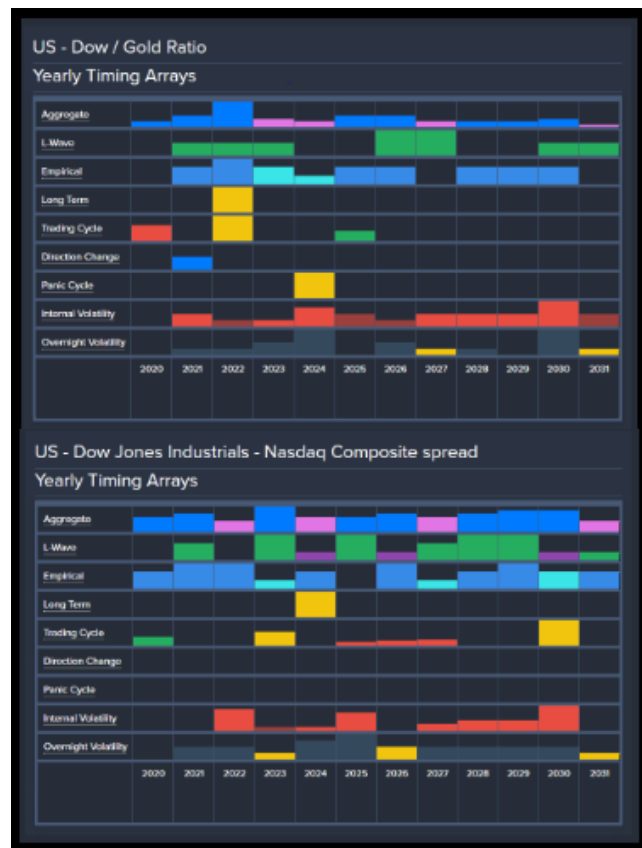
**"The Secret Cycle" by Nick Paumgarten;
The New Yorker Magazine Oct 2009
10 Page Article on Armstrong's discovery)**

showed a large spike for 2022 and again going into 2026 and 2027. Hence, I would be very mindful that 2022 offers an opportunity for a correction.

The Next Manipulation



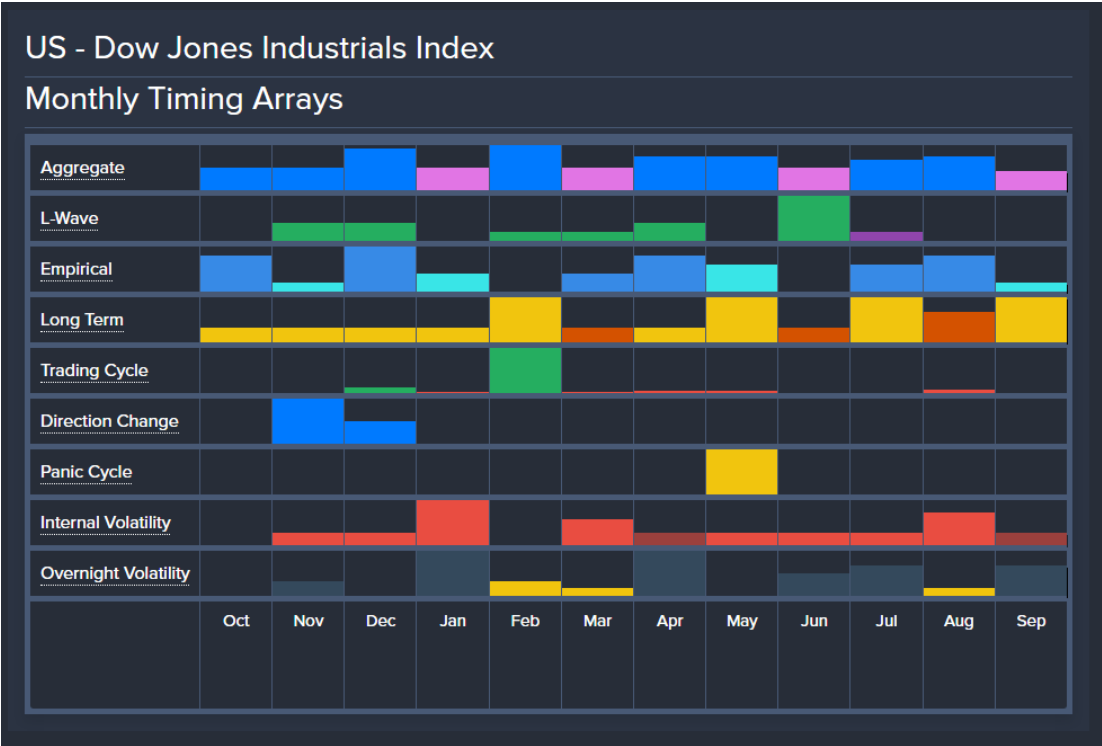
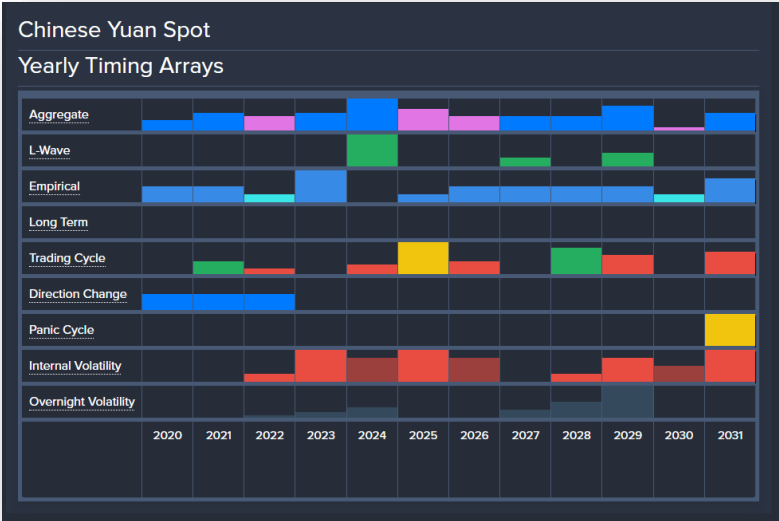
Even going back to the 2016 array, once again we can see that 2022 was the major target. We made it clear that our first short-term that was 23,000 and the second target by 2022 would be a test of the 40,000 level. Those long-term forecast are now coming into focus.



When we filter in other markets, we can see similar supporting evidence that 2022 will be an important target. The Yearly Array on Gold shows a turning point in 2022 and a Panic Cycle in 2023. Indeed, 2022 would be a two-year reaction low for gold following the 2020 high. The Dow/Gold Ratio also implies that we will probably get a low in gold in 2022 and a high in the Dow which could last for two years into 2024. The Dow Nasdaq spread also suggests as possible shift in trend in 2022 that may result in a spike session during 2023.

The Next Manipulation

Looking to the Euro for guidance, there our models simply showed a low due in 2020 which appear to have been correct, but back-to-back Directional Changes for 2021 and 2022 with rising volatility post 2021 and a choppy trend back and forth until 2024. Filtering in the Chinese yuan, we see a string of Directional Changes from 2020 into 2022 with volatility escalating in 2023 and a major turning point in 2024.



Therefore, it certainly appears that there is a valid risk of a high forming temporarily in early 2022. Between now and there, note that we have a rather exception Double Directional Change due in November followed by another Directional Change in December with a December target, higher volatility in January and obviously a choppy period into March turning point on the ECM.

The Socrates Generated Commentary



DOW JONES INDUSTRIALS



This market made a bull run from the low of 285 made in 1790 for 230 years into a high established in 2020 at 3058879. Last year was an outside reversal to the upside after reaching a low at 1821365. It was also a record high for this series. Presently, this market has rallied exceeding last year's high of 3058879 reaching 3563119 while holding last year's low of 1821365. On the Yearly Level, timing Models are always critical and there was a chance of an Outside Reversal to the upside in 2020 yet since this market has exceeded the 2020 high, then a further rally is possible into the next target of 2023. So far this year, the market has exceeded the 2020 high of 3058879 and it remains above that level on a closing basis. To date, we have not elected any Monthly Bearish Reversals from the August high. The next Monthly Bearish Reversal to focus on lies at 3347370. While the next target in time will be 2023, our Long-Term Empirical Model suggests that a possible high may form during 2021. The failure to exceed this year's high would imply that the next target could unfold as a low in 2023.

DOW JONES INDUSTRIALS

At this moment in time, we are still trading above last year's high. So far, we have not elected any Monthly Bearish Reversals from the high made during last August. Maintaining a closing above our Momentum Projection standing at 3249303 will signal that the market is still with broader trend support right now. However, since this year has exceeded last year's high, then a closing at year-end below this momentum number could warn of a temporary high and the next turning point could be a low in 2023. This turning point 2020 also matched the turning point on the Economic Confidence Model implying it was significant (NOTE: this can be intraday or on a closing basis).

The strongest target in the Yearly array is 2027 for a turning point ahead, at least on a closing basis.

The Dow Jones Industrials has continued to make new historical highs over the course of the rally from 2009 moving into 2021. Noticeably, we have elected four Bullish Reversals to date.

This market remains in a positive position on the weekly to yearly levels of our indicating models. From a Historical Perspective, ever since the low of 1792, there have been 10 major lows with each being higher than the previous which is indicative of a protracted long-term bull market. The last major low was established back in 2009 with the high forming during 2020. This decline has thus been 11 year. We have exceeded the last year's high of 3058879 and are currently trading above it closing currently at 3432646. Even so, we have not elected any Yearly Bearish Reversal to date from the turning point of 2020.

The last major low took place during 2009 which was 12 years ago. While this is the twelfth year up and normally, we should see a further rally into next year, it is important that this year closes above that of last year's high of 3058879 to maintain the upward momentum. Indeed, so far this year has rallied above last year's high of 3058879 reaching 3563119. As of now, the market is still trading above last year's high. A lower closing at year-end under 3040956 would warn that we may first see a retest of support into next year.

YEARLY ANALYSIS PERSPECTIVE

Factually, in Dow Jones Industrials, the last important low formed back in 2009, there was a rally into the important high established during 2020 which has exceeded the pure reactionary phase with a bull market run do far for eleven years.

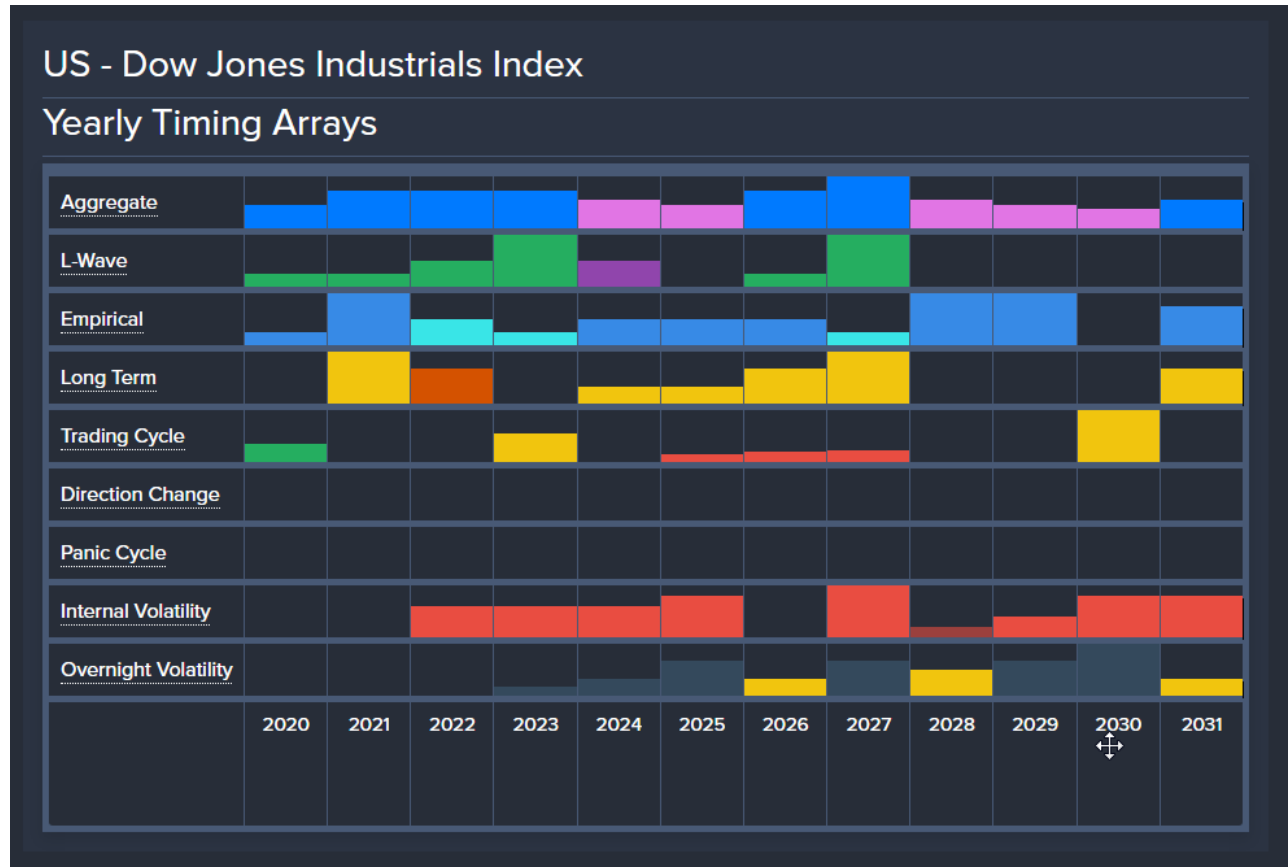
Recently on the yearly level, the market has rallied exceeding last year's high reaching 3563119 intraday and we are still trading above 3058879 right now with a positive undertone. At this moment, the market is trading still holding above support in a bullish posture. This market came to test the Yearly Bearish Reversal at 1967780 bottoming at 1821365 but failed to close below it.

Right now, as stated, the market is trading above last year's high of 3058879. Overall, the market has been in a long-term bullish trend. We have not elected any Yearly Bearish Reversals from that major high. Right now, the market is trading bullish above our yearly momentum indicators warning that support begins down at 2695181.

Examining the yearly time level, we can now see that there is a -.05% risk on the upside, where we show a clear downside risk factor at 42%. From a risk perspective, resistance on a closing basis stands at 3247592 whereas the risk on the downside begins at 1967780.

YEARLY TECHNICAL ANALYSIS

2021/01/01...	1909374	2609981	2629460	3048601	3523763
2022/01/01...	1944342	2754377	2698719	3137819	3763493
2023/01/01...	1979311	2898773	2767977	3227037	4003224
2024/01/01...	2014280	3043170	2837236	3316254	4242955
2025/01/01...	2049249	3187566	2906495	3405472	4482685
2026/01/01...	2084218	3331962	2975754	3494690	4722416
2027/01/01...	2119187	3476359	3045012	3583908	4962147



YEARLY TIMING ANALYSIS

Glancing at the longer-term yearly level, we see turning points where highs or lows on an intraday or closing basis should form will be, 2023, 2027, 2029 and 2031. Considering all factors, there is a possibility of a decline moving into 2023 with the opposite trend thereafter into 2027. This pattern becomes a possibility if the market closed back below last year’s high of 1821365 at a minimum. Closing this year above last year’s high warns that a cycle inversion is possible with a rally into the next target.

YEARLY VOLATILITY

Searching the volatility models suggest we should see a rise in price movement during January 2030. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

THE BROADER LONGER-TERM VIEW

Detectably, the broader investigation enquiry view recognizes that the current directional movement since the low made back in March 2020 has been a long-term Bullish trend in Dow Jones Industrials. This trend remains in motion as long as we hold above 2552351 on a monthly closing basis. It is incredibly important to identify the broader trend for that is the underlying tone. It is wise to take position counter-trend only with this understanding of what you are doing. We need to see a monthly closing back above 3509155 to confirm the uptrend will recommence.

YEARLY OUTSIDE COMMENT

A closing above last year's high of 3058879 will warn of perhaps new highs into next year. A closing below that number would warn that this year could be just a temporary high.

INDICATING RANGE STUDY

Looking at the indicating ranges on the Yearly level in the Dow Jones Industrials, this market remains in a bullish position at this time with the underlying support beginning at 2487607.

Yearly Indicating Ranges

Immediate Trend bullish
Short-Term Momentum bullish
Short-Term Trend bullish
Intermediate Momentum bullish
Intermedia Trend bullish
Long-Term Trend bullish
Cyclical Strength bullish
Broadest Trend bullish

TRADING ENVELOPE STUDY

NORMAL YEARLY TRADING ENVELOPE

Last Close Was. 3040956
Envelope Top... 2220488
Internal AvgL.. 1953862
Internal AvgH.. 2393725
Envelope Btm... 1390062

STOCHASTICS

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

ENERGY MODELS

Looking at our Energy Models on the Yearly level, the historical high took place back in 2018 whereas the actual market high in price unfolded back in 2020. When Energy peaks BEFORE the price high, this is indicative of a major important high is forming and that we may see a serious change in trend to the downside thereafter.

REVERSAL COMMENTARY

On our Yearly Hypothetical Models, clearly, we see that we have Yearly Bearish Reversals that would be generated if we see another new high penetrating 3563119. These Tentative Hypothetical Bearish Reversals would rest at 501453, 646995, 1967794, and 2263841, whereas a close below the previous low 1821365 would tend to suggest that these Tentative Hypothetical Reversals will then become fixed as long as the high holds thereafter for at least several days. Moreover, the election of any of these Tentative Hypothetical Bearish Reversals during this next session would signal a decline is unfolding and that such a high may stand. However, if we continue to make new highs, then these Tentative Hypothetical Reversals will be replaced by a new set until the high becomes fixed.

YEARLY FIBONACCI PROJECTIONS IN TIME

These are the Fibonacci Time targets for potential turning points ahead calculated from the 01/01/2020 HIGH:

Sun. 01/01/2023
Wed. 01/01/2025
Sat. 01/01/2028
Sat. 01/01/2033
Tue. 01/01/2041
Thu. 01/01/2054
Tue. 01/01/2075
Wed. 01/01/2109
Mon. 01/01/2164

Note: Once more, these are purely Fibonacci projections in Time. They should not be used independently, but they are more important as a correlation tool when the line up with the targets from our Timing Arrays.

YEARLY FIBONACCI RETRACEMENTS & PERCENTAGE MOVEMENTS

Here are the Fibonacci Percentage Retracements from the previous HIGH at 3058879

23% | 2336984
38% | 1890387
61% | 1168492
78% | 654600

Fibonacci Percentage Golden Ratio Movements:

3% | 2023/01/01
5% | 2025/01/01
8% | 2028/01/01
13% | 2033/01/01
21% | 2041/01/01
34% | 2054/01/01
55% | 2075/01/01
89% | 2109/01/01

ECONOMIC CONFIDENCE MODEL CORRELATION

Here in Dow Jones Industrials, we do find that this particular market has correlated with our Economic Confidence Model in the past. Our next ECM target remains Mon. Mar. 14, 2022. The Last turning point on the ECM cycle low to line up with this market was 2020 and 2009 and 2002. The Last turning point on the ECM cycle high to line up with this market was 2020 and 2007 and 2000.

YEARLY CURRENCY CORRELATION

The Dow Jones Industrials did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



QUARTERLY ANALYSIS PERSPECTIVE

HEDGING MODEL

By means of our Quarterly Hedging Model using only the Reversal System, we are currently long since during the Third Quarter 2020 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Quarterly closing basis above the next Bearish Reversal on this level 2552340. If you want to reduce the exit strategy then use the next Monthly Reversal if we reach the timing objectives.

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a crash mode suggesting we may see a decline from here.

Nonetheless, the market has remained weak trading more towards the support level. A closing above 1443430 will signal a further rally into the next target. (NOTE: this can be intraday or on a closing basis).

The strongest target in the Quarterly array is the First Quarter 2024 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting the Third Quarter 2021 until the Fourth Quarter 2021 with each target producing the opposite direction for that 2-quarter period. Thereafter, we see the next target coming into play as the Second Quarter 2022 until the Fourth Quarter 2022 with again each target producing the opposite direction for that 3-quarter period.

However, the important target during that period will be the Fourth Quarter 2022. Still, when we look at the next higher time level, we see that a high formed during Yearly.

QUARTERLY CURRENCY CORRELATION

The Dow Jones Industrials did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 07/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

DOW JONES INDUSTRIALS

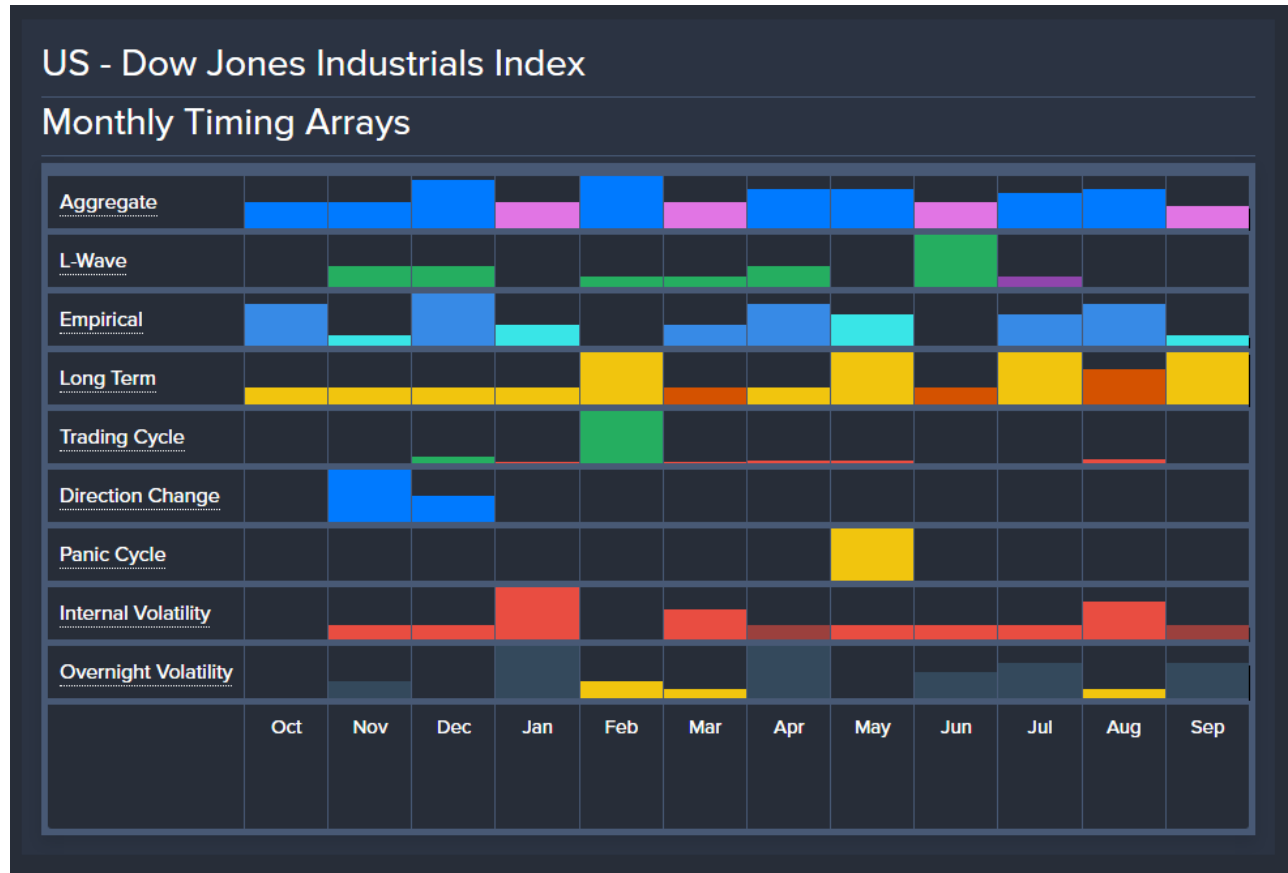
In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 07/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



MONTHLY LEVEL

MONTHLY BROADER TREND VIEW

Looking at a broader time horizon, this market is in an uptrend position on all our monthly indicators for the near-term trend. We see here the trend has been moving up for the past 18 months. The previous low of 1821365 made during March 2020 on the Monthly level. The previous high made during August on the Monthly level at 3563119 remains significant technically and only exceeding that level on a closing basis would suggest a reversal in the immediate trend. However, we still remain below key resistance 3509156 on a closing basis.



MONTHLY TURNING POINTS

Looking at timing, I see the key targets on the Turning Point Model, defined as highs or lows on an intraday or closing basis, for December, February 2022, April 2022 and July 2022. Considering all factors, there is a possibility of a decline moving into December with the opposite trend thereafter into February 2022. Looking ahead at December, a continued advance becomes possible if this month's high is penetrated intraday.

MONTHLY VOLATILITY

Searching the volatility models suggest we should see a rise in price movement during January 2030. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

MONTHLY BULLISH REVERSALS

The key Monthly Bullish Reversal stands overhead at 3484940. If this market rallies on a monthly closing basis above this level, then a breakout becomes possible. If

we exceed that Reversal, then the next key resistance level to watch will be the next Monthly Bullish Reversal at 3425680.

MONTHLY BEARISH REVERSALS

The key Monthly Bearish Reversal below the market remains at 3347370. If this is breached on a monthly closing basis, then a further decline becomes entirely possible. If we penetrate that Reversal on a closing basis, then the next key support level to watch will be the next Monthly Bearish Reversal lies at 3054740.

HEDGING MODEL

By means of our Monthly Hedging Model using only the Reversal System, we are currently long since July 2020 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Monthly closing basis above the next Bearish Reversal on this level 3347370. If you want to reduce the exit strategy then use the next Weekly Reversal if we reach the timing objectives.

The Stochastics are all in a bullish position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

On the Monthly Level, timing Models are always critical and there was a chance of a low moving into September with the opposite trend implied thereafter into October which is a Directional Change (NOTE: this can be intraday or on a closing basis).

The strongest target in the Monthly array is February 2022 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting September until October with each target producing the opposite direction for that 2-month period. However, given that February 2022 is a very strong target, this can produce an important event. Thereafter, we see the next target coming into play as December until May 2022, but we do have a key target arriving also on February 2022 with again each target producing the opposite direction for that 6-month period. There are 2 Monthly Directional Change targets starting from October to November warning of a potential choppy swing period for these few Months. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

Monthly Level

Indicator Description... Trend

Immediate Trend	(Bearish)
Short-Term Momentum	- Neutral -
Short-Term Trend	- Neutral -
Intermediate Momentum	BULLISH
Intermediate Trend	BULLISH
Long-Term Trend	BULLISH
Cyclical Strength.....	BULLISH
Broader Trend	BULLISH
Long-Term Cyclical Trend ..	BULLISH

MONTHLY CURRENCY CORRELATION

The Dow Jones Industrials did make a high in conjunction with the British pound on 07/01 yet in nominal terms the last high was created on 08/01 whereas the high in Australian dollar took place on 07/01, a high in the Canadian dollar was established on 07/01, a high in the Japanese yen was established on 07/01, a high in the Swiss franc was established on 07/01, a high in the Euro was established on 07/01, and a high in the Chinese yuan was 07/01.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 08/01 after the high in terms of a basket of currencies which came on 07/01 implying that this immediate rally is purely in domestic terms.

MARKET RISK FACTOR

Dow Jones Industrials Risk Table

----- UPSIDE RISK ----- DOWNSIDE RISK ----

MONTHLY.....	3484940	1.523%	3347370	2.484%
QUARTERLY.....	3531046	2.866%	2552340	25.64%
YEARLY.....	3247592	-5.39%	1967780	42.67%

S&P 500 CASH INDEX



This market made a bull run from the low of 1665 made in 1950 for 70 years into a high established in 2020 at 376020. Last year was an outside reversal to the upside after reaching a low at 219186. It was also a record high for this series. Presently, this market has rallied exceeding last year's high of 376020 reaching 454585 while holding last year's low of 219186. On the Yearly Level, focusing in now on timing factors, there was a rational potential of an Outside Reversal to the upside in 2020 yet since this market has exceeded the 2020 high, then a further rally is possible into the next target of 2024 which is a Directional Change. So far this year, the market has exceeded the 2020 high of 376020 and it remains above that level on a closing basis. To date, we have elected 4 Monthly Bearish Reversals from the September high. While the next target in time will be 2024, our Long-Term Empirical Model suggests that a possible high may form during 2022. The failure to exceed this year's high would imply that the next target could unfold as a low in 2024.

At this moment in time, we are still trading above last year's high. Maintaining a closing above our Momentum Projection standing at 411527 will signal that the market is still with broader trend support right now. However, since this year has exceeded last year's high, then a closing at year-end below this momentum number could warn of a temporary high and the next turning point could be a

S&P 500 CASH INDEX

low in 2024. This turning point 2020 also matched the turning point on the Economic Confidence Model implying it was significant (NOTE: this can be intraday or on a closing basis).

The strongest target in the Yearly array is 2024 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting 2027 until 2028 with each target producing the opposite direction for that 2-year period.

The S&P 500 Cash Index has continued to make new historical highs over the course of the rally from 2009 moving into 2021. Noticeably, we have elected four Bullish Reversals to date.

This market remains in a positive position on the weekly to yearly levels of our indicating models. From a Historical Perspective, ever since the low of 1953, there have been 4 major lows with each being higher than the previous which is indicative of a protracted long-term bull market. The last major low was established back in 2009 with the high forming during 2020. This decline has thus been 11 year. We have exceeded the last year's high of 376020 and are currently trading above it closing currently at 435704. Even so, we have not elected any Yearly Bearish Reversal to date from the turning point of 2020.

The last major low took place during 2009 which was 12 years ago. While this is the twelfth year up and normally, we should see a further rally into next year, it is important that this year closes above that of last year's high of 376020 to maintain the upward momentum. Indeed, so far this year has rallied above last year's high of 376020 reaching 454585. As of now, the market is still trading above last year's high. A lower closing at year-end under 375607 would warn that we may first see a retest of support into next year.

YEARLY ANALYSIS PERSPECTIVE

Factually, in S&P 500 Cash Index, the last important low formed back in 2009, there was a rally into the important high established during 2020 which has exceeded the pure reactionary phase with a bull market run do far for eleven years.

S&P 500 CASH INDEX

Recently on the yearly level, the market has rallied exceeding last year's high reaching 454585 intraday and we are still trading above 376020 right now with a positive undertone. At this moment, the market is trading still holding above support in a bullish posture.

Right now, as stated, the market is trading above last year's high of 376020. Overall, the market has been in a long-term bullish trend. We have not elected any Yearly Bearish Reversals from that major high. Right now, the market is trading bullish above our yearly momentum indicators warning that support begins down at 269497.

Examining the yearly time level, we can now see that there is a -.01% risk on the upside, where we show a clear downside risk factor at 58%. From a risk perspective, resistance on a closing basis stands at 427247 whereas the risk on the downside begins at 181000.

YEARLY TECHNICAL ANALYSIS

2021/01/01...	299579	303507	342633	353960	389767
2022/01/01...	317019	323242	351553	368544	416691
2023/01/01...	334459	342978	360473	383128	443615
2024/01/01...	351899	362714	369393	397712	470539
2025/01/01...	369339	382449	378313	412296	497463
2026/01/01...	386779	402185	387233	426880	524387
2027/01/01...	404219	421921	396153	441464	551311



YEARLY TIMING ANALYSIS

Glancing at the longer-term yearly level, we see turning points where highs or lows on an intraday or closing basis should form will be, 2024, 2026, 2028 and 2030. Considering all factors, there is a possibility of a decline moving into 2024 with the opposite trend thereafter into 2026. This pattern becomes a possibility if the market closed back below last year’s high of 219186 at a minimum. Closing this year above last year’s high warns that a cycle inversion is possible with a rally into the next target.

YEARLY DIRECTIONAL CHANGES

Focusing an important timing model, the Directional Change Model targets are during 2024 and during 2025. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

YEARLY VOLATILITY

Searching the volatility models suggest we should see a rise in price movement during January 2023. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

YEARLY PANIC CYCLES

Focusing on the potential for sharp movement, our Panic Cycle target, for the next period to watch is during 2028. This is beyond the peak in the next Economic Confidence Model due in 2024. Keep in mind that a Panic Cycle differs from just volatility. This can be either an outside reversal or a sharp move in only one direction. Panic Cycles can be either up or down. Watch the Stochastics and the reversals to determine the best indication of the potential direction.

THE BROADER LONGER-TERM VIEW

Detectably, the broader investigation prospective view recognizes that the current directional movement since the low made back in February 2016 has been a long-term Bullish trend in S&P 500 Cash Index. This trend remains in motion as long as we hold above 244749 on a monthly closing basis. It is incredibly important to identify the broader trend for that is the underlying tone. It is wise to take position counter-trend only with this understanding of what you are doing.

YEARLY OUTSIDE COMMENT

A closing above last year's high of 376020 will warn of perhaps new highs into next year. A closing below that number would warn that this year could be just a temporary high.

INDICATING RANGE STUDY

Looking at the indicating ranges on the Yearly level in the S&P 500 Cash Index, this market remains in a bullish position at this time with the underlying support beginning at 227753.

Yearly Indicating Ranges

Immediate Trend bullish

Short-Term Momentum bullish

Short-Term Trend bullish

Intermediate Momentum bullish

S&P 500 CASH INDEX

Intermedia Trend bullish

Long-Term Trend bullish

Cyclical Strength bullish

TRADING ENVELOPE STUDY

NORMAL YEARLY TRADING ENVELOPE

Last Close Was. 375607

Envelope Top... 249000

Internal AvgL.. 220753

Internal AvgH.. 273569

Envelope Btm... 155878

STOCHASTICS

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

ENERGY MODELS

Looking at our Energy Models on the Yearly level, the historical high took place back in 2018 whereas the actual market high in price unfolded back in 2020. When Energy peaks BEFORE the price high, this is indicative of a major important high is forming and that we may see a serious change in trend to the downside thereafter.

REVERSAL COMMENTARY

On our Yearly Hypothetical Models, clearly, we see that we have Yearly Bearish Reversals that would be generated if we see another new high penetrating 454585. These Tentative Hypothetical Bearish Reversals would rest at 120547, 121929, 173792, and 234658, whereas a close below the previous low 219186 would tend to suggest that these Tentative Hypothetical Reversals will then become fixed as long as the high holds thereafter for at least several days. Moreover, the election of any of these Tentative Hypothetical Bearish Reversals during this next session would signal a decline is unfolding and that such a high may stand. However, if we continue to make new highs, then these Tentative

S&P 500 CASH INDEX

Hypothetical Reversals will be replaced by a new set until the high becomes fixed.

YEARLY FIBONACCI PROJECTIONS IN TIME

These are the Fibonacci Time targets for potential turning points ahead calculated from the 01/01/2020 HIGH:

Sun. 01/01/2023
Wed. 01/01/2025
Sat. 01/01/2028
Sat. 01/01/2033
Tue. 01/01/2041
Thu. 01/01/2054
Tue. 01/01/2075
Wed. 01/01/2109
Mon. 01/01/2164

Note: Once more, these are purely Fibonacci projections in Time. They should not be used independently, but they are more important as a correlation tool when the line up with the targets from our Timing Arrays.

YEARLY FIBONACCI RETRACEMENTS & PERCENTAGE MOVEMENTS

Here are the Fibonacci Percentage Retracements from the previous HIGH at 376020

23% | 287279
38% | 232380
61% | 143640
78% | 80468

Fibonacci Percentage Golden Ratio Movements:

3% | 2023/01/01
5% | 2025/01/01
8% | 2028/01/01
13% | 2033/01/01

S&P 500 CASH INDEX

21% | 2041/01/01

34% | 2054/01/01

55% | 2075/01/01

89% | 2109/01/01

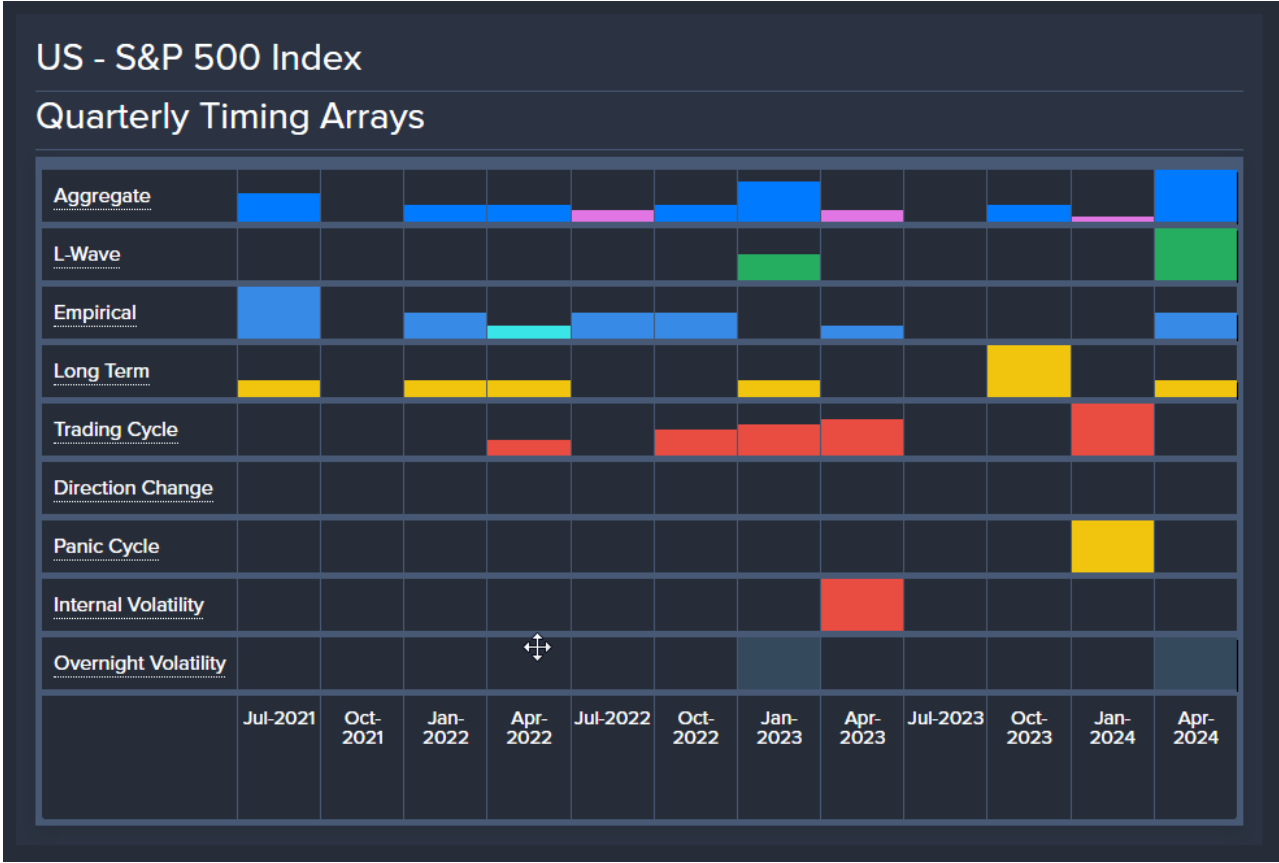
ECONOMIC CONFIDENCE MODEL CORRELATION

Here in S&P 500 Cash Index, we do find that this particular market has correlated with our Economic Confidence Model in the past. The Last turning point on the ECM cycle low to line up with this market was 2020 and 2009 and 2002. The Last turning point on the ECM cycle high to line up with this market was 2020 and 2007 and 2000.

YEARLY CURRENCY CORRELATION

The S&P 500 Cash Index did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



QUARTERLY ANALYSIS PERSPECTIVE

HEDGING MODEL

By means of our Quarterly Hedging Model using only the Reversal System, we are currently long since during the First Quarter 2016 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Quarterly closing basis above the next Bearish Reversal on this level 310100. If you want to reduce the exit strategy then use the next Monthly Reversal if we reach the timing objectives.

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a crash mode suggesting we may see a decline from here.

S&P 500 CASH INDEX

The strongest target in the Quarterly array is the Second Quarter 2024 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting the Second Quarter 2022 until the Third Quarter 2022 with each target producing the opposite direction for that 2-quarter period.

QUARTERLY CURRENCY CORRELATION

The S&P 500 Cash Index did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 07/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

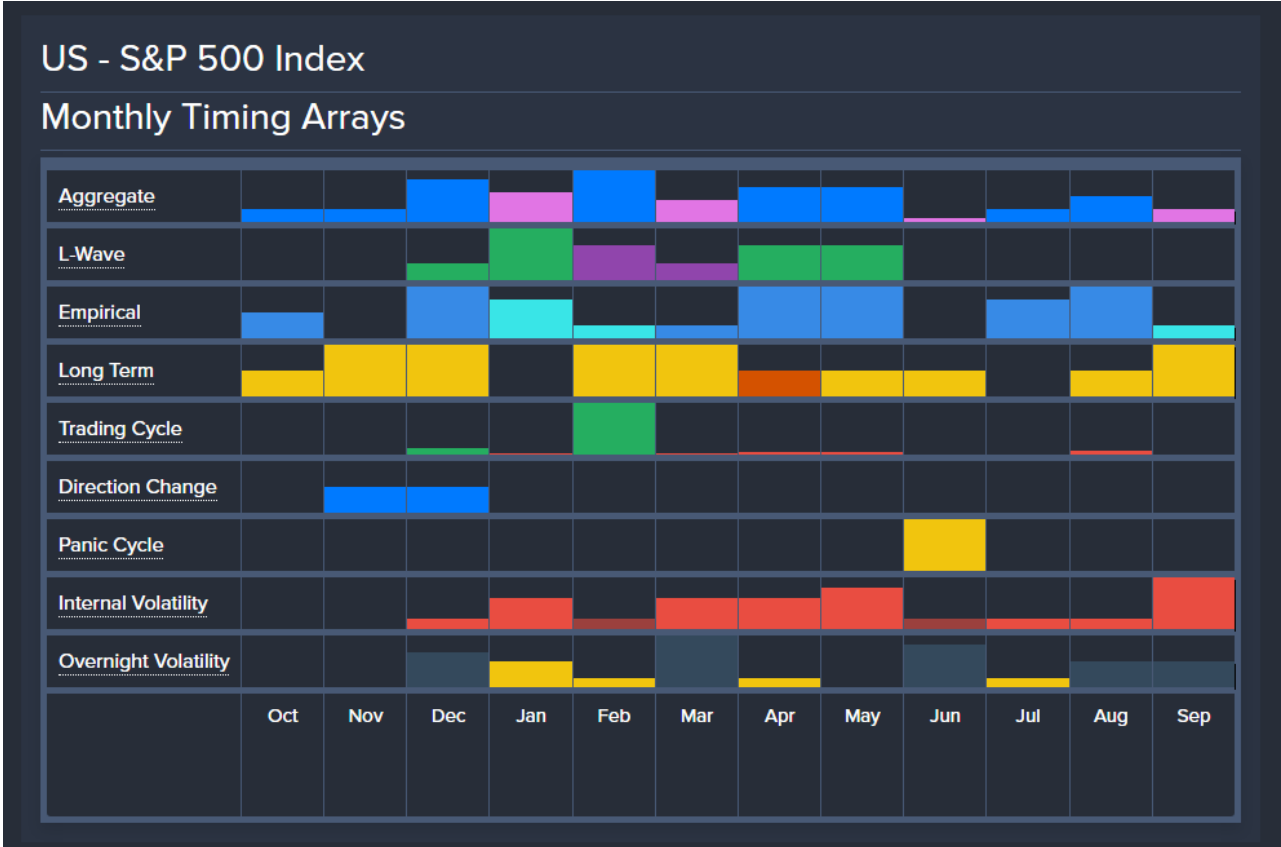
In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 07/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



MONTHLY LEVEL

MONTHLY BROADER TREND VIEW

On a broader perspective, this market remains in an uptrend posture on all our indicators looking at the monthly level. We see here the trend has been moving up for the past 18 months. The previous low of 219186 made during March 2020 on the Monthly level. The previous high made during September on the Monthly level at 454585 remains significant technically and only exceeding that level on a closing basis would suggest a reversal in the immediate trend.



MONTHLY TURNING POINTS

Looking at timing, I see the key targets on the Turning Point Model, defined as highs or lows on an intraday or closing basis, for December, February 2022 and April 2022. Considering all factors, there is a possibility of a decline moving into December with the opposite trend thereafter into February 2022. Looking ahead at December, a continued advance becomes possible if this month's high is penetrated intraday.

MONTHLY DIRECTIONAL CHANGES

Focusing on an important timing model, the Directional Change Model targets are during 2024 and during 2025. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

MONTHLY VOLATILITY

Searching the volatility models suggest we should see a rise in price movement during January 2023. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

MONTHLY PANIC CYCLES

Focusing on the potential for sharp movement, our Panic Cycle target, for the next period to watch is during 2028. This is beyond the peak in the next Economic Confidence Model due in 2024. Keep in mind that a Panic Cycle differs from just volatility. This can be either an outside reversal or a sharp move in only one direction. Panic Cycles can be either up or down. Watch the Stochastics and the reversals to determine the best indication of the potential direction.

MONTHLY BEARISH REVERSALS

The key Monthly Bearish Reversal below the market remains at 399260. If this is breached on a monthly closing basis, then a further decline becomes entirely possible. If we penetrate that Reversal on a closing basis, then the next key support level to watch will be the next Monthly Bearish Reversal lies at 363330.

MONTHLY ANALYSIS PERSPECTIVE

At the moment, we have broken below last month's low and that means we have generated a new What-If Monthly Bullish Reversal which lies below the present trading level at the general area of 430051 and a month end closing above this level will be a buy signal for now.

HEDGING MODEL

By means of our Monthly Hedging Model using only the Reversal System, we are currently long since April 2020 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Monthly closing basis above the next Bearish Reversal on this level

S&P 500 CASH INDEX

399260. If you want to reduce the exit strategy then use the next Weekly Reversal if we reach the timing objectives.

The Stochastics are on the short term are in a negative position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a breakout mode suggesting we may see a rally unfold.

On the Monthly Level, focusing in now on timing factors, there was a rational potential of an Outside Reversal to the downside was September with the opposite trend implied thereafter into October. further decline moving into the next target of September with the opposite trend implied thereafter into October (NOTE: this can be intraday or on a closing basis).

The strongest target in the Monthly array is February 2022 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting September until October with each target producing the opposite direction for that 2-month period. However, given that February 2022 is a very strong target, this can produce an important event. Thereafter, we see the next target coming into play as December until April 2022, but we do have a key target arriving also on February 2022 with again each target producing the opposite direction for that 5-month period. We have a Monthly Directional Change target due in November. Our volatility models also target this date as well. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

Monthly Level

<u>Indicator Description...</u>	<u>Trend</u>
Immediate Trend	(Bearish)
Short-Term Momentum	BULLISH
Short-Term Trend	BULLISH
Intermediate Momentum	BULLISH
Intermediate Trend	BULLISH
Long-Term Trend	BULLISH
Cyclical Strength.....	BULLISH
Broader Trend	BULLISH
Long-Term Cyclical Trend ..	BULLISH

MONTHLY CURRENCY CORRELATION

The S&P 500 Cash Index did make a high in conjunction with the British pound on 07/01 yet in nominal terms the last high was created on 09/01 whereas the high in Australian dollar took place on 07/01, a high in the Canadian dollar was established on 07/01, a high in the Japanese yen was established on 07/01, a high in the Swiss franc was established on 07/01, a high in the Euro was established on 07/01, and a high in the Chinese yuan was 07/01.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 09/01 after the high in terms of a basket of currencies which came on 07/01 implying that this immediate rally is purely in domestic terms.

MARKET RISK FACTOR

S&P 500 Cash Index Risk Table

----- UPSIDE RISK ----- DOWNSIDE RISK ---

MONTHLY.....	463073	6.281%	399260	8.364%
QUARTERLY.....	479118	9.964%	310100	28.82%
YEARLY.....	427247	-1.94%	181000	58.45%

NASDAQ COMPOSITE INDEX CASH



This market made a bull run from the low of 32300 made in 1990 for 30 years into a high established in 2020 at 1297333. At this point in time, we have made a high last year at 1297333. However, the major high since that low took place in 2020 at 663142. Presently, this market has rallied exceeding last year's high of 1297333 reaching 1550412 while holding last year's low of 663142. So far this year, the market has exceeded the 2020 high of 1297333 and it remains above that level on a closing basis. We have not yet elected any Monthly Bearish Reversals. While the next major target in time will be 2026, our Long-Term Empirical Model points to 2022/2023 followed by a pair of Directional Change targets back to back in 2024 and 2025. The failure to exceed this year's high would imply that the next target could unfold as a low in 2023. We still see December and February as key targets near-term.

At this moment in time, we are still trading above last year's high. Maintaining a closing above our Momentum Projection standing at 1496314 will signal that the market is still with broader trend support right now. However, since this year has

NASDAQ COMPOSITE INDEX CASH

exceeded last year's high, then a closing at year-end below this momentum number could warn of a temporary high and the next turning point could be a low in 2026. This turning point 2020 also matched the turning point on the Economic Confidence Model implying it was significant (NOTE: this can be intraday or on a closing basis).

The strongest target in the Yearly array is 2026 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting 2026 until 2028 with each target producing the opposite direction for that 3-year period.

The NASDAQ Composite Index Cash has continued to make new historical highs over the course of the rally from 2002 moving into 2021, which has been a run of 19 years warning that timing wise a pause remains possible.

This market remains in a positive position on the weekly to yearly levels of our indicating models. From a Historical Perspective, ever since the low of 1990, there have been 2 major lows with each being higher than the previous which is indicative of a protracted long-term bull market. The last major low was established back in 2002 with the high forming during 2020. This decline has thus been 18 year. We have exceeded the last year's high of 1297333 and are currently trading above it closing currently at 1549839. On the other hand, we have not elected any Yearly Bearish Reversal to date from the turning point of 2020.

The last major low took place during 1990 which was 31 years ago. However, the last near-term low took place just 12 years ago in 2009.

YEARLY ANALYSIS PERSPECTIVE

Strategically, in NASDAQ Composite Index Cash, the last important low was established in 1990 from which we have rallied into the major high established during 2020 which was a bullish run for 30 years. Longer-term, the major cyclical low was formed back in 2002 which was a broad bull market run for eighteen years.

Recently on the yearly level, the market has rallied exceeding last year's high reaching 1550412 intraday and we are still trading above 1297333 right now with

NASDAQ COMPOSITE INDEX CASH

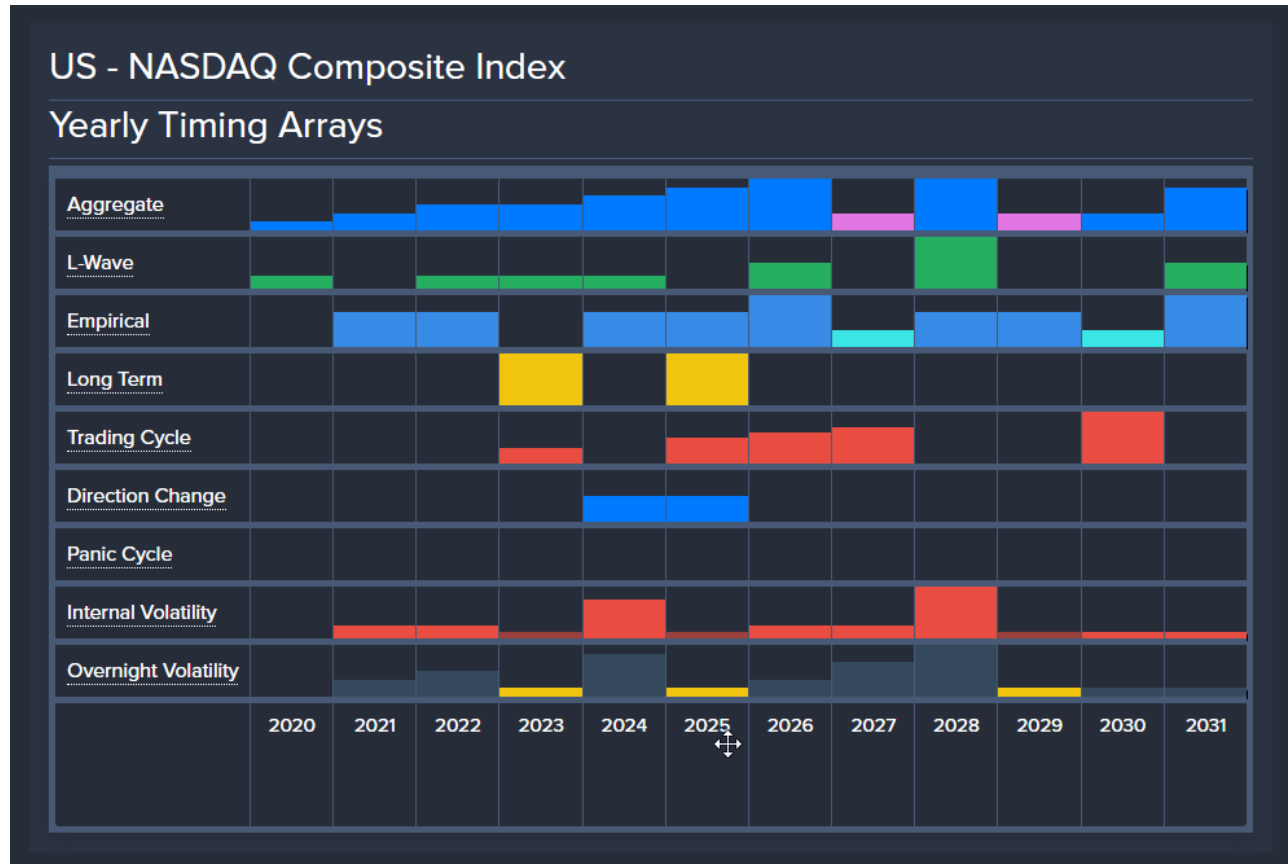
a positive undertone. At this moment, the market is trading still holding above support in a bullish posture.

Right now, as stated, the market is trading above last year's high of 1297333. Overall, the market has been in a long-term bullish trend. We have not elected any Yearly Bearish Reversals from that major high. Right now, the market is trading bullish above our yearly momentum indicators warning that support begins down at 700389.

Examining the yearly time level, we can now see that there is a 9.00% risk on the upside, where we show a clear downside risk factor at 65%. From a risk perspective, resistance on a closing basis stands at 1689466 whereas the risk on the downside begins at 539780.

YEARLY TECHNICAL ANALYSIS

2021/01/01...	495204	631278	734143	899116	946457
2022/01/01...	510137	673339	782164	963496	967086
2023/01/01...	525069	715400	830185	1027876	987715
2024/01/01...	540002	757460	878207	1092257	1008344
2025/01/01...	554934	799521	926228	1156637	1028973
2026/01/01...	569866	841581	974249	1221017	1049601
2027/01/01...	584799	883642	1022271	1285398	1070230



YEARLY TIMING ANALYSIS

Searching the longer-term yearly level, we see turning points where highs or lows on an intraday or closing basis should form will be, 2026, 2028 and 2031. Considering all factors, there is a possibility of a rally moving into 2026 with the opposite trend thereafter into 2028.

YEARLY DIRECTIONAL CHANGES

Focusing an important timing model, the Directional Change Model targets are during 2024 and during 2025. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

YEARLY VOLATILITY

Dissecting the volatility models suggest we should see a rise in price movement during January 2028. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

THE BROADER LONGER-TERM VIEW

Obviously, the broader-term projection view recognizes that the current directional movement since the low made back in February 2016 has been a long-term Bullish trend in NASDAQ Composite Index Cash. This trend remains in motion as long as we hold above 940200 on a monthly closing basis. It is incredibly important to identify the broader trend for that is the underlying tone. It is wise to take position counter-trend only with this understanding of what you are doing.

INDICATING RANGE STUDY

The perspective using the indicating ranges on the Yearly level in the NASDAQ Composite Index Cash, this market remains in a bullish position at this time with the underlying support beginning at 551237.

Yearly Indicating Ranges

Immediate Trend bullish
Short-Term Momentum bullish
Short-Term Trend bullish
Intermediate Momentum bullish
Intermedia Trend bullish
Long-Term Trend bullish
Cyclical Strength neutral

TRADING ENVELOPE STUDY

NORMAL YEARLY TRADING ENVELOPE

Last Close Was. 1288828
Envelope Top... 632280
Internal AvgL.. 577729
Internal AvgH.. 753168
Envelope Btm... 395818

STOCHASTICS

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

ENERGY MODELS

Looking at our Energy Models on the Yearly level, the historical high took place back in 2018 whereas the actual market high in price unfolded back in 2020. When Energy peaks BEFORE the price high, this is indicative of a major important high is forming and that we may see a serious change in trend to the downside thereafter.

REVERSAL COMMENTARY

Looking at our Yearly Hypothetical Models, clearly, we see that we have Yearly Bearish Reversals that would be generated if we see another new high penetrating 1550412. These Tentative Hypothetical Bearish Reversals would rest at 201279, 219268, 394604, and 619018, whereas a close below the previous low 663142 would tend to suggest that these Tentative Hypothetical Reversals will then become fixed as long as the high holds thereafter for at least several days. Moreover, the election of any of these Tentative Hypothetical Bearish Reversals during this next session would signal a decline is unfolding and that such a high may stand. However, if we continue to make new highs, then these Tentative Hypothetical Reversals will be replaced by a new set until the high becomes fixed.

YEARLY FIBONACCI PROJECTIONS IN TIME

These are the Fibonacci Time targets for potential turning points ahead calculated from the 01/01/2020 HIGH:

Sun. 01/01/2023

Wed. 01/01/2025

Sat. 01/01/2028

Sat. 01/01/2033

Tue. 01/01/2041

Thu. 01/01/2054

Tue. 01/01/2075

Wed. 01/01/2109

Mon. 01/01/2164

Note: Once more, these are purely Fibonacci projections in Time. They should not be used independently, but they are more important as a correlation tool when the line up with the targets from our Timing Arrays.

YEARLY FIBONACCI RETRACEMENTS & PERCENTAGE MOVEMENTS

Here are the Fibonacci Percentage Retracements from the previous HIGH at 1297333

- 23% | 991162
- 38% | 801752
- 61% | 495581
- 78% | 277629

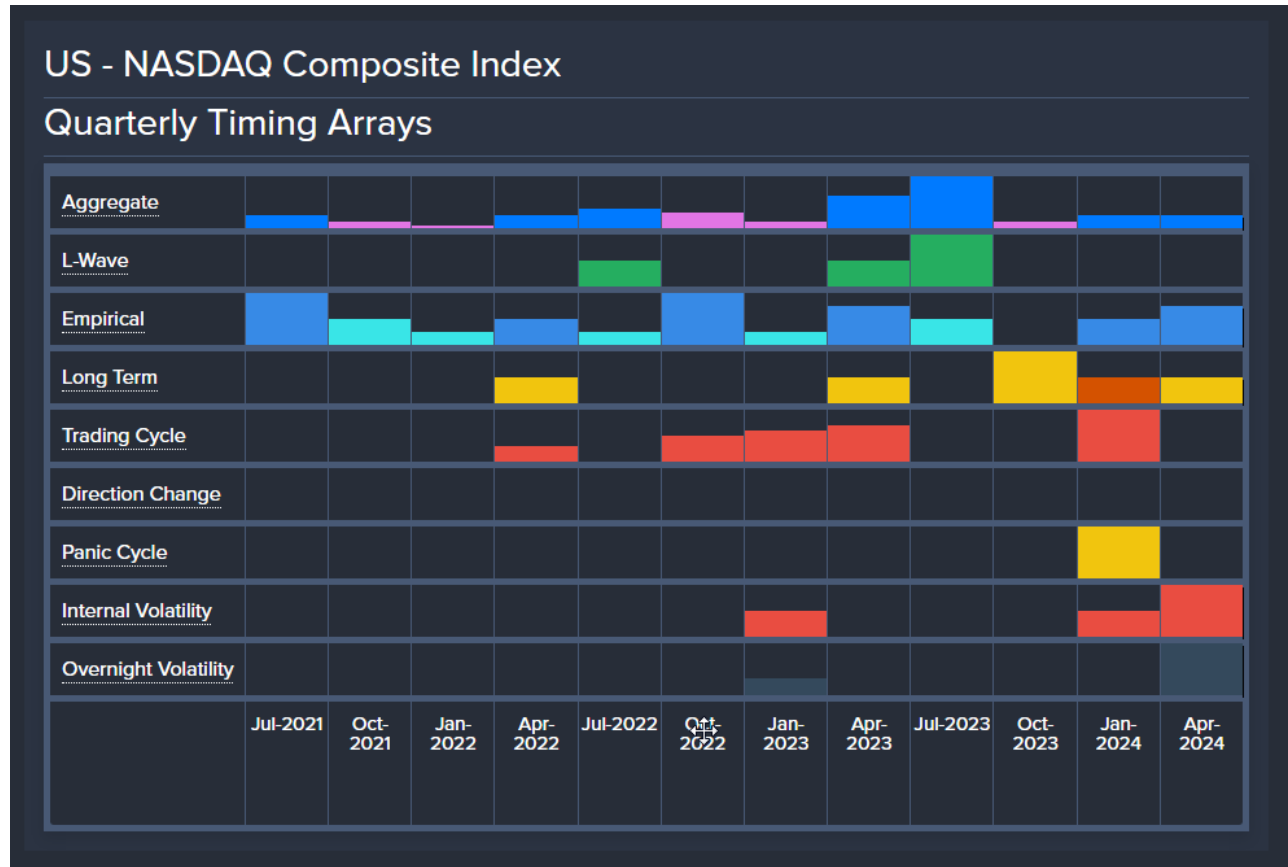
Fibonacci Percentage Golden Ratio Movements:

- 3% | 2023/01/01
- 5% | 2025/01/01
- 8% | 2028/01/01
- 13% | 2033/01/01
- 21% | 2041/01/01
- 34% | 2054/01/01
- 55% | 2075/01/01
- 89% | 2109/01/01

ECONOMIC CONFIDENCE MODEL CORRELATION

Here in NASDAQ Composite Index Cash, we do find that this particular market has correlated with our Economic Confidence Model in the past. The Last turning point on the ECM cycle low to line up with this market was 2009 and 2002. The Last turning point on the ECM cycle high to line up with this market was 2020 and 2007 and 2000.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 0 implying that this immediate rally is purely in domestic terms.



QUARTERLY ANALYSIS PERSPECTIVE

HEDGING MODEL

By means of our Quarterly Hedging Model using only the Reversal System, we are currently long since during the Fourth Quarter 2011 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Quarterly closing basis above the next Bearish Reversal on this level 1004803. If you want to reduce the exit strategy then use the next Monthly Reversal if we reach the timing objectives.

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a crash mode suggesting we may see a decline from here.

NASDAQ COMPOSITE INDEX CASH

Interestingly, the market has exceeded that high during this Quarter warning that it still must sustain this move to create a cycle inversion. A closing below our Momentum Projection standing at 1614539 will signal that we have a pullback possibly into the next turning point due in the First Quarter 2022 leaving The Third Quarter 2021 as a temporary high. Yet, this market is still holding our Momentum support level resting at 1529735, indicating the broader trend has not been negated at this moment. (NOTE: this can be intraday or on a closing basis).

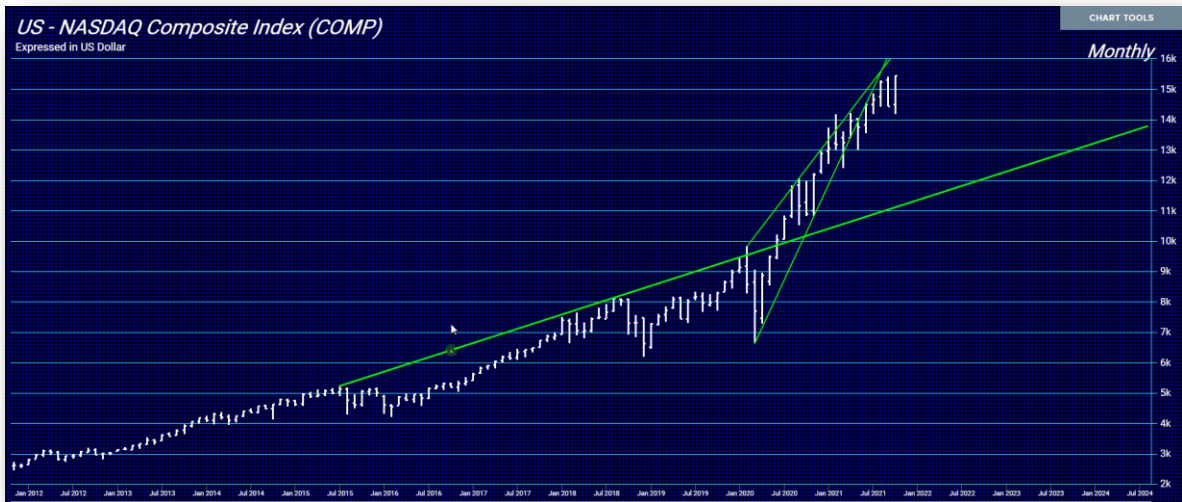
The strongest target in the Quarterly array is the Third Quarter 2023 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting the Third Quarter 2023 until the Fourth Quarter 2023 with each target producing the opposite direction for that 2-quarter period.

QUARTERLY CURRENCY CORRELATION

The NASDAQ Composite Index Cash did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 07/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 07/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.

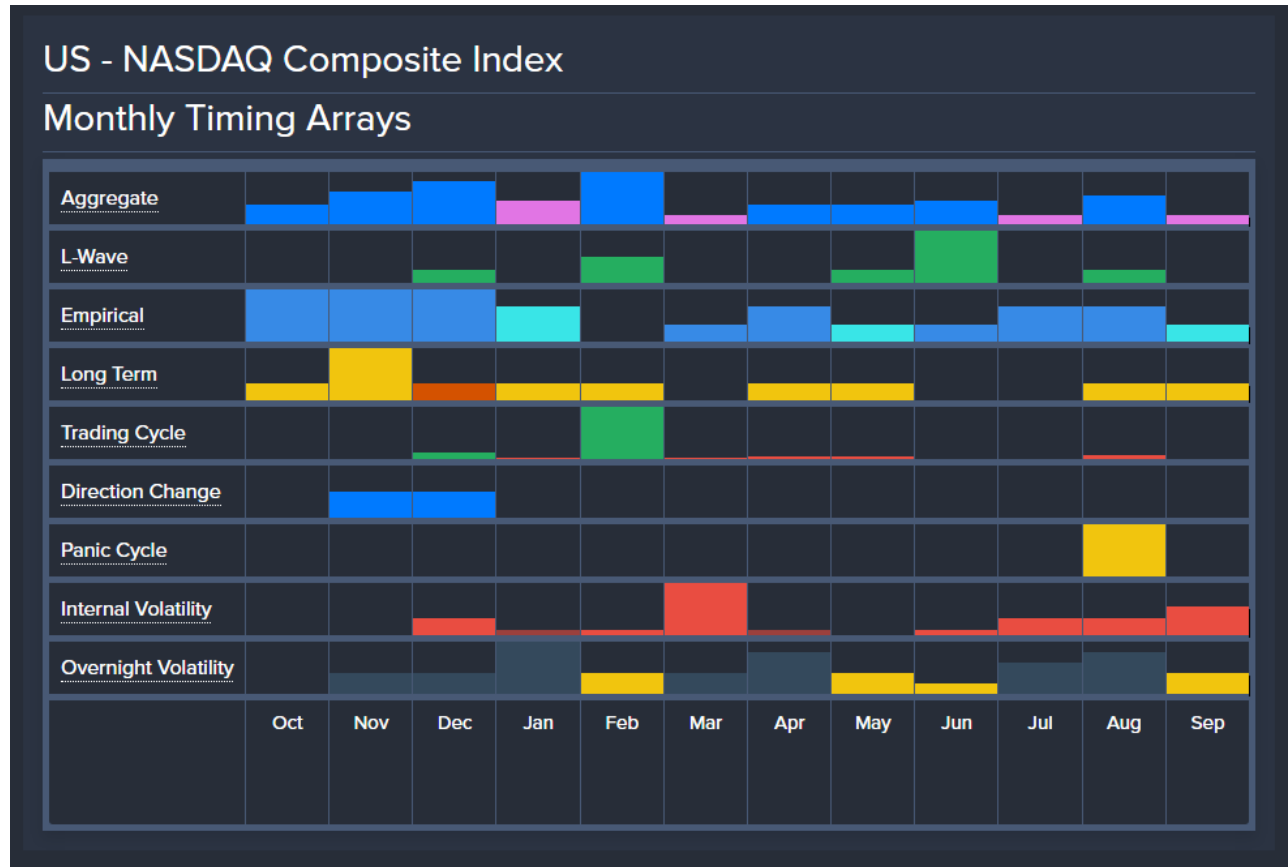
NASDAQ COMPOSITE INDEX CASH



MONTHLY LEVEL

MONTHLY BROADER TREND VIEW

On a broader perspective, this market remains in an uptrend posture on all our indicators looking at the monthly level. We see here the trend has been moving up for the past 19 months. The previous low of 663142 made during March 2020 on the Monthly level has held and only a break of 1444430 on a closing basis would warn of a technical near-term change in trend. The previous high made during October on the Monthly level at 1545230 has now been exceeded in the recent rally. We have generated a buy signal so some caution is required.



MONTHLY TURNING POINTS

My primary targets on the Turning Point Model, defined as highs or lows on an intraday or closing basis, for December, February 2022 and June 2022, August 2022. There is a likelihood of a rally moving into December with the opposite trend thereafter into February 2022. Looking ahead at December, a continued advance becomes possible if this month's high is penetrated intraday.

MONTHLY DIRECTIONAL CHANGES

Focusing an important timing model, the Directional Change Model targets are during 2024 and during 2025. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

MONTHLY VOLATILITY

Dissecting the volatility models suggest we should see a rise in price movement during January 2028. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

MONTHLY BEARISH REVERSALS

The key Monthly Bearish Reversal below the market remains at 1417850. If this is breached on a monthly closing basis, then a further decline becomes entirely possible. If we penetrate that Reversal on a closing basis, then the next key support level to watch will be the next Monthly Bearish Reversal lies at 1300240.

MONTHLY ANALYSIS PERSPECTIVE

Currently, we have exceeded last month's high so we have therefore generated a new What If Monthly Bearish Reversal which lies below the present trading level at the general area of 1417866 and a month end closing beneath this level will be a sell signal for now.

HEDGING MODEL

Using our Monthly Hedging Model based on the Reversal System exclusively, we are currently long since June 2019 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Monthly closing basis above the next Bearish Reversal on this level 1417850. If you want to reduce the exit strategy then use the next Weekly Reversal if we reach the timing objectives.

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a breakout mode suggesting we may see a rally unfold.

On the Monthly Level, regarding the timing, there was a reasonable potential of an Outside Reversal to the upside was October yet since this market has exceeded the October high, then a further rally is possible into the next target of December which is a Directional Change. rally moving into the next target of October yet since this market has exceeded the October high, then a further rally is possible into the next target of December which is a Directional Change (NOTE: this can be intraday or on a closing basis).

The strongest target in the Monthly array is February 2022 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting December until March 2022, but we do have a key target arriving also on February 2022 with each target producing the opposite direction for that 4-month period. However, given that February 2022 is a very strong target, this can

NASDAQ COMPOSITE INDEX CASH

produce an important event. Thereafter, we see the next target coming into play as June 2022 until August 2022 with again each target producing the opposite direction for that 3-month period. There are 2 Monthly Directional Change targets starting from November to December warning of a potential choppy swing period for these few Months. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

Monthly Level

Indicator Description... Trend

Immediate Trend	BULLISH
Short-Term Momentum	BULLISH
Short-Term Trend	BULLISH
Intermediate Momentum	BULLISH
Intermediate Trend	BULLISH
Long-Term Trend	BULLISH
Cyclical Strength.....	BULLISH
Broader Trend	BULLISH
Long-Term Cyclical Trend ..	BULLISH

MONTHLY CURRENCY CORRELATION

The NASDAQ Composite Index Cash did make a high in conjunction with the British pound on 08/01 yet in nominal terms the last high was created on 10/01 whereas the high in Australian dollar took place on 08/01, a high in the Canadian dollar was established on 08/01, a high in the Japanese yen was established on 08/01, a high in the Swiss franc was established on 08/01, a high in the Euro was established on 08/01, and a high in the Chinese yuan was 08/01.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 10/01 after the high in terms of a basket of currencies which came on 08/01 implying that this immediate rally is purely in domestic terms.

MARKET RISK FACTOR

NASDAQ Composite Index Cash Risk Table

NASDAQ COMPOSITE INDEX CASH

----- UPSIDE RISK ----- DOWNSIDE RISK ----

MONTHLY.....	1825681		17.79%		1417850		8.516%	
QUARTERLY.....	1616879		4.325%		1004803		35.16%	
YEARLY.....	1689466		9.009%		539780		65.17%	

TORONTO COMPOSITE INDEX CASH



On the Yearly Level, with respect to time, there is a prospect of an Outside Reversal to the upside in 2021, that is reinforced by also a Directional Change Target with the opposite trend implied thereafter into 2022. However, a break of this current year's trading range of 1805860 – 172978 would warn of a possible cycle inversion given we have a target this year. temporary high since the market is trading below the previous Year's closing after making a new 64 year high. A closing below our Momentum Projection standing at 1854993 is suggesting that the upward momentum is encountering resistance and a pullback is possible into the next turning point due in 2022 leaving 2021 as perhaps the highest closing and this year as a key intraday cyclical high. Yet, this market is in the throes of serious correction and if it closes below 992500, then this will be confirmed. (NOTE: this can be intraday or on a closing basis).

The strongest target in the Yearly array is 2023 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting 2020 until

TORONTO COMPOSITE INDEX CASH

2027, but we do have a key target arriving also 2023 with each target producing the opposite direction for that 8-year period. However, given that 2023 is a very strong target, this can produce an important event.

Keep in mind that given the significant decline of 28% from the last high established during 2020, that if we continue to move in the same direction after one target, then the move will not subside until the next target in time is reached. We have NOT elected any Bearish Reversals thus far to date. The first Yearly Bearish Reversal comes into play at 1153120. There are 2 Yearly Directional Change targets starting from 2020 to 2021 warning of a potential choppy swing period for these few Years. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

The Toronto Composite Index Cash has continued to make new historical highs over the course of the rally from 1957 moving into 2021. Prominently, we have elected one Bullish Reversal to date. Currently, the market has dropped back and is trading beneath the previous year's close warning of a potential correction in play. This is especially true since we are facing an outside reversal to the downside by penetrating the previous year's low as well.

This market remains in a positive position on the weekly to yearly levels of our indicating models. From a Historical Perspective, ever since the low of 1953, there have been 2 major lows with each being higher than the previous which is indicative of a protracted long-term bull market. The last major low was established back in 1957 with the high forming during 2020. This decline has thus been 63 year. We have exceeded the last year's high of 1797050 and are currently trading below it closing currently at 201509 imply an outside reversal to the downside on a yearly level. On the other hand, we have not elected any Yearly Bearish Reversal to date from the turning point of 2020.

The last major low took place during 2020 which was last year.

YEARLY ANALYSIS PERSPECTIVE

TORONTO COMPOSITE INDEX CASH

Strategically, in Toronto Composite Index Cash, since the major low formed back in 1957, there was a rally into the major high established during 2020 which was a broad bull market run for 63 years.

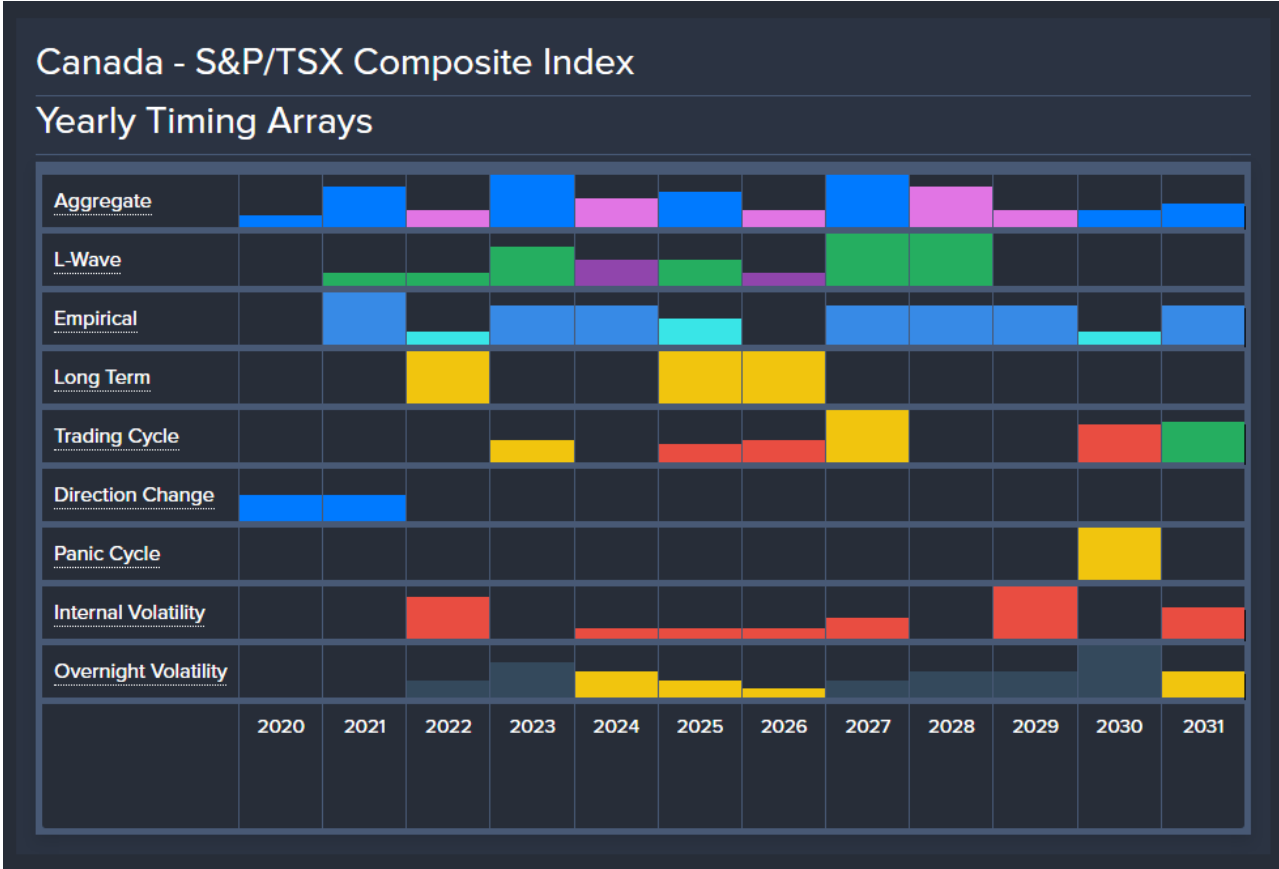
Recently on the yearly level, the market has rallied exceeding last year's high reaching 1805860 intraday. From a trading perspective, this market has made an outside reversal to the downside warning this a negative technical pattern. This market came to test the Yearly Bearish Reversal at 1153120 bottoming at 1117270 but failed to close below it.

Right now, the market is trading below last year's low of 1117270. Overall, the market has been in a long-term bullish trend. We have not elected any Yearly Bearish Reversals from that major high. At this time, the market is trading in a bearish position below our yearly momentum indicators warning resistance starts at 1491580.

Examining the yearly time level, we can now see that there is a 808% risk on the upside, where we show a clear downside risk factor at -4.72%. From a risk perspective, resistance on a closing basis stands at 1830480 whereas the risk on the downside begins at 1153120.

YEARLY TECHNICAL ANALYSIS

2021/01/01...	979365	1442491	1982526	2125310	2394194
2022/01/01...	1001025	1500365	2120620	2172220	2490318
2023/01/01...	1022684	1558240	2258713	2219130	2586443
2024/01/01...	1044344	1616114	2396806	2266040	2682567
2025/01/01...	1066004	1673988	2534900	2312950	2778692
2026/01/01...	1087664	1731862	2672993	2359860	2874816
2027/01/01...	1109323	1789737	2811086	2406770	2970941



YEARLY TIMING ANALYSIS

Dissecting the longer-term yearly level, we see turning points where highs or lows on an intraday or closing basis should form will be, 2021, 2023, 2025, 2027 and 2031. We show a potential for a decline moving into 2021 with the opposite trend thereafter into 2023. This is a realistic potential since we have already penetrated last year’s low of 1117270.

YEARLY DIRECTIONAL CHANGES

The most important timing model, the Directional Change Model target is during 2021. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

YEARLY VOLATILITY

Studying the volatility models suggest we should see a rise in price movement during January 2029. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

YEARLY PANIC CYCLES

Nevertheless, our Panic Cycle target, for the next period to watch is during 2030. This is beyond the peak in the next Economic Confidence Model due in 2024. Keep in mind that a Panic Cycle differs from just volatility. This can be either an outside reversal or a sharp move in only one direction. Panic Cycles can be either up or down. Watch the Stochastics and the reversals to determine the best indication of the potential direction.

THE BROADER LONGER-TERM VIEW

Noticeably, the long-term study view recognizes that the current directional movement since the low made back in January 2021 has been an extended Bullish trend in Toronto Composite Index Cash. We need to see a monthly closing back above 202951 to confirm the uptrend will recommence.

YEARLY OUTSIDE COMMENT

The Toronto Composite Index Cash opened within last year's trading range which was 1797050 to 1117270. Right now, the market is still trading while we are trading below last year's low with the last print at 201509. The last time such a similar pattern took place was 1998. Nonetheless, the market is trading below the opening print for the year which was at 1758340. As long as this market remains trading below 989419 on a closing basis, then a year-end closing in this posture will warn that we could have a knee-jerk low in place this year.

INDICATING RANGE STUDY

The perspective using the indicating ranges on the Yearly level in the Toronto Composite Index Cash, this market remains in a bullish position at this time with the underlying support beginning at 1543260.

Yearly Indicating Ranges

Immediate Trend bullish
Short-Term Momentum bullish
Short-Term Trend bullish
Intermediate Momentum bullish
Intermedia Trend bullish
Long-Term Trend bullish
Cyclical Strength bullish

TRADING ENVELOPE STUDY

NORMAL YEARLY TRADING ENVELOPE

Last Close Was. 1743340

Envelope Top... 1884924

Internal AvgL.. 1310188

Internal AvgH.. 1638033

Envelope Btm... 886552

STOCHASTICS

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

ENERGY MODELS

Looking at our Energy Models on the Yearly level, the historical high took place back in 2018 whereas the actual market high in price unfolded back in 2020. When Energy peaks BEFORE the price high, this is indicative of a major important high is forming and that we may see a serious change in trend to the downside thereafter.

REVERSAL COMMENTARY

Utilizing our Yearly Hypothetical Models, clearly, we see that we have Yearly Bearish Reversals that would be generated if we see another new high penetrating

TORONTO COMPOSITE INDEX CASH

1805860. These Tentative Hypothetical Bearish Reversals would rest at 615780, 1086080, 1345040, and 1377700, whereas a close below the previous low 1117270 would tend to suggest that these Tentative Hypothetical Reversals will then become fixed as long as the high holds thereafter for at least several days. Moreover, the election of any of these Tentative Hypothetical Bearish Reversals during this next session would signal a decline is unfolding and that such a high may stand. However, if we continue to make new highs, then these Tentative Hypothetical Reversals will be replaced by a new set until the high becomes fixed.

YEARLY FIBONACCI PROJECTIONS IN TIME

These are the Fibonacci Time targets for potential turning points ahead calculated from the 01/01/2020 HIGH:

Sun. 01/01/2023
Wed. 01/01/2025
Sat. 01/01/2028
Sat. 01/01/2033
Tue. 01/01/2041
Thu. 01/01/2054
Tue. 01/01/2075
Wed. 01/01/2109
Mon. 01/01/2164

Note: Once more, these are purely Fibonacci projections in Time. They should not be used independently, but they are more important as a correlation tool when the line up with the targets from our Timing Arrays.

YEARLY FIBONACCI RETRACEMENTS & PERCENTAGE MOVEMENTS

Here are the Fibonacci Percentage Retracements from the previous HIGH at 1797050

23% | 1372946
38% | 1110577
61% | 686473
78% | 384569

Fibonacci Percentage Golden Ratio Movements:

3% | 2023/01/01
5% | 2025/01/01
8% | 2028/01/01
13% | 2033/01/01
21% | 2041/01/01
34% | 2054/01/01
55% | 2075/01/01
89% | 2109/01/01

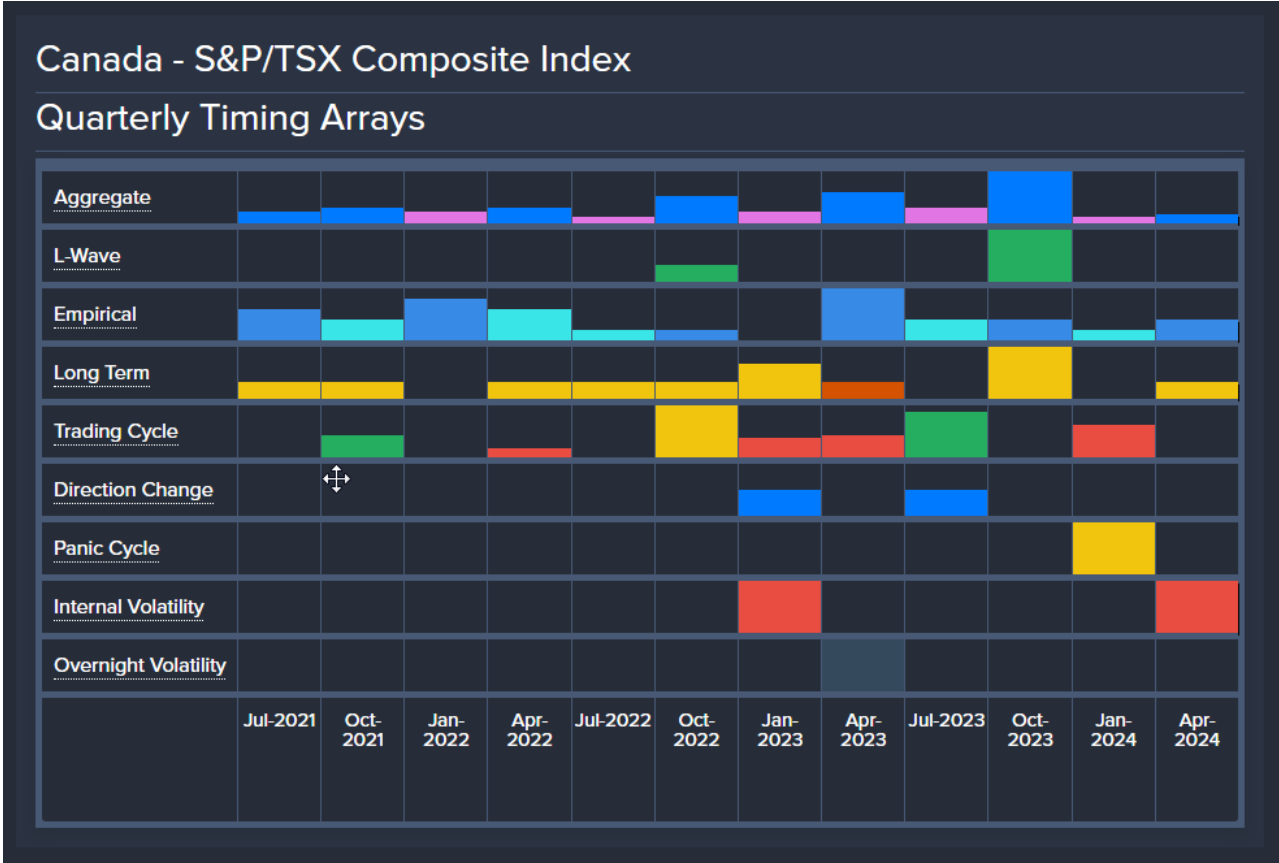
ECONOMIC CONFIDENCE MODEL CORRELATION

Here in Toronto Composite Index Cash, we do find that this particular market has correlated with our Economic Confidence Model in the past. The Last turning point on the ECM cycle low to line up with this market was 2020 and 2009 and 2002. The Last turning point on the ECM cycle high to line up with this market was 2020 and 2000.

YEARLY CURRENCY CORRELATION

The Toronto Composite Index Cash did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



QUARTERLY ANALYSIS PERSPECTIVE

HEDGING MODEL

From the Quarterly Hedging Model employing only the Reversal System, we are currently short since during the First Quarter 2021 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Quarterly closing basis below the next Bullish Reversal on this level 1552480. If you want to reduce the exit strategy then use the next Monthly Reversal if we reach the timing objectives.

The Stochastics are on the short term are in a negative position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

On the Quarterly Level, our first target for a turning point is The Fourth Quarter 2021 with the opposite trend implied thereafter into the Second Quarter 2022. However,

TORONTO COMPOSITE INDEX CASH

a break of this current quarter's trading range of 202019 – 199548 would warn of a possible cycle inversion given we have a target this quarter. (NOTE: this can be intraday or on a closing basis).

The strongest target in the Quarterly array is the Fourth Quarter 2023 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting the Third Quarter 2021 until the Fourth Quarter 2021 with each target producing the opposite direction for that 2-quarter period. Thereafter, we see the next target coming into play as the Second Quarter 2022 until the Fourth Quarter 2023 with again each target producing the opposite direction for that 7-quarter period.

However, the important target during that period will be the Fourth Quarter 2023. Still, when we look at the next higher time level, we see that a high formed during Yearly.

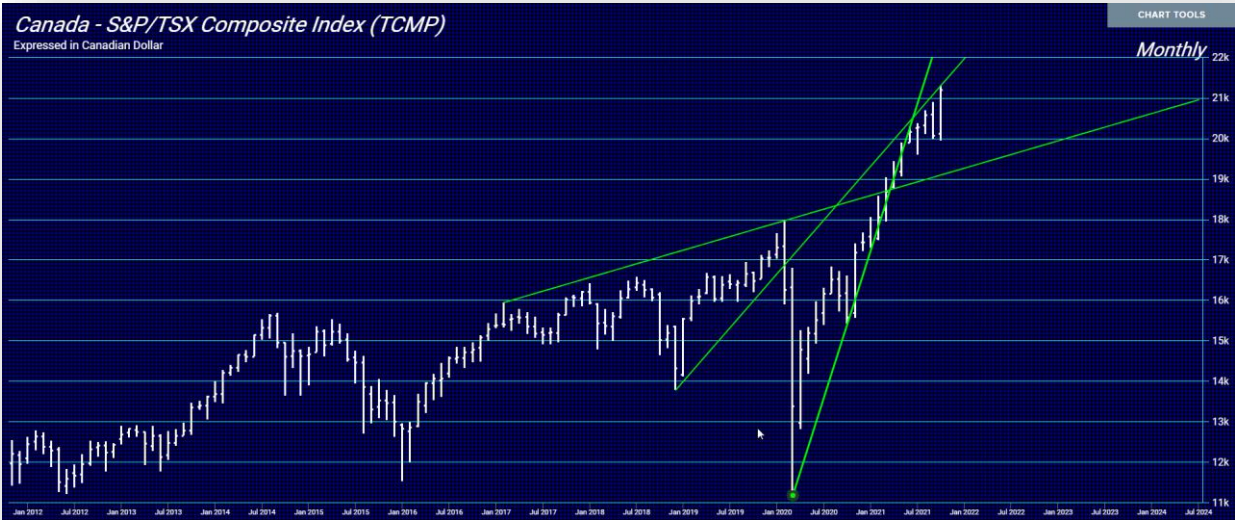
Keep in mind that given the dramatic decline of 89% from the last high established the First Quarter 2021, that if we continue to move in the same direction after one target, then the move will not subside until the next target in time is reached. We have elected 4 Bearish Reversals from the last high thus far to date. We have overall 5 Quarterly Directional Change targets ahead and 2 that also align with a main turning points on the top line of the Array. Therefore, the targets of should be an important target. These targets in time are the First Quarter 2023 the Third Quarter 2023. Directional Change targets that align with the top line for turning points often unfold as the main cyclical events. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

QUARTERLY CURRENCY CORRELATION

The Toronto Composite Index Cash did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

TORONTO COMPOSITE INDEX CASH

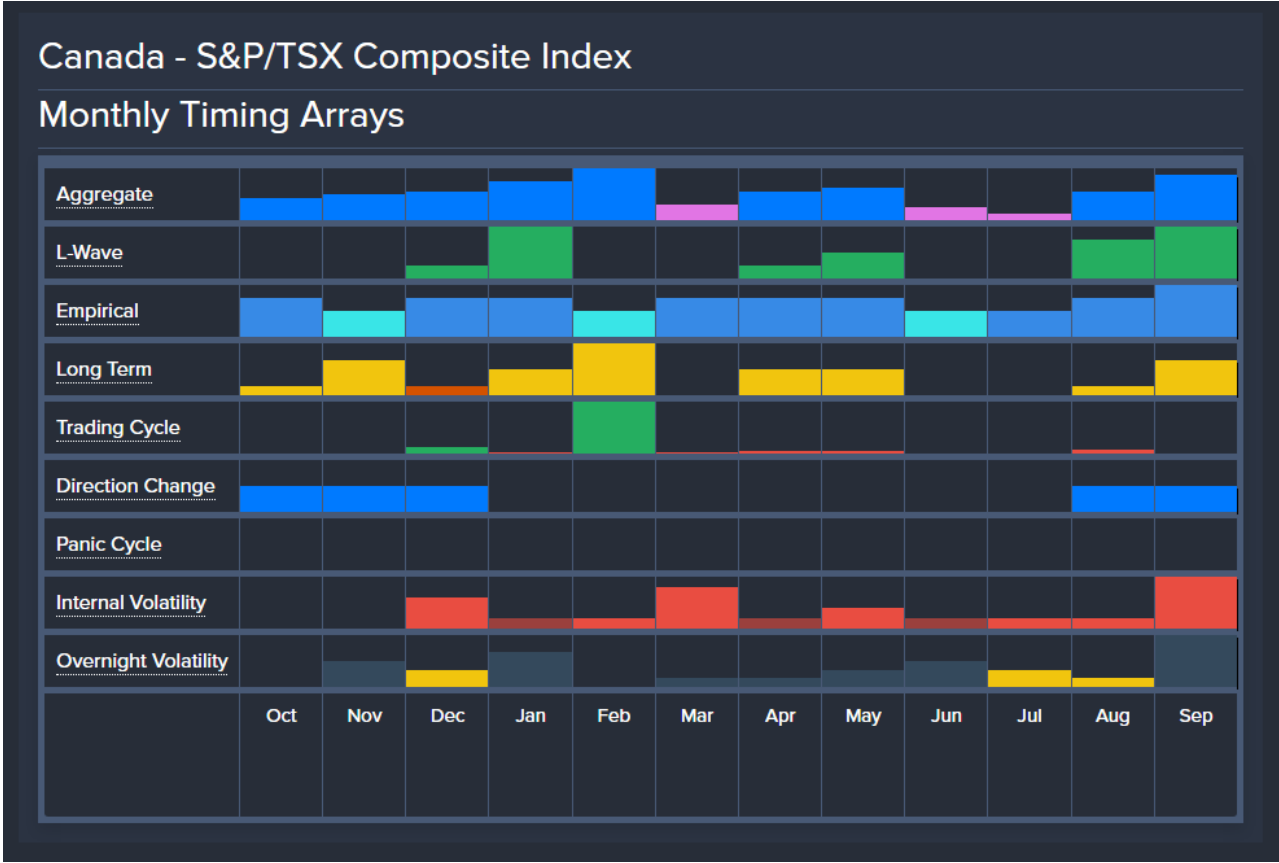
In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



MONTHLY LEVEL

MONTHLY BROADER TREND VIEW

Taking a broader view, this market is in a downward trend on all our indicators looking at the monthly level. Scrutinizing the direction of this trend, we had been moving down for 0 months. Subsequently, the market has consolidated for the past 8 Monthly sessions. The previous high made during January on the Monthly level at 1805860 remains significant technically and only exceeding that level on a closing basis would suggest a reversal in the immediate trend. The previous low of 172978 made during January on the Monthly level. However, we still remain below key support and key resistance now stands at 1572500 above the market.



MONTHLY TURNING POINTS

My primary targets on the Turning Point Model, defined as highs or lows on an intraday or closing basis, for November, January 2022 and May 2022. There is a likelihood of a decline moving into November with the opposite trend thereafter into January 2022. Looking ahead at November, a continued advance becomes possible if this month’s high is penetrated intraday.

MONTHLY DIRECTIONAL CHANGES

The most important timing model, the Directional Change Model target is during 2021. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

MONTHLY VOLATILITY

Studying the volatility models suggest we should see a rise in price movement during January 2029. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

MONTHLY PANIC CYCLES

Nevertheless, our Panic Cycle target, for the next period to watch is during 2030. This is beyond the peak in the next Economic Confidence Model due in 2024. Keep in mind that a Panic Cycle differs from just volatility. This can be either an outside reversal or a sharp move in only one direction. Panic Cycles can be either up or down. Watch the Stochastics and the reversals to determine the best indication of the potential direction.

MONTHLY BULLISH REVERSALS

The key Monthly Bullish Reversal is well above the immediate trading level standing at 1611580. If this market rallies on a monthly closing basis above this level, then a breakout becomes possible. If we exceed that Reversal, then the next key resistance level to watch will be the next Monthly Bullish Reversal at 1534240.

MONTHLY BEARISH REVERSALS

The key Monthly Bearish Reversal below the market remains at 149740. If this is breached on a monthly closing basis, then a further decline becomes entirely possible. If we penetrate that Reversal on a closing basis, then the next key support level to watch will be the next Monthly Bearish Reversal lies at 127005.

MONTHLY ANALYSIS PERSPECTIVE

Currently, we have broken below last month's low and that means we have generated a new What-If Monthly Bullish Reversal which lies above the present trading level at the general area of 202951 warning that this decline has still not punched through important overhead resistance. A monthly closing beneath this level will keep this market in a bearish tone.

HEDGING MODEL

Using our Monthly Hedging Model based on the Reversal System exclusively, we are currently short since January on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Monthly closing basis below the next Bullish Reversal on this level 1534240. If you want to reduce the exit strategy then use the next Weekly Reversal if we reach the timing objectives.

TORONTO COMPOSITE INDEX CASH

The Stochastics are on the short term are in a negative position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

On the Monthly Level, with respect to time, there was a prospect of an Outside Reversal to the downside was September with the opposite trend implied thereafter into October. further decline moving into the next target of September with the opposite trend implied thereafter into October (NOTE: this can be intraday or on a closing basis).

The strongest target in the Monthly array is September for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting September until January 2022, but while we have a target arriving also on November, the key target remains September with each target producing the opposite direction for that 5-month period. Thereafter, we see the next target coming into play as May 2022 until June 2022 with again each target producing the opposite direction for that 2-month period.

Keep in mind that given the dramatic decline of 88% from the last high established January, that if we continue to move in the same direction after one target, then the move will not subside until the next target in time is reached. We have elected 4 Bearish Reversals from the last high thus far to date. We have overall 2 Monthly Directional Change targets ahead which align with a main turning points on the top line of the Array. Therefore, the targets of November and January 2022 should be an important target. Directional Change targets that align with the top line for turning points often unfold as the main cyclical events. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

Monthly Level

Indicator Description... Trend

Immediate Trend	(Bearish)
Short-Term Momentum	- Neutral -
Short-Term Trend	BULLISH
Intermediate Momentum	BULLISH

TORONTO COMPOSITE INDEX CASH

- Intermediate Trend (Bearish)
- Long-Term Trend (Bearish)
- Cyclical Strength..... (Bearish)
- Broader Trend (Bearish)
- Long-Term Cyclical Trend .. (Bearish)

MONTHLY CURRENCY CORRELATION

The Toronto Composite Index Cash did make a high in conjunction with the British pound on 07/01 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 07/01, a high in the Canadian dollar was established on 07/01, a high in the Japanese yen was established on 07/01, a high in the Swiss franc was established on 07/01, a high in the Euro was established on 07/01, and a high in the Chinese yuan was 07/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 07/01 implying that this immediate rally is purely in domestic terms.

MARKET RISK FACTOR

Toronto Composite Index Cash Risk Table

----- UPSIDE RISK ----- DOWNSIDE RISK ----

MONTHLY.....	1534240	661.3%	149740	25.69%
QUARTERLY.....	1552480	670.4%	182890	9.239%
YEARLY.....	1830480	808.3%	1153120	-472%

BRAZIL STOCK INDEX



This market made a bull run from the low of 2110 made in 1995 for 25 years into a high established in 2020 at 120150. Last year was an outside reversal to the upside after reaching a low at 61691. It was also a record high for this series. Presently, this market has rallied exceeding last year's high of 120150 reaching 131190 while holding last year's low of 61691. On the Yearly Level, regarding the timing, there is a reasonable potential of an Outside Reversal to the upside in 2021 with the opposite trend implied thereafter into 2023. high since the market is trading below the previous Year's closing after making a new 23 year important cyclical high. Exceeding this high would imply a further rally for another three years. A closing below our Momentum Projection standing at 134192 is suggesting that the upward momentum is encountering resistance and a pullback is possible into the next turning point due in 2023 especially if we close below 91242 leaving 2021 as perhaps the highest closing and this year as a key intraday cyclical high. Yet, this market is still holding our Momentum support level resting at 62464, indicating the broader trend has not been negated at this moment. (NOTE: this can be intraday or on a closing basis).

The strongest target in the Yearly array is 2021 which is this immediate year whereby we have so far exceeded last year's high but are trading below last

BRAZIL STOCK INDEX

year's closing. It does appear we have a choppy period starting 2020 until 2021 with each target producing the opposite direction for that 2-year period.

The Brazil Stock Index has continued to make new historical highs over the course of the rally from 1998 moving into 2021. Clearly, we have elected one Bullish Reversal to date. Currently, the market has dropped back and is trading beneath the previous year's close warning of a potential correction in play.

This market remains in a positive position on the weekly to yearly levels of our indicating models. From a Historical Perspective, ever since the low of 1995, there have been 2 major lows with each being higher than the previous which is indicative of a protracted long-term bull market. The last major low was established back in 1998 with the high forming during 2020. This decline has thus been 22 year. We have exceeded the last year's high of 120150 but are still holding for now. Nevertheless, we have not elected any Yearly Bearish Reversal to date from the turning point of 2020.

The last major low took place during 1998 which was 23 years ago. However, the last near-term low took place just 1 years ago in 2020.

YEARLY ANALYSIS PERSPECTIVE

Strategically, in Brazil Stock Index, the last important low was established in 1998 from which we have rallied into the major high established during 2020 which was a bullish run for twenty-two years. Longer-term, the major cyclical low was formed back in 1998 which was a broad bull market run for twenty-two years.

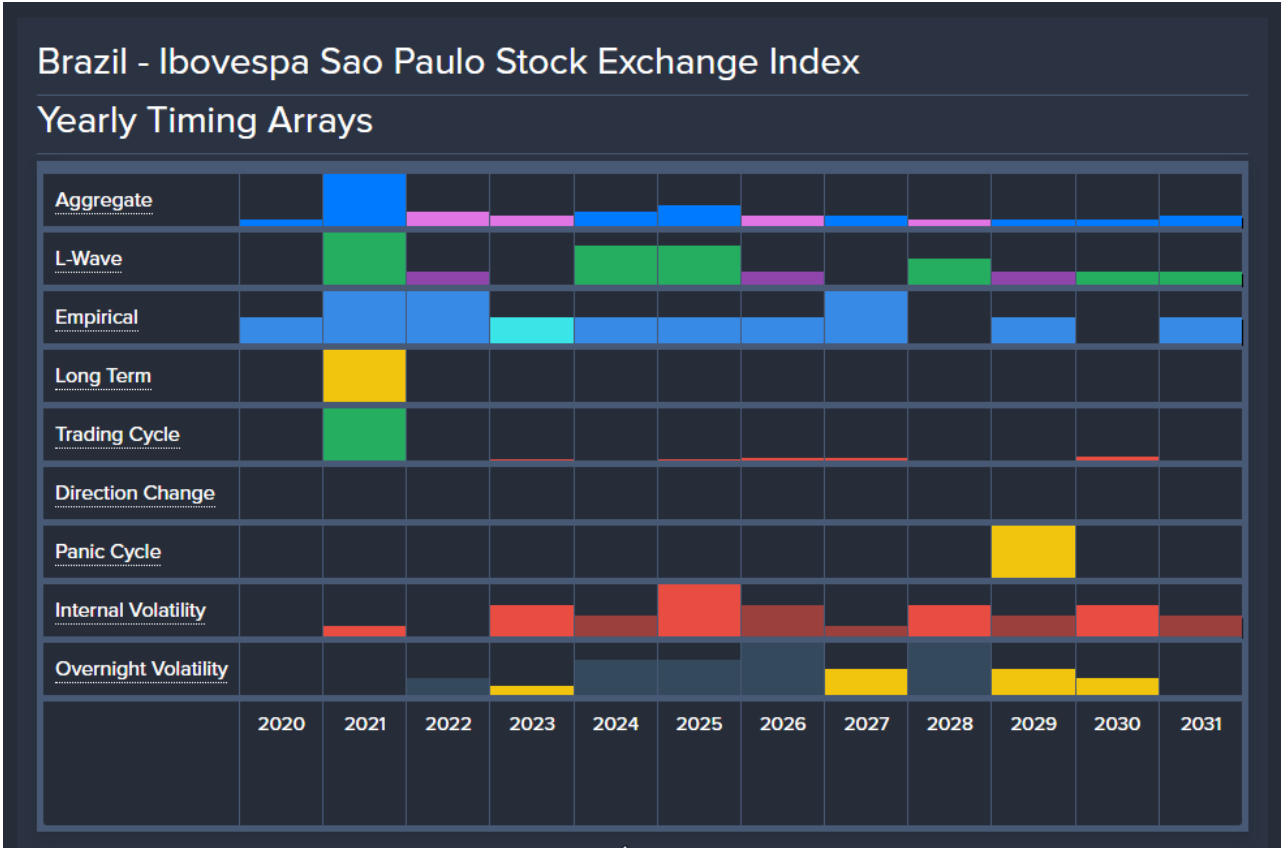
Recently on the yearly level, the market has rallied exceeding last year's high reaching 131190 intraday. At this moment, the market is trading still holding above support in a bullish posture.

Currently, the market is trading neutral within last year's trading range of 120150 to 61691. Overall, the market has been in a long-term bullish trend. We have not elected any Yearly Bearish Reversals from that major high. Right now, the market

BRAZIL STOCK INDEX

is trading bullish above our yearly momentum indicators warning that support begins down at 78024.

Examining the yearly time level, we can now see that there is a 8.50% risk on the upside, where we show a clear downside risk factor at 53%. From a risk perspective, resistance on a closing basis stands at 122497 whereas the risk on the downside begins at 52212.



YEARLY TIMING ANALYSIS

Investigating the longer-term yearly level, we see turning points where highs or lows on an intraday or closing basis should form will be, 2021, 2025, 2027 and 2031. Regarding the various factors, we see a strong potential of a decline moving into 2021 with the opposite trend thereafter into 2025. This pattern becomes a possibility if last year’s low of 61691 is penetrated even intraday or the market closes below

BRAZIL STOCK INDEX

last year's close of 119306. Otherwise, a higher closing warns that we could have a cycle inversion with a rally into the next target.

YEARLY VOLATILITY

Scrutinizing the volatility models suggest we should see a rise in price movement during January 2025. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

YEARLY PANIC CYCLES

Respectfully, our Panic Cycle target, for the next period to watch is during 2029. This is beyond the peak in the next Economic Confidence Model due in 2024. Keep in mind that a Panic Cycle differs from just volatility. This can be either an outside reversal or a sharp move in only one direction. Panic Cycles can be either up or down. Watch the Stochastics and the reversals to determine the best indication of the potential direction.

THE BROADER LONGER-TERM VIEW

Noticeably, the long-term study view recognizes that the current directional movement since the low made back in March 2020 has been an extended Bullish trend in Brazil Stock Index. This trend remains in motion as long as we hold above 99951 on a monthly closing basis. It is incredibly important to identify the broader trend for that is the underlying tone. It is wise to take position counter-trend only with this understanding of what you are doing. We need to see a monthly closing back above 121117 to confirm the uptrend will recommence.

YEARLY OUTSIDE COMMENT

A closing above last year's high of 120150 will warn of perhaps new highs into next year. A closing below that number would warn that this year could be just a temporary high.

INDICATING RANGE STUDY

Focusing on our perspective using the indicating ranges on the Yearly level in the Brazil Stock Index, this market remains in a bullish position at this time with the underlying support beginning at 68970.

Yearly Indicating Ranges

Immediate Trend bullish
Short-Term Momentum bullish
Short-Term Trend bullish
Intermediate Momentum bullish
Intermedia Trend bullish
Long-Term Trend bullish
Cyclical Strength neutral

TRADING ENVELOPE STUDY

NORMAL YEARLY TRADING ENVELOPE

Last Close Was. 119306

Envelope Top... 84916
Internal AvgL.. 62943
Internal AvgH.. 84770
Envelope Btm... 53158

STOCHASTICS

The Stochastics are all in a bullish position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

ENERGY MODELS

Looking at our Energy Models on the Yearly level, Immediately, our model continues to rally suggesting that a strong rally is likely.

REVERSAL COMMENTARY

Employing our Yearly Hypothetical Models, clearly, we see that we have Yearly Bearish Reversals that would be generated if we see another new high penetrating 131190. These Tentative Hypothetical Bearish Reversals would rest at 4797, 32058, 44906, and 69070, whereas a close below the previous low 61691 would tend to suggest that these Tentative Hypothetical Reversals will then become fixed as long as the high holds thereafter for at least several days. Moreover, the election of any of these Tentative Hypothetical Bearish Reversals during this next session would signal a decline is unfolding and that such a high may stand. However, if we continue to make new highs, then these Tentative Hypothetical Reversals will be replaced by a new set until the high becomes fixed.

YEARLY FIBONACCI PROJECTIONS IN TIME

These are the Fibonacci Time targets for potential turning points ahead calculated from the 01/01/2020 HIGH:

Sun. 01/01/2023
Wed. 01/01/2025
Sat. 01/01/2028
Sat. 01/01/2033
Tue. 01/01/2041
Thu. 01/01/2054
Tue. 01/01/2075
Wed. 01/01/2109
Mon. 01/01/2164

Note: Once more, these are purely Fibonacci projections in Time. They should not be used independently, but they are more important as a correlation tool when the line up with the targets from our Timing Arrays.

YEARLY FIBONACCI RETRACEMENTS & PERCENTAGE MOVEMENTS

BRAZIL STOCK INDEX

Here are the Fibonacci Percentage Retracements from the previous HIGH at 120150

23% | 91795

38% | 74253

61% | 45897

78% | 25712

Fibonacci Percentage Golden Ratio Movements:

3% | 2023/01/01

5% | 2025/01/01

8% | 2028/01/01

13% | 2033/01/01

21% | 2041/01/01

34% | 2054/01/01

55% | 2075/01/01

89% | 2109/01/01

ECONOMIC CONFIDENCE MODEL CORRELATION

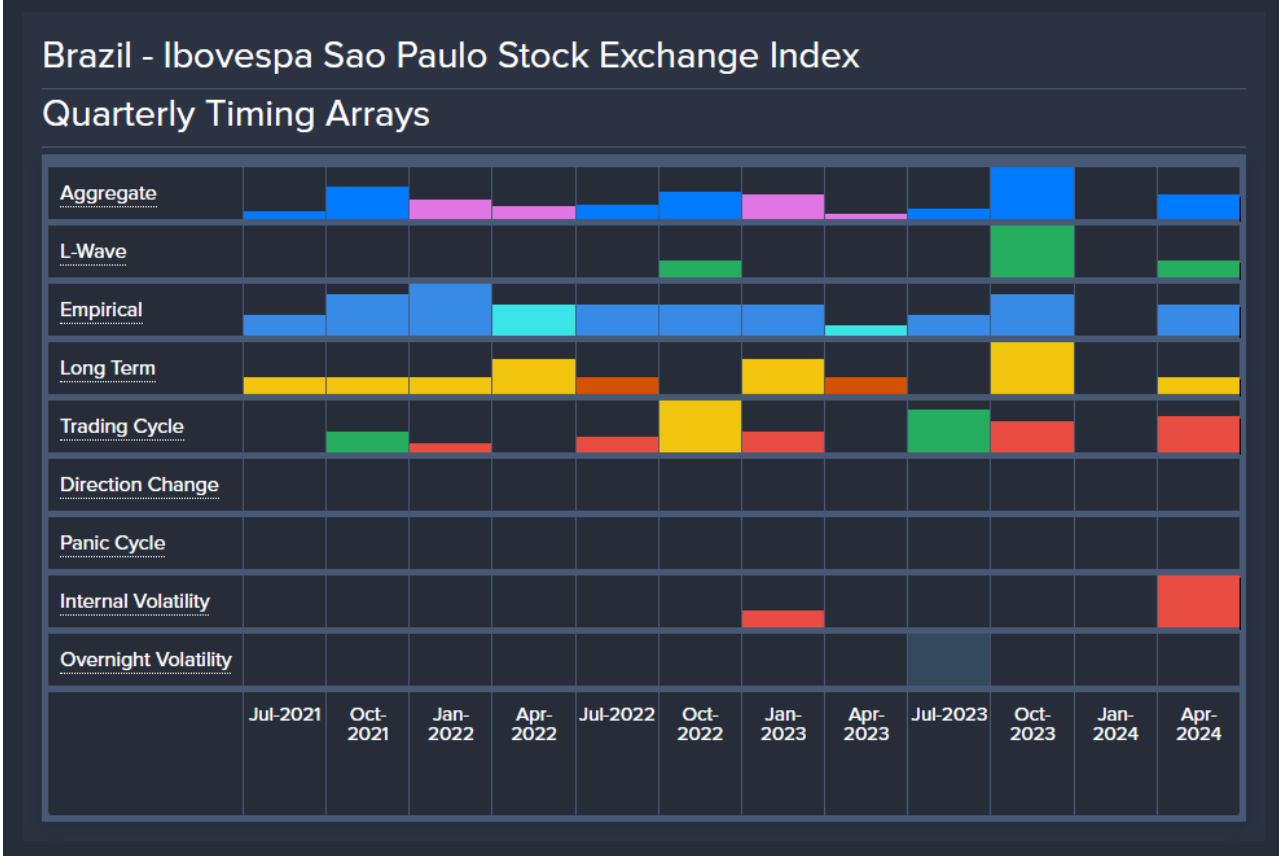
Here in Brazil Stock Index, we do find that this particular market has correlated with our Economic Confidence Model in the past. The Last turning point on the ECM cycle low to line up with this market was 2020 and 2002 and 1998. The Last turning point on the ECM cycle high to line up with this market was 2020 and 2000.

YEARLY CURRENCY CORRELATION

The Brazil Stock Index did make a high in conjunction with the British pound on 0 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 0, a high in the Canadian dollar was established on 0, a high in the Japanese yen was established on 0, a high in the Swiss franc was established on 0, a high in the Euro was established on 0, and a high in the Chinese yuan was 0.

BRAZIL STOCK INDEX

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 0 implying that this immediate rally is purely in domestic terms.



QUARTERLY ANALYSIS PERSPECTIVE

HEDGING MODEL

From the Quarterly Hedging Model employing only the Reversal System, we are currently long since during the Second Quarter 2020 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Quarterly closing basis above the next Bearish

BRAZIL STOCK INDEX

Reversal on this level 89408. If you want to reduce the exit strategy then use the next Monthly Reversal if we reach the timing objectives.

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a crash mode suggesting we may see a decline from here.

On the Quarterly Level, our first target for a turning point is The Fourth Quarter 2021 with the opposite trend implied thereafter into the Second Quarter 2022 (NOTE: this can be intraday or on a closing basis).

The strongest target in the Quarterly array is the Fourth Quarter 2021 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting the Third Quarter 2021 until the Fourth Quarter 2021 with each target producing the opposite direction for that 2-quarter period. Thereafter, we see the next target coming into play as the Second Quarter 2022 until the Second Quarter 2023, but we do have a key target arriving also on the Third Quarter 2022 with again each target producing the opposite direction for that 5-quarter period.

However, the important target during that period will be the Third Quarter 2022. Still, when we look at the next higher time level, we see that a low formed during Yearly.

Keep in mind that given the sharp decline of 18% from the last high established the Second Quarter 2021, that if we continue to move in the same direction after one target, then the move will not subside until the next target in time is reached. We have NOT elected any Bearish Reversals thus far to date. The first Quarterly Bearish Reversal comes into play at 89408. We have a Quarterly Directional Change target due in the First Quarter 2022. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

QUARTERLY CURRENCY CORRELATION

The Brazil Stock Index did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 04/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 04/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



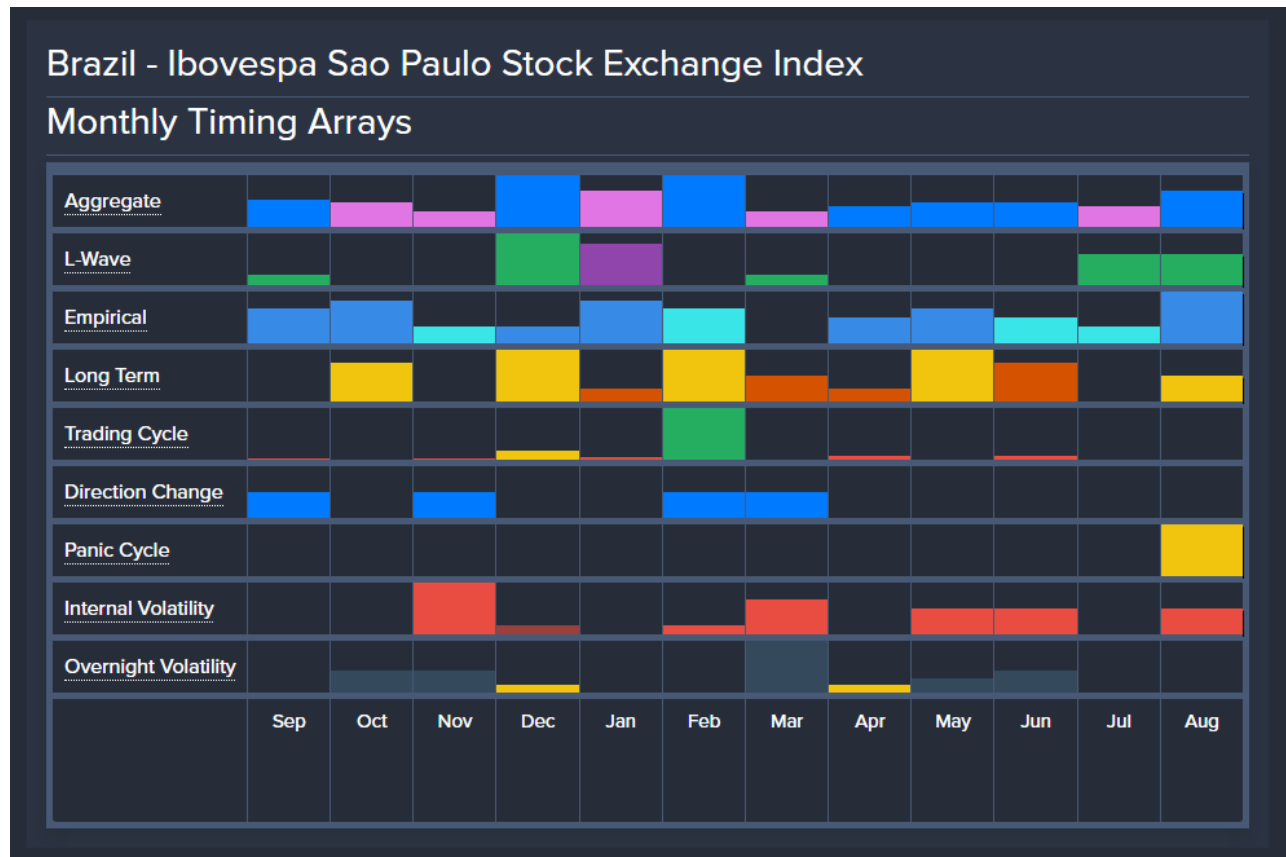
MONTHLY LEVEL

MONTHLY BROADER TREND VIEW

Taking a broader view, this market is in a downward trend on all our indicators looking at the monthly level. We can see this market has been down for the past

BRAZIL STOCK INDEX

month. The previous high made during June on the Monthly level at 131190 remains significant technically and only exceeding that level on a closing basis would suggest a reversal in the immediate trend. The previous low of 61691 made during March 2020 on the Monthly level. However, we still remain above key support 109827 on a closing basis.



MONTHLY TURNING POINTS

My primary targets on the Turning Point Model, defined as highs or lows on an intraday or closing basis, for December, February 2022 and June 2022. There is a likelihood of a decline moving into December with the opposite trend thereafter into February 2022. Looking ahead at December, a continued advance becomes possible if this month's high is penetrated intraday.

MONTHLY VOLATILITY

Scrutinizing the volatility models suggest we should see a rise in price movement during January 2025. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

MONTHLY PANIC CYCLES

Respectfully, our Panic Cycle target, for the next period to watch is during 2029. This is beyond the peak in the next Economic Confidence Model due in 2024. Keep in mind that a Panic Cycle differs from just volatility. This can be either an outside reversal or a sharp move in only one direction. Panic Cycles can be either up or down. Watch the Stochastics and the reversals to determine the best indication of the potential direction.

MONTHLY BULLISH REVERSALS

The key Monthly Bullish Reversal stands overhead at 126216. If this market rallies on a monthly closing basis above this level, then a breakout becomes possible. If we exceed that Reversal, then the next key resistance level to watch will be the next Monthly Bullish Reversal at 125324.

MONTHLY BEARISH REVERSALS

The key Monthly Bearish Reversal below the market remains at 109826. If this is breached on a monthly closing basis, then a further decline becomes entirely possible. If we penetrate that Reversal on a closing basis, then the next key support level to watch will be the next Monthly Bearish Reversal lies at 93386.

HEDGING MODEL

Employing our Monthly Hedging Model using our Reversal System only, we are currently long since September on that close when we reversed our hedge position

BRAZIL STOCK INDEX

in this market. This position should be maintained provided this market remains on a Monthly closing basis above the next Bearish Reversal on this level 109826. If you want to reduce the exit strategy then use the next Weekly Reversal if we reach the timing objectives.

The Stochastics are all in a bearish position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

was September, that is reinforced by also a Directional Change Target. However, we also see that there is another Directional Change due in the next session and then the session thereafter warning this is a choppy period ahead given that the previous session was a low which also closed weak below the former low. However, a higher open above 119668 will imply that the Directional Change may point to a rally instead of a decline. A close above 124536 will tend to warn of a rally unfolding into the next target or beyond with the market moving into the next Directional Change/Turning Point Target on the top line (NOTE: this can be intraday or on a closing basis).

The strongest target in the Monthly array is December for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting November until March 2022, but we do have a key target arriving also on December with each target producing the opposite direction for that 5-month period. However, given that December is a very strong target, this can produce an important event.

Keep in mind that given the sharp decline of 18% from the last high established June, that if we continue to move in the same direction after one target, then the move will not subside until the next target in time is reached. We have NOT elected any Bearish Reversals thus far to date. The first Monthly Bearish Reversal comes into play at 109826. There are 4 Monthly Directional Change targets starting from September to March 2022 warning of a potential choppy swing period for these few Months. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

BRAZIL STOCK INDEX

Monthly Level

Indicator Description... Trend

Immediate Trend (Bearish)
Short-Term Momentum (Bearish)
Short-Term Trend (Bearish)
Intermediate Momentum - Neutral -
Intermediate Trend BULLISH
Long-Term Trend BULLISH
Cyclical Strength..... BULLISH
Broader Trend BULLISH
Long-Term Cyclical Trend .. BULLISH

MONTHLY CURRENCY CORRELATION

The Brazil Stock Index did make a high in conjunction with the British pound on 07/01 yet in nominal terms the last high was created on 06/01 whereas the high in Australian dollar took place on 07/01, a high in the Canadian dollar was established on 07/01, a high in the Japanese yen was established on 07/01, a high in the Swiss franc was established on 07/01, a high in the Euro was established on 07/01, and a high in the Chinese yuan was 07/01.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 06/01 after the high in terms of a basket of currencies which came on 07/01 implying that this immediate rally is purely in domestic terms.

MARKET RISK FACTOR

Brazil Stock Index Risk Table

----- UPSIDE RISK ----- DOWNSIDE RISK ----

MONTHLY.....	125324		11%		109826		2.722%	
QUARTERLY.....	132059		16.96%		89408		20.8%	
YEARLY.....	122497		8.5%		52212		53.75%	

MEXICO IPC INDEX



The major high took place during 2017 that was 3 years ago, which thus far is a standard reaction. On the Yearly Level, looking at our cyclical timing models, there was a reasonable potential of an Outside Reversal to the upside in 2020, that is reinforced by also a Directional Change Target. However, we also see that there is another Directional Change due in the next session given that the previous session was a low. However, a higher open above 4193254 will imply that the Directional Change may point to a rally instead of a decline. A close above 4559957 will tend to warn of a rally unfolding into the next target or beyond with the market moving into the next Directional Change/Turning Point Target on the top line (NOTE: this can be intraday or on a closing basis). temporary low since the market is trading at 5106005 above the previous Yearly closing 4469396. Maintaining a closing above our Momentum Projection residing at 4616902 will signal that the market is finding strength right now. However, a higher closing would still leave the last low as a key target and the next turning point will be 2021. Yet, this market is also trading above our momentum resistance at 4401643, which is providing support right now on a closing basis. This turning point 2020 also matched the turning point on the Economic Confidence Model implying it was significant

MEXICO IPC INDEX

The strongest target in the Yearly array is 2023 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting 2020 until 2021 with each target producing the opposite direction for that 2-year period.

Keep in mind that given the dramatic decline of 37% from the last high established during 2017, that if we continue to move in the same direction after one target, then the move will not subside until the next target in time is reached. We have NOT elected any Bearish Reversals thus far to date. The first Yearly Bearish Reversal comes into play at 3703420.

The Mexico Stock Index Futures has continued to make new historical highs over the course of the rally from 1995 moving into 2021. Noticeably, we have elected one Bullish Reversal to date.

This market remains in a positive position on the weekly to yearly levels of our indicating models. From a Historical Perspective, this market was in a protracted bullish trend since the major low took place back in 1995 with the high forming during 2017. Nonetheless, we have not elected any Yearly Bearish Reversal to date from the turning point of 2017.

The last major low took place during 1995 which was 26 years ago. However, the last near-term low took place just 1 years ago in 2020.

YEARLY ANALYSIS PERSPECTIVE

Strategically, in Mexico Stock Index Futures, the last important low was established in 1995 from which we have rallied into the major high established during 2017 which was a bullish run for twenty-two years. Longer-term, the major cyclical low was formed back in 1995 which was a broad bull market run for twenty-two years. Since the major high in this market, we have seen a post high consolidation period for the past three years. We have not elected any Yearly Bearish Reversals from that high of 2017. During the post high consolidation period, we did make a correction low during 2020 and we have elected three Bullish Reversals from that low implying new highs are likely.

MEXICO IPC INDEX

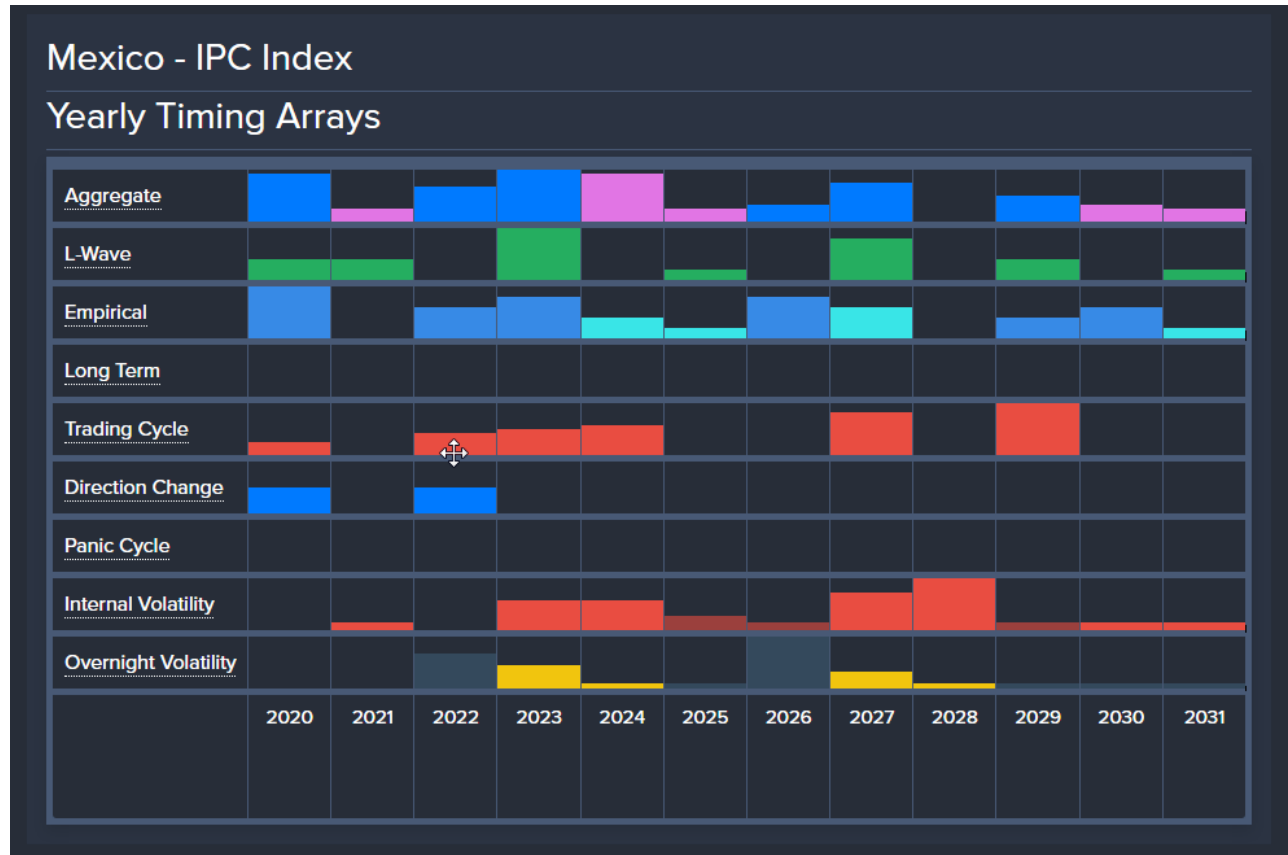
Recently on the yearly level, the market has rallied exceeding last year's high reaching 5340027 intraday and we are still trading above 4595541 right now with a positive undertone. To date, we have a 3-year reaction low in place as of 2020, which warns that there is a potential for a rally failing to make new lows below 3250325

Right now, as stated, the market is trading above last year's high of 4595541. Overall, the market has been in a long-term bullish trend. We have not elected any Yearly Bearish Reversals from that major high. However, we have seen a correction from that high for 3 years forming the low during 2020.

Examining the yearly time level, we can now see that there is a -.04% risk on the upside, where we show a clear downside risk factor at 27%. From a risk perspective, resistance on a closing basis stands at 4895607 whereas the risk on the downside begins at 3703420.

YEARLY TECHNICAL ANALYSIS

2021/01/01...	2958186	3113848	3883353	6221315	6370690
2022/01/01...	3058970	2757496	4067327	6472671	6591089
2023/01/01...	3159753	2401145	4251301	6724028	6811487
2024/01/01...	3260537	2044793	4435275	6975384	7031885
2025/01/01...	3361320	1688441	4619249	7226740	7252284
2026/01/01...	3462104	1332090	4803223	7478097	7472682
2027/01/01...	3562887	975738	4987197	7729453	7693080



YEARLY TIMING ANALYSIS

Studying the longer-term yearly level, we see turning points where highs or lows on an intraday or closing basis should form will be, 2023, 2027, 2029 and 2031. There is a likelihood of a decline moving into 2023 with the opposite trend thereafter into 2027. This pattern becomes a possibility if the market closed back below last year's high of 3250325 at a minimum. Closing this year above last year's high warns that a cycle inversion is possible with a rally into the next target.

YEARLY DIRECTIONAL CHANGES

The most critical model, the Directional Change Model target is during 2022. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

YEARLY VOLATILITY

Diving into the volatility models suggest we should see a rise in price movement during January 2026. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

THE BROADER LONGER-TERM VIEW

Perceptibly, the long-term study view recognizes that the current directional movement since the low made back in April 2020 has been an extended Bullish trend in Mexico Stock Index Futures. This trend remains in motion as long as we hold above 3250324 on a monthly closing basis. It is incredibly important to identify the broader trend for that is the underlying tone. It is wise to take position counter-trend only with this understanding of what you are doing. We need to see a monthly closing back above 5170522 to confirm the uptrend will recommence.

YEARLY OUTSIDE COMMENT

A closing above last year's high of 4595541 will warn of perhaps new highs into next year. A closing below that number would warn that this year could be just a temporary high.

INDICATING RANGE STUDY

Looking at the indicating ranges on the Yearly level in the Mexico Stock Index Futures, this market remains moderately bullish currently with underlying support beginning at 4400018 and overhead resistance forming above at 4895606. The market is trading closer to the support level at this time.

Yearly Indicating Ranges

Immediate Trend neutral
Short-Term Momentum neutral
Short-Term Trend bullish
Intermediate Momentum bearish
Intermedia Trend bullish
Long-Term Trend bullish
Cyclical Strength neutral

TRADING ENVELOPE STUDY

NORMAL YEARLY TRADING ENVELOPE

Last Close Was. 4469396

Envelope Top... 4991508

Internal AvgL.. 3905580

Internal AvgH.. 4800528

Envelope Btm... 3124766

STOCHASTICS

The Stochastics are on the short term are in a negative position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

ENERGY MODELS

Looking at our Energy Models on the Yearly level, the historical high took place back in 2018 whereas the actual market high in price unfolded back in 2017. This is rather indicative of the fact that the broader term means that eventually higher highs will be carved out in the future. When Energy peaks BEFORE the high, this is indicative of a major high and a serious change in trend is likely to follow.

REVERSAL COMMENTARY

Engaging our Yearly Hypothetical Models, clearly, we see that we have Yearly Bearish Reversals that would be generated if we see another new high penetrating 5340027. These Tentative Hypothetical Bearish Reversals would rest at 326797, 1646462, 3775164, and 3927156, whereas a close below the previous low 3250325 would tend to suggest that these Tentative Hypothetical Reversals will then become fixed as long as the high holds thereafter for at least several days. Moreover, the election of any of these Tentative Hypothetical Bearish Reversals during this next session would signal a decline is unfolding and that such a high may stand. However, if we continue to make new highs, then these Tentative Hypothetical Reversals will be replaced by a new set until the high becomes fixed.

YEARLY FIBONACCI PROJECTIONS IN TIME

These are the Fibonacci Time targets for potential turning points ahead calculated from the 01/01/2017 HIGH:

Wed. 01/01/2020

Sat. 01/01/2022

Wed. 01/01/2025

Tue. 01/01/2030

Fri. 01/01/2038

Sun. 01/01/2051

Fri. 01/01/2072

Sat. 01/01/2106

Fri. 01/01/2161

Note: Once more, these are purely Fibonacci projections in Time. They should not be used independently, but they are more important as a correlation tool when the line up with the targets from our Timing Arrays.

YEARLY FIBONACCI RETRACEMENTS & PERCENTAGE MOVEMENTS

Here are the Fibonacci Percentage Retracements from the previous HIGH at 5177237

23% | 3955409

38% | 3199532

61% | 1977705

78% | 1107929

Fibonacci Percentage Golden Ratio Movements:

3% | 2020/01/01

5% | 2022/01/01

8% | 2025/01/01

13% | 2030/01/01

21% | 2038/01/01

34% | 2051/01/01

55% | 2072/01/01

89% | 2106/01/01

ECONOMIC CONFIDENCE MODEL CORRELATION

Here in Mexico Stock Index Futures, we do find that this particular market has correlated with our Economic Confidence Model in the past. The Last turning point on the ECM cycle low to line up with this market was 2020 and 2001 and 1998. The Last turning point on the ECM cycle high to line up with this market was 2017 and 2007 and 2000 and 1994.

YEARLY CURRENCY CORRELATION

The Mexico Stock Index Futures did make a high in conjunction with the British pound on 0 yet in nominal terms the last high was created on 01/01 whereas the high in Australian dollar took place on 0, a high in the Canadian dollar was established on 0, a high in the Japanese yen was established on 0, a high in the Swiss franc was established on 0, a high in the Euro was established on 0, and a high in the Chinese yuan was 0.

In terms of a Basket of Currencies, we see that here this market has been neutral both in nominal and basket terms. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 01/01 after the high in terms of a basket of currencies which came on 0 implying that this immediate rally is purely in domestic terms.



QUARTERLY ANALYSIS PERSPECTIVE

HEDGING MODEL

Employing our Quarterly Hedging Model using our Reversal System only, we are currently long since during the First Quarter 2021 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Quarterly closing basis above the next Bearish Reversal on this level 4969680. If you want to reduce the exit strategy then use the next Monthly Reversal if we reach the timing objectives.

The Stochastics are in a mixed position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator.

MEXICO IPC INDEX

The strongest target in the Quarterly array is the First Quarter 2023 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting the Second Quarter 2022 until the Third Quarter 2022 with each target producing the opposite direction for that 2-quarter period. Thereafter, we see the next target coming into play as the First Quarter 2023 until the Second Quarter 2023 with again each target producing the opposite direction for that 2-quarter period. There are 4 Quarterly Directional Change targets starting from the Fourth Quarter 2021 to the Second Quarter 2022 suggesting a choppy coiling period for 3 Quarters. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

QUARTERLY CURRENCY CORRELATION

The Mexico Stock Index Futures did make a high in conjunction with the British pound on 01/01 yet in nominal terms the last high was created on 07/01 whereas the high in Australian dollar took place on 01/01, a high in the Canadian dollar was established on 01/01, a high in the Japanese yen was established on 01/01, a high in the Swiss franc was established on 01/01, a high in the Euro was established on 01/01, and a high in the Chinese yuan was 01/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has declined. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 07/01 after the high in terms of a basket of currencies which came on 01/01 implying that this immediate rally is purely in domestic terms.



MONTHLY LEVEL

MONTHLY BROADER TREND VIEW

On a broader perspective, this market remains in an uptrend posture on all our indicators looking at the monthly level. We see here the trend has been moving up for the past 17 months. The previous low of 3250325 made during April 2020 on the Monthly level has held and only a break of 5066977 on a closing basis would warn of a technical near-term change in trend. The previous high made during September on the Monthly level at 5340027 remains significant technically and only exceeding that level on a closing basis would suggest a reversal in the immediate trend. We have generated a buy signal so some caution is required.

MONTHLY TURNING POINTS

My primary targets on the Turning Point Model, defined as highs or lows on an intraday or closing basis, for November, January 2022, March 2022 and May 2022, July 2022. There is a likelihood of a decline moving into November with the opposite trend thereafter into January 2022. Looking ahead at November, a continued advance becomes possible if this month's high is penetrated intraday.

MONTHLY DIRECTIONAL CHANGES

The most critical model, the Directional Change Model target is during 2022. This model often picks the high or low but can also elect a breakout to a new higher trading zone or a breakdown to a new lower trading level.

MONTHLY VOLATILITY

Diving into the volatility models suggest we should see a rise in price movement during January 2026. We look to the turning points to ascertain the direction. Volatility targets reflect only greater price movement.

MONTHLY BEARISH REVERSALS

The key Monthly Bearish Reversal below the market remains at 4713820. If this is breached on a monthly closing basis, then a further decline becomes entirely possible. If we penetrate that Reversal on a closing basis, then the next key support level to watch will be the next Monthly Bearish Reversal lies at 4190260.

HEDGING MODEL

Using our Monthly Hedging Model based on the Reversal System exclusively, we are currently long since November 2020 on that close when we reversed our hedge position in this market. This position should be maintained provided this market remains on a Monthly closing basis above the next Bearish Reversal on this level 4713820. If you want to reduce the exit strategy then use the next Weekly Reversal if we reach the timing objectives.

The Stochastics are on the short term are in a positive position. Keep in mind that this type of indicator tends to be more of a confirmation tool rather than a leading forecasting tool. Thus, it is more often than not just a lagging indicator. Nevertheless, the short-term oscillator is entering a crash mode suggesting we may see a decline from here.

On the Monthly Level, looking at our cyclical timing models, there was a reasonable potential of an Outside Reversal to the downside was September, that is reinforced by also a Directional Change Target. However, we also see that

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there is another Directional Change due in the next session and then the session thereafter warning this is a choppy period ahead given that the previous Monthly session of August was a high and also closed strong above the former high with the opposite trend implied thereafter into November. decline moving into September, that is reinforced by also a Directional Change Target. However, we also see that there is another Directional Change due in the next session and then the session thereafter warning this is a choppy period ahead given that the previous Monthly session of August was a high and also closed strong above the former high with the opposite trend implied thereafter into November (NOTE: this can be intraday or on a closing basis).

The strongest target in the Monthly array is March 2022 for a turning point ahead, at least on a closing basis. It does appear we have a choppy period starting November until March 2022 with each target producing the opposite direction for that 5-month period. Thereafter, we see the next target coming into play as May 2022 until July 2022 with again each target producing the opposite direction for that 3-month period.

However, the important target during that period will be July 2022, yet the key target will be May 2022. There are 5 Monthly Directional Change targets starting from September to February 2022 suggesting a choppy coiling period for 4 Months. Don't forget, a Directional Change can also be a sharp dramatic move in the same direction, not just a change in direction.

Monthly Level

Indicator Description... Trend

Immediate Trend	- Neutral -
Short-Term Momentum	- Neutral -
Short-Term Trend	BULLISH
Intermediate Momentum	BULLISH
Intermediate Trend	BULLISH
Long-Term Trend	BULLISH
Cyclical Strength.....	BULLISH
Broader Trend	BULLISH
Long-Term Cyclical Trend ..	BULLISH

MONTHLY CURRENCY CORRELATION

The Mexico Stock Index Futures did make a high in conjunction with the British pound on 07/01 yet in nominal terms the last high was created on 09/01 whereas the high in Australian dollar took place on 07/01, a high in the Canadian dollar was established on 07/01, a high in the Japanese yen was established on 07/01, a high in the Swiss franc was established on 07/01, a high in the Euro was established on 07/01, and a high in the Chinese yuan was 07/01.

In terms of a Basket of Currencies, we see that here this market has been neutral while in nominal terms, it has rallied. In international terms, we have a divergence whereby this market last reached a high in nominal terms on 09/01 after the high in terms of a basket of currencies which came on 07/01 implying that this immediate rally is purely in domestic terms.

MARKET RISK FACTOR

Mexico Stock Index Futures Risk Table

----- UPSIDE RISK ----- DOWNSIDE RISK ----

MONTHLY.....	5482674	7.376%	4713820	7.68%
QUARTERLY.....	5235646	2.538%	4969680	2.669%
YEARLY.....	4895607	-4.12%	3703420	27.46%