



# Gold as Deflation Fighter ? Its Past, Present, and Future

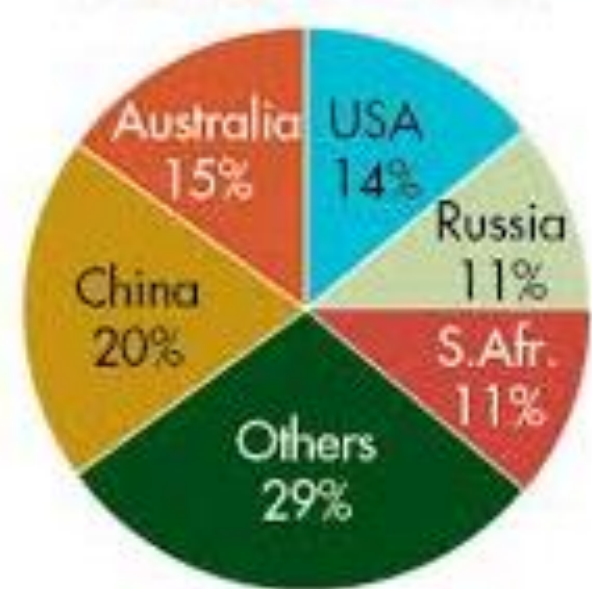
Gew-rae Kim, Ph.D.

Department of Finance, Ernest Trefz School of Business  
University of Bridgeport, Bridgeport, CT

## Abstract

Current super-low interest rates and massive money supply in US and Europe may cause inflation in the future. Historically, gold has been used as a hedge against inflation. During the run up in to its peak price in 1980, gold was chasing the inflation rate as investors feared that their purchasing power was going to be destroyed by runaway prices. What they didn't realize was that the inflation rate had already peaked above 13% at least a year prior to gold and it continued to fall until 1986 where it has remained in a corridor between 0% and 6% ever since

Gold's Diverse Origins  
World's Top Gold Producers\*



## Gold Investment

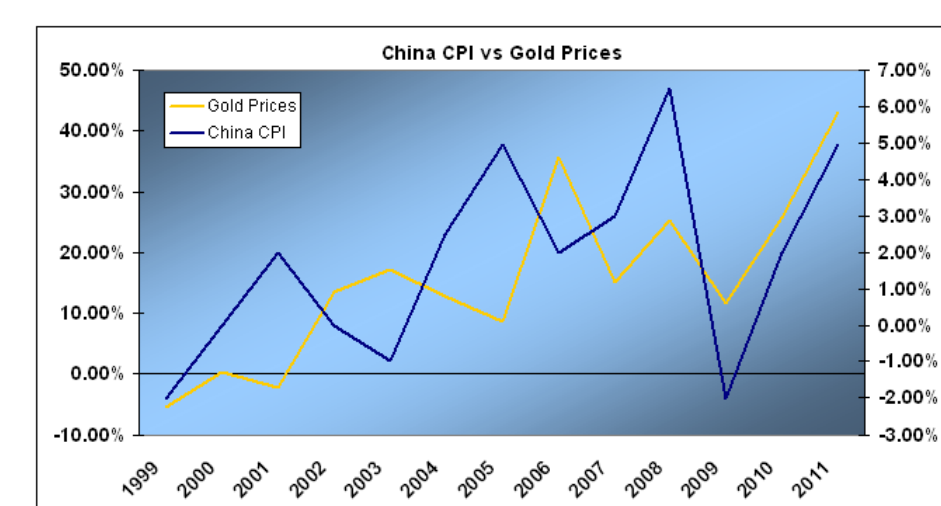
Gold is also a reflection of the overall faith (or lack thereof) in the economic and political system. Issues such as the European debt crisis, the Gulf oil spill, persistent joblessness, a housing crash hangover, etc. have created a sense that the problems we face are too big and might lead to widespread economic collapse. Currencies will tumble in value in a collapse scenario, so the hedge with gold is that you will have protected your ability to trade for goods and services through the relative stability of its value. That, in effect, is the bet that is being made by those who are pushing gold up into stratospheric territory. The gold bet in 1980 didn't break even for another twenty five years (even longer when adjusted for inflation), it will be interesting to see how well today's gold bet plays out.

Gold prices have soared nearly every year during a period of stagnant economic growth in the USA that has generally been characterized by low inflation (the low inflation is easily confirmed by dozens of other independent variables including wages, bond yields, ISM price index data, ECRI Future Inflation Gauge, etc)

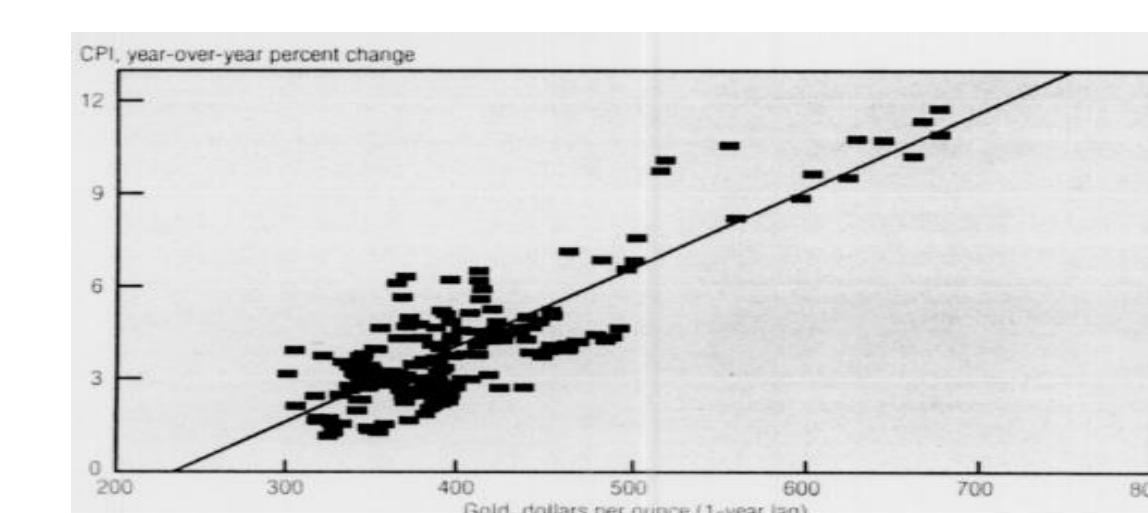
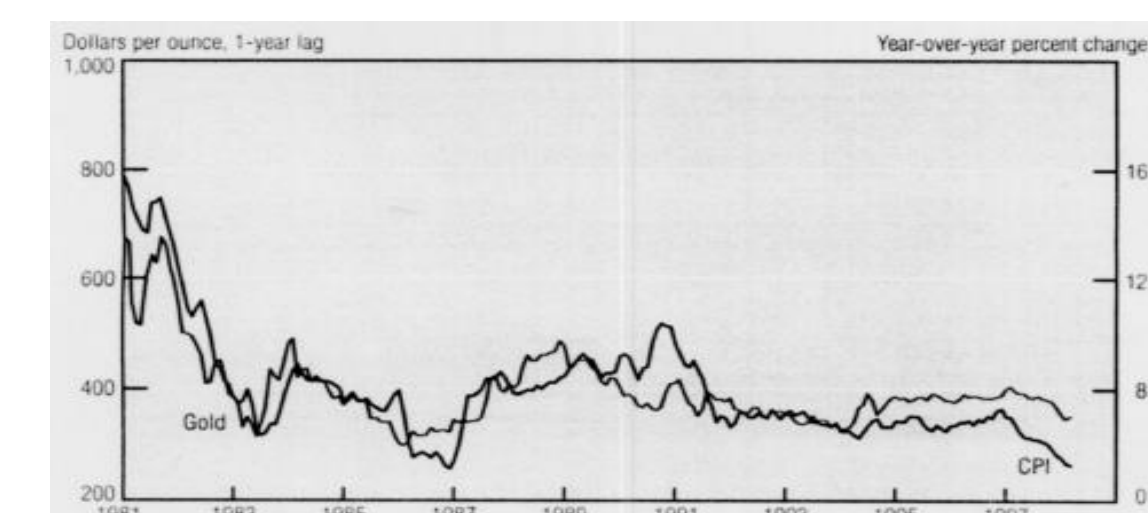
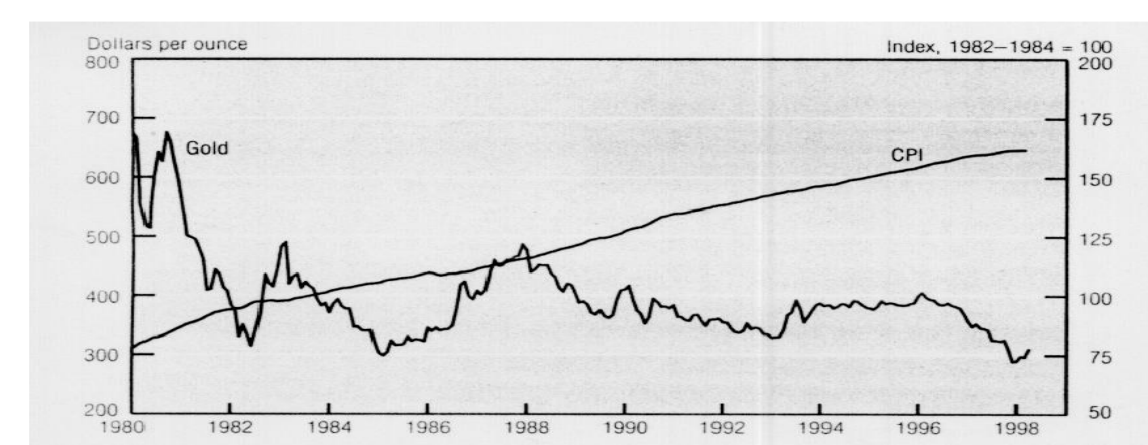
## Gold & Inflation in China

China's economy has roared to life over the last 10 years. Their government has increased the money supply at a 17% annualized rate as they try to sustain growth. Their inflation concerns are well documented.

Figure shows the correlation between China's CPI and gold prices over this period. As you can see, it tells a dramatically different story than the US CPI data does:

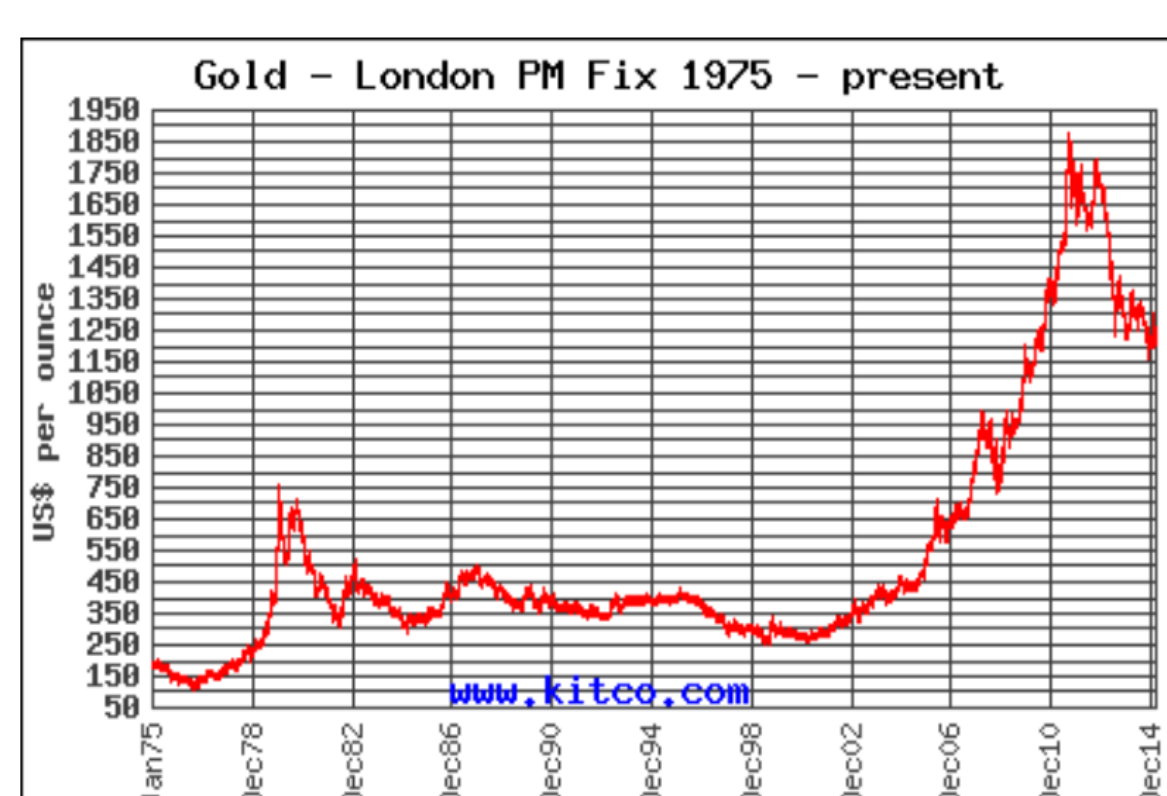


## Gold & Inflation in USA

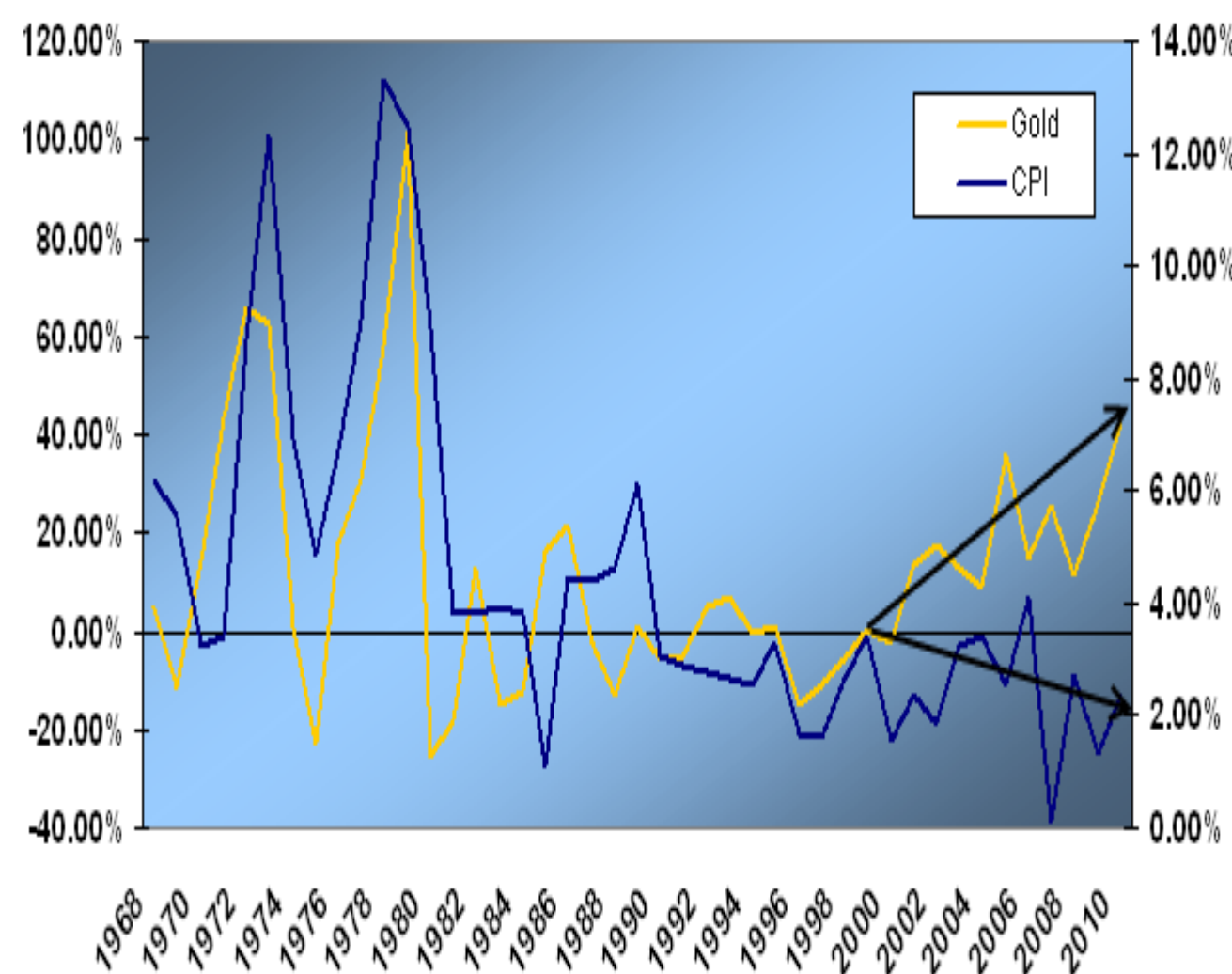


## Gold as Deflation Fighter

Gold's average annual return (using average monthly price) from 1980 through 1986 as it followed the inflation rate down is a negative 10%; from 1980 to 2005 it is a negative 2%. Meanwhile, gold didn't hit its average monthly high again until over twenty five years later when it began its recent bull run in 2006. Since 2006, gold has averaged a return of over 17% per year. However, inflation has hardly been out of control during this time and, in fact, the prevailing fears currently facing the markets are those of deflation. So how is it that a commodity that has a history of being used as protection against inflation is suddenly a haven in a deflationary environment?



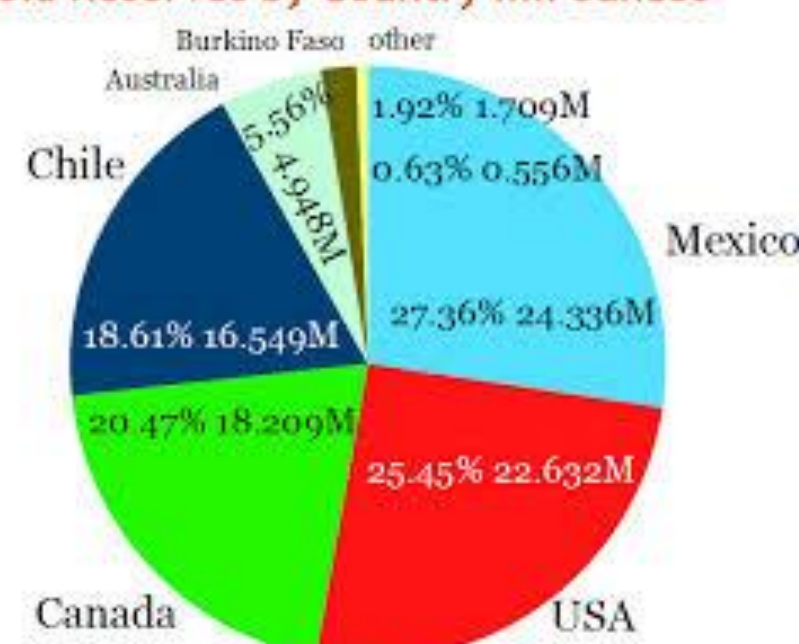
USA CPI vs Gold Prices



## Finite Gold Supply

There are a finite amount of gold. Gold has been mined since at least 3,000 B.C., all the gold ever mined would form a cube with sides of only 19 meters. The cube would weigh approximately 140,000 metric tons.

Gold Reserves by Country mil ounces



## CONCLUSION

From the above 3 figures,

1. Gold is NOT a good Long-term Investment.
2. But change in Gold price is highly correlated with the change in Inflation.
3. The higher the inflation changes the higher the Gold price.

The US government and "central planning" or "money printing" as the primary cause of the surge in the price of gold and justification of their USA hyperinflation theory, "money printing"..