The Role of Gold in Today’s Global Multi-Asset Portfolio

SPDR® Gold Strategy Team

Investors have often used gold tactically in their portfolios, with an aim to help preserve wealth during market corrections, times of geopolitical stress or persistent dollar weakness. But given gold’s historically low or negative correlation with most other asset classes (See Figures 2 and 3), we believe that in addition to gold’s tactical benefits, its function as a core diversifying asset may demonstrate that gold can potentially play a more long-term strategic role in an investor’s portfolio. In fact, research has shown that the modern multi-asset portfolio may be more efficient with a strategic allocation to gold playing a crucial role as a potential core diversifier.1

In this paper, we examine how including gold in a hypothetical multi-asset portfolio that also includes global stocks, various classes of fixed income, real estate, private equity, and commodities may improve its risk-return characteristics. We found that holding between 2% and 10% of SPDR® Gold Shares (GLD®) between January 1, 20052 and September 30, 2019 may have improved the hypothetical portfolio’s cumulative returns and Sharpe ratio and lowered its maximum drawdown, as compared to a portfolio without any gold-backed investments. See Figure 7 for asset weightings of hypothetical portfolios.

Since 1971, when President Nixon removed the US dollar from the gold standard, the price of gold has increased from $43.28/oz. to $1,485.30/oz at the end of September 2019. Since that policy move, which we call “The Initial Public Offering of Gold,” the price of gold (in USD) has increased at a compound annual growth rate (CAGR) of 7.65% per year.3 The IPO of Gold unleashed gold’s longstanding currency-like characteristics, giving it the potential to become a mainstream investment. And in November 2004 that potential became a bit more tangible with the launch of GLD, the first US gold backed exchange traded fund. GLD’s arrival made it convenient and cost effective for investors to hold gold in their multi-asset portfolios. The ETF gathered $1 billion in assets under management in just three days, making it very tradable almost immediately and allowing exposure to gold to rival the ease and efficiency of owning stocks. For more information about GLD click here.

Gold as an Investable Asset: From IPO to ETF

Figure 1
IPO of Gold and SPDR Gold Shares

*See Endnote 4 for additional information.
We see three potential strategic benefits as major reasons why multi-asset portfolio managers should consider including gold in their portfolios:

**Increase Portfolio Diversification** – When building a multi-asset portfolio, investors must consider not only the potential or forecasted risk-return characteristics of a particular asset class, but also how that asset class or market segment behaves relative to other investments and the impact on the portfolio as a whole. Although many investors tend to focus on constructing portfolios with asset classes offering high forecasted risk-adjusted returns, there are potential benefits to including asset classes that move differently relative to one another. A low correlation between the asset classes in a multi-asset portfolio can potentially help lower portfolio volatility and therefore, all else being equal, increase diversification and enhance the overall risk-adjusted return of the portfolio. Figures 2 and 3 depict gold’s historical correlation to major equity and bond indices. These very low or negative correlations highlight the potential long-term diversification benefits of adding gold to a multi-asset portfolio.

**Figure 2**
Gold Has Had Low or Negative Correlation With Major Equity Indices Since 2000

**Figure 3**
Gold Has Had Low or Negative Correlation With Major Bond Indices

Source: Bloomberg Finance L.P., State Street Global Advisors, data from January 1, 2000 to September 30, 2019. Correlations are calculated from monthly returns in USD. Asset classes represented by the following indices — Japanese: MSCI Japan Index; MSCI AC World Daily TR Index; US: S&P 500 Index; European: MSCI Europe Index; APAC ex Japan: MSCI ASIA PAC Ex Japan Index; Gold: LBMA Gold Price PM. Latin America: MSCI Emerging Markets Latin America Index.

**Hedge Tail Risk** – Gold has historically been used to provide potential tail risk mitigation during times of market stress, as it has tended to rise during stock market pullbacks. Figure 4 shows that gold has delivered competitive returns and outperformed other asset classes during a number of past black swan events. This demonstrates that including gold in a multi-asset portfolio may provide investors with a means of moderating market volatility and reducing portfolio drawdown.

Figure 4

**Gold Performance in US Equity Drawdowns ≥ 15%**

- Gold Price Return
- S&P 500 Total Return


Past performance is not a guarantee of future results. Performance above does not reflect charges and expenses associated with the fund or brokerage commissions associated with buying and selling exchange traded funds. Performance above is not meant to represent the performance of any investment product.

**Manage Inflation** – Gold has historically fared well during various inflationary regimes, but it is often viewed as beneficial only during periods of heightened price inflation – like that experienced during the OPEC oil crisis in the 1970s. But gold may not just act as a potential hedge against price inflation. In fact, gold’s long track record as a store of value may be driven by its ability to preserve wealth and purchasing power over time by hedging both price inflation and currency devaluation (monetary inflation).

Looking more closely at price inflation, gold has preserved purchasing power across multiple price inflation environments. Its ability to perform well through varied inflation scenarios is supported by the fact that several factors beyond inflation may influence the price of gold, including interest rates and multiple supply/demand forces. Analyzing gold’s price performance since 1970 shows that during periods when the annual rate of inflation in the US has been below 2%, the gold price has risen at an average rate of 7.8% a year. But gold has shown its greatest effectiveness in preserving purchasing power when price inflation has been running above 5% a year. During such times, the gold price has increased by an average annual rate of 16.2%.
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Figure 5
Gold Returns in Different Inflation Scenarios

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The Interest Rate Effect – The price of gold is also influenced by real rates of return. One of the main reasons why the price of gold did not appreciate during the 1980s and 1990s was because interest rates were nominally higher than they are today and other asset classes were performing so well. Conversely, as Figure 6 illustrates, gold has generally appreciated at times when real returns on assets like bonds have been low.

In the 1980s, T-notes averaged a real rate of return of 4.50%; in the 1990s, it averaged 3.44%. Real returns continued to drop in the first decade of the new century, averaging 2.28%. Since 2010, real rates have averaged 0.58% — with a steady decline since the Global Financial Crisis and the advent of new central bank policies that followed, such as negative interest rates or quantitative easing. Notably, the last time real rates were this low was in the 1970s when they averaged 1.03%.

These lower real rates were one of the major drivers supporting the price of gold appreciating from $43 an ounce at the time of the “IPO of Gold” to $850 early in 1980. The prevailing environment of low-to-negative real rates around the world has continued to support gold’s price in recent years, as shown in Figure 6.

Figure 6
Gold Returns vs. Real T-Note Rates Since 1970

Source: Bloomberg Finance, L.P., State Street Global Advisors, as of September 30, 2019. Gold Price represented by LBMA Gold Price; Real Rates represented by 10-year Treasury note yield minus US core Consumer Price Index (excluding food and energy). Past performance is not a guarantee of future results. Performance above does not reflect charges and expenses associated with the fund or brokerage commissions associated with buying and selling exchange traded funds. Performance above is not meant to represent the performance of any investment product.
Strategic Allocation to GLD in a Global Multi-Asset Portfolio – “A Case for Global Diversification: Harnessing the Global Multi-Asset Market Portfolio” by State Street Global Advisors’ Investment Solutions Group (ISG) examined the global investable opportunity set and its implications for investors. They defined the Global Multi-Asset Market Portfolio (GMP) as the portfolio consisting of all investable capital assets, where the proportion invested in each asset corresponds to that asset’s market value divided by the sum of the market value of all assets in the portfolio. It is the sum of all investors’ holdings and a de facto proxy for the investable opportunity set available to all investors globally, or what is usually known as the “market portfolio.” This represents a good starting point for many investors looking to build a globally diversified investment portfolio.

To examine the potential results of adding a 2%, 5% or 10% strategic allocation to GLD into a multi-asset portfolio, we constructed hypothetical global multi-asset portfolios based on the concept of the GMP developed by ISG by:

- Replicating the asset classes in the GMP with noninvestable market indices
- Slightly adjusting each asset weighting in the GMP to include commodities and assume no gold exposure at the start (Portfolio A)
- Subtracting the percentage to be allocated to gold equally from the equities and government bonds asset classes (the two asset classes with the highest weights) to add in GLD at 2% (Portfolio B), 5% (Portfolio C) and 10% (Portfolio D)

<table>
<thead>
<tr>
<th>Asset Class</th>
<th>Investable Market Indices &amp; ETF</th>
<th>Weighting (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equity</td>
<td>MSCI AC World Daily TR Index</td>
<td>40 39 37.5 35</td>
</tr>
<tr>
<td>Total Equity</td>
<td></td>
<td>40 39 37.5 35</td>
</tr>
<tr>
<td>Government Bonds</td>
<td>Bloomberg Barclays Global Aggregate Government Bond Index TR</td>
<td>25 24 22.5 20</td>
</tr>
<tr>
<td>IG Credit</td>
<td>Bloomberg Barclays Global Aggregate Corporation Bond TR Index</td>
<td>16 16 16 16</td>
</tr>
<tr>
<td>Inflation Linked Bonds</td>
<td>Bloomberg Barclays World Inflation Linked Bond TR Index</td>
<td>2 2 2 2</td>
</tr>
<tr>
<td>HY Bonds</td>
<td>Bloomberg Barclays Global Corporate High Yield Bond TR Index</td>
<td>2 2 2 2</td>
</tr>
<tr>
<td>EM Debt</td>
<td>Bloomberg Barclays Emerging Markets USD Aggregate Bond TR Index</td>
<td>5 5 5 5</td>
</tr>
<tr>
<td>Total Fixed Income</td>
<td></td>
<td>50 49 47.5 45</td>
</tr>
<tr>
<td>Real Estate</td>
<td>Global Property Research General TR Index</td>
<td>4 4 4 4</td>
</tr>
<tr>
<td>Private Equity</td>
<td>LPX Composite Listed Private Equity TR Index</td>
<td>4 4 4 4</td>
</tr>
<tr>
<td>Commodities</td>
<td>Bloomberg Commodity Index TR</td>
<td>2 2 2 2</td>
</tr>
<tr>
<td>Gold</td>
<td>SPDR® Gold Shares (GLD®)</td>
<td>0 2 5 10</td>
</tr>
<tr>
<td>Total Alternative</td>
<td></td>
<td>10 12 15 20</td>
</tr>
<tr>
<td>Hypothetical Portfolio Total</td>
<td></td>
<td>100 100 100 100</td>
</tr>
</tbody>
</table>

Source: State Street Global Advisors, as of September 30, 2019. The asset allocation scenario is for hypothetical purposes only and is not intended to represent a specific asset allocation strategy or recommend a particular allocation. Each investor’s situation is unique and asset allocation decisions should be based on an investor’s risk tolerance, time horizon and financial situation. It is not possible to invest directly in an index.
From a risk-adjusted return perspective, our hypothetical blended portfolio results showed that adding a 2%, 5% or 10% allocation to GLD in the portfolio would have improved Sharpe ratios. Further, the results demonstrated that this hypothetical scenario would have outperformed multi-asset portfolios with identical index exposure but without equivalent allocations to GLD. From a risk management perspective, hypothetical portfolios with a GLD allocation had lower maximum drawdowns, with a 10% allocation to GLD reducing maximum drawdown by almost 390 bps. Given that adding a 2% to 10% strategic asset allocation to GLD in a hypothetical multi-asset portfolio between January 1, 2005 and September 30, 2019 improved risk-adjusted return and reduced maximum drawdown compared with the portfolio without any exposure to gold-backed investments, global multi-asset portfolio managers should consider the merits of including gold in their portfolios.

From the results shown below in Figure 9, we found that under our hypothetical scenario:

- Portfolios B, C and D had higher Sharpe ratios, lower maximum drawdowns and lower standard deviations with higher returns compared with Portfolio A, the portfolio with no exposure to gold
- Portfolio D had the highest Sharpe Ratio (0.52) and highest cumulative return (135.88%)
- Portfolio D had the lowest maximum drawdown (-29.43%)
While investment in physical gold bullion is the most direct way to invest in gold, it may involve higher ongoing costs for transport, storage and insurance. Gold mining company shares are another way to gain exposure to gold, but their growth and performance also depend on effective management, production costs, reserves and exploration, among other factors. Gold futures are also widely used by some investors looking for exposure to gold and have the benefit of being traded in standardized contracts on exchanges. Futures do not require full funding up front, which may be preferable to those investors looking for leverage, but the requirement to regularly roll futures contracts to maintain exposure does mean ongoing management of the gold position is required for a longer-term strategic allocation.

Physical-backed gold ETFs, like GLD, may help to eliminate many of the issues mentioned above, as ETFs seek to provide investors a relatively transparent and cost-effective way to track the price of gold. The “IPO of Gold” helped legitimize gold as an asset class in 1971, and the arrival of GLD in November 2004 transformed gold into an accessible mainstream investment. We believe that as the size and the number of investable asset classes continue to grow, gold - an asset with historically low and negative correlation with other asset classes - may play a more central strategic role in multi-asset portfolios and GLD may offer investors the transparency and convenience in one cost-effective wrapper.
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Figure 10
Gold ETFs vs. Other Gold Investment Vehicles

<table>
<thead>
<tr>
<th>Potential Advantages</th>
<th>Gold ETFs</th>
<th>Mutual Funds</th>
<th>Gold Futures</th>
<th>Gold Mining Stocks</th>
<th>Gold Bars or Coins</th>
<th>Paper Gold Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Transparency</td>
<td>• Mostly actively managed</td>
<td>• Leverage</td>
<td>• Leverage</td>
<td>• Physical possession</td>
<td>• Ease of use</td>
</tr>
<tr>
<td></td>
<td>• Intraday Trading Capability’</td>
<td>• May be able to generate alpha</td>
<td>• Intraday Trading Capability’</td>
<td>• Offers operating and financial leverage</td>
<td>• Transparency</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mostly backed by physical gold</td>
<td></td>
<td>• Relatively large positions with low commissions</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Consideration</th>
<th>Gold ETFs</th>
<th>Mutual Funds</th>
<th>Gold Futures</th>
<th>Gold Mining Stocks</th>
<th>Gold Bars or Coins</th>
<th>Paper Gold Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Asset-Weighted Expense ratio (≈35 bps)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Potentially higher management fees than ETFs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Portfolios may include other asset classes in addition to gold</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Management of position</td>
<td>• Basis risk</td>
<td>• Have not exhibited perfect tracking to gold price</td>
<td>• Exposed to company specific factors</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trade Characteristics</th>
<th>Gold ETFs</th>
<th>Mutual Funds</th>
<th>Gold Futures</th>
<th>Gold Mining Stocks</th>
<th>Gold Bars or Coins</th>
<th>Paper Gold Accounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Tactical and Strategic</td>
<td>• Strategic</td>
<td>• Tactical</td>
<td>• Tactical and Strategic</td>
<td>• Strategic</td>
<td>• Strategic</td>
<td></td>
</tr>
</tbody>
</table>

Source: State Street Global Advisors, Bloomberg Finance L.P., as of September 30, 2019. There can be no assurance that a liquid market will be maintained.

Figure 11
SPDR Gold Shares Standard Performance as of September 30, 2019

<table>
<thead>
<tr>
<th>NAV</th>
<th>Market Value</th>
<th>LBMA Gold Price PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Month (%)</td>
<td>QTD (%)</td>
<td>YTD (%)</td>
</tr>
<tr>
<td>-2.85</td>
<td>5.31</td>
<td>15.55</td>
</tr>
<tr>
<td>-2.82</td>
<td>5.42</td>
<td>16.13</td>
</tr>
</tbody>
</table>

Source: Gross Expense Ratio: 0.40%. The gross expense ratio is the fund’s total annual operating expense ratio. It is gross of any fee waivers or expense reimbursements and can be found in the fund’s most recent prospectus. Performance quoted represents past performance, which is no guarantee of future results. Investment return and principal value will fluctuate, so you may have a gain or loss when shares are sold. Current performance may be higher or lower than that quoted. Visit spdrs.com for most recent month end performance.
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Maxwell Gold, CFA, Head of Gold Strategy

SPDR Gold Shares was listed on the New York Stock Exchange on November 18, 2004, so returns of our hypothetical blended portfolio began with the first full year of GLD’s existence.


From 1900–1967, the dollar price of gold is calculated from the average annual exchange rates of the dollar against the British pound taken from a table published for the London and Cambridge Economic Service by Times Newspapers Ltd. as part of The British Economy: Key Statistics. From 1968 — March 19, 2015, the gold price is based on the London Gold Fix, a daily survey of spot gold prices conducted by telephone. From March 20, 2015-present, the gold price is based on the LBMA Gold Price, which is determined twice each business day (10:30 a.m. and 3:00 p.m. London time) by participants in a physically settled, electronic and tradable auction. All gold prices from 1968-present based on data compiled by Bloomberg Finance L.P. Performance quoted of SPDR Gold Shares above represents past performance, which is no guarantee of future results. Investment return and principal value will fluctuate, so you may have a gain or loss when shares are sold. Current performance may be higher or lower than that quoted. Visit spdrs.com for most recent month end performance.

Robin Tsui, CAIA
APAC Gold Strategist

For further information call 866.320.4053 or go to spdr.com/gold

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Endnotes


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Global Property Research General Index – A broad-based global real estate benchmark that contains all listed real estate companies that conform to General Property Research's index-qualification rules, bringing the number of index constituents to more than 650. The index's inception date was Dec. 31, 1985.

Gold Standard – A monetary standard under which the basic unit of currency is defined by a stated quantity of gold. In 1971 US President Richard Nixon ended the ability to convert US dollars into gold at the fixed price of $35 per ounce.

LBMA Gold Price – The LBMA Gold Price is determined twice each business day – 10:30 a.m. London time (i.e., the LBMA Gold Price AM) and 3:00 p.m. London time (i.e., the LBMA Gold Price PM) by the participants in a physically settled, electronic and tradable auction.

LPX Composite Listed Private Equity Index – A broad global listed private equity index whose number of constituents is not limited. The LPX Composite includes all major private equity companies listed on global stock exchanges that fulfills the index provider's liquidity criteria. The index composition is well diversified across listed private equity categories, styles, regions and vintage years. The index has two versions: a price index (PI) and a total return index (TRT) that includes all payouts.

MSCI ACWI Index, or MSCI All Country World Index – A free-float weighted global equity index that includes companies in 23 emerging market countries and 23 developed market countries and is designed to be a proxy for most of the investable equities universe around the world.

Real Rate of Return – The return realized on an investment, usually expressed annually as a percentage, which is adjusted to reflect the effects of inflation or other external factors, on the so-called nominal return. The real rate of return is calculated as follows: Real Rate of Return = Nominal Interest Rate – Inflation.

Sharpe Ratio – A measure for calculating risk-adjusted returns that has become the industry standard for such calculations. It was developed by Nobel laureate William F. Sharpe. The Sharpe ratio is the average return earned in excess of the risk-free rate per unit of volatility or total risk. The higher the Sharpe ratio the better.

Sovereign Debt Crisis – A period of time beginning in 2008 when several European countries on the periphery of the Eurozone became unable to repay or refinance government debt or bail out banks without the assistance of the European Central Bank and the International Monetary Fund. It was brought to heel in July 2012 with the ECB's pledge to save the euro and the Eurozone at all costs. While the crisis began with the collapse of two Bear Stearns hedge funds in June 2007, and the stabilization period began in late 2008 and continued until the end of 2009.

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Debt Ceiling Crisis – A contentious debate in July 2011 regarding the maximum amount of money that the US government should be allowed to borrow. Congress did end up immediately raising the “debt ceiling” by $400 billion, from $14.3 trillion to $14.7 trillion, with the possibility of future increases included in the agreement as well, but the contentious nature of the debate led Standard and Poor’s to downgrade the US’ credit rating from AAA to AA+, even though the US did not default.

Debt Ceiling Crisis
– A benchmark that provides a measure of the performance of the US dollar denominated investment grade bond market, which includes investment grade government bonds, investment grade corporate bonds, mortgage pass through securities, commercial mortgage backed securities.

Bloomberg Barclays U.S. Treasury Bond Index – A benchmark of US dollar denominated, fixed-rate, nominal debt issued by the US Treasury. Treasury bills are excluded by the maturity constraint, but are part of a separate Short Treasury Index.

Bloomberg Commodity Index – A broadly diversified commodity price index distributed by Bloomberg Indexes that tracks 22 commodity futures and seven sectors. No one commodity can compose less than 2 percent or more than 15 percent of the index, and no sector can represent more than 33 percent of the index.

Brexit – An abbreviation of the term “British Exit” referring to the UK referendum on June 23, 2016 that resulted in the country’s decision to withdraw from the European Union.

CPI, or Consumer Price Index – A widely used measure of inflation at the consumer level that helps to evaluate changes in cost of living.

Debt Ceiling Crisis
– A benchmark that provides a measure of the performance of the US dollar denominated investment grade bond market, which includes investment grade government bonds, investment grade corporate bonds, mortgage pass through securities, commercial mortgage backed securities.

Global Financial Crisis – The economic crisis that occurred from 2007-2009 that is generally considered the biggest economic challenge since the Great Depression of the 1930s. The GFC was triggered largely by the sub-prime mortgage crisis, which led to the collapse of systemically vital US investment banks such as Lehman Brothers. The crisis began with the collapse of two Bear Stearns hedge funds in June 2007, and the stabilization period began in late 2008 and continued until the end of 2009.
resulting in increased volatility of returns. Growth stocks may underperform stocks in other broad style categories (and the stock market as a whole) over any period of time and may shift in and out of favor with investors generally, sometimes rapidly.

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Important risk information
Investing involves risk, and you could lose money on an investment in SPDR® Gold Trust (“GLD”).

ETFs trade like stocks, are subject to investment risk, fluctuate in market value and may trade at prices above or below the ETFs’ net asset value. Brokerage commissions and ETF expenses will reduce returns. Frequent trading of ETFs could significantly increase commissions and other costs such that they may offset any savings from low fees or costs. While the shares of ETFs are tradable on secondary markets, they may not readily trade in all market conditions and may trade at significant discounts in periods of market stress.

There can be no assurance that a liquid market will be maintained for ETF shares.

Diversification does not ensure a profit or guarantee against loss.

Commodities and commodity-index linked securities may be affected by changes in overall market movements, changes in interest rates, and other factors such as weather, disease, embargoes, or political and regulatory developments, as well as trading activity of speculators and arbitrageurs in the underlying commodities. Investing in commodities entails significant risk and is not appropriate for all investors.

Important Information Relating to SPDR® Gold Trust (“GLD”): The SPDR Gold Trust ("GLD") has filed a registration statement (including a prospectus) with the Securities and Exchange Commission ("SEC") for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration statement and other documents GLD has filed with the SEC for more complete information about GLD and this offering. Please see the GLD prospectus for a more detailed discussion of the risks of investing in GLD shares. The GLD prospectus is available by clicking here (hotlink). You may get these documents for free by visiting EDGAR on the SEC website at sec.gov or by visiting spdrgoldshares.com. Alternatively, the Trust or any authorized participant will arrange to send you the prospectus if you request it by calling 866.320.4053.

GLD is not an investment company registered under the Investment Company Act of 1940 (the “1940 Act”) and is not subject to regulation under the Commodity Exchange Act of 1936 (the “CEA”). As a result, shareholders of the Trust do not have the protections associated with ownership of shares in an investment company registered under the 1940 Act or the protections afforded by the CEA.

GLD shares trade like stocks, are subject to investment risk and will fluctuate in market value. The value of GLD shares relates directly to the value of the gold held by GLD (less its expenses), and fluctuations in the price of gold could materially and adversely affect an investment in the shares. The price received upon the sale of the shares, which trade at market price, may be more or less than the value of the gold represented by them. GLD does not generate any income, and as GLD regularly sells gold to pay for its ongoing expenses, the amount of gold represented by each Share will decline over time to that extent.

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For more information, please contact the Marketing Agent for GLD: State Street Global Advisors Funds Distributors, LLC, One Iron Street, Boston, MA, 02210; T: +1 866 320 4053 spdrgoldshares.com.

Before investing, consider the funds’ investment objectives, risks, charges and expenses. To obtain a prospectus which contains this and other information, call 866.787.2257 or visit spdrs.com. Read it carefully.

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