

DECEMBER 2024

Class A: GSZAX | Class C: GSZCX | Class IR: GZIRX | Class I: GSZIX | Class R6: GSZUX | Class R: GSZRZ

Overview

Over the quarter, the US labor market appeared to stabilize while growth continued to be robust. In response, the US Federal Reserve (Fed) delivered a 25bps cut in both November and December while hinting at a pause in January, signaling potential for a more gradual easing cycle compared to DM peers. The quarter was also marked by volatility stemming from the US presidential election as market participants responded to a Republican sweep and the potential for additional tariffs, a renewal of the Tax Cuts and Jobs Act, and deregulation leading to higher growth and inflation.

We are focused on three key investment opportunities: accessing income potential, adopting a dynamic approach, and adapting to divergent easing cycles. Healthy economic and credit fundamentals continue to offer opportunities for earning income across fixed income sectors, including corporate and securitized credit. High valuations are not a barrier to further gains if these fundamentals remain strong, as demonstrated in 2024, but active security selection is essential. Furthermore, with a new US policy agenda widening the range of potential outcomes, it is crucial to maintain diversified exposures and adopt a dynamic approach to security and sector allocations to capture emerging opportunities and navigate tail risks. Lastly, we anticipate the Fed to proceed gradually while the ECB and BoE deliver more decisive paths to easing. In all cases, we believe active management is essential to capture opportunities.

PERFORMANCE ATTRIBUTION

Contributors

Our Securitized selection strategy was a positive contributor to performance over the quarter, driven by our exposures to Non-Agency MBS and CLOs. Our selection of Agency MBS also added to returns. In addition, our Currency strategy contributed to performance due to our long position in the US Dollar.

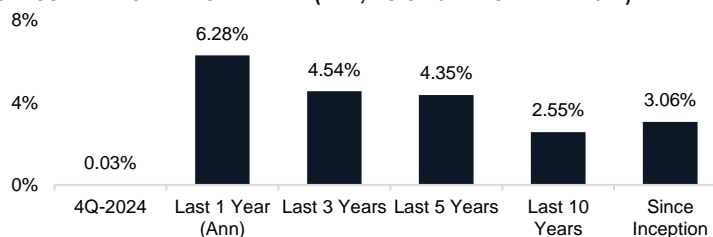
Detractors

Our Cross-Sector strategy detracted from returns driven by our strategic duration position and our credit hedge. Our overweight to corporate credit and securitized credit helped offset some of the underperformance. The Government/Swaps strategy also subtracted from performance due to our positioning for a steeper yield curve in the US and Europe.

CLASS I RANKINGS AS OF 31 DECEMBER 2024

Overall Morningstar Ratings	Morningstar Total Return % Ranking	
★★★★	1 Year	43% out of 276 funds
(260 Nontraditional Bond Funds based on Risk-Adjusted Returns)	3 Year	15% out of 260 funds
	5 Year	13% out of 238 funds
	10 Year	54% out of 166 funds

CLASS I PERFORMANCE AT NAV (NET, AS OF 31 DECEMBER 2024)



ASSET CLASS COMPOSITION (AS OF 31 DECEMBER 2024)

Governments	4.6%	Corporate - Investment Grade	12.7%
Quasi-Governments	1.0%	Corporate - High Yield	26.0%
Municipal	0.0%	Collateralized Loan Obligations	17.4%
ABS	2.6%	Bank Loans	7.4%
CMBS	18.5%	Emerging Market Debt	5.1%
Agency RMBS	20.7%	Cash	-6.9%
Non-Agency RMBS	9.5%	Derivatives	-18.6%

SUMMARY STATISTICS (AS OF 31 DECEMBER 2024)

AUM (All Share Classes)	USD 805 mm
Total Average Duration ¹	1.52 years
30-Day SEC Yields (I-Shares), Subsidized/Unsubsidized ²	5.31% / 5.22%
Best/Worst Month Returns In Last 1 Year (%)	2.33 / -1.19
Number of Positive / Negative Quarters	41 / 17 out of 58 Quarters
Best / Worst Quarterly Return (%)	9.75 2Q20 / -7.37 1Q20
Expense Ratios (I-Shares), Net/Gross	0.71% / 0.82%

Inception Date: June 30, 2010. **Standardized Total Net Returns for Class I shares for the period ending December 31, 2024: Since Inception: 3.06%; 1 yr: 6.28%; 5 yr: 4.35%; 10 yr: 2.55%.**

The Standardized Total Returns are average annual total returns or cumulative total returns (only if the performance period is one year or less) as of the most recent calendar quarter-end. They assume reinvestment of all distributions at net asset value. Because Institutional Shares do not involve a sales charge, such a charge is not applied to their Standardized Total Returns. The returns represent past performance. Returns less than one year are cumulative, not annualized.

Past performance does not guarantee future results. The Fund's investment return and principal value will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance quoted above. Please visit our Web site at: www.am.gs.com to obtain the most recent month-end returns.

Source: Goldman Sachs Asset Management. Data as of 31 December 2024.

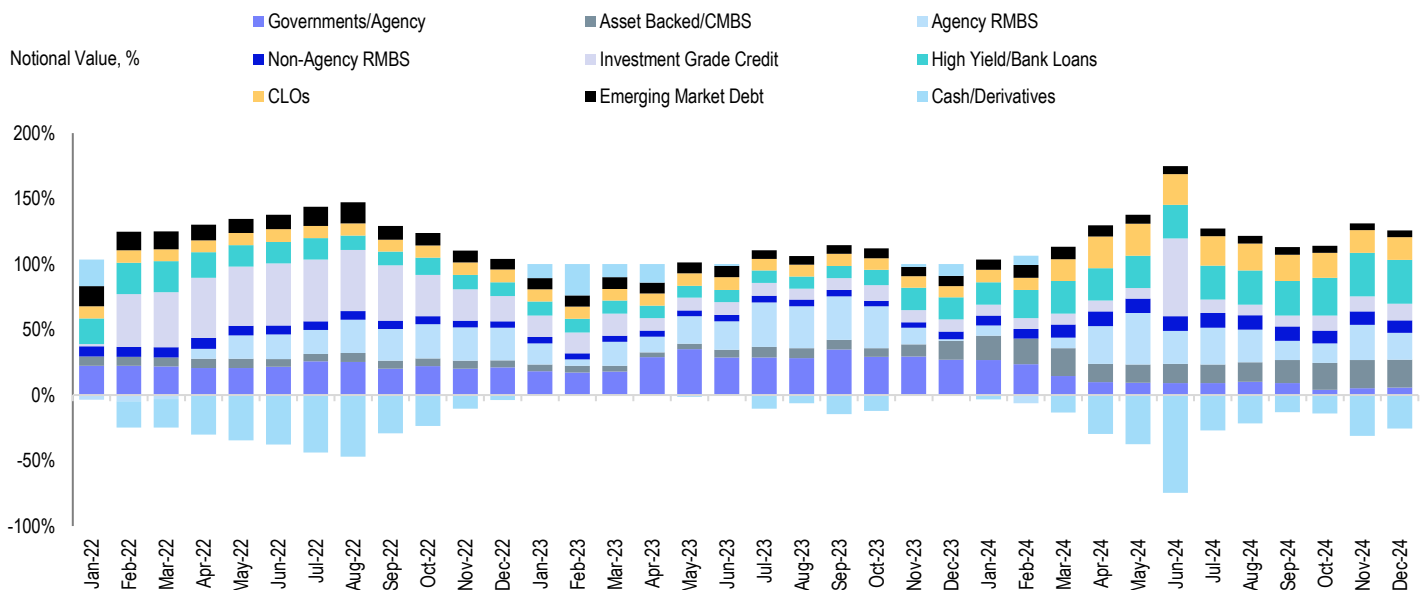
Morningstar Risk-Adjusted Ratings: Nontraditional Bond Category- Class I-Shares - 1 Year 3 stars out of 276 funds, 3 Year 4 stars out of 260 funds, 5 Year 5 star out of 238 funds, 10 Year 3 star out of 166. 1.Total Average Duration: Duration is a measure of the sensitivity of the price of a bond or portfolio to a change in interest rates paid. The larger the number (positive or negative), the greater the change in price for given changes in interest rates. When duration is positive a rise in interest rates results in a fall in price while for a negative duration a rise in interest rates results in a rise in price. Interest Rate Duration: This is a modified measure of Total Average Duration that has been estimated by Goldman Sachs Asset Management. This modified measure seeks to take account of the different behaviors of different bond markets around the world by re-expressing all duration exposures to a common US market standard. The goal is to improve the estimate of the portfolio's sensitivity to changes in interest rates. This estimate is guided by historical market observations amongst markets which are themselves subject to change over time and may not necessarily be reflected by the actual outcome. 2. The method of calculation of the **30-Day Standardized Subsidized Yield** is mandated by the Securities Exchange Commission and is determined by dividing the net investment income per share earned during the last 30 days of the period by the maximum public offering price ("POP") per share on the last day of the period. This number is then annualized. The 30-Day Standardized Subsidized Yield reflects fee waivers and/or expense reimbursements recorded by the Fund during the period. Without waivers and/or reimbursements, yields would be reduced. This yield does not necessarily reflect income actually earned and distributed by the Fund and, therefore, may not be correlated with the dividends or other distributions paid to shareholders. The **30-Day Standardized Unsubsidized Yield** does not adjust for any fee waivers and/or expense reimbursements in effect. If the Fund does not incur any fee waivers and/or expense reimbursements during the period, the 30-Day Standard Subsidized Yield and 30-Day Standardized Unsubsidized Yield will be identical. 3. The Distribution Rate is the net annualized distribution rate for the month, based on the average daily income dividend during the period and the ending net asset value (NAV) per unit. The NAV is the market value of one share of the Fund. See page 8 for additional Morningstar disclosures.

Performance and Portfolio Characteristics

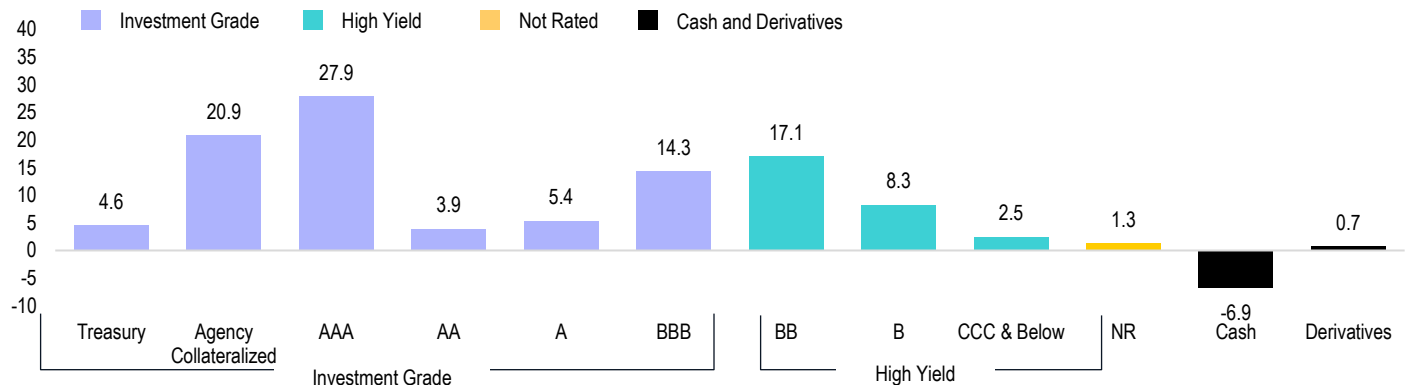
ATTRIBUTION SUMMARY (BPS)³

	YTD	Last 1 Year	Last 3 Years	Last 5 Years	Last 10 Years
Net Excess Return	105	105	65	189	79
Gross Excess Return	175	174	135	259	145
MACRO STRATEGIES	55	55	97	66	59
SECTOR ALLOCATION	117	117	16	185	109
SECURITY SELECTION	66	66	92	67	15

SECTOR ALLOCATIONS (LAST 36 MONTHS)



CREDIT RATING ALLOCATION (MV%) AS OF 31 DECEMBER 2024



Source: Goldman Sachs Asset Management. As of December 31, 2024. **Past performance does not guarantee future results, which may vary.**

3. The sum of attribution returns from each strategy may not add up to the gross excess return due to the difference between the fixed income proprietary risk and attribution model and the official Goldman Sachs Asset Management performance system may be due to varying pricing, valuation, and data sources, as well as ad hoc custodian and accounting reconciliations. Fund holdings and allocations shown are unaudited, and may not be representative of current or future investments. Fund holdings and allocations may not include the Fund's entire investment portfolio, which may change at any time. Fund holdings should not be relied on in making investment decisions and should not be construed as research or investment advice regarding particular securities. Current and future holdings are subject to risk.

Top-Down Macro Strategies

Duration

- Sovereign rates rallied over the quarter as market focus remained on inflationary pressures. The US Federal Reserve cut rates by 25bps in December though pivoted in a more hawkish stance as growth data continued to surprise to the upside in the form of US PMI and retail sales. The Bank of England (BoE) also cut policy rates by 25bps and signaled a more hawkish approach, sparking concerns as to how aggressively the ECB will cut in 2025. The Bank of Japan maintained its policy rate at 0.25% though noted further increases in inflation would prompt a hike.
- We remained biased for the forward US yield curve to steepen and rates to rally though recognize that uncertainty around inflation raises the possibility of a more hawkish Fed stance. We also see value in non-US markets such as the UK where we are long rates. Our option adjusted duration positioning is currently long relative to the benchmark.

Country

- In the cross-market space we hold US rates as a short against markets where we believe there is more scope to rally. In Europe, potential tariffs as well as domestic political uncertainties pose downside risks to growth. We expect the ECB to ease policy in consecutive 25bps cuts and bring rates below neutral to a terminal rate of 1.50%. However, if downside risks crystalize, this could prompt larger cut increments or a terminal rate further below neutral. Most of our steepening risk therefore is now held in the European curve.
- We are long UK rates as we expect more BoE easing than is currently priced with a cut in February and are focused on the potential for consecutive cuts in 2025. Furthermore, the UK's exposure to any global growth slowdown resulting from higher tariffs could tilt the balance of risks.
- By contrast, we are short Japanese rates as post-US election weakness in the Japanese yen is likely to outweigh tariff risks, pushing the BoJ into further hikes. We believe that wage growth will remain strong, supporting our short position. Looking forward, we expect at least two hikes this year.

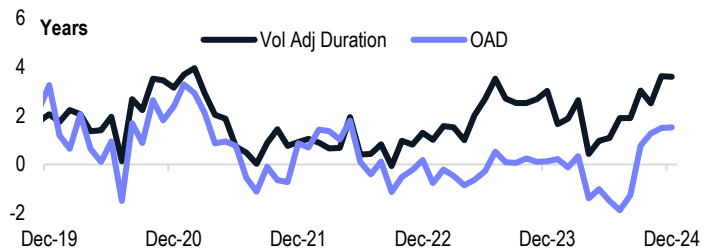
Currency

- We remained overweight the US dollar throughout the quarter, both in cash and options, as well as positioning for higher dollar volatility. Our view is that the dollar will continue to drift higher as the impacts of Trump's election win are priced in, with tariff and immigration policies in particular focus.
- Elsewhere in the G10, we are underweight the Euro on political volatility and structural competitiveness concerns, while remaining underweight the British pound and overweight the Japanese yen.

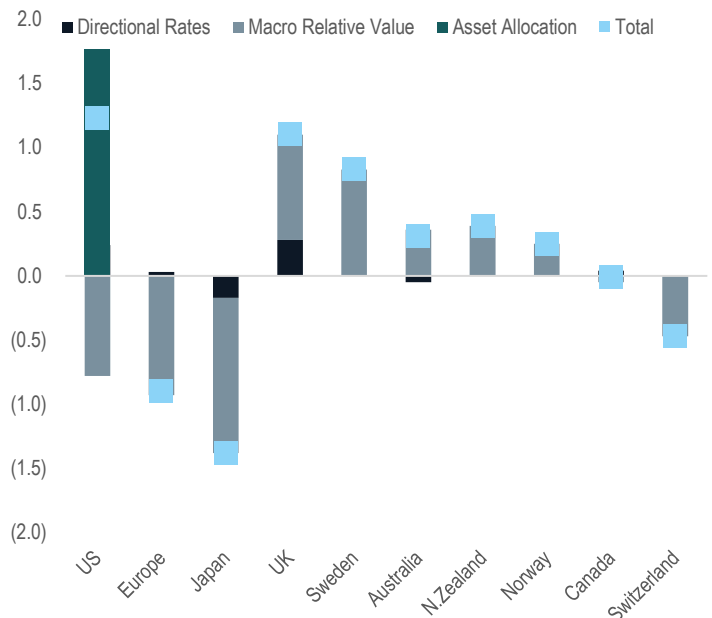
DURATION (YEARS)

	PORTFOLIO	BENCHMARK
Option Adjusted Duration	1.52	0.23
Volatility Adjusted Duration	3.61	0.07

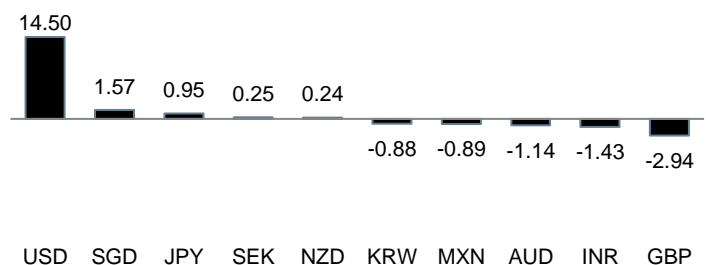
VOLATILITY-ADJUSTED DURATION⁴ AND OPTION ADJUSTED DURATION (YEARS)



STRATEGY DURATION BY CURRENCY OF ISSUE (OAD, NET YEARS)



NET CURRENCY EXPOSURE IN MARKET VALUE (MV%)



Source: Goldman Sachs Asset Management. Data as of 31 December 2024.

4. Volatility-Adjusted Duration: This is a modified measure of Total Average Duration that has been estimated by Goldman Sachs Asset Management. This reflects the general proxy for interest rate sensitivity across the portfolio, incorporating the Duration Team's active views on interest rates of G4 countries, the Country Team's relative value trades in interest rates of various countries, and other strategy teams' views within the portfolio. As a result, there could be long and short trades that contribute to the overall interest rate duration, irrespective of the Duration Team's views. This modified measure seeks to take account of the different behaviors of different bond markets around the world by re-expressing all duration exposures to a common US market standard. The goal is to improve the estimate of the portfolio's sensitivity to changes in interest rates. This estimate is guided by historical market observations amongst markets which are themselves subject to change over time and may not necessarily be reflected by the actual outcome. Interest rate duration measures the Fund's total holdings, and reflects an "other" category which aggregates interest rate duration contributed by any countries in the portfolio outside of the US, Europe, UK and Japan.

Bottom-Up Sector Strategies

Securitized

- We varied our Agency MBS positioning over the period though we remain long exposure due to attractive technicals due to bank demand. On the demand side, the steeper yield curve drove an increase in bank demand. Foreign demand in MBS, along with the stated bank demand, should continue to support tightening in production coupons. Furthermore, inflows into Fixed Income money managers should also support the sector.
- We have maintained our overweight to Ginnie Mae versus Conventional MBS based on our belief in a continued resurgence in bank demand for the product, especially given its capital treatment versus Conventionals. We are broadly long securitized credit sectors motivated by our conviction in their strong carry profiles versus other fixed income products. Within CLOs, the fundamental landscape remains healthy, with leveraged loan defaults remaining steady YTD. We are also long CMBS via exposure in Conduit and SASB. We view the sector to be well-positioned amidst the Fed cutting cycle that will likely support commercial real estate (CRE) asset valuations and loan refinancing success though we recognize that active security selection remains critical.

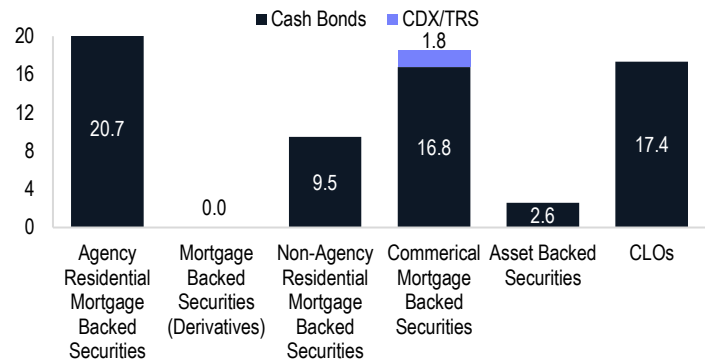
Corporate Credit

- We maintain a modest overweight to credit beta given an overall benign macro backdrop and solid credit fundamentals. We view absolute yield levels as attractive for the asset class to benefit from strong income generation. In aggregate, corporate fundamentals remain healthy with key credit metrics such as leverage, debt servicing capacity, profitability, and liquidity positions all in good standing. While there has been some increase in capital deployment, cash relative to total assets remains adequate. The anticipated relaxation of antitrust enforcement and improved sentiment could spur M&A activity, but we do not believe this will necessarily be credit unfriendly. We continue to prefer counter-cyclical companies that can withstand a potential deceleration in nominal growth, such as large banks.
- We remain constructive on the high yield asset class given its attractive yield, solid credit fundamentals and pushed out maturity profile, driven by robust capital markets activity. In addition, the secular ratings improvement for the market overall, seen over the past decade, provides incremental support for current valuations. We are modestly long-beta positioned and expect to selectively utilize potential spread widening episodes to increase exposure, especially where catalysts could drive a refinancing that would speed the pull to par.

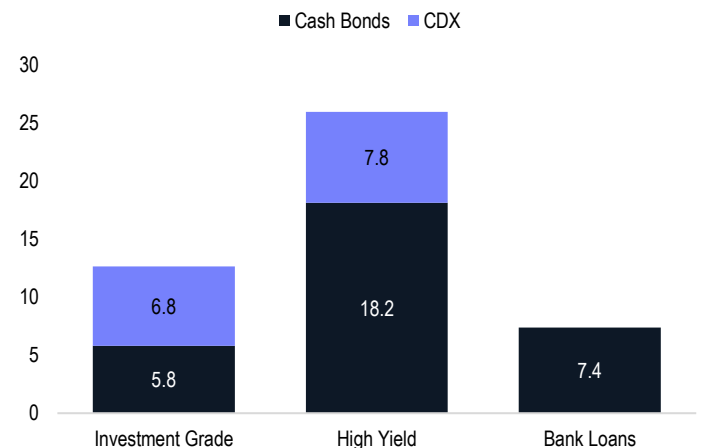
Emerging Market Debt

- We are selectively long parts of upper quality EM credit, investment grade and BB-rated issuers, which offer significant levels of yield in the current environment, particularly when compared to DM peers.
- Whilst geopolitical risks have subsided from peak levels seen earlier in the year, we continue to position underweight to exposed countries and where valuations offer little value. We recognize uncertainty around the incoming US administration's policy agenda, with a particular focus on tariffs relative to growth supportive policies, though we believe the policy mix will ultimately create an environment of winners and losers across EM.

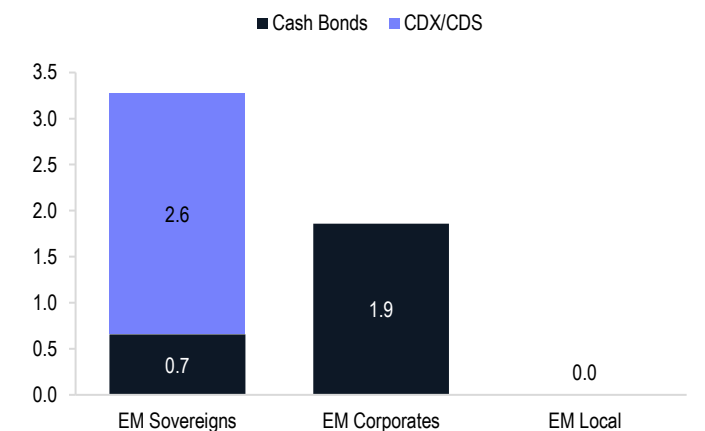
SECURITIZED INCLUSIVE OF CDX EXPOSURE (CURRENT NOTIONAL MV%: 69%; PREVIOUS QUARTER'S NOTIONAL MV%: 63%)



TRADITIONAL CORPORATE CREDIT INCLUSIVE OF CDX EXPOSURE (CURRENT NOTIONAL MV%: 46%; PREVIOUS QUARTER'S NOTIONAL MV%: 35%)



EMERGING MARKET DEBT (CURRENT NOTIONAL MV%: 5%; PREVIOUS QUARTER'S NOTIONAL MV%: 6%)



Source: Goldman Sachs Asset Management. Data as of December 31, 2024

Correlations and Volatility

As of 31 December 2024	Annualized Volatility (since 6/30/10)	Correlations to GS Dynamic Bond Fund (Last 3 mo.)	Correlations to GS Dynamic Bond Fund (Last 12 mo.)	Correlations to GS Dynamic Bond Fund (since 6/30/10)
Goldman Sachs Dynamic Bond FUND (I-SHARES)	4.36%			
INVESTMENT GRADE FIXED INCOME				
Bloomberg US Aggregate Bond Index	4.32%	0.57	0.56	0.21
Bloomberg US Treasury Index	6.39%	0.62	0.53	-0.05
Bloomberg US TIPS Index	5.51%	0.60	0.56	0.16
Bloomberg US Corporate Investment Grade Index	6.38%	0.54	0.57	0.47
Bloomberg Global Aggregate Index (USD Hedged)	5.70%	0.52	0.51	0.26
MUNICIPAL FIXED INCOME				
Bloomberg Aggregate Municipal Bond Index	4.68%	0.48	0.36	0.44
Bloomberg Municipal High Yield Bond Index	7.21%	0.52	0.38	0.54
HIGH YIELD FIXED INCOME				
S&P/LSTA Leveraged Loan Index	4.58%	0.51	0.31	0.74
Bloomberg US Corporate High Yield Bond Index	6.70%	0.59	0.57	0.76
EMERGING MARKETS FIXED INCOME				
J.P. Morgan Corporate Emerging Markets Bond Index (Broad Diversified Index)	4.64%	0.61	0.53	0.68
J.P. Morgan EMBI Global Diversified Index (External)	7.60%	0.57	0.57	0.66
J.P. Morgan GBI-EM Global Diversified Index (Local)	10.25%	0.59	0.40	0.50
EQUITIES				
S&P 500 Index	16.18%	0.53	0.38	0.59
¹ MSCI World Index	15.55%	0.61	0.40	0.62
¹ MSCI Emerging Markets Index	17.66%	0.30	0.21	0.51
S&P US Preferred Stock Index	10.43%	0.36	0.45	0.64
Alerian MLP Index	25.56%	0.28	0.17	0.46
COMMODITIES				
WTI Oil Index	69.48%	-0.32	-0.09	0.23

Source: Goldman Sachs Asset Management. As of December 31, 2024. ¹Source: MSCI. Annualized volatility and correlations are calculated using weekly returns. Please note the Fund is priced daily at 4:00 PM EST which may differ from the time other market indices or Funds are priced, particularly those based within Asian and European markets. These differences, amongst other considerations, may influence the correlation statistics generated. Past correlations are not indicative of future correlations, which may vary.

* **Cash** may include local currency, foreign currency, short-term investment funds, bank acceptances, commercial paper, margin, repurchase agreements, time deposits, variable-rate demand notes, and/or money market mutual funds. The Cash category may show a negative market value percentage as a result of a) the timing of trade date versus settlement date transactions and/or b) the portfolio's derivative investments, which are collateralized by the portfolio's available cash and securities. Such securities are AAA rated by an independent rating agency, have durations between -2 and 1 years, and are limited to the following sectors: governments, agencies, supranationals, corporates, and agency-backed adjustable-rate mortgages.

** **Derivatives** (guidelines permitting) may include futures, swaps, options, and forwards and may be used for hedging purposes and/or to express outright investment views. The table's market value percentage total for derivatives reflects aggregated unrealized gains or losses on all derivative positions.

Goldman Sachs Dynamic Bond Fund Risk Considerations

Effective after the close of business on June 17, 2024, the Goldman Sachs Strategic Income Fund was renamed the Goldman Sachs Dynamic Bond Fund and changed its principal investment strategy. Performance information prior to this date reflects the Fund's former strategies.

The **Goldman Sachs Dynamic Bond Fund** invests in a broadly diversified portfolio of U.S. and foreign investment grade and non-investment grade fixed income investments including, but not limited to: U.S. government securities, non-U.S. sovereign debt, agency securities, corporate debt securities, agency and non-agency mortgage-backed securities, asset-backed securities, custodial receipts, municipal securities, loan participations and loan assignments and convertible securities. Investments in fixed income securities are subject to the risks associated with debt securities generally, including **credit, liquidity and interest rate risk**. Investments in **mortgage-backed securities** are also subject to, among other risks, prepayment risk (*i.e.*, the risk that in a declining interest rate environment, issuers may pay principal more quickly than expected, causing the Fund to reinvest proceeds at lower prevailing interest rates). **High yield, lower rated investments** involve greater price volatility, are less liquid and present greater risks than higher rated fixed income securities. **Foreign and emerging markets investments** may be more volatile and less liquid than investments in U.S. securities and are subject to the risks of currency fluctuations and adverse economic or political developments. The Fund is also subject to the risk that the issuers of **sovereign debt** or the government authorities that control the payment of debt may be unable or unwilling to repay principal or interest when due. The Fund may be more sensitive to adverse economic, business or political developments if it invests a substantial portion of its assets in bonds of similar projects or in particular types of **municipal securities**. The Fund may invest in **loans** directly, through loan assignments, or indirectly, by purchasing participations or sub-participations from financial institutions. Indirect purchases may subject the Fund to greater delays, expenses and risks than direct obligations in the case that a borrower fails to pay scheduled principal and interest. **Derivative instruments** may involve a high degree of financial risk. These risks include the risk that a small movement in the price of the underlying security or benchmark may result in a disproportionately large movement, unfavorable or favorable, in the price of the derivative instrument; risks of default by a counterparty; and liquidity risk. The Fund may invest in derivatives (including foreign currency transactions) for hedging and non-hedging purposes. The Fund may make investments that are or may become illiquid. At times, the Fund may be unable to sell **illiquid investments** without a substantial drop in price, if at all. The Fund is subject to the risks associated with implementing short positions. **Taking short positions** involves leverage of the Fund's assets and presents various other risks. Losses on short positions are potentially unlimited as a loss occurs when the value of an asset with respect to which the Fund has a short position increases. Any guarantee on **U.S. government securities** applies only to the underlying securities of the Fund if held to maturity and not to the value of the Fund's shares.

This material is not authorized for distribution unless preceded or accompanied by a current prospectus or summary prospectus, if applicable. Investors should consider a fund's objectives, risks, and charges and expenses, and read the summary prospectus, if available, and the prospectus carefully before investing or sending money. The summary prospectus, if available, and the Prospectus contains this and other information about the Fund.

The expense ratios of the Fund, both current (net of any fee waivers or expense limitations) and before waivers (gross of any fee waivers or expense limitations) are as set forth above. Pursuant to a contractual arrangement, the Fund's waivers and/or expense limitations will remain in place through at least 07/29/2025, and prior to such date the investment adviser may not terminate the arrangements without the approval of the Fund's Board of Trustees. Please refer to the Fund's prospectus for the most recent expenses.

Economic and market forecasts presented herein reflect our judgment as of the date of this presentation and are subject to change without notice. These forecasts do not take into account the specific investment objectives, restrictions, tax and financial situation or other needs of any specific client. Actual data will vary and may not be reflected here. These forecasts are subject to high levels of uncertainty that may affect actual performance. Accordingly, these forecasts should be viewed as merely representative of a broad range of possible outcomes. These forecasts are estimated, based on assumptions, and are subject to significant revision and may change materially as economic and market conditions change. Goldman Sachs has no obligation to provide updates or changes to these forecasts. Case studies and examples are for illustrative purposes only.

The High Yield and Emerging Market Debt sectors involve exposure to higher credit risk, currency risk and liquidity risk. High yield, lower rated securities involve greater price volatility and present greater risks than higher rated fixed income securities. Fixed income securities of emerging countries are less liquid and are subject to greater price volatility and will be subject to the risks of currency fluctuations and sudden economic or political developments. The securities markets of emerging countries have less government regulation and are subject to less extensive accounting and financial reporting requirements than the markets of more developed countries.

The **Bloomberg US Aggregate Bond Index** represents an unmanaged diversified portfolio of fixed-income securities, including US Treasuries, investment-grade corporate bonds, and mortgage-backed and asset-backed securities. The Index figures do not reflect any deduction for fees, expenses or taxes. It is not possible to invest directly in an unmanaged index.

The **Bloomberg Global Aggregate Index** provides a broad-based measure of the global investment-grade fixed income markets. The three major components of this index are the US Aggregate, the Pan-European Aggregate, and the Asian-Pacific Aggregate Indices. The index also includes Eurodollar and Euro-Yen corporate bonds, Canadian government, agency and corporate securities, and USD investment grade 144A securities.

The **Bloomberg US Treasury Index** includes publicly issued, US Treasury securities, are rated investment grade, and have \$250 million or more of outstanding face value. It is not possible to invest directly in an unmanaged index.

The **Bloomberg US Treasury Inflation Protected Securities (TIPS) Index** includes all publicly issued, US Treasury inflation-protected securities that have at least one year remaining to maturity, are rated investment grade, and have \$250 million or more of outstanding face value. It is not possible to invest directly in an unmanaged index.

The **Bloomberg US Corporate Investment Grade Index** includes publicly issued US corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity, and quality requirements. To qualify, bonds must be SEC-registered. It is not possible to invest directly in an unmanaged index.

The **J.P. Morgan Government Bond Index-Emerging Markets (GBI-EM)** is the first comprehensive, global local Emerging Markets index, and consists of regularly traded, liquid fixed rate, domestic currency government bonds to which international investors can gain exposure. Variations of the index are available to allow investors to select the most appropriate benchmark for their objectives.

The **J.P. Morgan EMBI Global Diversified Index** is an unmanaged index of debt instruments of 31 emerging countries. The Index figures do not reflect any deduction for fees, expenses or taxes. It is not possible to invest directly in an unmanaged index.

The **J.P. Morgan Corporate Emerging Markets Bond Index (CEMBI)** tracks total returns of US dollar-denominated debt instruments issued by corporate entities in Emerging Markets countries. Two variations are available: CEMBI Broad and CEMBI. The CEMBI Broad is the most comprehensive corporate benchmark followed by the CEMBI, which consists of an investable universe of corporate bonds. Both indices are also available in Diversified versions.

The **Bloomberg Barclays US Corporate High Yield Bond Index** (formerly the Lehman Brothers US Corporate High Yield Bond Index), 2% Issuer Capped, covers the universe of US dollar denominated, non-convertible, fixed rate, non-investment grade debt. Index holdings must have at least one year to final maturity, at least \$150 million par amount outstanding, and be publicly issued with a rating of Ba1 or lower. The Index figures do not reflect any deduction for fees, expenses or taxes. It is not possible to invest directly in an unmanaged index.

The **S&P/LSTA Leveraged Loan Index (LLI)** is a daily total return index that uses LSTA/LPC Mark-to-Market Pricing to calculate market value change. On a real-time basis, the LLI tracks the current outstanding balance and spread over LIBOR for fully funded term loans. The facilities included in the LLI represent a broad cross section of leveraged loans syndicated in the United States, including dollar-denominated loans to overseas issuers. It is not possible to invest directly in an unmanaged index.

The **Bloomberg Barclays Aggregate Municipal Bond Index** (formerly the Lehman Brothers Aggregate Municipal Bond Index) is an unmanaged broad-based total return index composed of approximately 8,000 investment grade, fixed rate, and tax-exempt issues, with a remaining maturity of at least one year. The Index figures do not include any deduction for fees, expenses or taxes. It is not possible to invest directly in an unmanaged index.

The **Bloomberg Barclays Municipal High Yield Bond Index** is a component of the Municipal Bond Index. The Index is rules-based, market-value-weighted and includes non-investment grade tax-exempt bonds. The Index figures do not include any deduction for fees, expenses or taxes. It is not possible to invest directly in an unmanaged index.

The **S&P 500 Index** is the Standard & Poor's 500 Composite Index of 500 stocks, an unmanaged index of common stock prices. The Index figures do not reflect any deduction for fees, expenses or taxes. It is not possible to invest directly in an unmanaged index.

The **MSCI World Index** captures large and mid cap representation across 24 Developed Markets (DM) countries. With 1,606 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country. It is not possible to invest directly in an unmanaged index.

The **MSCI Emerging Markets Index** is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. The MSCI Emerging Markets Index is calculated in US Dollars on a real time basis and disseminated every 60 seconds during market trading hours. It is not possible to invest directly in an unmanaged index.

The **S&P US Preferred Stock Index** is an investable benchmark representing the US preferred stock market. Preferred stocks are a class of capital stock that pays dividends at a specified rate and has a preference over common stock in the payment of dividends and the liquidation of assets. Complete details of these guidelines are available on the Web site at www.spindices.com.

The **Alerian MLP Index** is a composite of the 50 most prominent energy Master Limited Partnerships (MLPs). The index is calculated using a float-adjusted, capitalization-weighted methodology.

It is not possible to invest directly in an unmanaged index.

Neither MSCI nor any other party involved in or related to compiling, computing, or creating the MSCI data makes any express or implied warranties or representations with respect to such data (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability, or fitness for a particular purpose with respect to any of such data. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in or related to compiling, computing or creating the data have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages. No further distribution or dissemination of the MSCI data is permitted without MSCI's express written consent.

Glossary of Terms

- **ABS** is an asset back security
- **CDS** is a credit default swap.
- **CMBS** is a collateralized mortgage backed security
- **CDX** is a Credit default swap index.
- **CLO** or collateralized loan obligation, refers to a form of securitization where payments made by the debt security are sourced from the underlying assets (pools) held in tranches.
- **Correlation** is a statistical measure of how two securities move in relation to each other.
- **Covered Bond** is a form of debt security, issued primarily by financial institutions, in which the securities are both backed by cash flows from public sector loans or mortgages. In addition, the security remains on the balance sheet of the issuer.
- **Credit Sensitive** refers to those sectors which may have greater sensitivity to credit default risk.
- **Directional** refers to a trading strategy in which one is either long given a positive view on the security or short given a negative view on the security.
- **DM** refers to Developed Markets
- **EM** refers to Emerging Markets
- **FOMC** refers to the Federal Open Market Committee
- **Market Value** refers to the price at which an asset would trade in the open market at a specified date.
- **MBS** is a mortgage backed security
- **Notional Value** refers to the face value or principal amount that an investor holds of a security. This value is not subject to market price and is used to calculate payments made on that asset.
- **Pair Trade** is a trading strategy in which a long and a short trade are matched, creating a market neutral position.
- **Periphery** is referring to non-core
- **PMI** (Purchasing Managers Index), produced monthly by the Institute for Supply Management, reflects purchasing managers' acquisition of goods and services within the private sector, and often cited as a data point in estimating economic growth.
- **QE** or quantitative easing, refers to a policy implemented by the Federal Reserve Bank in the United States. The term implies a method of monetary policy implemented by a central bank in order to stimulate the national economy by increasing the excess reserves managed by the bank and in so doing raise the prices of financial assets bought.
- **Realized Volatility** refers to the standard deviation of a Fund's continuously compounded returns within a certain timeframe.
- **Swaptions** Options on interest rate swaps.

TRS (Total Return Swap) is a form of derivative or an agreement between two parties wherein one party exchanges the total return of a financial asset for periodic cash flows.

Volatility/Interest Rate Sensitive refers to those sectors which may have greater sensitivity to interest rate risk

Yield Curve a curve on a graph in which the yield of fixed-interest securities is plotted against the length of time they have to run to maturity.

Bullish investors believe the market, a security or a specific industry is poised to rise

Bearish investors believe the market, a security or a specific industry is poised to fall

Hawkish monetary stances indicate a preference for high interest rates

Dovish monetary stances indicate a preference for low interest rates

Bps or basis points 1% change = 100 basis points, and 0.01% = 1 basis point.

Currency Abbreviations

AUD	Australian dollar	CZK	Czech Republic koruna	ILS	Israeli new sheqel	NOK	Norwegian krone	SGD	Singapore dollar
BRL	Brazilian real	DKK	Danish krone	INR	Indian rupee	NZD	New Zealand dollar	TRY	Turkish lira
CAD	Canadian dollar	EUR	Euro	JPY	Japanese yen	PLN	Polish zloty	TWD	New Taiwan dollar
CHF	Swiss franc	GBP	British pound	KRW	Korean won	PHP	Philippine Peso	USD	US dollar
CLP	Chilean peso	HUF	Hungarian forint	MXN	Mexican peso	RUB	Russian ruble		
CNH	Chinese renminbi	IDR	Indonesian rupiah	MYR	Malaysian ringgit	SEK	Swedish krona		

All or a portion of the Fund's distributions may be treated for tax purposes as a return of capital, however, the final characterization of such distributions will be reported annually on Form 1099-DIV. The final tax status of the distributions may differ substantially from the above dividend information.

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The Morningstar Rating™ is calculated for funds with at least a 3-year history based on a risk-adjusted return measure that accounts for variation in a fund's monthly excess returns. Exchange-traded funds and open-ended mutual funds are considered a single population. In each category, the top 10% = 5 stars, next 22.5% = 4 stars, next 35% = 3 stars, next 22.5% = 2 stars, and bottom 10% = 1 star. Overall rating is derived from a weighted average of the returns associated with its 3-, 5-, and 10-year (if applicable) rating, excluding all sales charges. Weights are based on the # of months of total returns: 100% 3-year rating for 36-59 months, 60% 5-year rating/40% 3-year rating for 60-119 months, and 50% 10-year rating/30% 5-year rating/20% 3-year rating for 120 or more months.

Morningstar Percentile Rankings are based on the total return percentile rank within each Morningstar Category and do not account for a fund's sales charge (if applicable). Rankings will not be provided for periods less than one year. The highest (or most favorable) percentile rank is 1 and the lowest (or least favorable) percentile rank is 100. Historical percentile ranks are based on a snapshot of the funds as they were at the time of the calculation. Percentile ranks within categories are most useful in those groups that have a large number of funds. For small universes, funds will be ranked at the highest percentage possible. For instance, if there are only two specialty-utility funds with 10-year average total returns, Morningstar will assign a percentile rank of 1 to the top-performing fund, and the second fund will earn a percentile rank of 51 (indicating the fund underperformed 50% of the sample). **Rankings for other share classes may vary.**

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Indices are unmanaged. The figures for the index reflect the reinvestment of all income or dividends, as applicable, but do not reflect the deduction of any fees or expenses which would reduce returns. Investors cannot invest directly in indices.

The indices referenced herein have been selected because they are well known, easily recognized by investors, and reflect those indices that the Investment Manager believes, in part based on industry practice, provide a suitable benchmark against which to evaluate the investment or broader market described herein. The exclusion of "failed" or closed hedge funds may mean that each index overstates the performance of hedge funds generally.

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