



LASER EYES TO \$100K 14TH AUG 2021



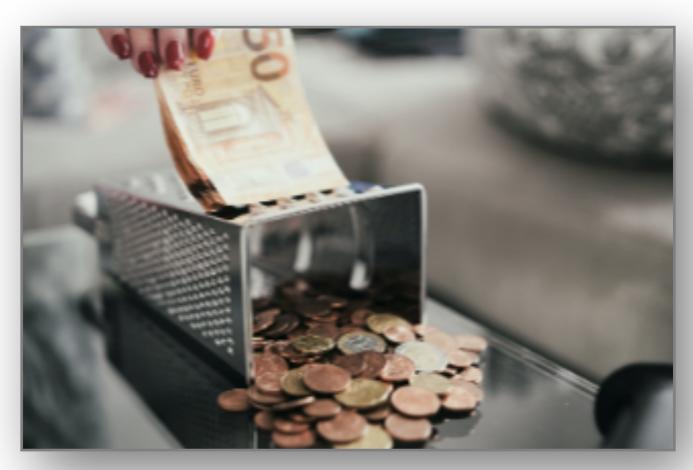
WHAT IS PAX GOLD (PAXG)

18TH AUG 2021



RAAINDEX 2ND BIRTHDAY 17TH AUG 2021

NEWSLETTER



DCA strategies (includes enhanced RSI version)?

image by Marc Schaefer / 28th Aug 2021

So what is DCA? It stands for dollar cost average (DCA) and it is a simple investment strategy which involves buying an asset at set intervals (daily, weekly, monthly, etc.) to remove the anxiety of buying when market swings make it seem like it would be disadvantageous to buy.

"The question is, would you be happy with approx 6.82% yearly returns"

So the simple strategy is:

 Buy \$15.00 (or your chosen amount) of gold (your chosen asset) every day/week/month

There are many flavours (let's call them enhancements) to this strategy, however to ensure we pick the best one, we should always compare return on investment (ROI) percentages. It's also worth back testing the simple and the enhanced versions with different moving averages, frequencies and amounts invested to ensure optimal returns. At the end of the day, its always best to DYOR.

So what are some of these alternatives to the simple DCA method? Buying when:

- the price is below 90 Day Simple Moving Average (SMA)
- 90 Day SMA is trending downwards (less than the day before)
- the relative strength index RSI (90) is less than 50

So why 90 Days? 90 day moving averages is 3 months of data (i.e. 1 quarter). From the different scenarios, compared to the traditional 50, 100 and 200 Day SMAs; using the 90 day SMA has generally resulted in producing higher ROIs. So unless stated, I will be using 90 days.

SIMPLE DCA STRATEGY

The best way to understand this is normally with some examples, so let's start with the simple DCA strategy. Simply take \$15 dollars and DCA it into gold every day regardless of price for 5 years (our gold data has been taken from trading view, from the 1st Aug 2016 until 27th Aug 2021, using Comex: Gold futures quoted in US dollars). So here are the headline numbers, after investing \$15 dollars every day, 5 days week, for just over 5 years (no weekend trading in the traditional markets):

Asset Accumulated: 13.46oz

• Total Value: 24,183.53

• Invested: 19,170.00

• Profit: 5,013.53

• ROI%: 26.15%

• Cash on Hand: \$0.00

• Approx Yearly % Return: 5.23%

Check out our website for more

RAAINDEX here



EDUCATION here



FAQs here



Store here



Things to look forward in coming additions:

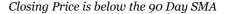
- DCA notifications
- Youtube content

So saving \$15 a day (\$450 month) with this really simple strategy, in one of the most volatile assets around (big smiley face) gives you an average of 5.23% a year (26.15% in 5 years) - no wonder it is such a popular strategy. Its a pity nobody knows how well gold has performed compared to bonds, which today return less than 1%, and some even have negative rates (a guarantee that you will lose money - sounds like a brilliant investment idea).

Anyway, let's not go down that road here, I'm happy with a strategy returning 5.23% holding an assets that keeps its value over the long term (i.e. protects your purchasing power), is there anyway we can improve this strategy. Let's look at the enhanced versions:

PRICE IS BELOW 90 DAY SIMPLE MOVING AVERAGE (MA)

I've tried to show how this strategy works, and like the simple strategy is is very easy to execute. When the close price is below the 90 SMA (the yellow line), buy the asset. See the yellow boxes below for an idea of when you would buy the asset. On the day that this condition is not met, take your (daily, weekly, monthly) investment amount and put into a cash account.





Back to the analysis, lets buy \$15 of gold every day our closing price is less than the 90D SMA (yellow boxes) for the same period as earlier (1st Aug 2016 until 27th Aug 2021) and when the condition is not met, we suspend our DCA buys and accumulate those \$15 daily contributions.

Here are the results of this approach:

Asset Accumulated: 5.60oz

• Total Value: \$10,068.17

• Invested: \$7,770.00

• Profit: \$2,298.17

• ROI%: 29.58%

• Cash on Hand: \$11,400.00

• ~Yearly % Return: 5.92%

So by adjusting the simple strategy slightly (let's be honest, its still very simple), we have managed to extract 1.13x the return. That might not seem like much, but on \$1.0m invested you would make an extra \$130,000 using this strategy (i.e. DCAing only when the closing price is below the 90 day simple moving average).

Next we move onto another enhancement, this one is slightly more complicated, and a DCA strategy which also uses the 90 day SMA.

90 DAY SMA IS TRENDING DOWNWARDS (LESS THAN THE DAY BEFORE)

Again, I've tried to show how this strategy works with a simple chart. In the chart below, look for the 3 lines with arrows pointing down. This is where the 90D SMA (yellow line) is trending down and this is where you will buy. You don't worry where the price is relative to the 90D SMA, you just buy when the SMA is in a negative slope (trending down) and again when this condition isn't met, suspend your DCA buys and accumulate those daily contributions in a cash account.

90 Day SMA is trending downwards



Again, I have uploaded the data in our back testing sheet, where we bought \$15 of gold every day when our 90D SMA was trending down for the 5 years (1st Aug 2016 until 27th Aug 2021). The results were again impressive and this again produced an improvement:

• Asset Accumulated: 4.73oz

• Total Value: \$8,502.90

• Invested: \$6,465.00

• Profit: \$2,037.90

• ROI%: 31.52%

• Cash on Hand: \$12,705.00

• ~Yearly % Return: 6.30%

Isn't it interesting to to see that not only do we have a better ROI%, but we have a significant amount of cash on hand. For the data set we used, there where 1278 days to invest, and the condition was only met 431 days. Importantly though, the buying happens on days that produce more alpha in the long term, hence the approx 6.3% per year (on gold, yes on gold)!

I might be losing you, the gin is finished, but I too need to finish. And I've left the best for last:

BUYING WHEN RSI (90D CLOSE) IS LESS THAN 50

This is my personal favourite, because it is really very easy. RSI above 50, put your cash aside, RSI below 50, buy. Most good charting platforms give you a RSI reading, simply set it to 90 on CLOSE (this is a step that can not be missed).

RSI is less than 50



Looking at the above, there are 2 frames, in the top frame is the RSI (90,CLOSE). When this line is below 50, purchase \$15 worth of GOLD. If the line goes above 50, accumulate those daily contributions in a cash account. And here are the results:

• Asset Accumulated: 4.510z

• Total Value: \$8,105.00

• Invested: \$6,045.00

• Profit: \$2,060.00

• ROI%: 34.08%

• Cash on Hand: \$13,125.00

• ~Yearly % Return: 6.82%

Incredible, this can't be gold, surely not!

So from the simple strategy to this enhanced RSI version, there is a difference of 1.3x (34.08% vs 26.15%). On \$1m, that's about \$300k more in returns over 5 years, and I'm sure you will agree, regardless of the investment amount, we want the best performing strategy.

"The RSI DCA version has the most superior ROI% for this data set"

Summary Table

	Simple	Price<90 SMA	RSI less 50	90 SMA -ve Trend	
Asset Accumulated:	13.46	5.60	4.51	4.73	
Total Value:	24,183.53	10,068.17	8,105.00	8,502.90	
Invested:	19,170.00	7,770.00	6,045.00	6,465.00	
Profit:	5,013.53	2,298.17	2,060.00	2,037.90	
ROI%:	26.15%	29.58%	34.08%	31.52%	
Cash on Hand:		11,400.00	13,125.00	12,705.00	
~Yearly % Return:	5.23%	5.92%	6.82%	6.30%	

IN SUMMARY

I really hope you are all still awake, and thanks for taking the time to read this analysis. It's pretty clear to me that DCAing when the price is down is a good idea. I've shown the analysis for 3 additional ways to DCA opposed to a Simple DCA strategy.

But before we go, I know there are some out there saying, but the simple DCA gives us over \$24k of gold (13.46oz). The RSI version one has only \$8.1k of gold (4.51oz). This may be true, but remember that you also have over \$13.1K cash on hand. Had you invested the full amount available, you would have returned \$25,7k, with a profit of \$6,532.70 (thats \$1,519 more).

The key to all three of the enhanced DCA methods, is that in all of them, you have cash on hand for other opportunities. Let's say we like a crypto strategy, like "**Rational Active Allocation Index**" by momentum-analytics.io (as at Aug 2021 it has outperformed Bitcoin for 2 year's since inception), you'd have the cash to DCA into that versus the \$0.00 you'd have in cash with the simple DCA approach.

SOLUTION FOR YOUR GOLD DCA STRATEGY

The question is, would you be happy with ~6.82% yearly returns on about \$150 a month (about 1/3 of days invested in the enhanced methods). If the answer to this is yes, start your gold DCA strategy by allocating to the low fee XAU DCA Strategy (GOLD) - which gives access to 100% allocated gold bullion.(*)

XAU DCA Strategy (Gold)

(*) You will need to register on the ICONOMI platform before you are able to copy the strategy and you can find out more on PAXG **here**.

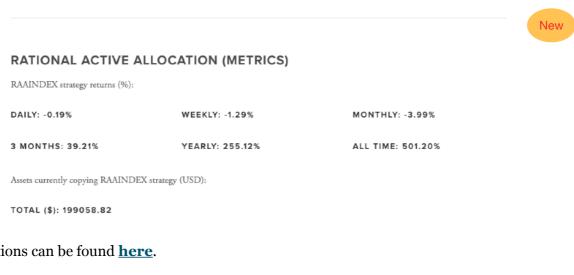
Website & service updates

Q3 2021 has been a very busy month for us. The last 3 months (as at 25th Sep) has seen us not only return 39.22% to our strategy copiers, we have also been very busy making updates to our website and adding services.

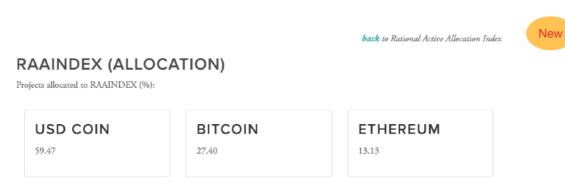
1) INTEGRATED STRATEGY API

We have added the API data from our strategy RAAINDEX (Rational Active Allocation) to our website. Performance percentages, total assets under management (AUM) and projects allocated to our strategy can now be directly viewed from our website.

• Metrics can be found here



• Allocations can be found here.



The above data is as at 25th Sep 2021 and will update dynamically, it is recommended that if you want to see your own balance and performance metrics, you log into your account.

2) NEW STORE: CRYPTO STARTER KIT (\$75 & \$200 GIFT CARD)



To make it super easy for anybody new to the crypto space we are selling a "Crypto Starter Kit". The product includes:

- Everything you need to get started on your journey to owning your first crypto in an easy to follow eBook (*).
- PLUS This product includes either a \$75 or \$250 (USD) gift card (**). This gift card can only be used on your verified account on our custodial partner's platform to purchase crypto or copy our crypto strategy: Rational Active allocation (RAAINDEX).



Crypto Starter Kit

momentum-analytics.io

As a special introduction offer, please use the following code for £20-00 off the Crypto Starter Kit (***):

WOW20OFF

Crypto Starter Kit

- (*) Unfortunately, US Citizens, Entities and Corporations have been excluded from this product.
- (**) Gift cards are generated and send out within 24hours of order confirmation.
- (***) Offer expires on 31st Oct 2021, only one code to be redeemed per person on our store and only one \$75 crypto gift card will be generated per person who has setup a verified account.

3) NEW STORE: CORPORATE SWAG

It's been a long time coming but we finally got there! We now have loads of corporate swag for supporters to choose from and we are also trialing some NFT sales, here is just a small sample of the cool corporate swag we have on our new store:







Visit our store

4) DCA SIGNALS - WEEKLY EMAIL

New

New

Thank you to our followers for the great feedback on our "DCA strategies" blog (*see first article in this publication or read online* <u>here</u>). In addition to this analysis, we will also soon be publishing the DCA analysis we completed for bitcoin and our very own RAAINDEX strategy.

There were also numerous requests for us to provide a service to send notifications when our "RSI 90" DCA Strategy triggers a buy signal for gold. Having thought about this, we will provide a weekly email with all the buy signals for the previous week for gold and BTC and a running total for the month. Sample data for week commencing 20 Sep 2021 below (we will look to add signals for our RAAINDEX at a future data):

LAST WEEK (20-SEP-2021 TO 26-SEP-2021) GENERATED THE FOLLOWING "RSI 90 DCA" SIGNALS:

- Gold 7/7 buys signals (month to date incl. 26th Sep 19 buys signals)
- BTC 1/7 buys signals (month to date incl. 26th Sep 1 buys signals)
- RAAINDEX tbc (*)

-> If you're interested in receiving a weekly email with "RSI 90" DCA signals, please do so on our website at link below.

Sign up - Weekly DCA Signals

Laser eyes to \$100k

14th Aug 2021

With Bitcoin turning the corner, one question that I've seen floating around the past week is:

"So how do we get to \$100k?"

There are still many people who are still blissfully unaware of how the current financial system works and don't understand what Bitcoin (BTC) and Crypto really mean for society. This isn't meant to be a "I told you so" moment, I say this because of the people who have actually entered the space



and have already begun to understand how well incentivised systems work.

If you are one of these people, well done, you are still early and the laser eye - initial \$100k target is well within sight.

I say initial, because I see the price of BTC going much higher. There will come a time when we price satoshi's and not a whole coin. For future and longer term projections, I'd highly recommend you look at the great work PlanB has done in this space with the BTC Stock to Flow (S2F) model.

Back to the main question, how do we get there? As I mentioned, I believe it is inevitable, when we look at Ethereum (ETH) in closer detail, it gives us a clue on how we achieve the milestone.

Do you remember how many ETH were required to become an "*ETH2.o Validator Node*"? The answer is 32. The first stage (Beacon Chain) went live on 1st Dec 2020 (closed trading at \$586 on the day). So a full node (32 ETH) would have cost you \$18752. Do you know what BTC closed at on the 1st Dec 2020, the answer is \$18771.

Therefore, on the day that ETH2.0 went live, 32ETH = 1BTC.

The chart below (Fig1) shows this 32:1 ratio on go-live day, also very interesting is the volume profile (volume by price), notice how the point of control (POC) is 32. This basically means that most volume in this series was done at 32:1 ratio. In this chart, it appears that BTC is currently undervalued compared to ETH.

Fig1 - 1/ETHBTC (number of ETH to buy 1 BTC)

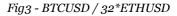
Next let us have a look at the price of 32ETH. In Fig2, you will see that on the 1st Dec 2020 the price was \$18742, as stated above. It has climbed to over \$100k in early May 2021 and currently the price of an "ETH2.0 Validator Node" (32 ETH) is back over \$100k.



Fig2 - 32*ETHUSD

(Price of 32 ETH or an "ETH2.0 Validator Node")

Next, let's look at the 4 year ratio of 1BTC / ETH2.0 Validator Node (i.e. 32 ETH). In Fig3, pay close attention to the POC value. It is 1, confirming again that the ratio of 32:1 is highly significant and that BTC is currently under valued relative to ETH.





(Bitcoin / ETH2.0 Validator Node ratio)

Next you might ask, how undervalued is BTC relative to ETH. For that we use Fig4. Here we simply subtract the price of 32 ETH by 1 BTC. When the beacon chain went live the difference between the two assets that cost over \$18k was only \$29, today it is over \$57k.

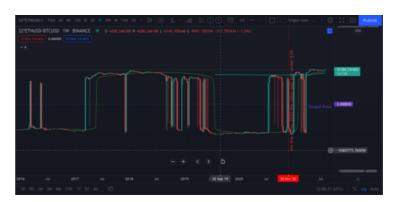
Fig4 - 32*ETHUSD-BTCUSD



(Difference between 32ETH and 1BTC (On the 1 Dec 2020 the value was just under \$29)

Fig5 - 32*ETHUSD-BTCUSD (Log)

The log view of the above chart, see Fig5, suggest that we can expect the 32:1 ratio to be tested again and again in the future as it has been in the past. With all this said we can do the projection in the reverse. I.e. we can take the price of BTC as the constant and we can project that the price of ETH should fall to ~ \$1450 (BTC at ~\$46500 / 32).



This is however not what we set out to do. We set out to show how BTC could get to \$100k. From the charts and analysis above I think we can agree that the ratio of 32:1 is very important. That BTC appears undervalued relative to ETH. With ETH2.0 staking, burning of ETH as result of "London" upgrade and DeFi draining ETH from exchanges, do you really see the price of ETH falling too far from here. That said 32 ETH is over 100k, so a little catch up from BTC will get us there too!

Laser eyes aren't that silly after all.

As fun as it is posting gifs and calling crypto to the moon, we prefer to provide topical analysis and alpha. If you find this blog useful, why not copy our crypto strategy, <u>Rational Active</u>
<u>Allocation</u>, with as little as €10. If that's not for you, maybe look at dollar cost averaging (DCA) every month into a gold strategy <u>XAU DCA Strategy (Gold)</u>. If you haven't signed up for our free newsletter, you can do that <u>here</u>.

What's PAX Gold (PAXG) how does it work?

18th Aug 2021

PAX Gold (PAXG) is an asset-backed token where one token represents one fine troy ounce of a London Good Delivery gold bar, stored in professional vault facilities. Anyone who owns PAXG has ownership rights to that gold under the custody of Paxos Trust Company. Since PAXG represents physical gold, its value is tied to the real-time market value of that physical gold.

If you ever feeling a little nervous when crypto is going crazy - it might be time to allocate some of your winnings to the XAU DCA Strategy (GOLD) - LOW FEE STRATEGY, giving access to the crypto gold proxy PAXG (100% allocation) Start with as little as £10, perfect for dollar cost averaging (DCA) day/week/month and ideal when crypto markets are at max greed levels. (*)

XAU DCA Strategy (Gold)

Note: XAU is an abbreviation for gold, and DCA is short for dollar cost averaging (an investment strategy where you regularly buy a fixed dollar amount of a specific investment, regardless of the price, with the goal of limiting the impact of price volatility over time)

(*) You will need to register on the ICONOMI platform before you are able to copy XAU DCA Strategy (GOLD).

Happy 2nd Birthday - Rational Active Allocation

17th Aug 2021

Just wanted to say a big thank you to our followers on our 2nd birthday!

Here are some 2 year KPI's:

- Outperformed BTC (530% since inception)
- Greater than 10x Asset Under Management (AUM) growth
- Above average copier investment (\$8.96k)
- ICONOMI "Verified" Public strategy



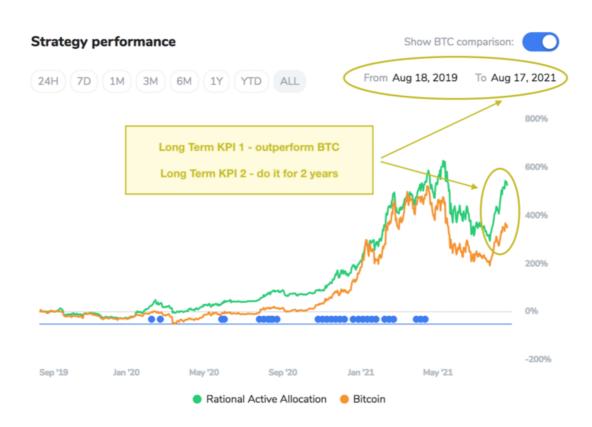
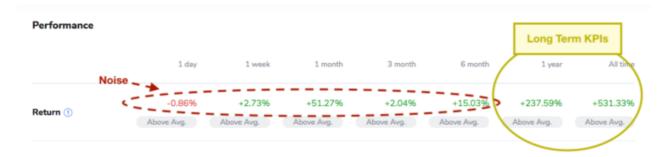


Chart above is from the platform where our strategy for the public is run, very proud of our 2 year track record outperforming bitcoin. Since inception we have returned 530%.



Big thanks to the team at ICONOMI for their wonderful platform and continued support. Lastly, to our fellow strategy managers, thanks for keeping us honest and we are happy to be your partners in this industry.

If you haven't yet joined our public "platform verified" crypto strategy Rational Active Allocation (RAAINDEX), you can do so with as little as £10 per month, follow the button below to get started. (*)

Copy RAAINDEX Strategy

(*) You will need to register on the ICONOMI platform before you are able to copy our strategy.

Mcap vs TVL Analysis (data as at 2nd September)

2nd Sep 2021

Data as at 2nd September 2021

Mcap vs TVL ratio analysis complete. Our 15 selected projects average is unchanged at 0.37 from last month (USD0.37 mCap for every USD1.00 TVL).

The following 3 projects have below average ratios at 2

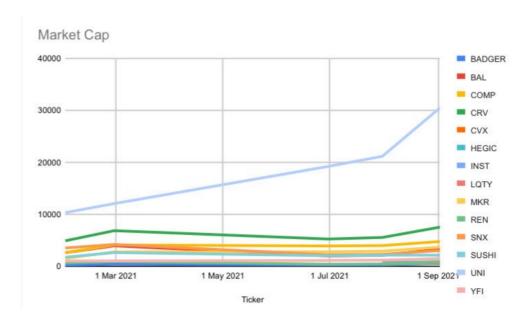
	A	В	С	D	E	F	G	н	1	J
1	Date ▼	Token T	Ticker =	TVL \$m	MCap \$m ▼	MCap \$m (Fully Diluted) =	MCap/ TVL Ratio ▽	MCap/TVL Ratio (Fully Diluted) =	Rank (Higher better) =	Include (Y/
40	31 Jul 2021	Compound	COMP	8931	2141	3965	0.24	0.44	8	Y
42	31 Jul 2021	Curve	CRV	9759	592	5528	0.06	0.57	7	Y
45	31 Jul 2021	Bagder	BADGER	580	112	253	0.19	0.44	9	Y
46	31 Jul 2021	Balancer	BAL	2695	227	2101	0.08	0.78	4	Y
53	31 Jul 2021	TOTAL		69732	25851		0.37	0.70		No
56	2 Sep 2021	Compound	COMP	12523	2563	4746	0.20	0.38	10	Y
58	2 Sep 2021	Curve	CRV	13653	915	7514	0.07	0.55	8	Y
61	2 Sep 2021	Bagder	BADGER	772	260	576	0.34	0.75	6	Y
62	2 Sep 2021	Balancer	BAL	3418	355	3288	0.10	0.96	4	Y
69	2 Sep 2021	TOTAL		94647.997	35133.841		0.37	0.71		No
70										
71	Notes									
72	Data: https://www.coingecko.com/									
73	** available Dex									
74	Average 0.37 - means there is \$0.37 market cap per \$1.0 total value locked									
75	Less than the average suggest value									
76	This is not advice, do your own research									
77										

Sep and we've included the data from July end as reference: \$CRV, \$COMP and \$BAL.

Suggest these are relatively cheap compared to their peers. Notice the repricing that occurred for \$BADGER last month.

While performing the Mcap vs TVL ratio analysis, I graphed the market cap data for my data set. Very interesting observation on \$UNI compared to the others.

Market Cap observation (UNI)



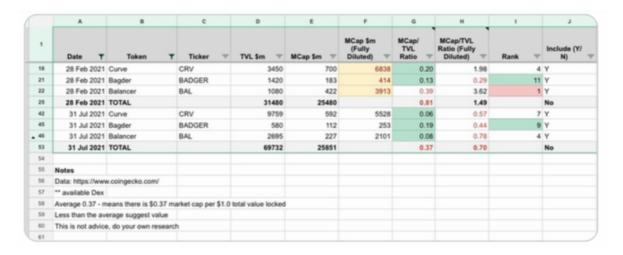
Mcap vs TVL Analysis (data as at 31st July)

1st Aug 2021

July month end Mcap vs TVL ratio analysis complete. Our 15 selected projects average is 0.37 (USD0.37 mCap for every USD1.00 TVL). At end of Feb our top 11 projects averaged 0.81.

The following 3 projects have below average ratios at July end and we've included the data from Feb end as reference: \$BADGER, \$CRV and \$BAL.

Suggest these are relatively cheap compared to their peers.



The Bitcoin lottery or hedge (Part 2)

2nd Sep 2021

This is a follow on article, I'd highly recommend that you first read - <u>How do the top 1% stay</u> in the top 1%?

In that article, to summarise, we cover:

- high-level Credit Suisse global wealth report numbers
- pyramid of 4 global wealth categories
- how the top top category, 1.1% of the population controls 45.8% of the global wealth and top 2 combined 12.2% of the population controls a staggering 84.9% of all the global wealth
- how the top 1% stay in the top 1% they hedge for all outcomes
- how many oz of gold are required to remain in the top 1% should we go back to a gold like or sound money standard when our fiat systems fail (why because they always do fail in the end)

If you missed it - the magic number is 140z of gold (per adult) to stay in the top 1%.

This got me thinking about Bitcoin, which is often compared to gold as a store of value type asset and I'm sure you will see from previous blogs, post and tweets - both are equally important as a hedge against:

- money printing (or what ever you want to call it same outcome)
- inflation targeting (policies designed to destroy your wealth over a short period of time)
- negative yielding bonds (more theft and logically it is nonsensical no sane person would ever lend money to others and pay them interest too).

So the question I'm going to try and answer here is how many bitcoin (BTC) would you need to stay in (or join) the top 1%?

Obviously the assumption is that neither fiat money or a gold standard survive and we move to a pure bitcoin standard where all the world's wealth is backed by BTC.

This article is not about getting the exact mix of fiat, gold and bitcoin - its more about what the 100% BTC hedge would look like. At some point in the future, I will do a part 3 to this series with some calculations based on different probabilities i.e. 50/50 mix of gold and BTC or a 33% mix of Fiat, Gold and BTC.

When it comes to gold this is a moving target as more gold is mined each year, however the amounts we are talking about would not be material and when performing the same calculations for BTC, there are important points to factor in:

- not all 21 million coins are available at present (i.e. not all have been mined)
- and some are lost forever (approx 3.7 million) more of this here if you are interested

So with this in mind we have done the calculations based on 17.3m Bitcoin in total. If you take all the adults in the world (5.23 billion), that comes to only 0.0033 BTC available per adult. If you divide the total world's wealth (\$418 trillion) by 17.3m BTC - that a staggering \$24.16million per coin.

To either stay or join the top 1% you will need to own 0.0414 Bitcoin (per adult)

At todays price (~\$33.4k) thats about \$1383 (1164 Euro or £995) worth of BTC per adult to hedge yourself against FIAT. Put differently, you could see it as a lottery ticket to join the world's elite. The question for you is if you think its worth taking the hedge or ticket for 0.0414 BTC - I know what I'd do.

Check out our strategy

https://www.momentum-analytics.io/rational-active-allocation-index

To ensure you never miss our blogs, follow us on twitter @m_analytics_io and feel free to forward this email/pdf to your friends and family who can subscribe to our newsletter

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A look into the future of fund management

https://www.momentum-analytics.io/momentum-analyticsio-defi

Imagine buying BTC below \$200, investing in ETH at startup, mining crypto 5 years ago, investing in Coinbase pre listing and setting up a crypto fund in 2019 before the \$65k run up. These are only a few of our achievements to date, but here's another bold prediction:

"Our DeFi product will be the fund management norm in the future"

For more information and links to our fund on the ETH block-explorer, select the button below:

Momentum-Analytics.io - DeFi

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