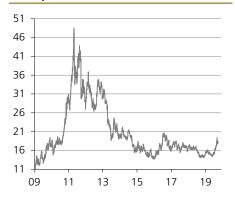
26 September 2019

Economics · Finance · Precious Metals

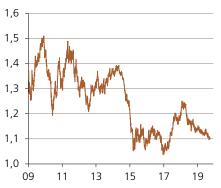
USD per ounce of gold



USD per ounce of silver



EURUSD



Source: Thomson Financial; graphs by Degussa.

OUR TOP ISSUES



This is a short summary of our fortnightly **Degussa Marktreport**.

THE US DOLLAR BEAST

John Maynard Keynes (1883–1946) explains very well how to predict the winner of a beauty contest successfully. You must, he noted, think along the following lines: "(...) each competitor has to pick, not those faces which he himself finds prettiest, but those which he thinks likeliest to catch the fancy of the other competitors (...). It is not a case of choosing those which, to the best of use of one's judgement, are really the prettiest, nor even those which average opinion genuinely thinks the prettiest. We have to reach the third degree where we devote our intelligences to anticipating what average opinion expects the average opinion to be." 1

This is a perspective that those may wish to take into consideration who think the US dollar is about to collapse, would be the ugliest of all currencies. Latest data from the Bank of International Settlement (BIS) speaks a rather different language. In its 2019 Triennial Survey², the BIS informs us that daily trading in FX markets had reached 6.6 trillion US dollar per day in April 2019 – compared to 5.1 trillion US dollar three years earlier – and that the US dollar remained the single-most important currency in the FX markets, being on one side of 88% of all the trades. For comparison: the euro was on one side of 32% of all trades, the Japanese yen of 17%, and the Chinese renminbi of just 4.3%.

And if anything, the importance of the US dollar in FX markets has gone up in recent years, not down. So why is the US dollar so increasingly popular? Well, the Greenback is the currency of the world's largest economy and unsurpassed military superpower – the United States of America. US financial markets are by far the largest, most transparent and most liquid in the world. Like it or not: the US dollar is the preferred currency for conducting international trade and financial transactions. Among its paper money peers, there is not one candidate in sight who might challenge the US dollar's status.

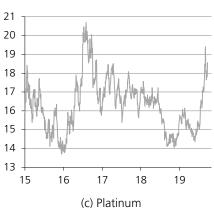
By no means less important is the fact that the US dollar serves as the 'underlying' of many other paper currencies: the US dollar typically represents the biggest chunk of 'assets' which central banks around the world keep for backing their own currencies - in most cases, foreign central banks hold US dollar-denominated US government bonds, short-term debt papers, and bank deposits. In other words: Monetary authorities around the world keep standing with the US dollar. In fact, their currencies' fate is tightly and inextricably linked to the Greenback.

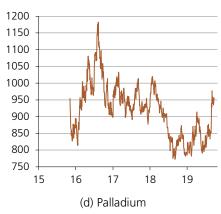
¹ Keynes, J. M. (1936), The General Theory of Employment, Interest, and Money, p. 156.

² See Bank for International Settlements, Triennial Central Bank Survey, Foreign exchange turnover in April 2019, 16 September 2019.

Precious metal prices (USD/oz) in the last 4 years







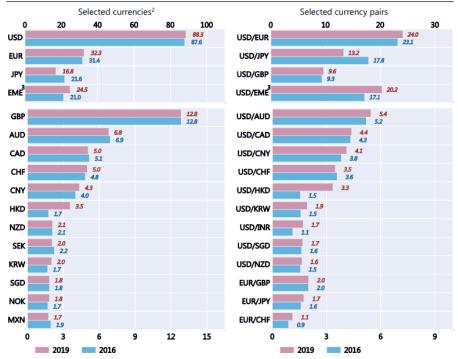


Source: Thomson Financial; graphs by Degussa.

Foreign exchange market turnover by currency and currency pairs¹

Net-net basis, daily averages in April, in per cent





¹ Adjusted for local and cross-border inter-dealer double-counting, ie "net-net" basis. ² As two currencies are involved in each transaction, the sum of shares in individual currencies will total 200%. ³ EME currencies.

Source: BIS Triennial Central Bank Survey. For additional data by currency and currency pairs, see Tables 2 and 3 on pages 10 and 11, respectively. See our <u>Statistics Explorer</u> for access to the full set of published data.

Should something terrible happen to the US currency, it is quite likely that many other currencies would get hit even harder. This is because financial markets, especially the international banking business, have become 'dollarized': banks around the world have a *structural demand* for US dollar as a funding source; they depend on the availability of US dollar, they need access to US dollar loan markets. As the financial and economic crisis in 2008/2009 has made all too clear, tensions in the US dollar credit markets had hit foreign borrowers at least as hard, or even harder, than US banks.

For if and when investors start losing their faith in the US dollar, their trust in other currencies, which depend on the Greenback, will dwindle even stronger. In a similar vein, any financial market 'stress' makes investors taking refuge in the US dollar, as the US money is widely considered as the 'safe haven' currency: in times of crisis, the US dollar is basically always in high demand relative to other currencies. Against this backdrop, it is fair to say that from the viewpoint of the majority of market agents, the US dollar can still be considered as the world's number one currency.

What a privilege for the US! America issues a currency which is accepted and is in high demand around the world. In this way the Americans can borrow easily from the savings of the rest of the world: They can consume and invest well beyond their own resources. Or, to take a different perspective: people around the world are more than happy to send their savings to the US rather than invest them in their home countries. This is undoubtedly one of the reasons why the US 'enjoys' a negative trade balance – meaning that the US imports more goods and services than it exports; in other words: capital imports into the US exceed capital exports out of the US.

This situation is unlikely to change anytime soon. The monetary system of the world is, no doubt about that, in pretty bad shape. After many decades of relentless credit expansion under the central bank regime, most economies suffer from over-indebtedness. As a result, central banks have started to bring down market interest rates, trying to fend off a crisis that could bring down the credit pyramid. To do so, they engage in debasing the currencies – for the policy of propping up the unbacked paper money goes hand in hand with expanding the quantity of money. And as the money stock rises, the prices of goods and services increase, and the purchasing power of money declines.³

Should the US embark upon a policy of heavily debasing the US dollar – as a reaction to, say, an economic or credit crisis –, it is likely that other currencies would be inflated even stronger. It is realistic to assume that the world's economy and international monetary system have become more than ever dependent on the US dollar – as suggested by, for instance, the BIS' latest data. An increasingly inflationary US dollar monetary policy would most likely be imitated by other central banks – as they are provided with a superb chance to debase their currencies to reduce the real value of outstanding debt in their countries while blaming the US for the unpleasant surge in price inflation.

To be sure: people around the globe are demanding US dollar not because they consider it the best currency they could think of. For them, it is the best currency they are allowed to choose from. New ideas such as, for instance, Facebook's Libra, even if it should gain traction among a great many people around the globe, do not suggest that the US dollar's super-status will be replaced: for the Libra is supposed to effectively represent nothing more than a basket of unbacked paper currencies, among them the US dollar. Of course, one could think of an emerging cryptocurrency posing a challenge to the current dominance of unbacked paper currencies including the Greenback.

However, any such change would take time, and, perhaps even more important, it would require a profound change in people's minds. In fact, to dethrone the US dollar, people would have to determinedly call for a truly *free market in money*, that is calling for an end of governments' money production monopolies altogether. In the absence of such a movement, the odds are that the world's dependence on the Greenback will not decline but presumably grow even further in the years to come. No doubt, the US dollar has become a huge and terrifying beast – a beast, however, that for its holder may eventually turn out to be of lesser evil when compared to the other unbacked paper currency beasts around the world.

This appears to be a reasonably good judgement if we follow Keynes' recommended technique for anticipating the winner of a beauty contest. To be sure: the US dollar won't be a reliable currency either, its purchasing power will undoubtedly be debased by the Fed's monetary policy. If you are looking for reliable money, there is pretty much only one candidate – and that is gold. Ludwig von Mises put this insight succinctly: "The gold standard is certainly not a perfect or ideal standard. There is no such thing as perfection in human things. But nobody is in a position to tell us how something more satisfactory could be put in place of the gold standard." The truth of this timeless wisdom deserves to be repeated again and again.

³ Or, to be more precise: The purchasing power of money will be lower when compared to a situation in which the quantity of money had remained unchanged.

⁴ Mises (1998), Human Action, p. 470.

Precious metals prices

In US-dollar

	Gold		Silver		Platinum		Palladium	
I. Actual	1526.3		18.4		950.0		1659.3	
II. Gliding averages								
5 days	1512.5		18.1		944.8		1632.6	
10 days	1507.3		18.0		945.3		1614.5	
20 days	1516.8		18.3		942.9		1573.8	
50 days	1489.2		17.4		889.5		1515.5	
100 days	1416.8		16.2		853.9		1472.4	
200 days	1356.0		15.8		844.7		1437.1	
III. Bandwidths for 2019	Low	High	Low	High	Low	High	Low	High
	1442	1842	16.3	26.3	863	997	1386	1654
(1)	-5	21	-12	43	-9	5	-16	0
IV. Annual averages								
2015	1260		19.1		1382		800	
2016	1163		15.7		1065		706	
2017	1242		17.0		985		617	
2018	1253		17.1		947		857	

In Euro

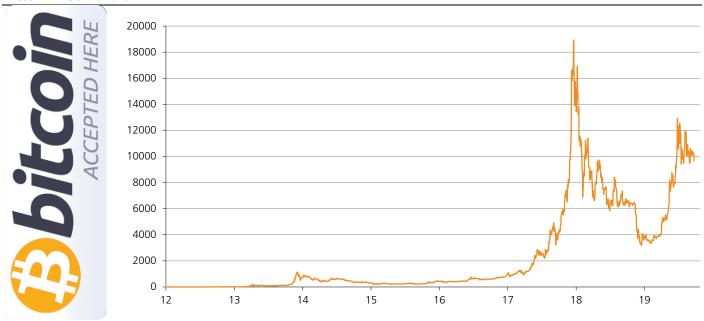
	Gold		Silver		Platinum		Palladium	
I. Actual	1389.4		16.8		864.8		1510.5	
II. Gliding averages					1			
5 days	1372.1		16.4		857.1		1481.0	
10 days	1366.9		16.4		857.2		1464.1	
20 days	1375.3		16.6		854.9		1427.0	
50 days	1341.7		15.7		801.5		1365.5	
100 days	1268.5		14.5		764.6		1318.1	
200 days	1206.0		14.0		751.2		1278.0	
III. Bandwidths for 2019	Low	High	Low	High	Low	High	Low	High
	1259.3	1608.3	14.2	23.0	753.4	870.7	1210.2	1444.0
(1)	-9	16	-15	37	-13	1	-20	-4
IV. Annual averages								
2015	945		14		1035		601	
2016	1044		14		955		633	
2017	1120		15		888		557	
2018	1116		15		844		760	

Source: Thomson Financial; calculations and estimates by Degussa.

 $^{^{(1)}}$ Estimated return against actual price in percent.

Bitcoin, performance of various asset classes

Bitcoin in US dollars

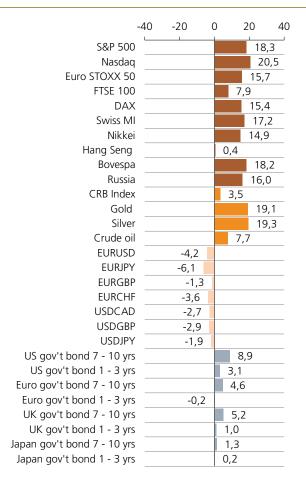


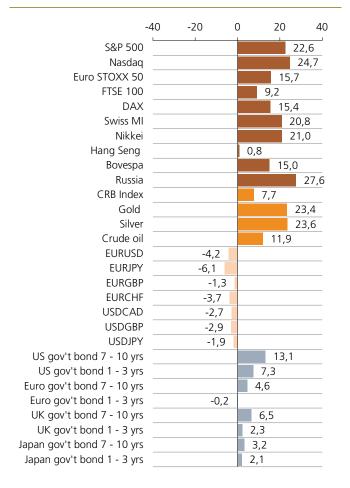
Source: Thomson Financial; graph by Degussa.

Performance of stocks, commodities, FX and bonds

(a) In national currencies

(b) In euro





Source: Thomson Financial; calculations by Degussa.



Articles in earlier issues of the Degussa Market Report

Issue	issues of the <i>Degussa Market Report</i> Content			
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29 August 2019	The Disaster of Negative Interest Rate Policy			
15 August 2019	The Gold Bull Market Is Back			
1 August 2019	Gold And Silver Prices – Get Going!			
19 July 2019	Facebook's Fake Money			
4 July 2019	It Looks Like A Gold Bull Market, It Feels Like A Gold Bull Market – Maybe It Is A Gold Bull Market?			
19 June 2019	Good Money, Bad Money—And How Bitcoin Fits In			
6 June 2019	Gold Outshines The US Dollar			
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25 April 2019	A Sound Investment Rationale for Gold			
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7 26 September 2019

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Imprint

Marktreport is published every 14 days on Thursdays and is a free service provided by Degussa Goldhandel GmbH.

Deadline for this edition: 26 September 2019

Publisher: Degussa Degus Degussa Degus

Editor in chief: Dr. Thorsten Polleit

Degussa Market Report is available on the Internet at: http://www.degussa-goldhandel.de/infothek/marktreport/



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