

GOLD: THE INVESTEMENT YOU NEVER KNEW

Presented by: Pierre Lassonde
April 2016

Cautionary Statement

Forward Looking Statements

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In addition, statements (including data in tables) relating to reserves and resources and gold equivalent ounces are forward looking statements, as they involve implied assessment, based on certain estimates and assumptions, and no assurance can be given that the estimates and assumptions are accurate and that such reserves and resources and gold equivalent ounces will be realized. Such forward looking statements reflect management's current beliefs and are based on information currently available to management. Often, but not always, forward looking statements can be identified by the use of words such as “plans”, “expects”, “is expected”, “budgets”, “scheduled”, “estimates”, “forecasts”, “predicts”, “projects”, “intends”, “targets”, “aims”, “anticipates” or “believes” or variations (including negative variations) of such words and phrases or may be identified by statements to the effect that certain actions “may”, “could”, “should”, “would”, “might” or “will” be taken, occur or be achieved. Forward looking statements involve known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements of Franco-Nevada to be materially different from any future results, performance or achievements expressed or implied by the forward looking statements. A number of factors could cause actual events or results to differ materially from any forward looking statement, including, without limitation: fluctuations in the prices of the primary commodities that drive royalty and stream revenue (gold, platinum group metals, copper, nickel, uranium, silver, iron-ore and oil and gas); fluctuations in the value of the Canadian and Australian dollar and any other currency in which revenue is generated, relative to the U.S. dollar; changes in national and local government legislation, including permitting and licensing regimes and taxation policies, and the enforcement thereof; regulatory, political or economic developments in any of the countries where properties in which Franco-Nevada holds a royalty, stream or other interest are located or through which they are held; risks related to the operators of the properties in which Franco-Nevada holds a royalty, stream or other interest, including changes in the ownership and control of such operators; influence of macroeconomic developments; business opportunities that become available to, or are pursued by Franco-Nevada; reduced access to debt and equity capital; litigation; title, permit or license disputes related to interests on any of the properties in which Franco-Nevada holds a royalty, stream or other interest; whether or not Franco-Nevada is determined to have “passive foreign investment company status” (“PFIC”) status as defined in Section 1297 of the United States Internal Revenue Code of 1986, as amended; potential changes in Canadian tax treatment of offshore streams; excessive cost escalation as well as development, permitting, infrastructure, operating or technical difficulties on any of the properties in which Franco-Nevada holds a royalty, stream or other interest; actual mineral content may differ from the reserves and resources contained in technical reports; rate and timing of production differences from resource estimates, other technical reports and mine plans; risks and hazards associated with the business of development and mining on any of the properties in which Franco-Nevada holds a royalty, stream or other interest, including, but not limited to unusual or unexpected geological and metallurgical conditions, slope failures or cave-ins, flooding and other natural disasters, terrorism, civil unrest or an outbreak of contagious disease; and the integration of acquired assets. The forward looking statements contained in this presentation are based upon assumptions management believes to be reasonable, including, without limitation: the ongoing operation of the properties in which Franco-Nevada holds a royalty, stream or other interest by the owners or operators of such properties in a manner consistent with past practice; the accuracy of public statements and disclosures made by the owners or operators of such underlying properties; no material adverse change in the market price of the commodities that underlie the asset portfolio; Franco-Nevada's ongoing income and assets relating to determination of its PFIC status; no material changes to existing tax treatment; no adverse development in respect of any significant property in which Franco-Nevada holds a royalty, stream or other interest; the accuracy of publicly disclosed expectations for the development of underlying properties that are not yet in production; integration of acquired assets; and the absence of any other factors that could cause actions, events or results to differ from those anticipated, estimated or intended. However, there can be no assurance that forward looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Investors are cautioned that forward looking statements are not guarantees of future performance. Franco-Nevada cannot assure investors that actual results will be consistent with these forward looking statements. Accordingly, investors should not place undue reliance on forward looking statements due to the inherent uncertainty therein. For additional information with respect to risks, uncertainties and assumptions, please refer to the “Risk Factors” section of Franco-Nevada's most recent Annual Information Form filed with the Canadian securities regulatory authorities on www.sedar.com and Franco-Nevada's most recent Annual Report filed on Form 40-F filed with the SEC on www.sec.gov. The forward-looking statements herein are made as of the date herein only and Franco-Nevada does not assume any obligation to update or revise them to reflect new information, estimates or opinions, future events or results or otherwise, except as required by applicable law.

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Gold Demand – Diversity and Growth (2006-2015)

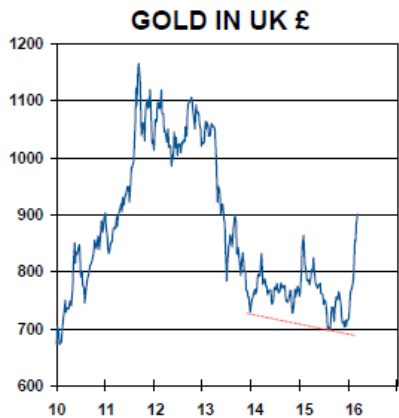
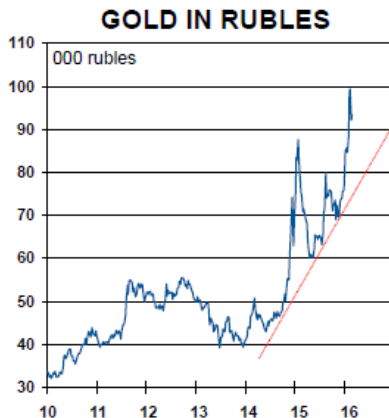
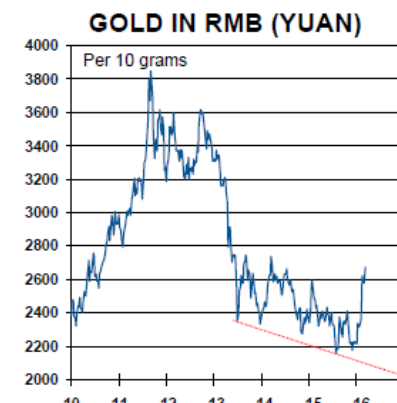
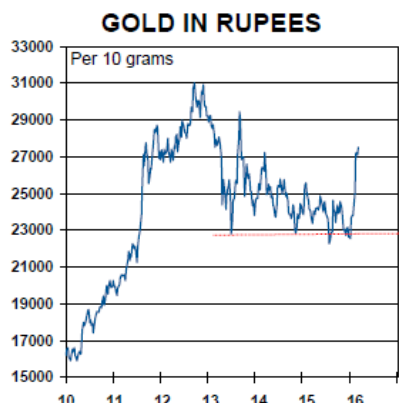
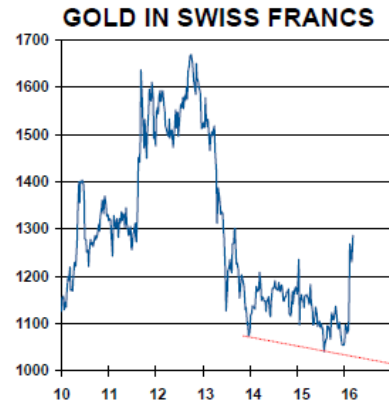
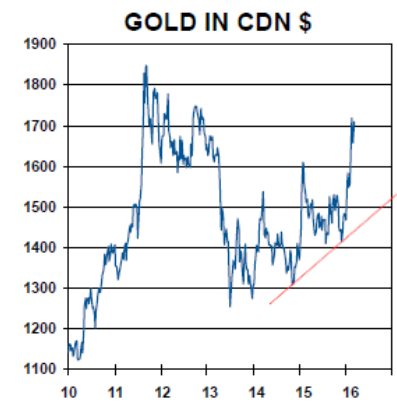
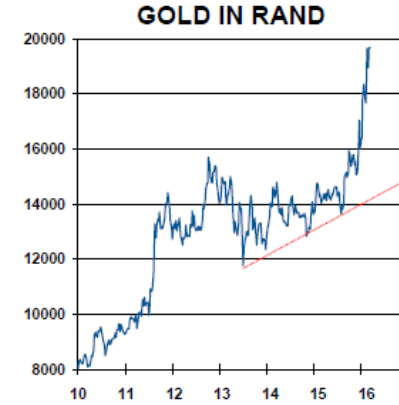
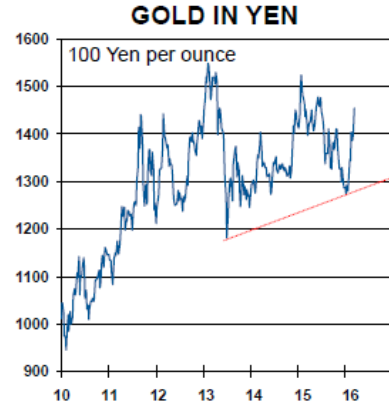
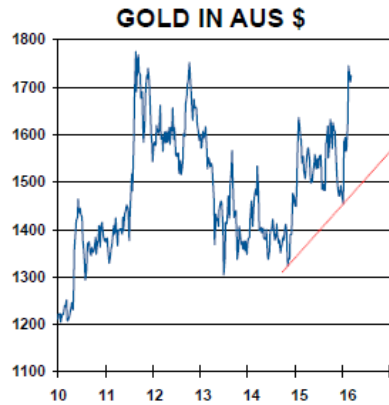
- **Global growth in consumer demand: ↑ 26%**
- **China consumer demand: ↑ 273%**
- **India consumer demand: ↑ 19%**
- **European investment demand: ↑ 1400%**

Performance Over the Last Decade

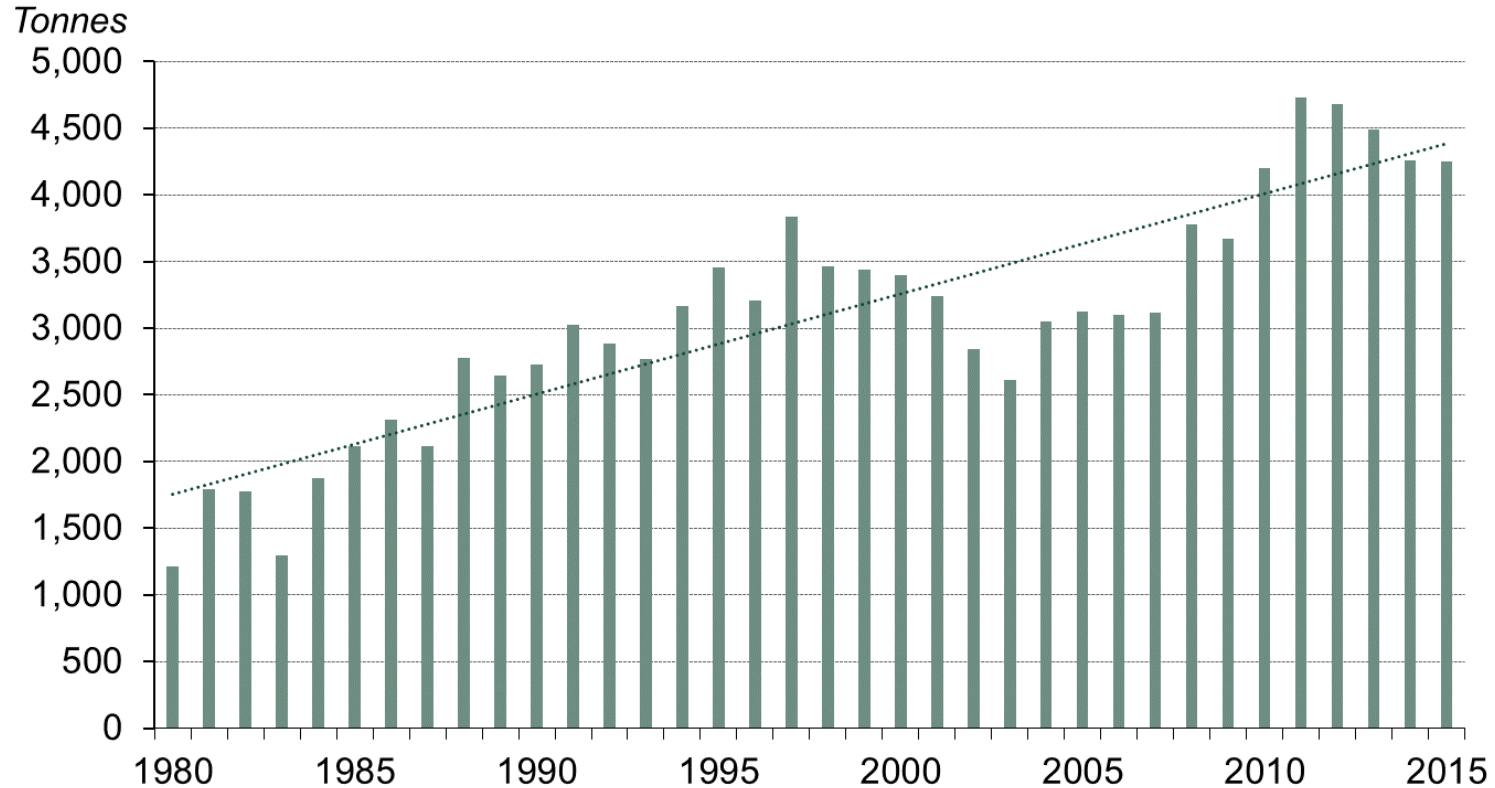
Gold has outperformed most mainstream assets:

- **Global Treasury Bonds by 61%**
- **Global Equities by 54%**
- **Commodities by 178%**
- **Global Real Estate by 36%**

A Bull Market In All Currencies Save For the Dollar

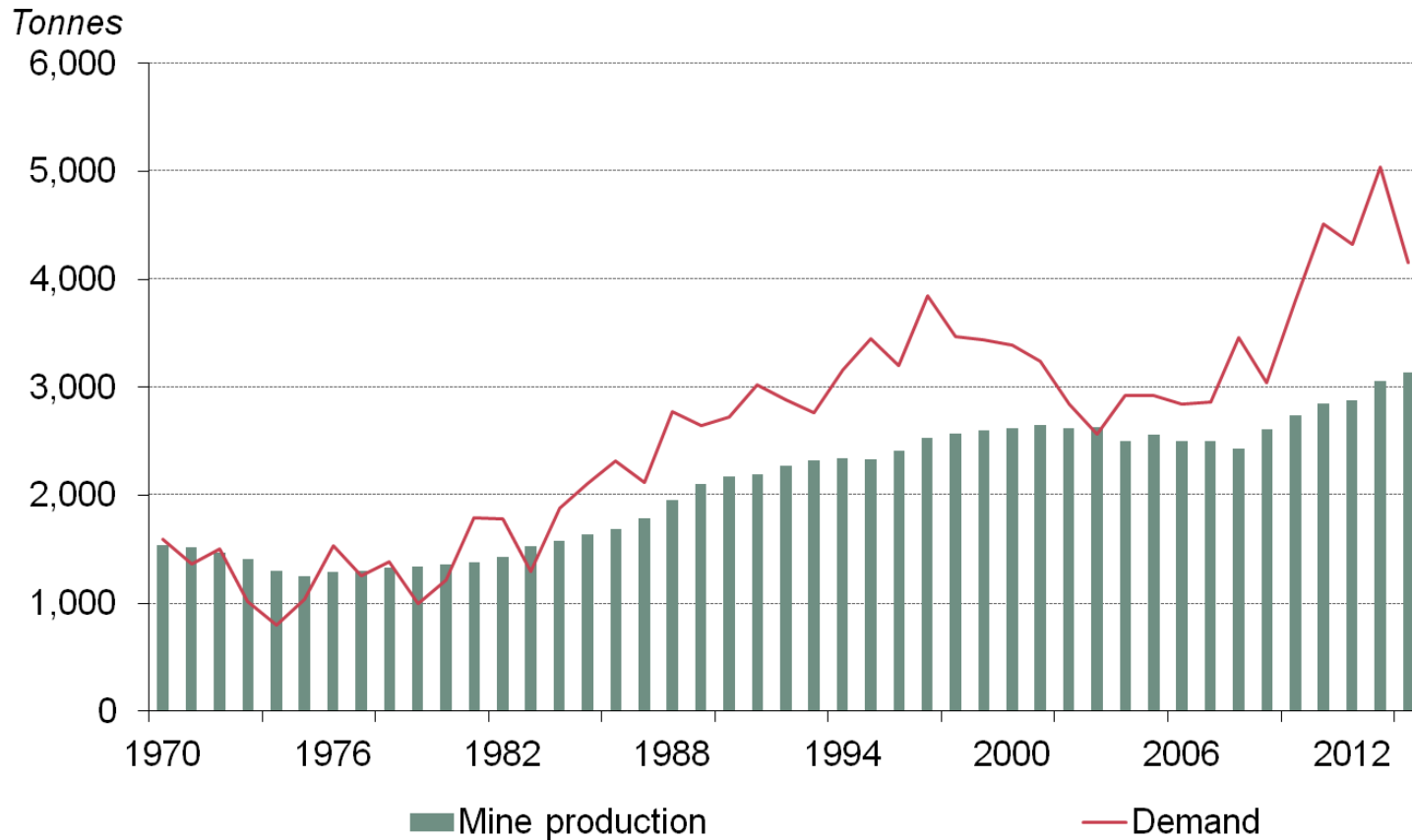


Gold is a growth market



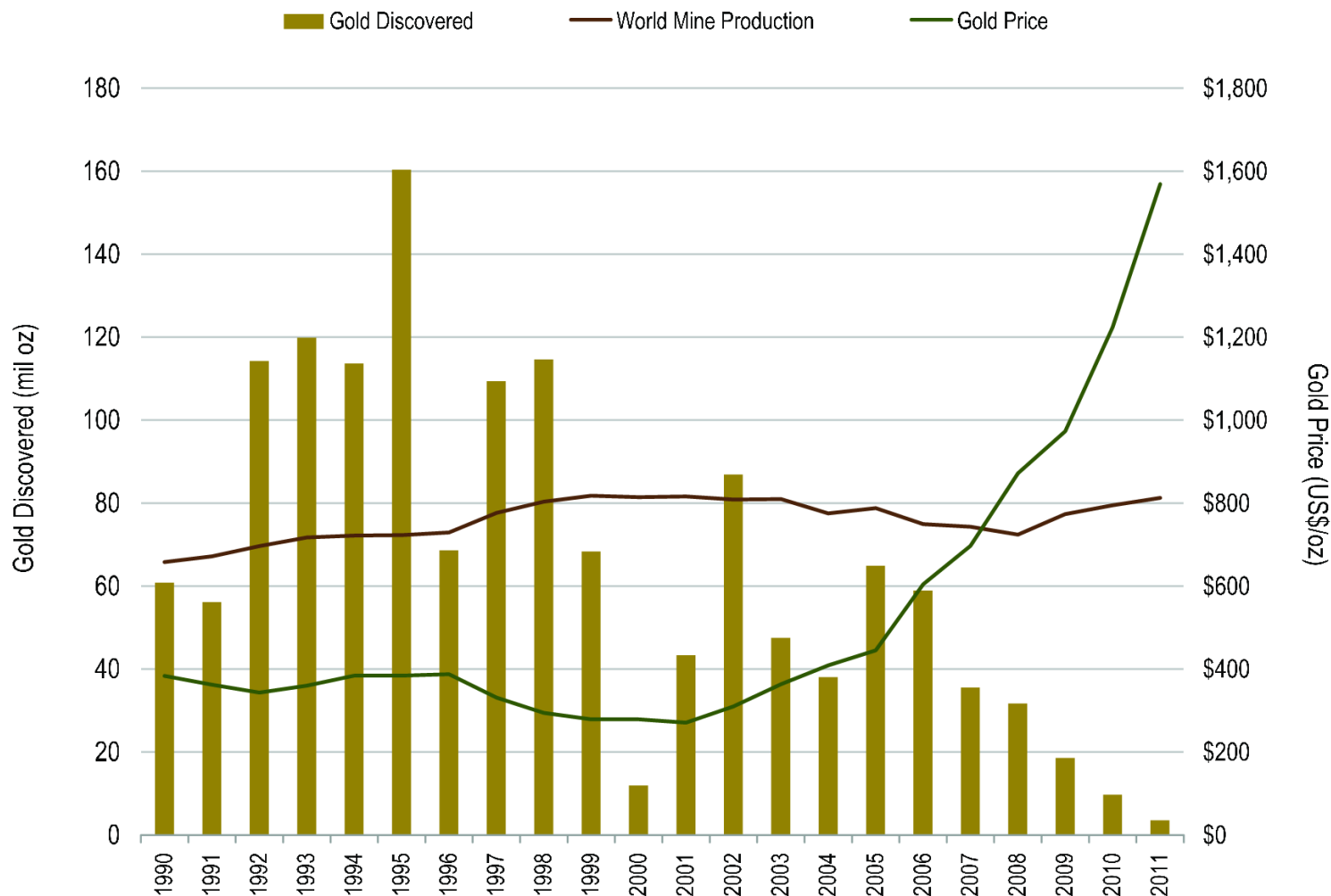
Global gold demand has grown 251% over the past 35 years

Mine Supply Has Not Kept Pace



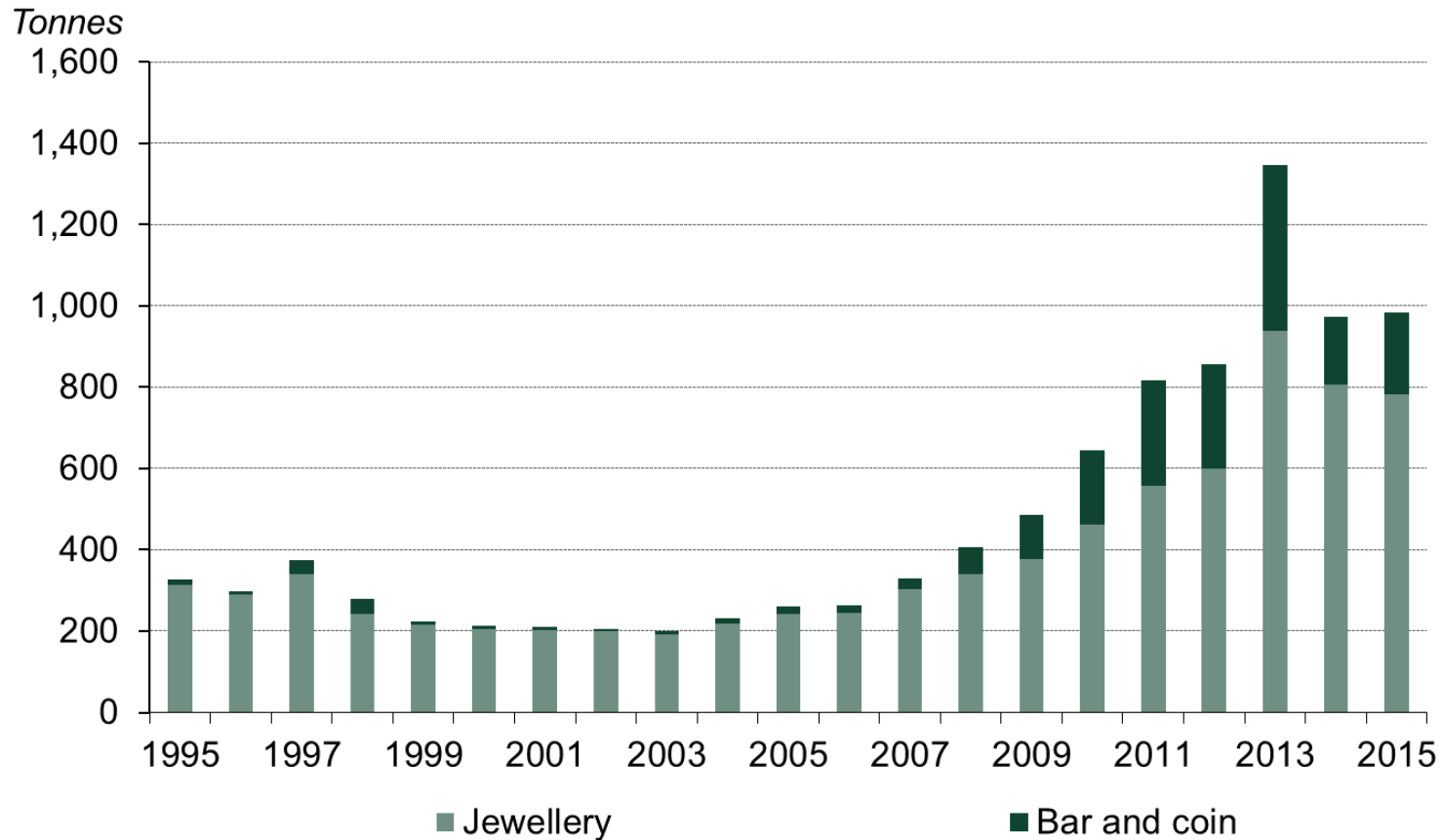
Mine production has grown, but falls short of meeting demand

Discoveries Have Fallen steadily Since the 80's



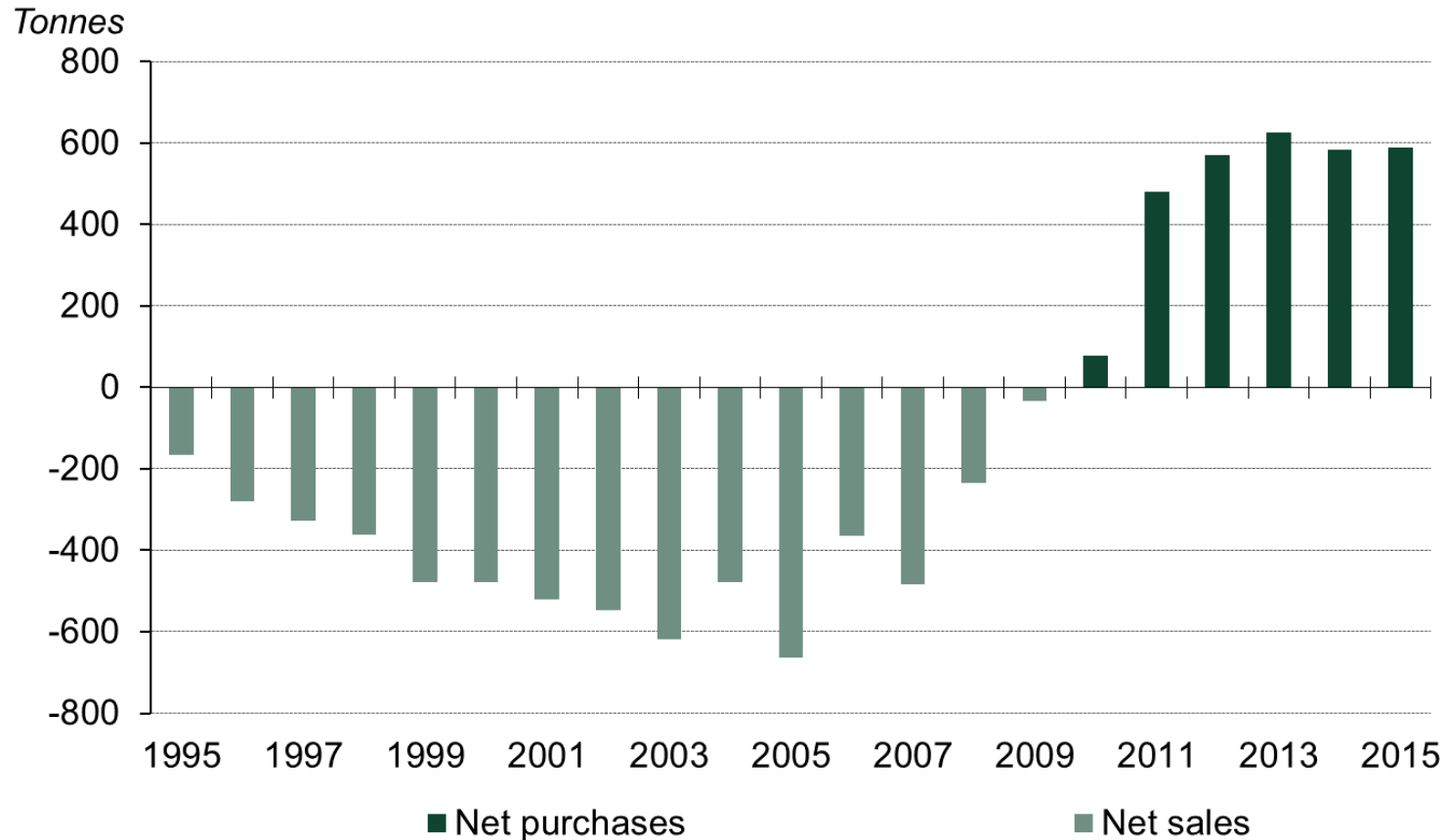
Represents 189 gold deposits discovered since 1990, each with at least 2m oz of gold in total reserves, resources and past production (or at least 1m oz in reserves)

China To Become The Largest Market



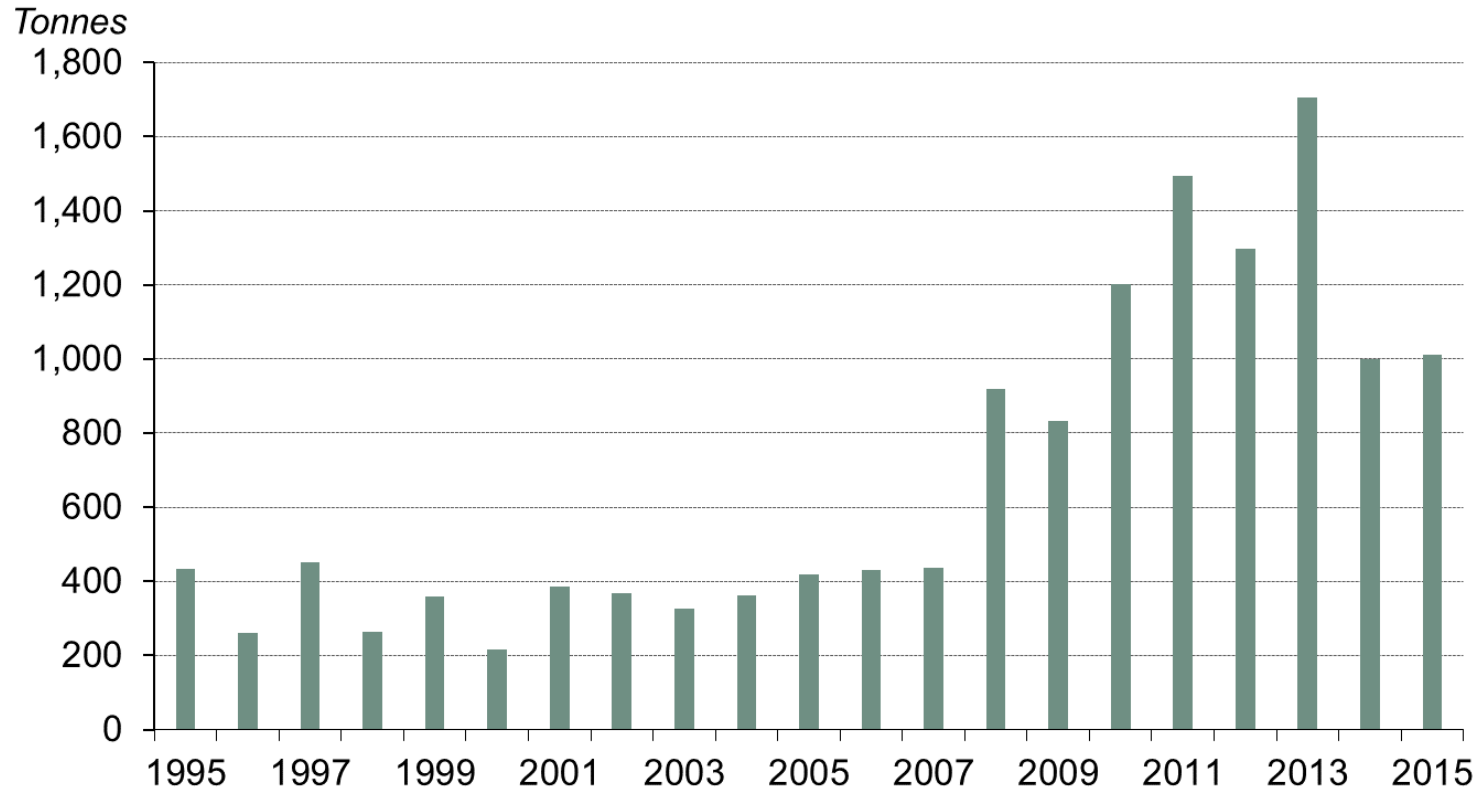
China's gold demand has trebled in 10 years

Central Banks Went From Sellers To Buyers



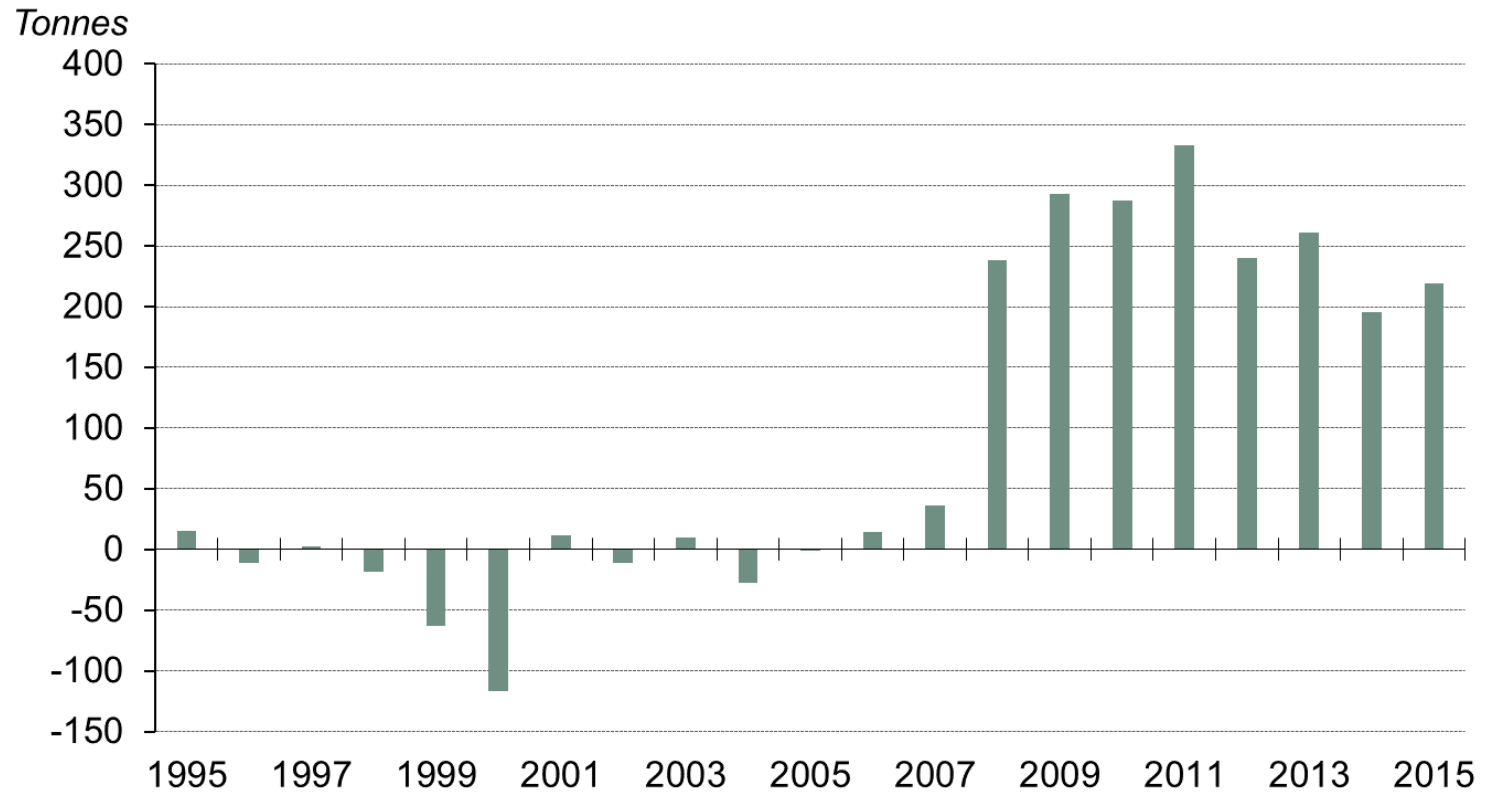
Central banks remain firmly on the gold purchasing pedal

Retail Investment Has Grown Dramatically Since 2008



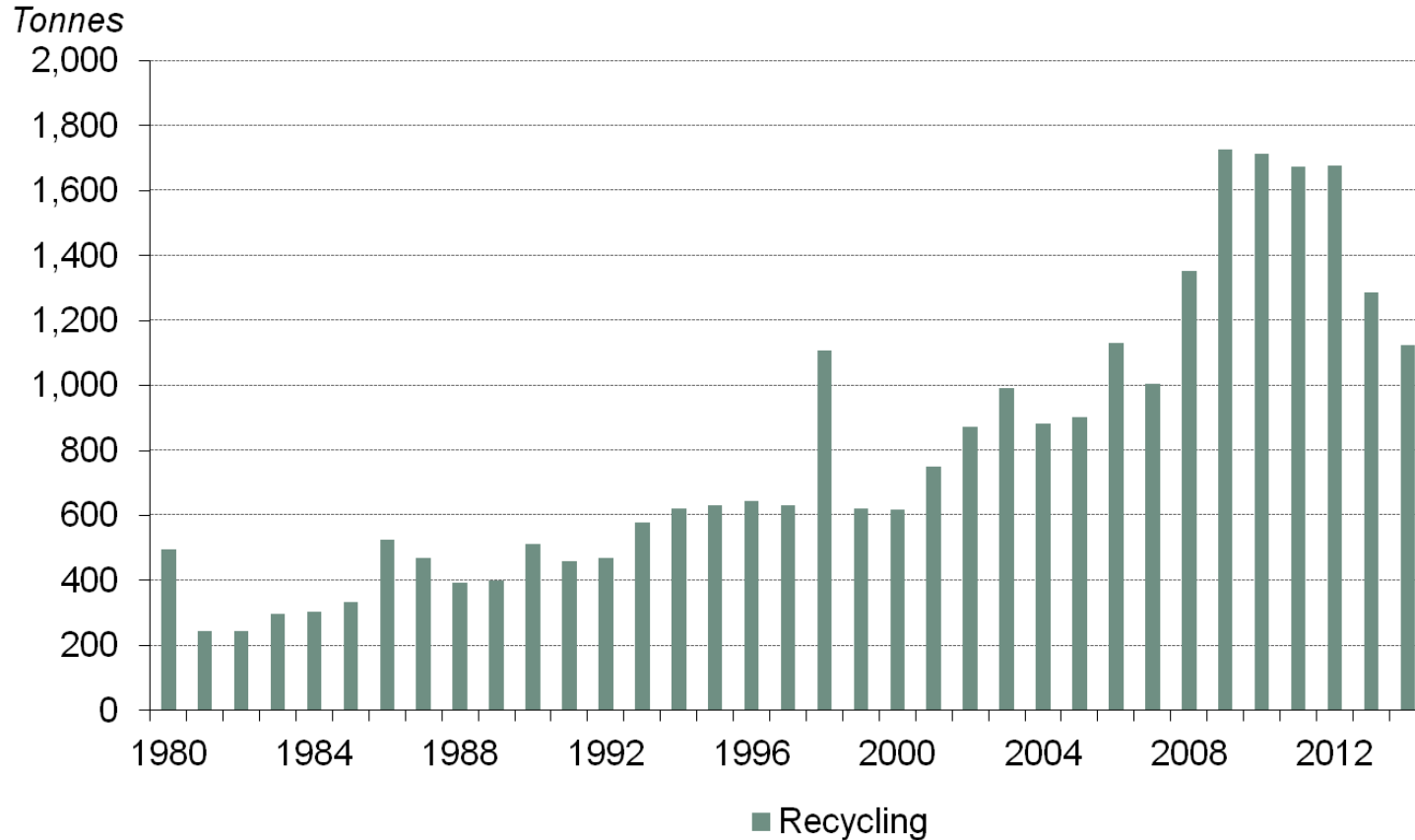
Global bar and coin demand is structurally higher

Europe Is Now The Largest Bar And Coin Market



Europe: the world's largest bar and coin market

Recycling More Than Doubled In Response to Higher Prices

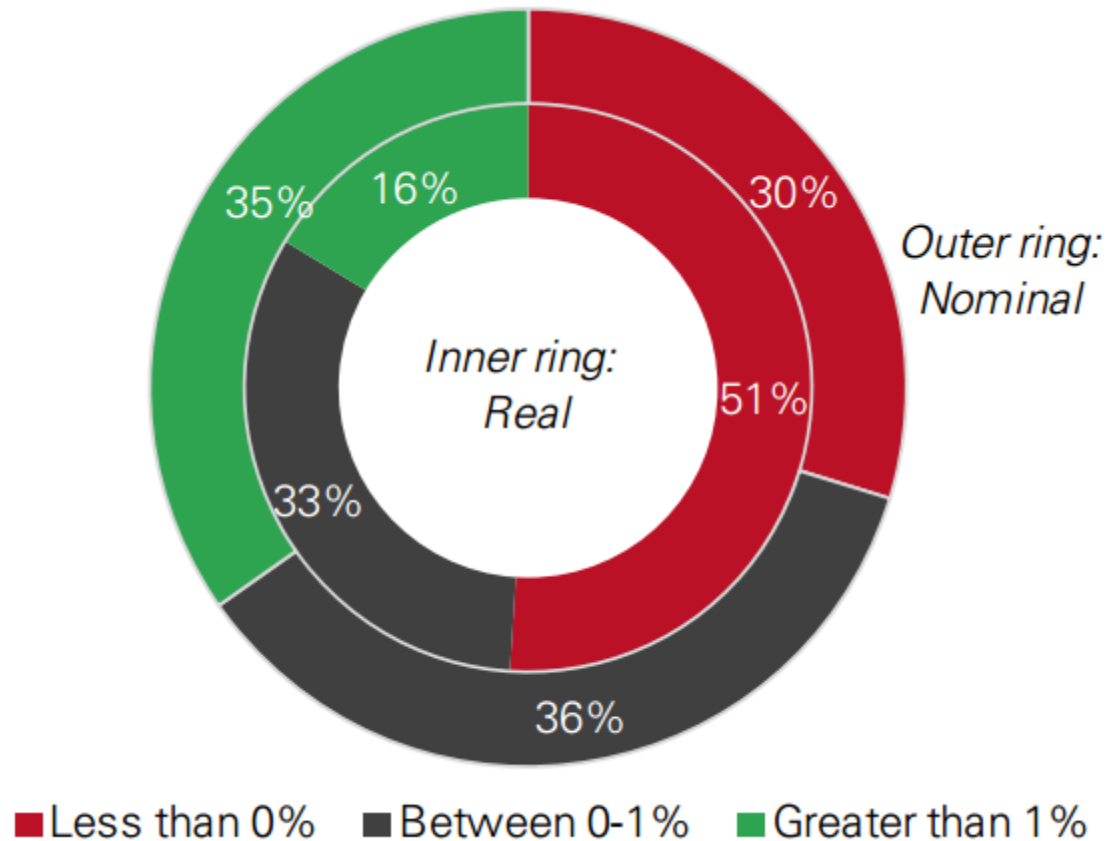


Recycling has grown to meet the shortfall between demand and mine supply

Factors Underpin Gold In a Negative Rate Environment

- ***Opportunity cost:*** This disappears in a negative yield world
- ***Uncertainty:*** Who knows how negative yields will pan out? The Bank of International Settlements has warned it can hold back growth, fuel instability and affect investor behaviour
- ***Weak currencies:*** Negative rates can be viewed of as an extension of beggar-thy-neighbour currency wars

Large Portion Of Sovereign Debt Have Negative Rates*

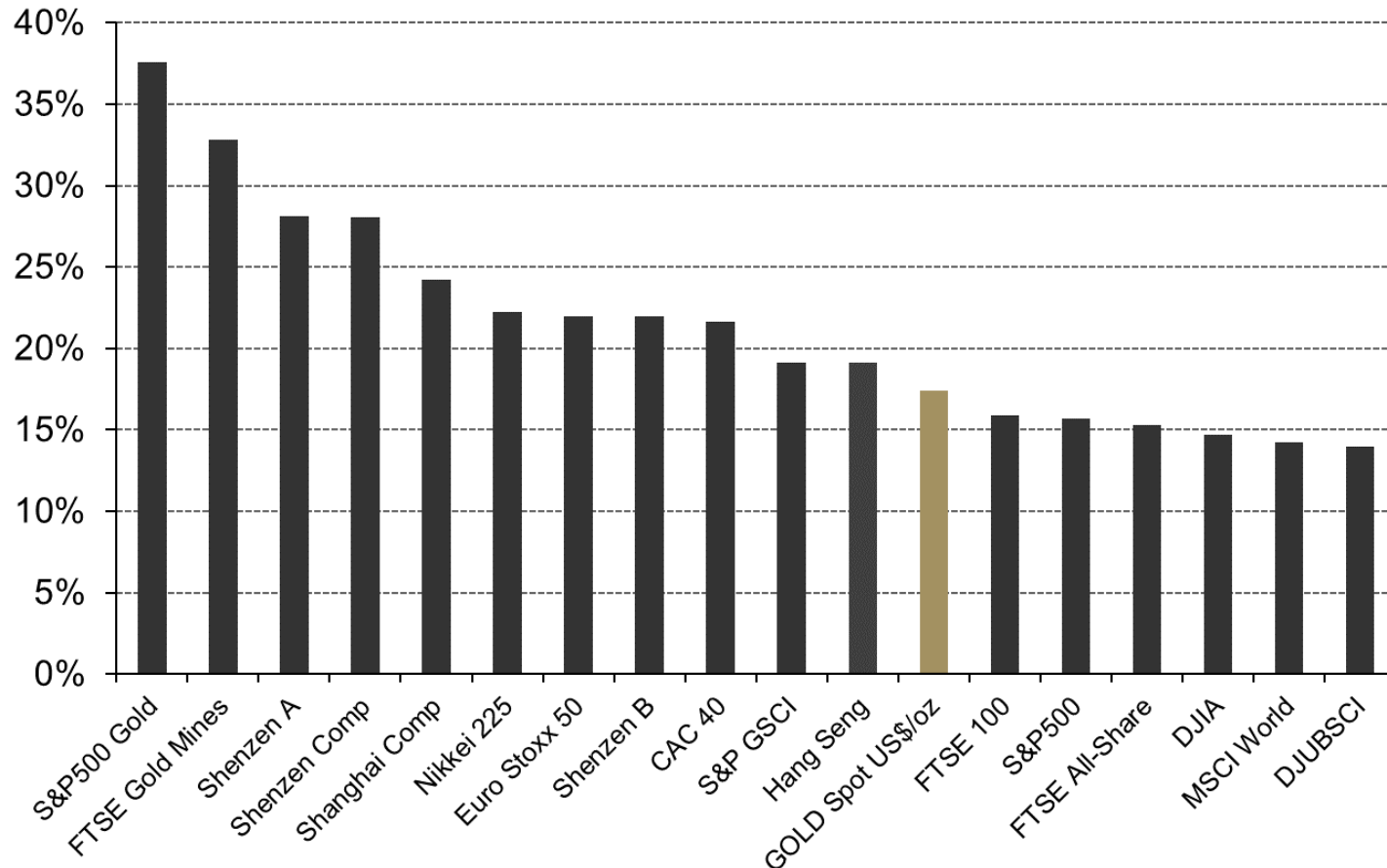


Total amount outstanding: US\$29.2 trillion

* As of 21 March 2016. Includes sovereign debt from Australia, Canada, Denmark, Euro area (investment grade), Japan, Sweden, Switzerland, the United Kingdom and the United States. Real yields computed as nominal yield minus the most recently available year-on-year CPI inflation rate. Totals may not equal 100% due to rounding

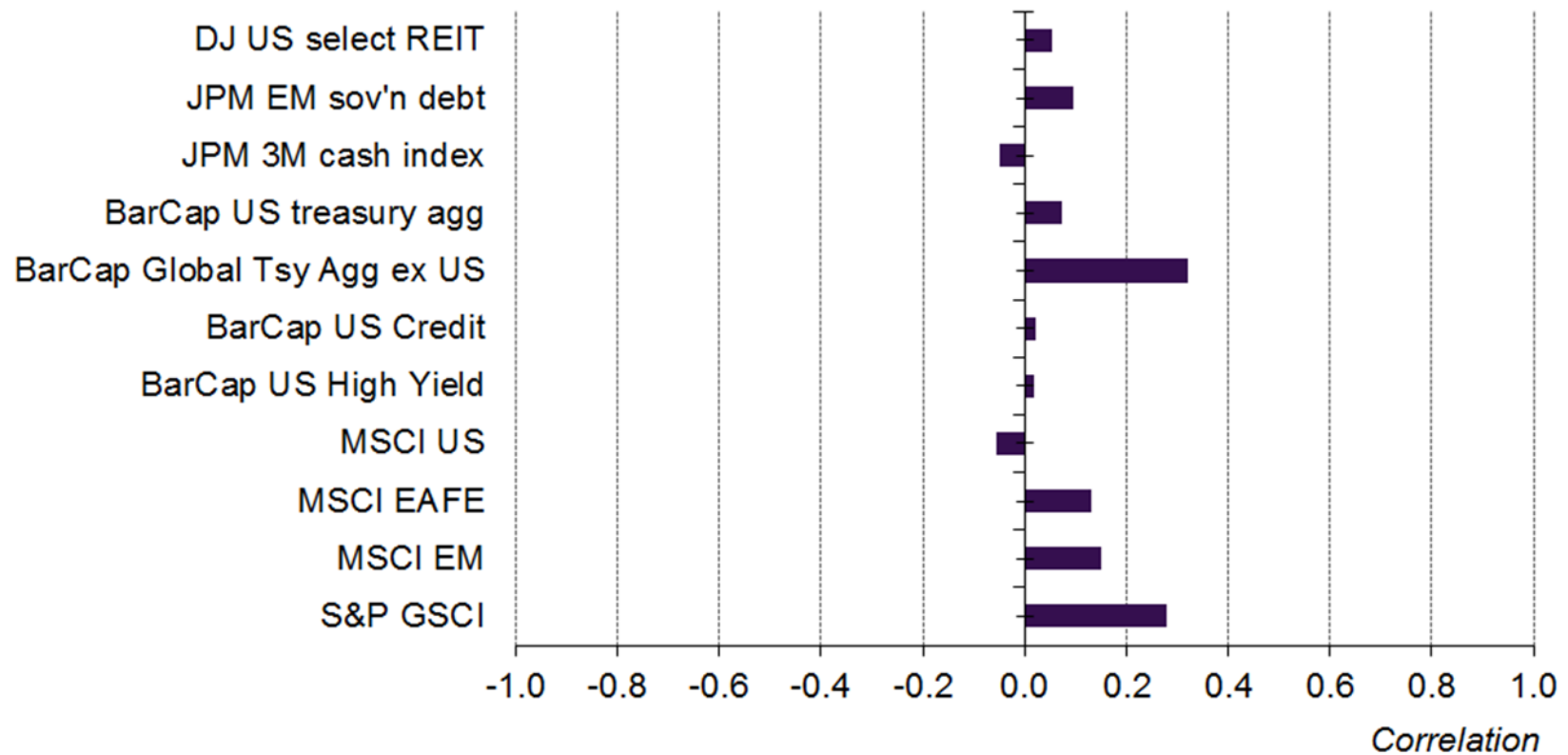
Source: Bloomberg; World Gold Council

Why Gold Is An Attractive Asset Diversifier



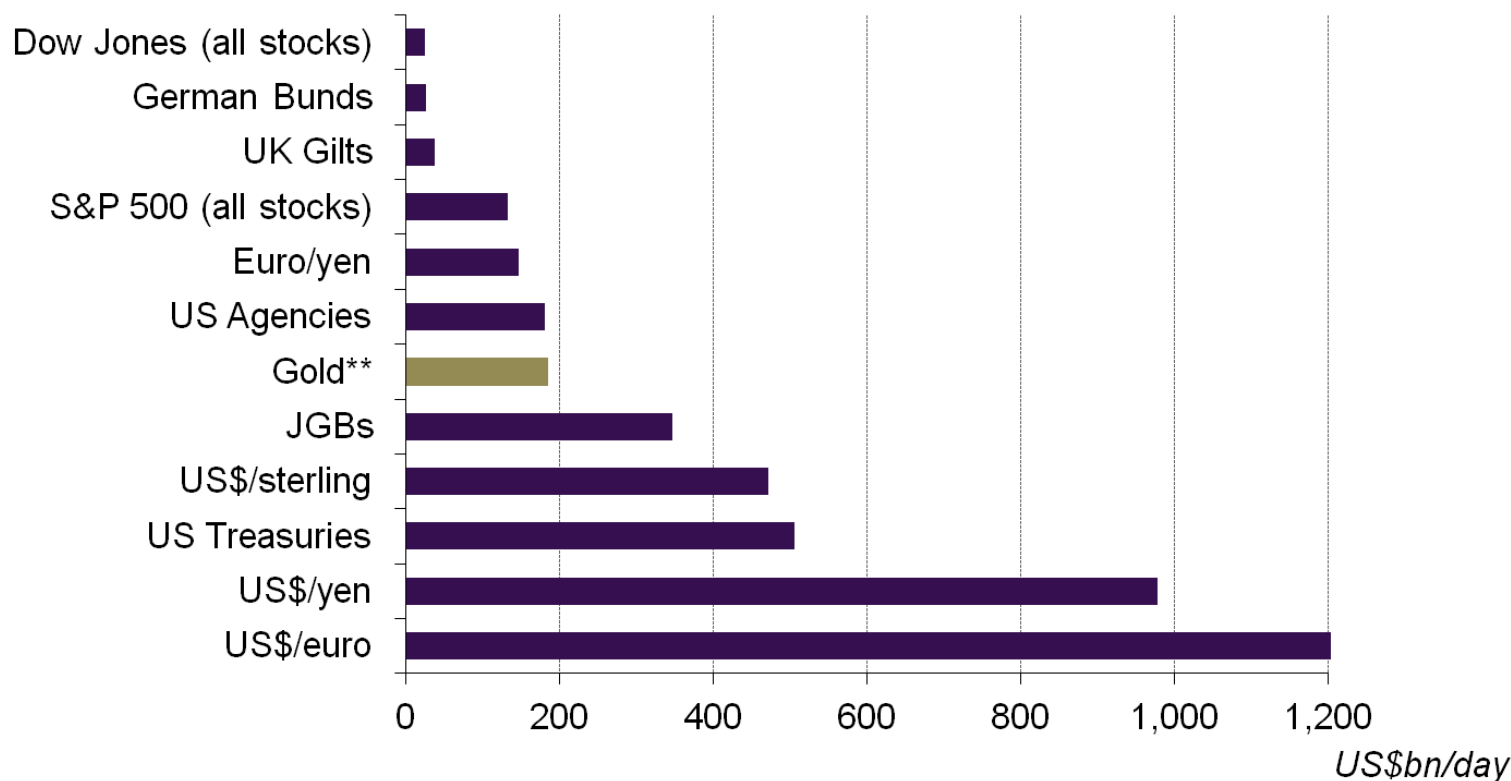
5-year historical volatility of daily returns (up to 5 Feb 2016)

Low Correlation, If Any, To Other Major Asset Classes



Long-term correlation of weekly returns between gold (US\$/oz) and select asset classes (US\$)*

Gold Market Is 6th Most Liquid Market At \$200/B/day



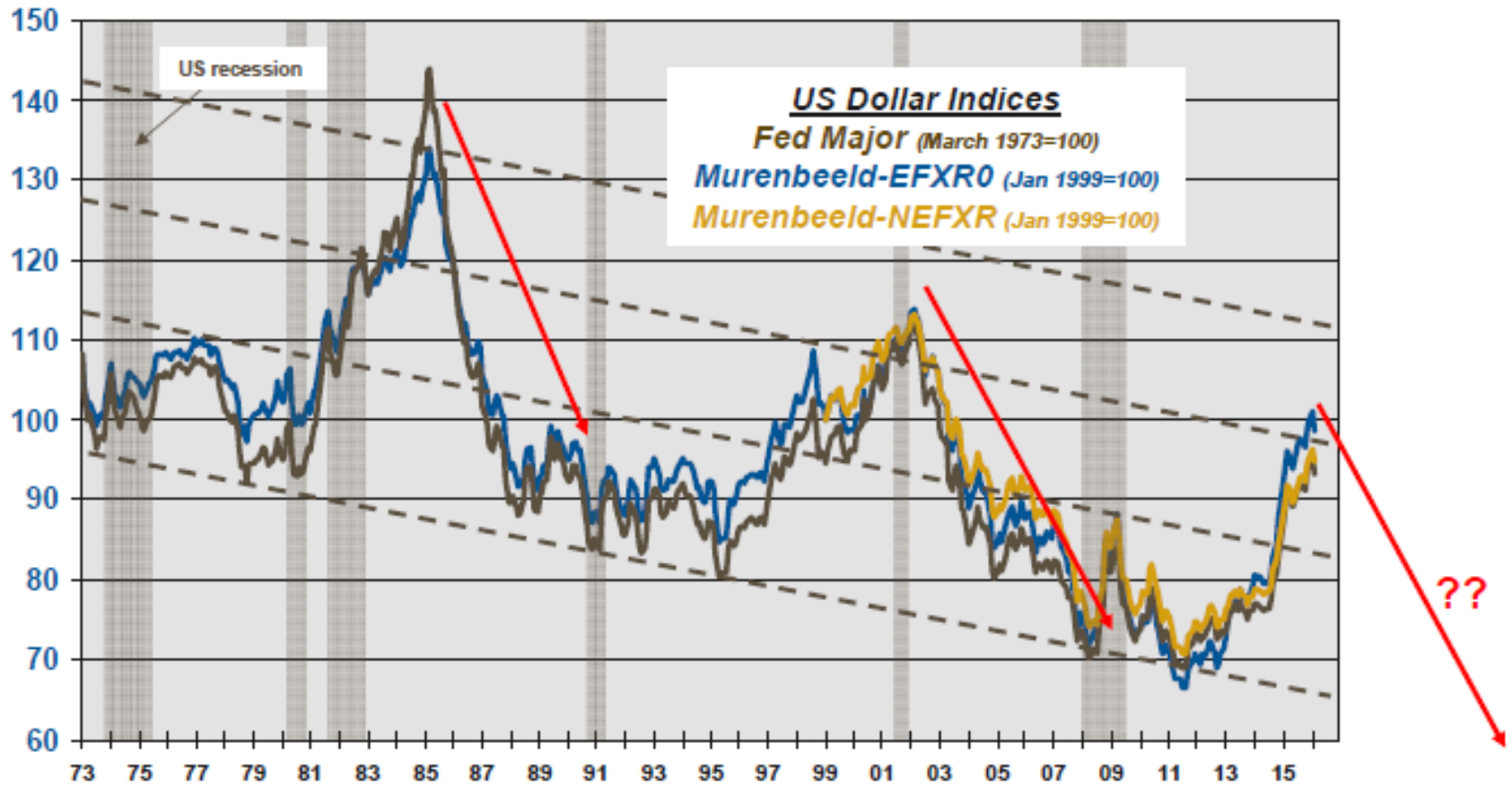
Average daily trading volumes (in US dollars) for various securities*

* Based on estimated annual averages as of September 2015;

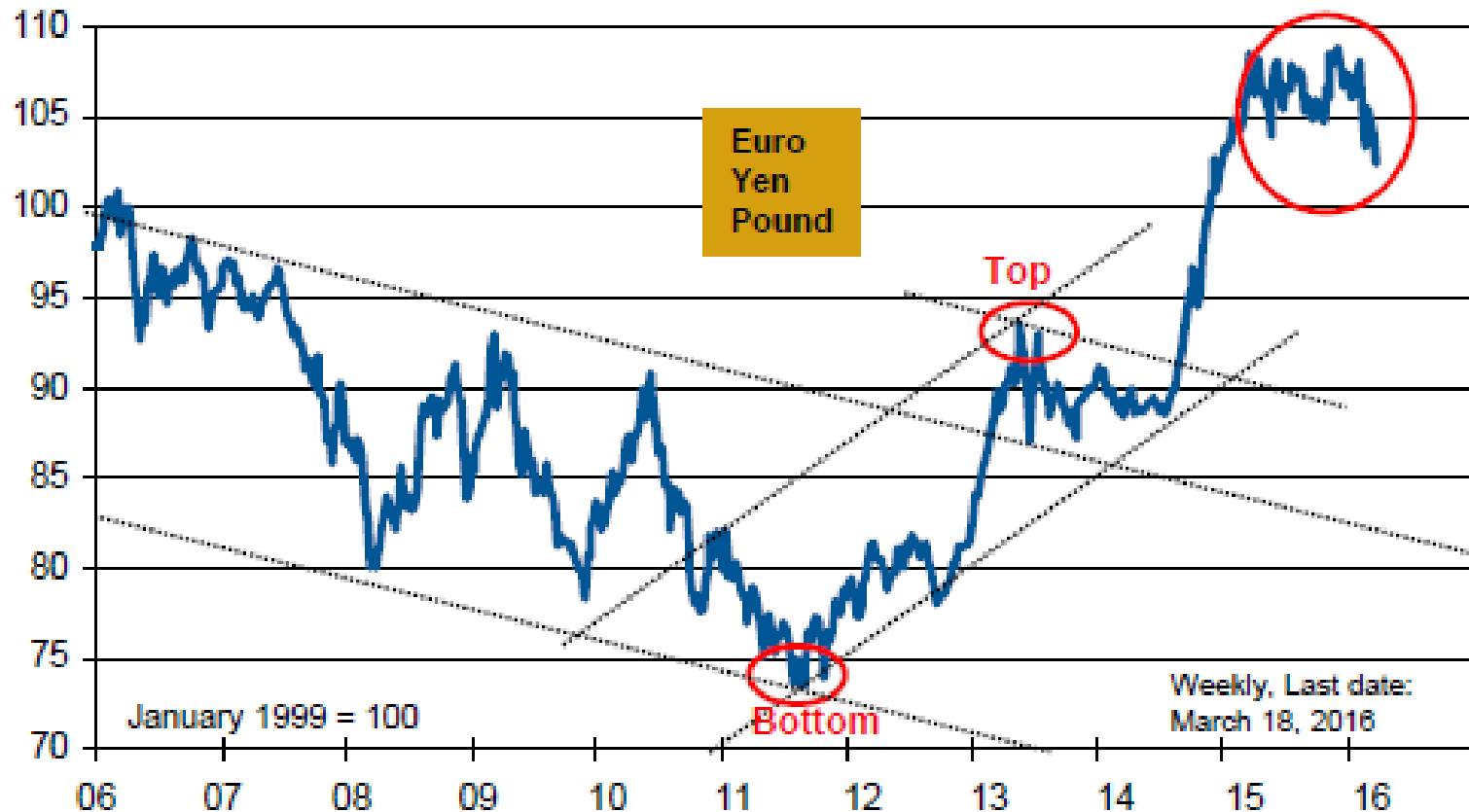
** Gold liquidity includes estimates on over-the-counter transactions and published statistics on futures & ETFs

Source: BIS; Bloomberg; Germany Finance Agency; JSDA; LBMA; SIFMA; UK DMO; World Gold Council

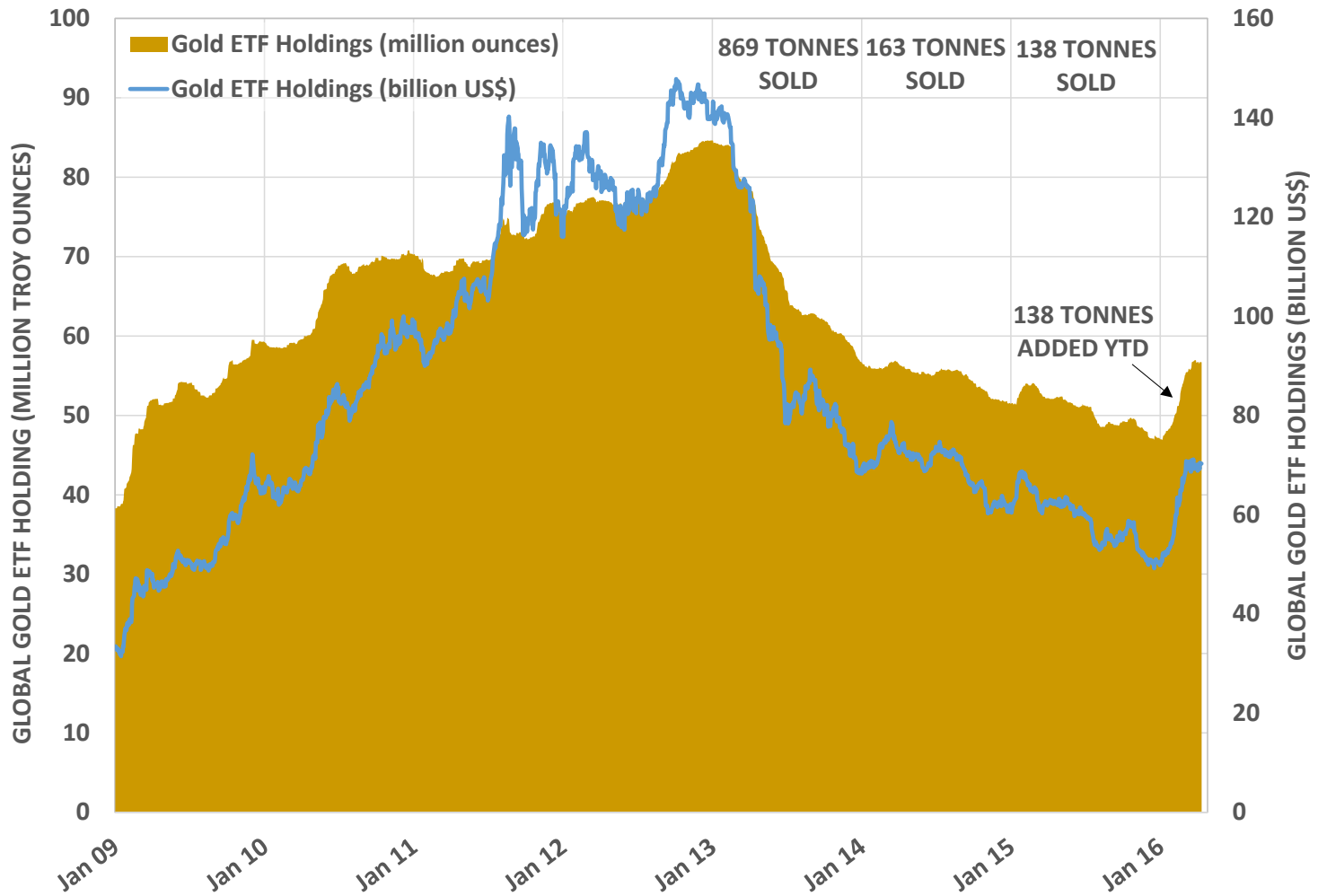
The USD Will Roll Over Again...



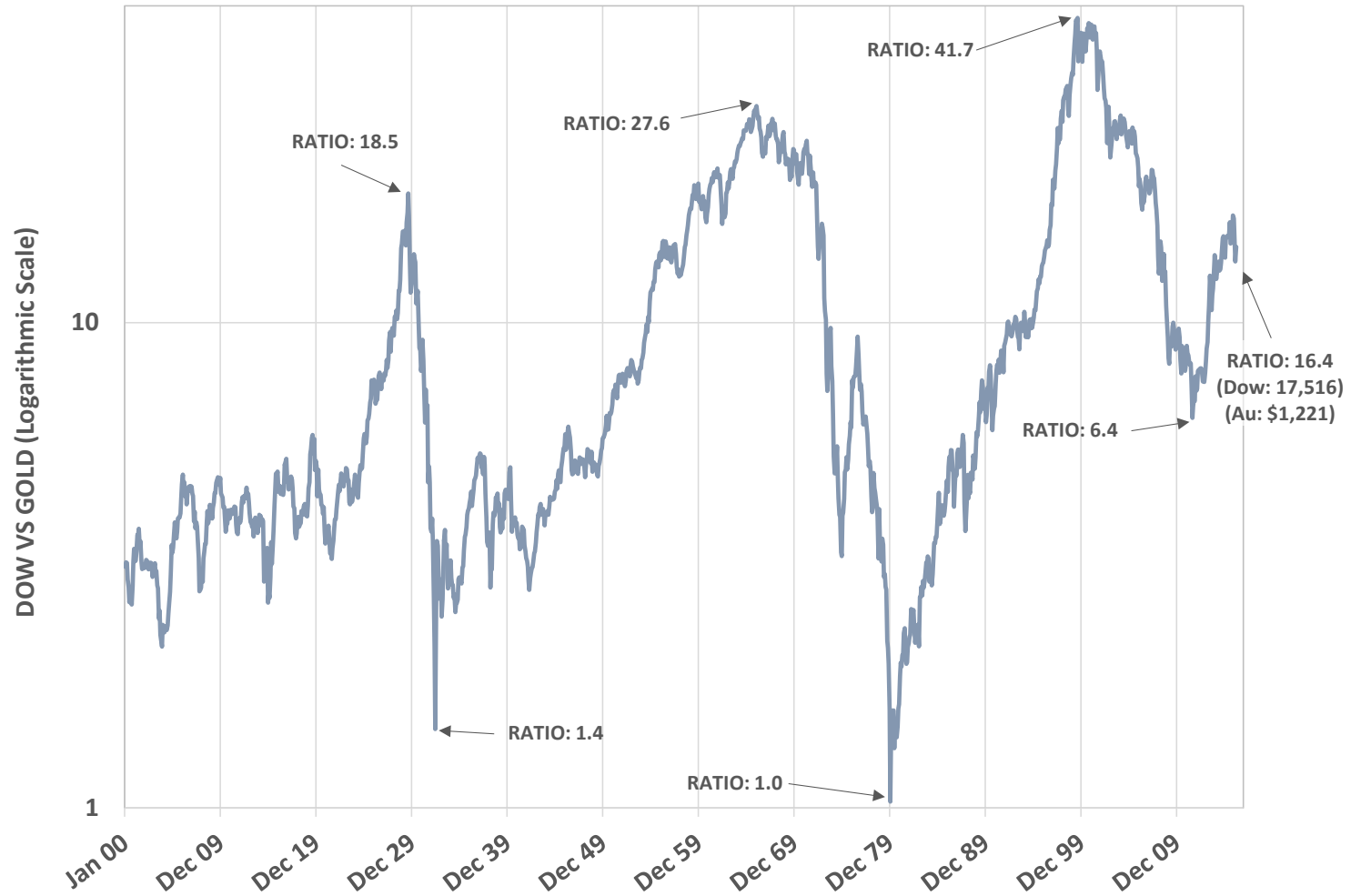
Where Gold Goes From Here: 5 Years All About The USD



Changes to Gold ETF Holdings



How Excited Can We Get...Very!



A Gold Focused Royalty/Stream Company

Market Cap¹

~ US\$11.3 Billion

Available Capital²

~ US\$1.2 Billion

Board of Directors

Pierre Lassonde, Chair

David Harquail, CEO

Tom Albanese

Derek Evans

Graham Farquharson

Dr. Catharine Farrow

Louis Gignac

Randall Oliphant

Hon. David R. Peterson

FNV on TSX & NYSE

S&P/TSX 60

GDX

Free Cash Flow

Margin³ > 75%

Overhead/mkt cap <0.2%

Top Shareholders

Fidelity

BlackRock

T. Rowe Price

Dividend ~1.4%

8 years of increases

US\$0.84 annualized

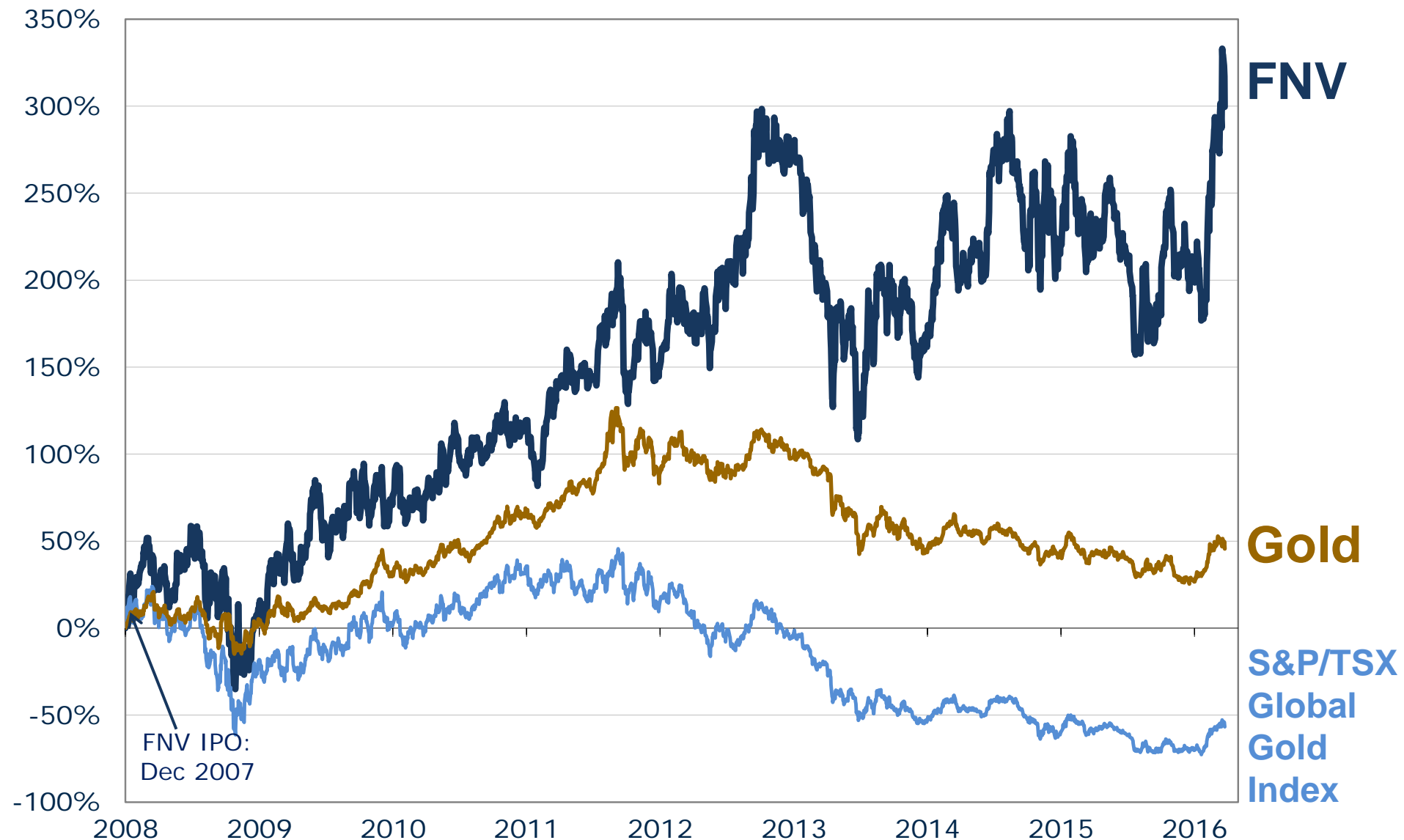
Aristocrat Index

Free cash flow and no debt

1. As at March 23, 2016

2. Please see notes on slide 16

The Gold Investment that Works



FNV IPO:
Dec 2007

FNV

Gold

**S&P/TSX
Global
Gold
Index**

Business Model Benefits

Risk of:	Gold ETF	FNV	Operators
Capital Costs	0%	0% ¹	100%
Operating & Other Costs	0%	0% ¹	100%
Benefit of:			
Leverage to Gold Price	1	>1	>1
Exploration & Expansion	0%	100%	100%
Dividend Yield	(0.4%) ²	~1.4%	0 - 2%

FNV provides yield and more upside than a gold ETF with less risk than an operator

1. Revenue royalties & streams.

2. Source: SPDR® Gold Trust.

Diversified Portfolio

Precious Metal Assets (selected)

U.S.	Goldstrike	Stillwater	Gold Quarry	Marigold	Fire Creek
	Bald Mountain	Mesquite	South Arturo	Hollister	Midas
Canada	Sudbury	Detour	Holt	Musselwhite	Hemlo
	Kirkland Lake	Timmins W.	Cdn. Malartic	Brucejack	Hardrock
Latin America	Antapaccay	Antamina	Candelaria	Palmarejo	Cobre Panama
	Cerro S. Pedro	Cerro Moro	Calcatreu	Gurupi	San Jorge
Rest of World	MWS	Sabodala	Subika	Tasiast	Duketon
	Edikan	Cooke 4	Karma	Henty	Perama Hill

Other Assets (selected)

Weyburn (oil)	Midale (oil)	Edson (gas)	Mt. Keith (Ni)	Relincho (Cu)	Rosemont (Cu)
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