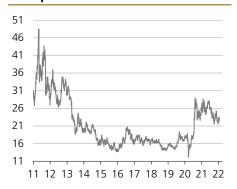
Market Report Degussa

20 Januar 2022

USD per ounce of gold 2200 2000 1800 1600 1400 1200 1000 11 12 13 14 15 16 17 18 19 20 21 22

USD per ounce of silver





11 12 13 14 15 16 17 18 19 20 21 22 Source: Refinitiv; graphs by Degussa.

Precious m	etals prices						
	Actual Change against (in percent):						
	(spot)	2 W 3 M 12 M					
I. In US-dol	lar						
Gold	1.836,7	0,5	4,6	-1,3			
Silver	24,0	3,0	8,0	-17,2			
Platinum	1.026,0	6,6	6,5	-9,0			
Palladium	2.013,0	6,4	5,4	-10,4			
II. In euro							
Gold	1.618,1	0,6	6,7	4,9			
Silver	21,1	3,2	10,4	-12,2			
Platinum	903,9	6,8	8,6	-3,4			
Palladium	1.773,0	6,6	7,6	-4,8			
III. Gold pri	ice in other	currencies					
JPY	209.885,0	-0,2	7,4	7,6			
CNY	11.651,2	0,3	2,9	-3,1			
GBP	1.345,8	-0,4	3,3	-1,1			
INR	136.584,4	1,9	4,9	0,4			
RUB	140.527,3	3,1	10,2	-0,6			
Source: Refi	nitiv; calcula	tions by Dequ	issa.				

Economics · Finance · Precious Metals

OUR TOP ISSUES

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

OUTLOOK FOR GOLD AND SILVER – BRIGHTER THAN YOU THINK IT IS

The recovery of the world economy from the effects of the politically dictated lockdowns will most likely continue in 2022, albeit at a slower pace. We estimate world GDP to grow by 4.2 per cent, down from an estimated 5.8 per cent in 2021.¹ Of course, a number of risk factors remain – such as the development of the virus crisis, geopolitical tensions (in particular between the US and China as well as Russia and the western world), global energy security, etc.

However, it is no exaggeration to say that monetary policy ranks among the most important determinants in the current cycle. The recovery in economic activity worldwide has been fuelled by an exceptionally expansionary money policy. Central banks have pushed interest rates to zero, in some cases even below zero, and increased the quantity of credit and money supply on a grand scale. The result is an enormous 'monetary overhang' that drives up goods prices.

The US Federal Reserve (Fed) is about to change course. It plans to end its bond purchases in the near future and raise interest rates several times this year. Other major central banks are expected to most likely follow suit. The key question is: How will the economies and financial markets react to monetary policies 'taking away the punch bowl'? While some policy tightening this year is likely from today's point of view, the question is rather how far it will go.

Given the debt burden of the global economy, especially in the advanced economies, we find it very unlikely that interest rates will rise sharply or return into positive territory in real – that is, inflation-adjusted – terms. Central banks are likely to allow for goods price inflation to remain elevated for an extended period of time. 'Keeping the economies going' will enjoy policy priority over 'preserving the purchasing power of money'.

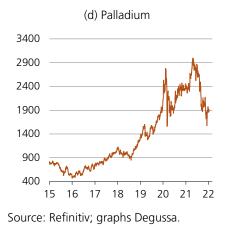
While stock and property markets may experience some correction in the shortterm (lowering valuation levels), persistently negative real interest rates should keep the upward trend in asset prices intact. Elevated consumer goods prices, accompanied by sustained asset price inflation, will increasingly erode the purchasing power of official currencies. In other words: Escaping the debasement of currency will remain a key challenge for savers and investors going forward.

¹ See Degussa Marktreport, Weltwirtschaft 2022: Mehr Inflation, weniger Wachstum, 20 January 2022

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







The widely held expectation that central banks tightening of monetary policy this year is keeping a lid on the prices of precious metals, gold in particular, for now. However, we believe that, at the end of the day, central banks will prioritize the goal of 'keeping the economies going' over 'bringing inflation down'. This means that policy tightening will be much less pronounced and remain largely cosmetic, keeping inflation-adjusted interest rates well in negative territory.

Against this backdrop, we see a fairly good chance that the price of gold will return to its long-term upward trend – especially as we still consider the yellow metal to be undervalued at current prices. In particular, we expect institutional investor demand in gold to pick up, potentially taking gold prices higher towards 2.100 USD/oz this year.

The improvement in demand for silver in the industrial, electronic, and solar sectors bodes well for a rise in the silver price this year, especially given relatively tight supply-side conditions. Especially in view of a rising gold price, the price of silver has a good chance to rise – from our point of view, reaching 28.2 USD/oz seems quite possible.

The improvement in the world economy, especially the auto industry, should support the price of platinum. In addition, the push for 'green policies' has the potential to boost platinum demand. Overall, there is a good chance that the price of platinum will continue its recovery, which began in autumn 2020, and will move towards 1.175 USD/oz over the course of this year.

The palladium price correction seems to be over, and the current supply and demand conditions justify the expectation that palladium will rise in price. A price of around 2.260 USD/oz in the course of 2022 is plausible from our point of view, especially since a return of investor demand has a good chance of counteracting tepid demand from the industrial sector.

The overall outlook for precious metals appears brighter to us than to many other people these days. Of course, a key reason for this is our expectation that global monetary policy will be significantly less restrictive than widely anticipated. Against this backdrop we think that it makes sense for an investor to consider building up or expanding precious metals position in their portfolio.

PRECIOUS METALS PRICES

In US-Dollar per ounce

Gold		Silver		Plat	inum	Palladium		
183	1839,1 24,0		1030,0		2022,4			
181	1,0	22	2,8	96	8,6	189	97,4	
180	1809,9		22,9		966,7		06,7	
180	1807,5		23,1		976,6		38,2	
179	4,4	23,3		989,6		1972,9		
200 days 1803,7		24,7		1054,8		2352,8		
21	00	2	8,2	11	175	22	261	
(1) 14		18		14		12		
Low	High	Low	High	Low	High	Low	High	
1700	2280	21,0	31,0	830	1280	1650	2400	
-8	24	-12	29	-19	24	-18	19	
				1				
13	82	10	6,1	8	62	15	511	
17	53	20,2		878		2180		
1804		25,5		1095		2422		
	183 181 180 180 179 180 211 1/2 1/2 1/2 1/2 1/2 1/3 1/3 1/7	1839,1 1811,0 1809,9 1807,5 1794,4 1803,7 2100 14 Low High 1700 2280 24 1382 1382 1753	1839,1 24 1811,0 2. 1809,9 2. 1807,5 2. 1794,4 2. 1803,7 2. 2100 2. 14 2. Low High Low 1700 2280 21,0 -8 24 -12 1382 11 1753 2.	1839,124,01811,022,81809,922,91807,523,11794,423,31803,724,7210028,21418LowHigh170022802421,031,0-824138216,1175320,2	1839,1 24,0 103 1811,0 22,8 96 1809,9 22,9 96 1807,5 23,1 97 1794,4 23,3 98 1803,7 24,7 109 2100 28,2 11 14 18 14 Low High Low High Low 1700 2280 21,0 31,0 830 -8 24 -12 29 -19 1382 16,1 8 8 1753 20,2 8	1839,124,01030,01811,022,8968,61809,922,9966,71807,523,1976,61794,423,3989,61803,724,71054,8210028,21175141814 Low HighLowHigh1700228021,0-824-1229-1924138216,1862175320,2878	1839,124,01030,02021811,022,8968,61851809,922,9966,71901807,523,1976,61881794,423,3989,61971803,724,71054,8235210028,2117522141814141700228021,031,0830128016,129-1924-18138216,186215175320,287821	

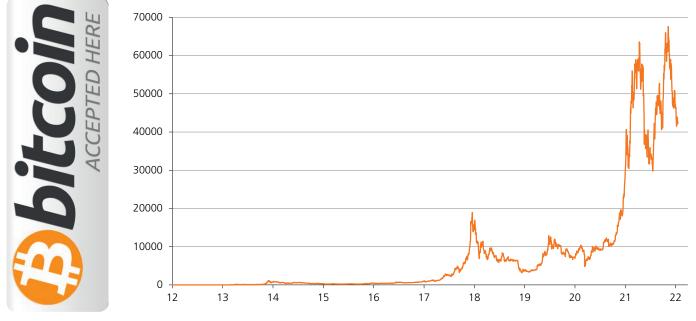
In Euro per ounce								
Gold		S	Silver		inum	Palladium		
I. Actual 1620,6			21,1		907,7		32,2	
II. Gliding averages				1				
10 days	1592,8		20,1	85	1,9	166	58,8	
20 days	1595,1		20,2		851,9		30,4	
50 days	1596,2		20,4		862,4		57,2	
100 days	1561,2		20,3		860,8		4,7	
200 days	200 days 1538,6		21,0		898,4		1999,6	
III. Estimates for end 2022	1944 20		26,1 23)88 20		193 7	
Band width	Low Hig 1573 21 -3 30		High 28,7 36	Low 760 -16	High 1180 30	Low 1520 -15	High 2220 25	
V. Annual averages 2019 2020 2021	1235 1535 1519		14 18 21	7	70 69 21	19	150 111 135	

Source: Refinitiv; calculations and estimates Degussa. Numbers are rounded.

⁽¹⁾ On the basis of actual prices.

BITCOIN, PERFORMANCE OF VARIOUS ASSET CLASSES

Bitcoin in US dollars



Source: Refinitiv; graph by Degussa.

Performance of stocks, commodities, FX and bonds

(a) In national currencies

	-30	-20	-10	0) 1	0	20
S&P 500			-3,4				
Nasdaq		-	6,7				
Euro STOXX 50					0,2		
FTSE 100					3,	0	
DAX			-0,	1			
Swiss MI			-2,5				
Nikkei			-4,6				
Hang Seng					3,	1	
Bovespa					3,	3	
Russia		-8	,9				
CRB Index						6,3	
Gold			0,0	0			
Silver					2,		
Crude oil						9,	7
EURUSD			-0,2	_			
EURJPY			-0,9				
EURGBP			-1,0)			
EURCHF					0,2		
USDCAD			-1,1				
USDGBP					0,8		
USDJPY			-0,7	7			
US gov't bond 7 - 10 yrs			-2,4				
US gov't bond 1 - 3 yrs			-0,5	-			
Euro gov't bond 7 - 10 yrs			-0,8				
Euro gov't bond 1 - 3 yrs			-0,	-			
UK gov't bond 7 - 10 yrs			-1,6	_			
UK gov't bond 1 - 3 yrs			-0,4	- 1			
Japan gov't bond 7 - 10 yrs			-0,5	- 1			
Japan gov't bond 1 - 3 yrs			0,0	U			

(b) In euro

	-30	-20	-	10	0	1	0	20
S&P 500	, <u> </u>			-3,2				
Nasdag			-6					
Euro STOXX 50						0,2		
FTSE 100						4,0)	
DAX				-0,	1			
Swiss MI				-2,7				
Nikkei				-3,7				
Hang Seng						3,5		
Bovespa						5,	0	
Russia		-11,	,0					
CRB Index						6	5,5	
Gold						0,2		
Silver						2,8		
Crude oil							10,	0
EURUSD				-0,	2			
EURJPY				-0,9	9			
EURGBP				-1,0)			
EURCHF						0,2		
USDCAD				-1,1				
USDGBP	·					0,8		
USDJPY	·			-0,	7			
US gov't bond 7 - 10 yrs				-2,2				
US gov't bond 1 - 3 yrs				-0,				
Euro gov't bond 7 - 10 yrs				-0,8	3			
Euro gov't bond 1 - 3 yrs				-0,	1			
UK gov't bond 7 - 10 yrs				-0,6	5			
UK gov't bond 1 - 3 yrs						0,7		
Japan gov't bond 7 - 10 yrs						0,4		
Japan gov't bond 1 - 3 yrs						0,9		

Source: Refinitiv; calculations by Degussa.

Articles in earlier issues of the Degussa Market Report

Issue	Content
20 January 2022	Outlook For Gold And Silber – Brighter Than You Think It Is
16 December 2021	Welcome to a new chapter in the boom-and-bust-drama
2 December 2021	Inflation Is Not Temporary But Here To Stay
18 November 2021	The Case Against Gold And Silver. Revisited
4 November 2021	Stagflation Is Rearing Its Ugly Head
21 October 2021	At A Crossroads. It Is Time For Gold And Silver
7 October 2021	Here Comes The Inflation Beast
23 September 2021	Evergrande: China's Potential 'Lehman moment'?
8 September 2021	It All Depends On The Fed's 'Safety Net'
26 August 2021	Our Money Gets Thrown Under The Bus
12 August 2021	The Crime of 1971
29 July 2021	Gold And The Market Fear That Is Not
15 July 2021	Gold and the Monetary Policy Empire of Deception
1 July 2021	Investors believing the impossible, making the price of gold falter
17 June 2021	Gold Against Neglected Risks
2 June 2021	Gold And Inflation
20 May 2021	The Price Correction In The Crypto Space Is Not The End
6 May 2021	The Dark Side of the Yield Curve Control Policy
22 April 2021	Bitcoin and the Golden Opportunity
8 April 2021	On Precious Metal 2021 Price Forecasts
25 March 2021	Money Matters For Gold And Silver Prices
11 March 2021	Interest Rates are to the Price of Gold What Gravity is to the Apple
25 February 2021	The Dangers Of Digital Central Bank Money
11 February 2021	Gold Is Not In Bubble Territory
28 January 2021	It Is High Time To Buy Gold And Silver
14 January 2021	The Great Gold And Silver Bull Market Is On
17 December 2020	Gold Against US-Dollar Risk. A Value Proposition
3 December 2020	Keep Your Cool – And Physical Gold And Silver
19 November 2020	It is Going to be Wild. Hold on to Physical Gold
5 November 2020	For In Fire Gold Is Tested
22 October 2020	The Policy of Inflating Everything, Not Only The Price Of Gold
8 October 2020	President Trump Is Good For Gold, Or Isn't He?
24 September 2020	Get Physical With Gold
10 September 2020	The Inflation Threat And The Case For Gold
27 August 2020	We Need Sound Money To Regain and Defend Our Liberties
13 August 2020	Gold And Silver Prices Are Set To Trend Even Higher
30 July 2020	The Big Short In Official Currencies
16 July 2020	"World Gold Price" Hits A New Record

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