

## Memo to Central Banks: You're debasing more than our currency

#### John Mauldin | October 26, 2012

I can only pass on Societe Generale's work to you once in a while, but the piece for today's Outside the Box is important enough that its author, Dylan Grice, worked hard to convince his bosses to let me share it with you. Dylan is one of my favorite investments analysts, as well as just an all-around nice guy.

In a change from his usual fun-loving demeanor, Dylan issues a serious warning here.

I am more worried than I have ever been about the clouds gathering today (which may be the most wonderful contrary indicator you could hope for...). I hope they pass without breaking, but I fear the defining feature of coming decades will be a Great Disorder of the sort which has defined past epochs and scarred whole generations....

So I keep wondering to myself, do our money-printing central banks and their cheerleaders understand the full consequences of the monetary debasement they continue to engineer?

He runs through some of the Great Debasements of the past, starting with third-century Rome, running through Europe's medieval inflations and the French Revolution, to the monetary horror story of Weimar Germany in the 1920s.

His key point is that inflations and hyperinflations don't just hurt money, they hurt people and the societies they live in. Inflating money is less trustworthy money, and so people doing business trust each other less. Plus, those who are farthest from the source of artificially created money suffer the most (the "Cantillon effect").

And now the social debasement is clear for all to see. The 99% blame the 1%, the 1% blame the 47%, the private sector blames the public sector, the public sector returns the sentiment ... the young blame the old, everyone blame the rich ... yet few question the ideas behind government or central banks ...

I'd feel a whole lot better if central banks stopped playing games with money....

All I see is more of the same – more money debasement, more unintended consequences and more social disorder. Since I worry that it will be Great Disorder, I remain very bullish on safe havens.

In just 10 days we will see how the US elections turn out. Depending on what happens after, the US will either remain as one of those safe havens (and perhaps become even more of one) or those of us who reside here will need to start thinking more globally. I know a lot of thoughtful people who are already

contemplating (if not acting on) plans to make sure their life savings maintain their buying power through the coming decade. I remain optimistic that we will set ourselves on a course that ends in a safe harbor, although the sailing will be quite volatile. What Dylan describes are the unintended consequences of people who think they understand macroeconomics and who are well-intentioned but whose policies can be most disruptive.

Sunday night I head for South America. I always enjoy traveling there, and I am interested to see what I can learn, both about how Brazil, Uruguay, and Argentina are doing and what they are thinking when they look north. I really do find that I learn much more than I impart on these trips.

Election night will find me in a bar drinking non-alcoholic beer in Cafayete in the far north of Argentina, where the California polls won't close till almost midnight. It might be a long night. Maybe I can set up a twitter account from there. Might be fun. There will be lots of friends on hand to share the times and commentary. I will be back in Texas that Sunday to write my letter, and I'll be thinking about how the results will impact all of us everywhere.

Have a great weekend. And I am off to cast my absentee ballot! You make sure to vote too!

Your wishing I was in Illinois so I could vote several times analyst,

dr.7 Marthi

John Mauldin, Editor Outside the Box

## **Popular Delusions**

*Memo to Central Banks: You're debasing more than our currency* 

By Dylan Grice, Societe Generale

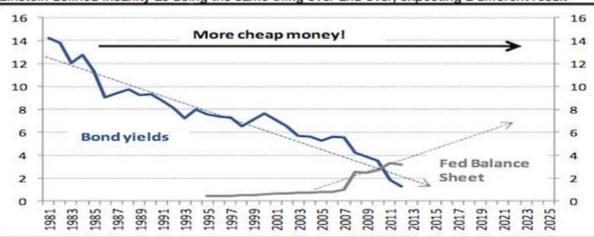
At its most fundamental level, economic activity is no more than an exchange between strangers. It depends, therefore, on a degree of trust between strangers. Since money is the agent of exchange, it is the agent of trust. Debasing money therefore debases trust. History is replete with Great Disorders in which social cohesion has been undermined by currency debasements. The multi-decade credit inflation can now be seen to have had similarly corrosive effects. Yet central banks continue down the same route. The writing is on the wall. Further debasement of money will cause further debasement of society. I fear a *Great Disorder*.

I am more worried than I have ever been about the clouds gathering today (which may be the most

wonderful contrary indicator you could hope for...). I hope they pass without breaking, but I fear the defining feature of coming decades will be a Great Disorder of the sort which has defined past epochs and scarred whole generations.

"Next to language, money is the most important medium through which modern societies communicate" writes Bernd Widdig in his masterful analysis of Germany's inflation crisis "Culture and Inflation in Weimar Germany." His may be an abstract observation, but it has the commendable merit of being true ... all economic activity requires the cooperation of strangers and therefore, a degree of trust between cooperating strangers. Since money is the agent of such mutual trust, debasing money implies debasing the trust upon which social cohesion rests.

So I keep wondering to myself, do our money-printing central banks and their cheerleaders understand the *full* consequences of the monetary debasement they continue to engineer? Inflation of the CPI might be a consequence both seen and measurable. A broad inflation of asset prices might be a consequence seen, though not measurable. But what about the consequences that are unseen but unmeasurable – and are all the more destructive for it? I feel queasy about the enthusiasm with which our wise economists play games with something about which we have such a poor understanding.



Einstein defined insanity as doing the same thing over and over, expecting a different result

Source: SG Cross Asset Research

If you take a look around you, any artefact you see will only be there thanks to the cooperative behaviour of lots of people you don't know. You will probably never know them, nor they you. The screen you watch on your terminal, the content you read, the orders which make the prices flicker ... the coffee you drink, the cup you hold, the bin you throw it in afterwards ... all your clothes, all your accessories, all the buildings you've been in, all the cars ... you get the idea. *Without exception* everything you own, everything you want to own, everything you need, and everything you think you need embodies the different skills and talents of a mind-boggling number of complete strangers. In a very real sense we constantly trust in strangers to a degree, as strangers trust us. Such cooperative activity is to everyone's great benefit and I find it is a marvellous thing to behold.

The value strangers put on each other's contributions manifests itself in prices, and prices require money. So it is through money that we express the extent of our appreciation for the many different talents embedded in each thing we consume, and through money that our skills are in turn valued by others. Money, in other words, is the agent of this anonymous exchange, and therefore money is also the agent of the hidden trust on which it depends. Thus, as Bernd Widdig reflects in his book (which I urge you all to read), money ...

"... is more than simply a tool for economic exchange; its different qualities shape the way modern people think, how they make sense of their reality, how they communicate, and ultimately how they find their place and identity in a modern environment."

Debasing money might be expected to have effects beyond the merely financial domain. Of course, there are many ways to debase money. Coin can be clipped, paper money can be printed, credit can be created on the basis of demand deposits which aren't there ... the effects are ultimately the same though: the implied trust that money communicates through society is eroded.

To see how, consider the example of money printing by authorities. We know that such an exercise raises revenues since the authorities now have a very real increase in purchasing power. But we also know that revenue cannot be raised by one party without another party paying. So who pays?

If the authorities raise taxes explicitly and openly, voters know exactly why they have less spending power. They also know how much less spending power they have. But if the authorities instead raise money by simply printing it, they raise the revenue by stealth. No one knows upon whom the burden falls. People notice only that they can't afford the things they used to be able to afford, or they can't afford the things which everyone else can afford. They know that something is wrong, but they just don't know what, why, or who is to blame. So inevitably they look for someone to blame.

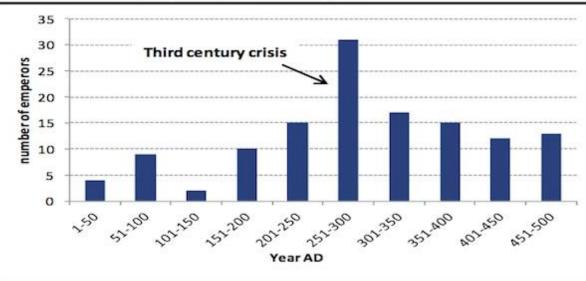
The dynamic is similar to that found in the well-worn plot line in which a group of strangers are initially brought together in happier circumstances, such as a cruise, a long train journey or a weekend away. In the beginning, spirits are high. The strangers exchange jokes and get to know one another as the journey begins. Then some crime is committed. They know it must be one of them, but they don't know who. A great suspicion ensues. All trust between them is broken down and the infighting begins....

So it is with monetary debasement, as Keynes understood deeply (so deeply, in fact, that it's ironic so many of today's crude Keynesians support QE so enthusiastically). In 1921 he said:

"By a continuing process of inflation, Governments can confiscate, **secretly and unobserved**, an important part of the wealth of their citizens. By this method they not only confiscate, but they confiscate **arbitrarily**; and, while the process impoverishes many, it actually enriches some .... Those to whom the system brings windfalls .... become "profiteers" who are the object of the hatred ... the process of wealth-getting degenerates into a gamble and a lottery .. Lenin was certainly right. There is no subtler, no surer means of overturning the existing basis of society than to debauch the currency. The process engages all **the hidden forces of economic law** on the side of

destruction, and does it in a manner which not one man in a million is able to diagnose."

History is replete with Great Disorders in which currency debasement has coincided with social infighting and scapegoating. I have written in the past about the Roman inflation of the Third Century AD. The following chart shows the rapid turnover of emperors during what is known as the Third Century Crisis. As trade declined, crops failed and the military suffered what must have seemed like constant defeat, it wasn't difficult for a successful or even popular general to convince the rest of the empire that he'd make a better fist of governing.



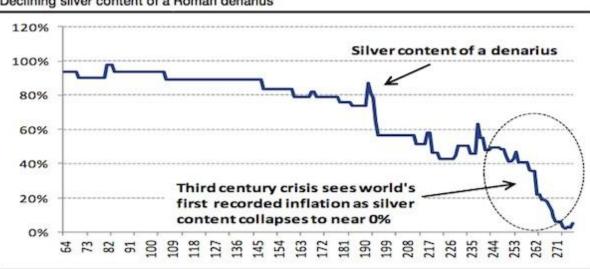
#### Turnover of Roman Emperors during the Third Century Crisis

Source: SG Cross Asset Research

But this political turnover was accompanied by what may be history's first recorded instance of systematic currency debasement. With the empire no longer expanding and barbarians being forced westwards by the migrations of the Steppe peoples, Rome's borders were under threat. But the money required to fund defence wasn't there. Successive emperors therefore reached the same conclusions that kings, princes, tyrants and democratically elected governments would later reach down the ages when faced with a perceived "shortage of money": they created more by debasing the existing stock. In the second half of the third century, the silver content of a denarius had shrunk to zero. Copper coins disappeared altogether.

This debasement of currency also coincided with a debasement of society. Factions grew more suspicious of one another. Communities fragmented. And one part of the community bore the brunt of the fears: Christians. While Rome had always welcomed new religions and Gods, incorporating new foreign deities as their empire grew, Christians were altogether different. They rejected Rome's gods. They refused to pray to them. They said that only their God was deserving of worship. The rest of the Romans concluded

that this obstinacy must be a source of great anger for their own ancient Roman gods, and supposed that those gods must now be exacting their own great punishment in return.

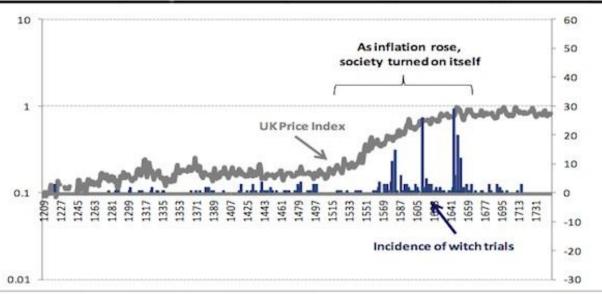


Declining silver content of a Roman denarius

Source: http://www.tulane.edu/~august/handouts/601cprin.htm

So the Romans turned on their Christians with a great violence which lasted throughout the period of the currency debasement but peaked with Diocletian's edict of 303 AD. The edict decreed, among other things, that Christian meeting places be destroyed, Christians holding office be stripped of that office, Christian freedmen be made slaves once more and all scriptures be destroyed. Diocletian's earlier edict, of 301 AD, sought to regulate prices and set out punishments for 'profiteers' whose prices deviated from those set out in the edict.

A similar dynamic seems evident during Europe's medieval inflations, only now, the confused and vain effort to make sense of the enveloping turmoil saw the blame focus on suspected witches. The following chart shows the UK price index over the period with the incidence of witchcraft trials. Note the peak in trials coinciding with the peak of the price revolution.

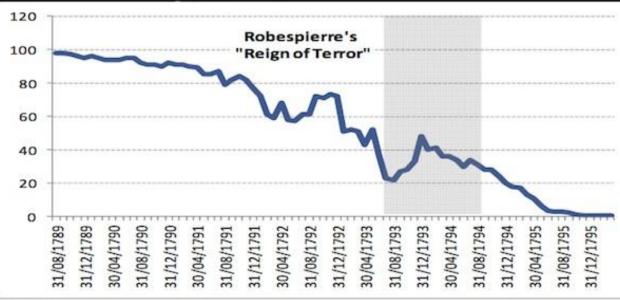


British witch trials peaked with the medieval price revolution (price index in logs)

Were the same dynamics at work during the French Revolution of 1789? The narrative of Madame Guillotine and her bloody role is well known. However, the execution of royalty by the Paris Commune didn't begin until 1792, and the Reign of Terror in which Robespierre's Orwellian sounding "Committee of Public Safety" slaughtered 17,000 nobles and counter-revolutionaries didn't start until well into 1793. In the words of guillotined revolutionary Georges Danton, this is when the French revolution "ate itself". But the coincidence of these events to the monetary debasement is striking.

The political violence was justified in part by blaming nobles and counter-revolutionaries for galloping inflation in food prices. It saw 'speculators' banned from trading gold, and prices for firewood, coal and grain became subject to strict controls. According to Andrew Dickson White, author of "Fiat Money Inflation in France", (echoing Keynes' remark that *"wealth-getting degenerates into a gamble and a lottery"*) "economic calculation gave way to feverish speculation across the country."

Source: GFD, http://www.personal.utulsa.edu/~marc-carlson/witchtrial/eis.html



Conversion rate of francs of gold per assignat note

Source: GFD

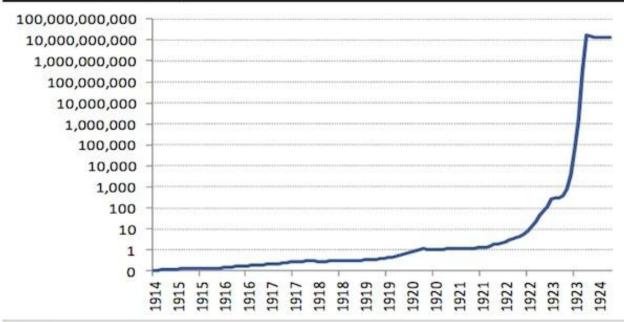
However, the most tragic of all the inflations in my opinion, and certainly the starkest example of a society turning on itself was the German hyperinflation. Its causes are well known. Morally and financially bankrupt by the First World War, the reparation demands of the Allies (which Keynes argued vociferously against) followed by the French occupation of the Ruhr served to humiliate a once-mighty nation, already on its knees.

And it really was on its knees. Germany simply had no way to pay. The revolution following the flight of the Kaiser was incomplete. Concern was widespread that Germany would follow the path blazed by Moscow's Bolsheviks only a year earlier. A *de facto* civil war was being fought on the streets of major cities between extremist mobs of the left and right. Six million veterans newly demobilized, demoralized, dazed and without work were unable to support their families ... the great political need was to pay off the "internal debts" of pensions, life insurance and welfare support in any way possible. The risk of printing whatever was required was well understood. Bernhard Dernberg, vice chancellor in 1919, found himself overwhelmed with promises to pay for the war disabled, food subsidies, unemployment insurance, etc., but everyone knew where the money was coming from:

"A decision of the National Assembly is made. On its basis, Reich Treasury bills are printed and on the basis of the Reich Treasury bills, notes are printed. That is our money. The result is that we have a pure assignat economy."

But print they did. Prices would rise by a factor of one trillion. At the end of the war, Germany owed 154bn Reichmarks to its creditors. By November 1923, that sum measured in 1914 purchasing power was worth only 15 pfennigs.





Source: GFD

It is difficult to comprehend the psychological trauma inflicted by this episode. Inflation inverted the efficacy of correct behaviour. It turned the ethics of thrift, frugality and notions such as working hard today to bring benefit tomorrow completely on their heads. Why work today when your rewards would mean nothing tomorrow? What use thrift and saving? Why not just borrow in depreciating currency? Those who had worked and saved all their lives, done everything correctly and invested what they had been told was safe, were mercilessly punished for their trust in established principles, and their inability to see the danger coming. Those with no such faith who had seen the danger coming had benefited handsomely.

Everything, in other words, was dependent on one's ability to speculate, recalling what Dickson White observed of the French Revolution and Keynes reflections more generally. Erich Remarque is best known for his anti-war novel *"All Quiet on the Western Front"* but perhaps his best work was the *"The Black Obelisk"* set in the early Weimar period, and a penetrating meditation on the upside-down world of inflation. The protagonist Georg poignantly captures this speculative imperative when he sits down and lets out a long sigh:

# "Thank God that it's Sunday tomorrow ... there are no rates of exchange for the dollar. Inflation stops for one day of the week. That was surely not God's intention when he created Sunday."

Perhaps the most eloquent chronicler of the Weimar hyperinflation was Elias Canetti, whose mother moved him from the security of Zurich to Frankfurt in 1921 to take advantage of cheaper living. Canetti never forgave her, and his life's work shows what a lasting impression the move from heaven to hell made:

"A man who has been accustomed to rely on (the monetary value of the mark) cannot help feeling its degradation as his own. He has identified himself with it for too long, and his confidence in it has been like his confidence in himself ... Whatever he is or was, like the million he always wanted, he becomes nothing"

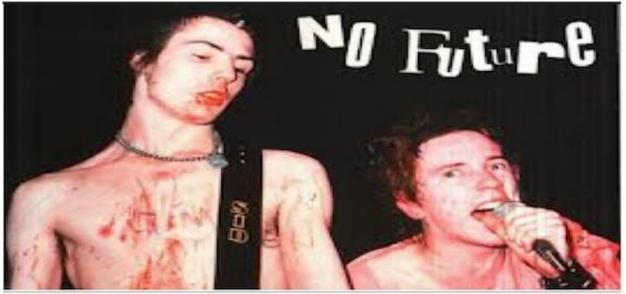
More tragic still was what German society became during the inflation. Like other Axis countries on the wrong side of the War and now in the grip of hyperinflation, Germany turned viciously on its Jews. It blamed them for the surrounding evil as Romans had blamed Christians, medieval Europeans had suspected witches, and French revolutionaries had blamed the nobility during previous inflations. In his classic "Crowds and Power", Canetti attributed the horror of National Socialism directly to a "morbid re-enaction impulse".

"No one ever forgets a sudden depreciation of himself, for it is too painful ... The natural tendency afterwards is to find something which is worth even less than oneself, which one can despise as one was despised oneself. It is not enough to take over an old contempt and to maintain it at the same level. What is wanted is a dynamic process of humiliation Something must be treated in such a way that it becomes worth less and less, as the unit of money did during the inflation. And this process must be continued until its object is reduced to a state of utter worthlessness. ... In its treatment of the Jews, National Socialism repeated the process of inflation with great precision. First they were attacked as wicked and dangerous., as enemies; then, there not being enough in Germany itself, those in the conquered territories were gathered in; and finally they were treated literally as vermin, to be destroyed with impunity by the million.

All this is very disturbing stuff, but testament to a relationship between currency devaluation and social devaluation. Mine is not a complete or in any way rigorous analysis, I know. I emphasize that it's not in any way meant as some sort of crude mapping on to today's environment. My point is to show that money operates in many social domains beyond the financial, and that tying currency devaluation to social devaluation might have some merit.

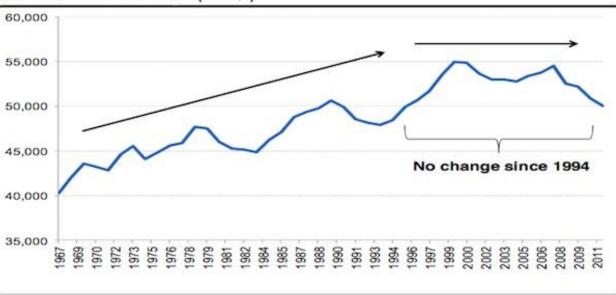
Consider some recent and less extreme currency inflations. The 1970s bear market in equities saw relatively mild inflation which was also characterized by relatively mild but nevertheless real factionalization of society. An ideological left vs right battle played out between labour and capital, unions and non-unions and perhaps most bizarrely, between <u>rock and disco</u>. As already stated, money implies a trust in the future. It implies that today's money can be used in the future. So in the era of punk, did the Sex Pistols provide the most concise commentary of the malaise?

Never mind the bollocks ... here's the Sex Pistols



Source: Google Images

Which brings us to today. Despite the CPI inflation of the 1970s receding, our central banks have continued to play games with money. We've since lived through what might be the largest credit inflation in financial history, a credit hyperinflation. Where has it left us? Median US household incomes have been *stagnant* for the best part of twenty years (chart below)



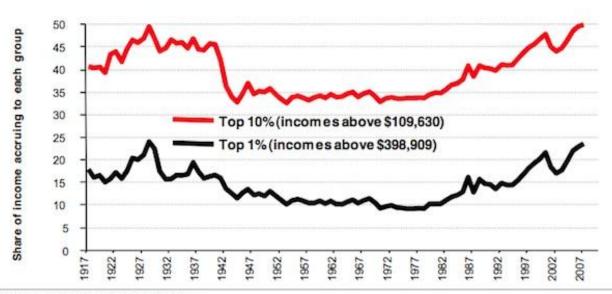
US median household income (2011 \$s)

Source: Bloomberg

Yet inequality has surged. While a record number of Americans are on food stamps, the top 1% of income earners are taking a larger share of total income than since the peak of the 1920s credit inflation.

Moreover, the growth in that share has coincided almost exactly with the more recent credit inflation.

These phenomena are inflation's hallmarks. In the Keynes quote above, he alludes to the "artificial and iniquitous redistribution of wealth" inflation imposes on society without being specific. What actually happens is that artificially created money redistributes wealth towards those closest to it, to the detriment of those furthest away.



#### Income distribution in the US

Source: Emmanuel Saez, University of California

Richard Cantillon (writing decades before Adam Smith) was the first to observe this effect (hence "Cantillon effect"). He showed how those closest to the money source benefited unfairly at the expense of others, by thinking through the effects in Spain and Portugal of the influx of gold from the new world as follows:

"If the increase of actual money comes from mines of gold or silver ... the owner of these mines, the adventurers, the smelters, refiners, and all the other workers will increase their expenditures in proportion to their gains. . . . All this increase of expenditures in meat, wine, wool, etc. diminishes of necessity the share of the other inhabitants of the state who do not participate at first in the wealth of the mines in question. The altercations of the market, or the demand for meat, wine, wool, etc. being more intense than usual, will not fail to raise their prices ... Those then who will suffer from this dearness ... will be first of all the landowners, during the term of their leases, then their domestic servants and all the workmen or fixed wage-earners ... All these must diminish their expenditure in proportion to the new consumption ...

(Quoted in Mark Thornton, "Cantillon on the Cause of the Business Cycle" Quarterly Journal of Austrian Economics Vol 9, No 3 [Fall 2006])

In other words, the beneficiaries of newly created money spend that money and bid up the price of goods with their higher demand. Those who suffer are those who have to pay newly higher prices but did not benefit from the newly created money.

The credit inflation analog to the Cantillon effect has played out perfectly in recent decades. Central banks provided cheap money to banks, the cheap money artificially inflated asset prices, artificially inflated asset prices made anyone connected to those assets rich as we became a nation of speculators, those riches were achieved at everyone else's expense, and 'everyone else' has now realized what has happened and is understandable enraged ... as Keynes explained, "*Those to whom the system brings windfalls .... are the object of the hatred*.

And now the social debasement is clear for all to see. The 99% blame the 1%, the 1% blame the 47%, the private sector blames the public sector, the public sector returns the sentiment ... the young blame the old, everyone blame the rich ... yet few question the ideas behind government or central banks ...



"Those to whom the system brings windfalls become the object of hatred"

Source: Google Images

I'd feel a whole lot better if central banks stopped playing games with money. But I can't see that happening anytime soon. The ECB has thrown the towel in, following the SNB last year in committing effectively to print unlimited amounts of money for the greater good. The BoE and the Fed have long since made a virtue of what was once considered a necessity, with what was once the unconventional conventional. As James Bullard told everyone a few weeks before the last Fed meeting, lest there be any doubt:

"Markets have this idea that, there's QE1 and QE2, so QE3 must be the same as those previous ones. It's not that clear to me that this is the way this is going ... it would just be to do balance sheet policy as the exact analogue of interest rate policy."

In other words, the central banks' balance sheets are the new policy tool. As interest rates embarked on a multi-year decline from the 1980s on, central bank balance sheets are set to embark on a multi-year climb ...



Balance sheet policy as the exact analog of interest rate policy

Source: Bloomberg, SG Cross Asset Research

So as Nobel Prize winning experts in economics <u>punch the air</u> because inflation expectations have been rising since the policy was announced, *"It's the whole point of the exercise"* (Duh!) the BoE <u>admits</u> that QE has mainly benefited the rich, but vows to continue anyway.

All I see is more of the same - more money debasement, more unintended consequences and more social disorder. Since I worry that it will be Great Disorder, I remain very bullish on safe havens. The next few issues of Popular Delusions will outline some thoughts on what exactly that means.

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