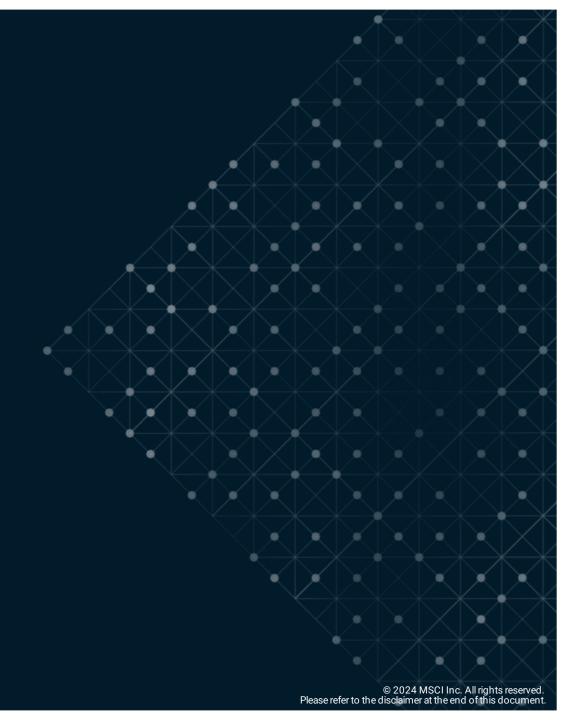
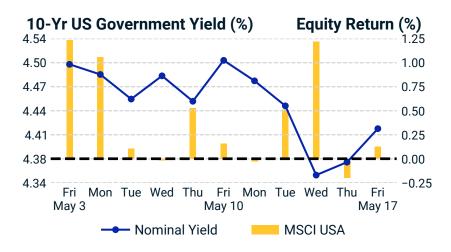


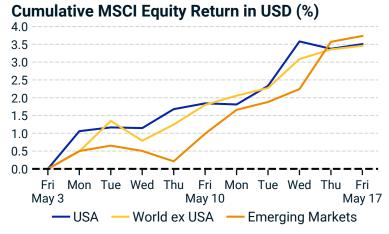
Daily Fixed-Income Insights

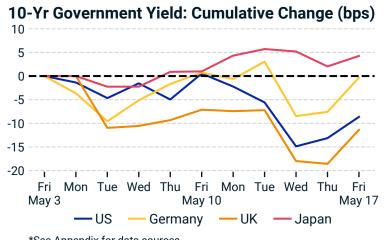
May 17, 2024 (market close)

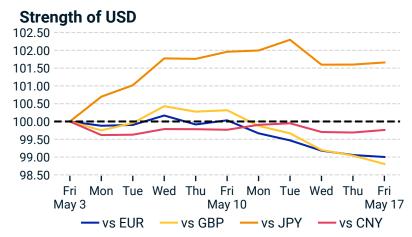


Daily Trends in Yields, Equity Returns, FX





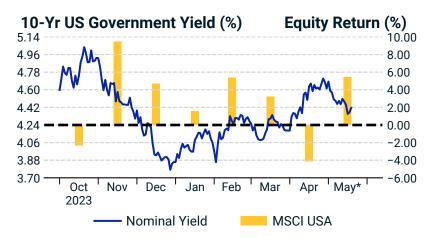


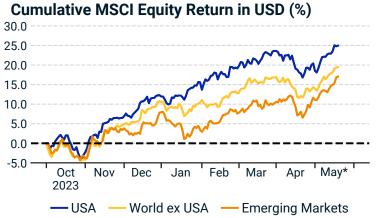


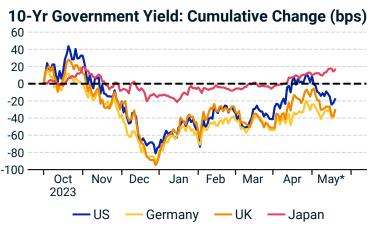
^{*}See Appendix for data sources

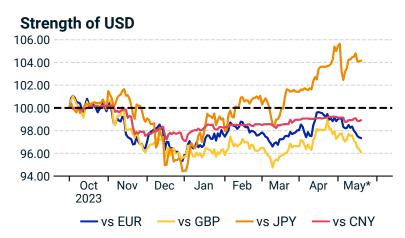


Monthly Trends in Yields, Equity Returns, FX







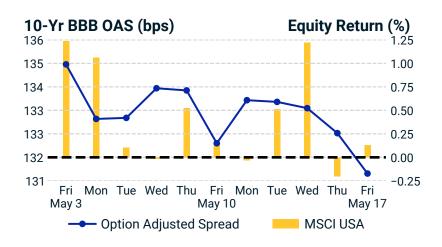


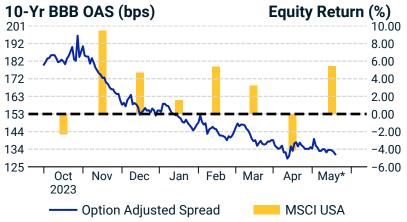


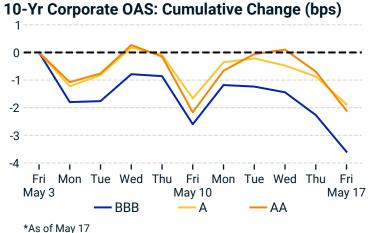
^{*}As of May 17

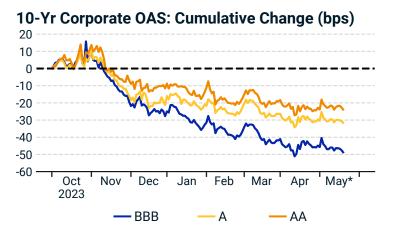
^{**}See Appendix for data sources

Daily & Monthly US Corporate Spreads vs Equities





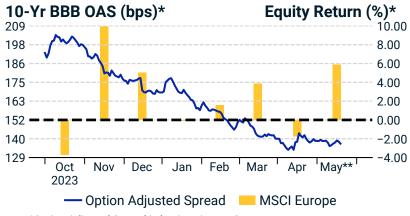




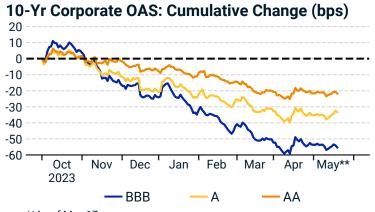
^{**}See Appendix for data sources



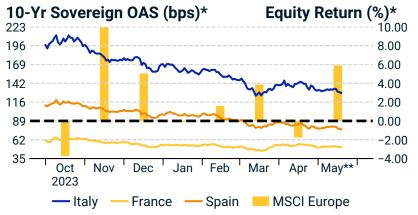
Euro Corporate and Sovereign Spreads vs Equities



^{*}Option Adjusted Spread in basis points to German government curve. Equity return expressed in USD



^{**}As of May 17



*Option Adjusted Spread in basis points to German government curve. Equity return expressed in USD

10-Yr Sovereign OAS: Cumulative Change (bps)



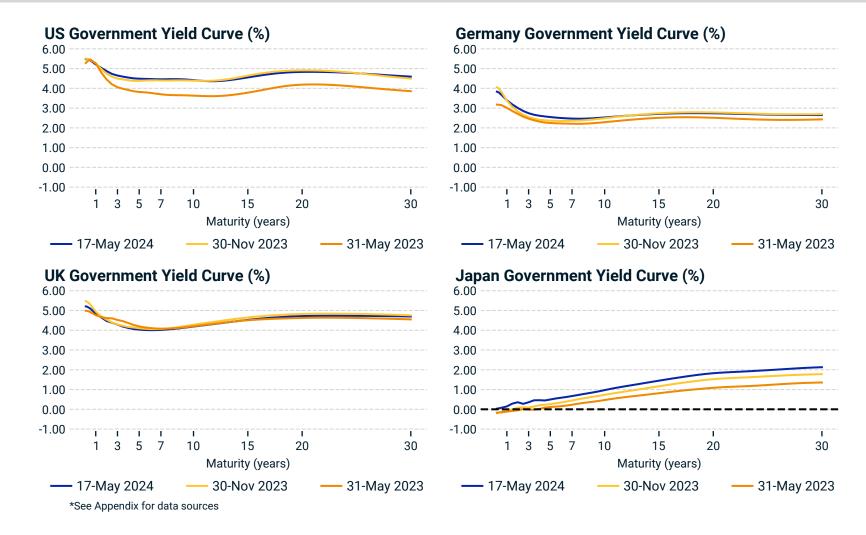


^{***}See Appendix for data sources



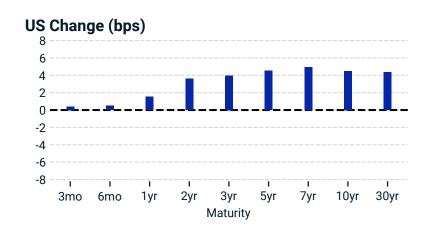
Drilldown: G4 Government Bonds and Rates

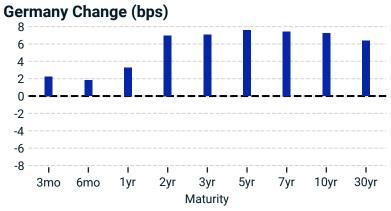
Government Nominal Yield Curves

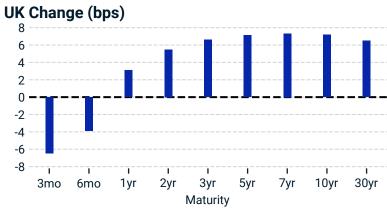


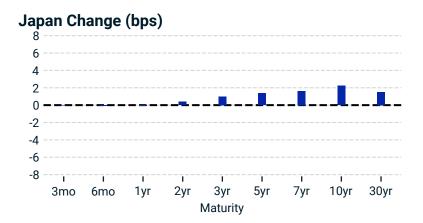


Government Yields: 1-Day Changes (Nominal)*







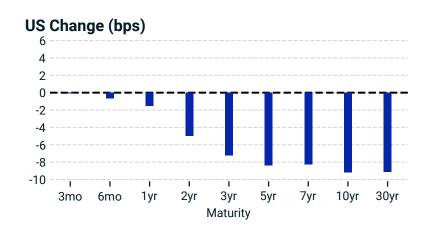


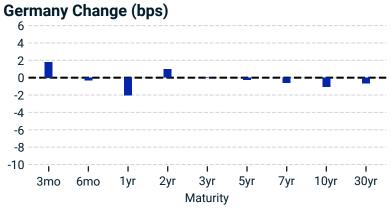
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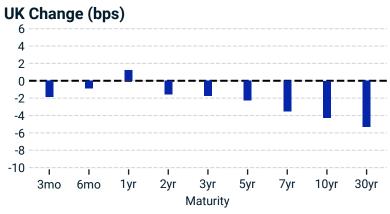


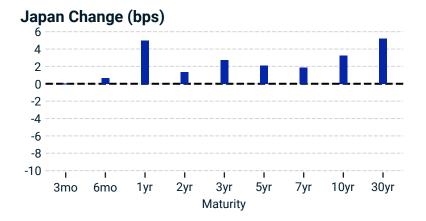
^{*}Change from May 16 to May 17

Government Yields: 1-Week Changes (Nominal)*







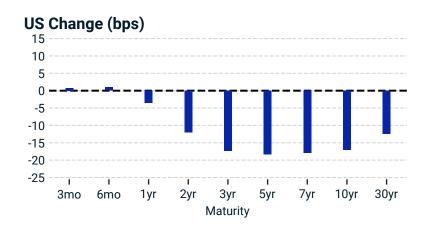


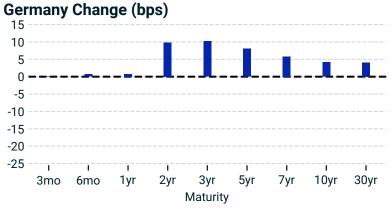
^{**}See Appendix for data sources

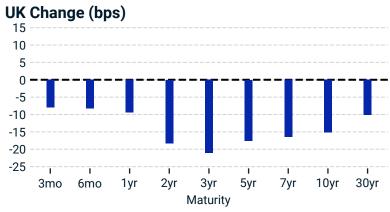


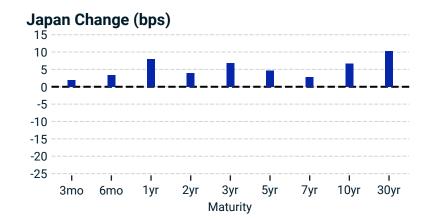
^{*}Change from May 10 to May 17

Government Yields: 1-Month Changes (Nominal)*







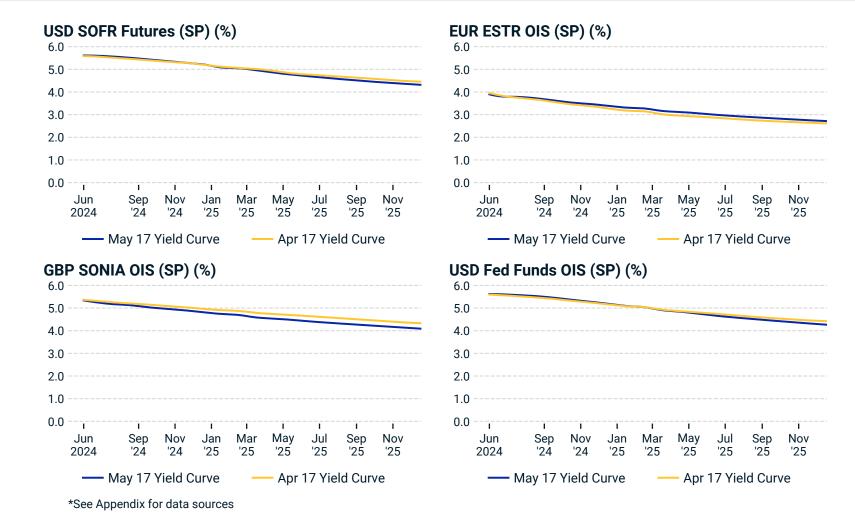


^{**}See Appendix for data sources



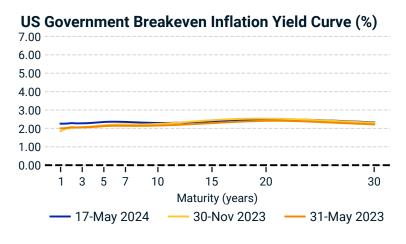
^{*}Change from Apr 17 to May 17

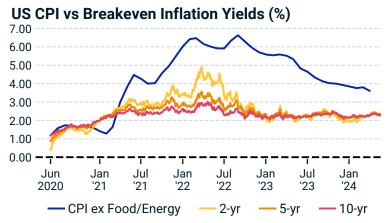
1-Month Forward Rates on Futures and Overnight Index Swaps

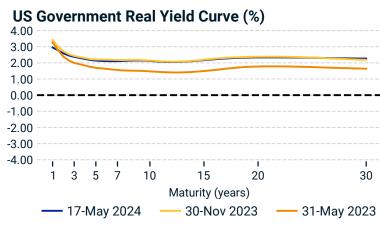


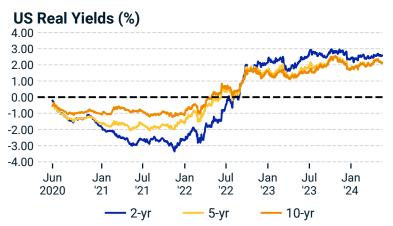


US Breakeven Inflation and Real Yields





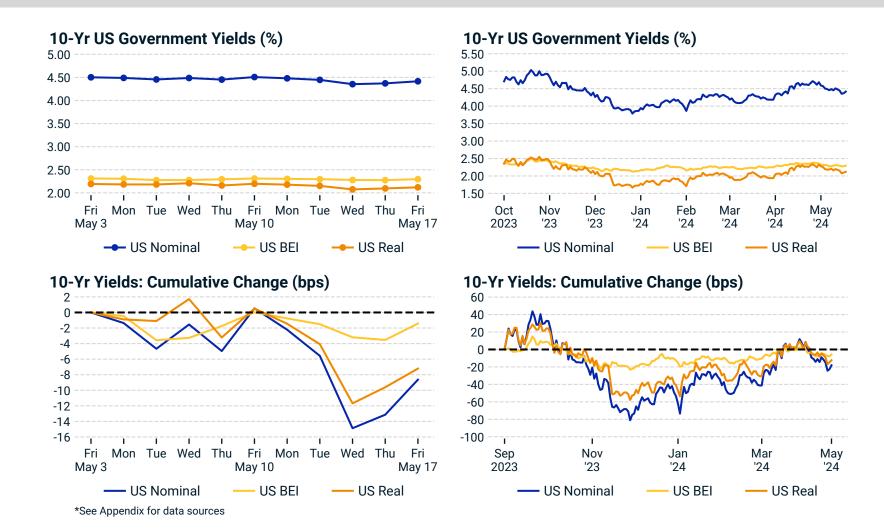






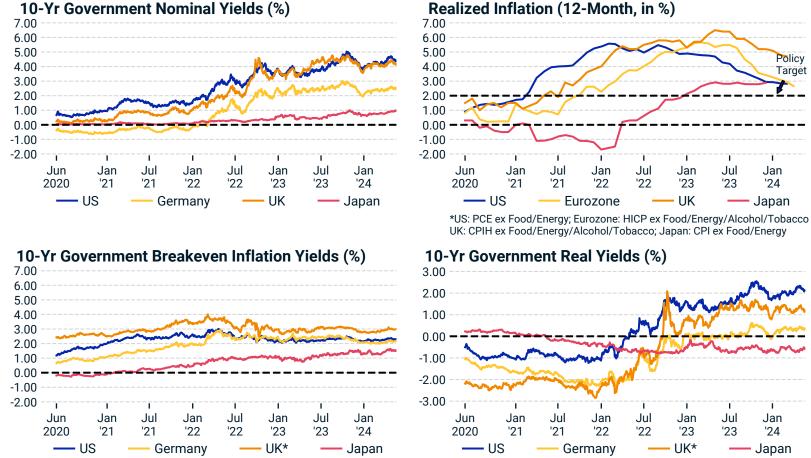
^{**}See Appendix for data sources

US Government Yields: Nominal, Real and BEI





4-Year Trends in Government Yields and Inflation

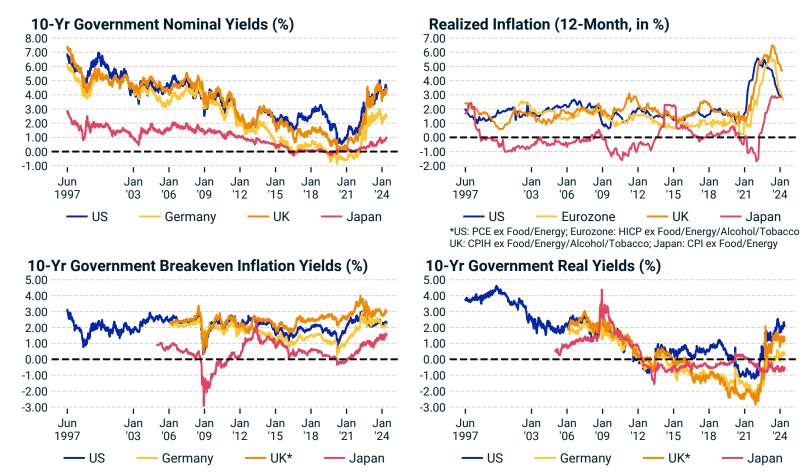


^{*}UK breakeven inflation and real yields are adjusted to reflect historical differences between the Retail Price Index (RPI) and the Consumer Price Index (CPI)



^{**}See Appendix for data sources

Long-Run Trends in Yields and Inflation



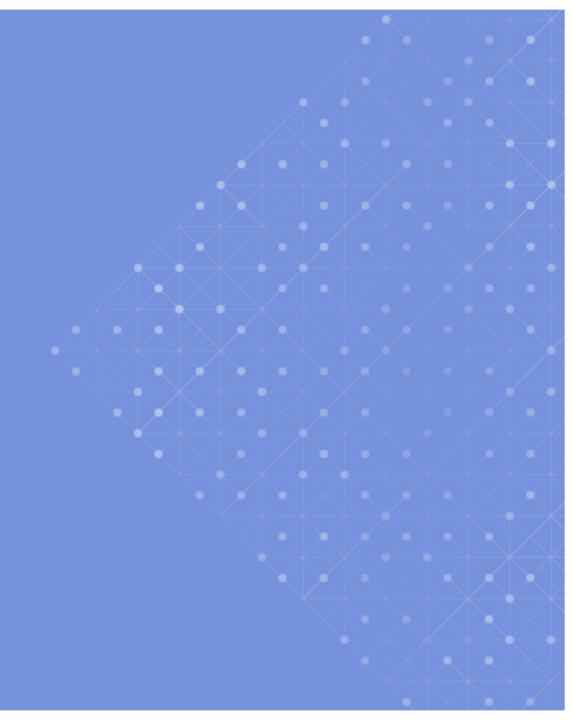
^{*}UK breakeven inflation and real yields are adjusted to reflect historical differences between the Retail Price Index (RPI) and the Consumer Price Index (CPI)



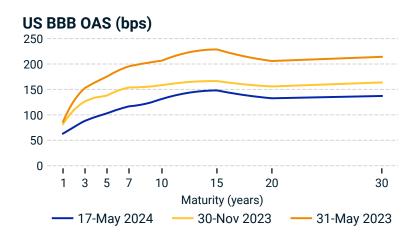
^{**}See Appendix for data sources

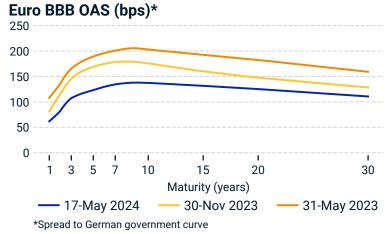


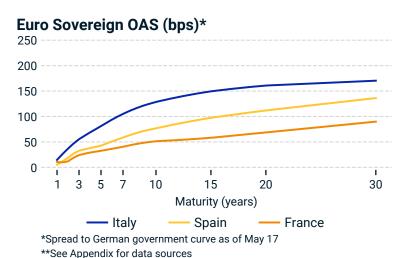
Drilldown: Credit



Spread Term Structure: BBB Corporates & Sovereigns







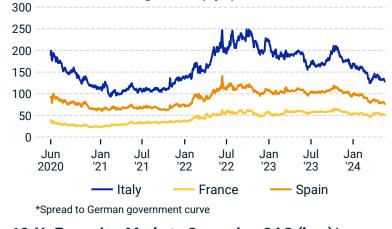




4-Year Spread Trends on Corporates & Euro / EM Sovereigns

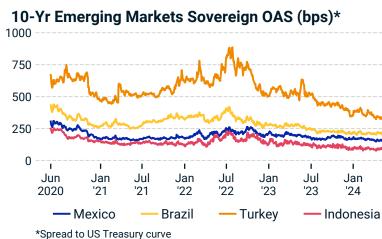
10-Yr Euro Sovereign OAS (bps)*





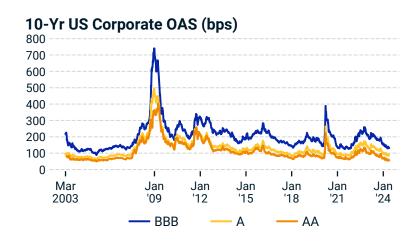


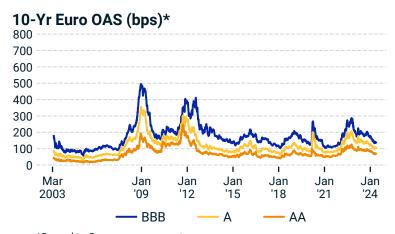
**See Appendix for data sources



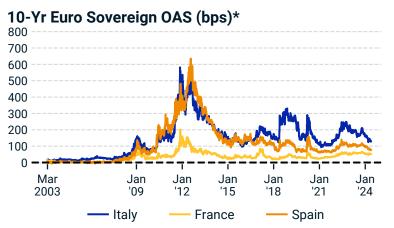
MSCI

Long-Run Trends in Spreads

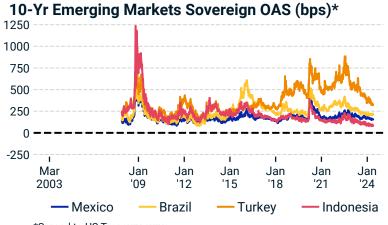




*Spread to German government curve



*Spread to German government curve

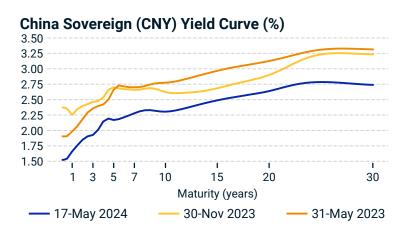


*Spread to US Treasury curve

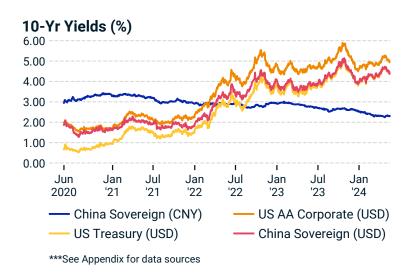


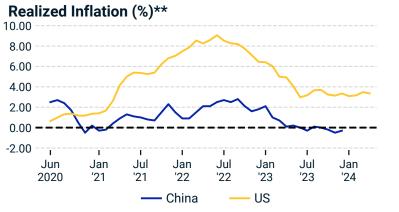
^{**}See Appendix for data sources

China Government Bond Drilldown









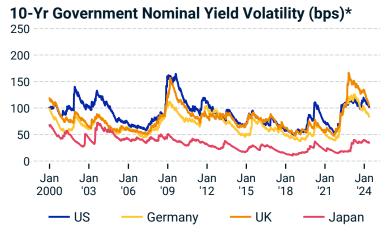
**China inflation (yoy) -0.3% as of Dec 2023 Inflation measured by All Items CPI includes food and energy prices

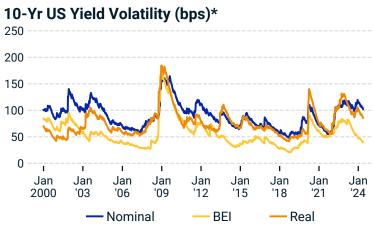




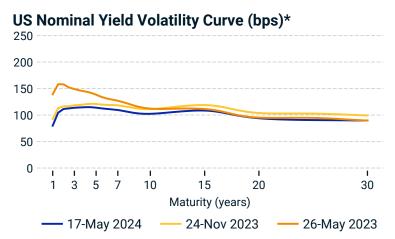
Volatilities, Correlations, FX

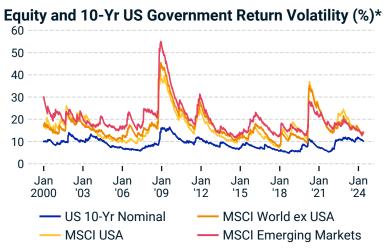
Trends in Yield and Return Volatilities





*Realized volatility using exponential time decay with half life of 18-weeks

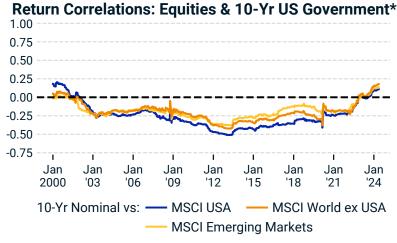


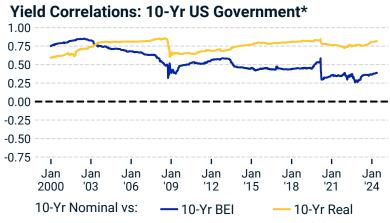




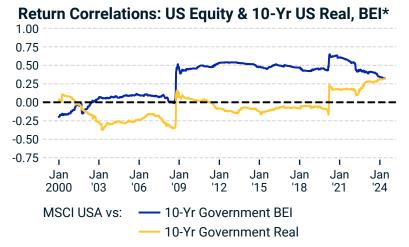
^{**}See Appendix for data sources

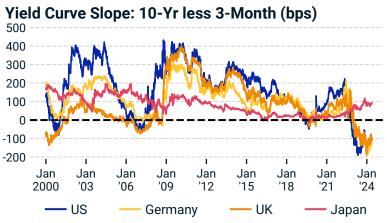
Trends in Correlations and Yield Curve Slope





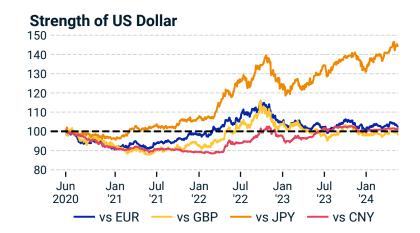
*Realized correlation using exponential time decay with half life of 2-years **See Appendix for data sources

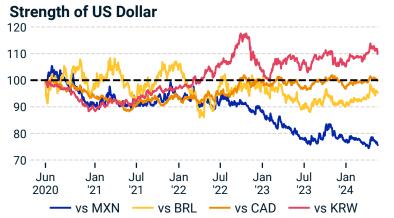


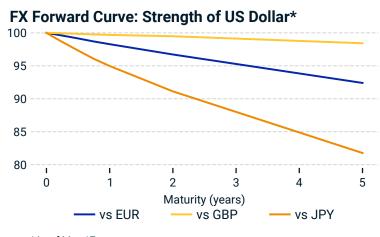


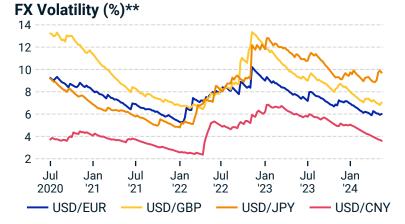


FX Trends









^{**}Realized volatility using exponential time decay with half life of 18-weeks



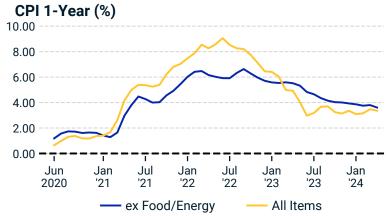
^{*}As of May 17

^{***}See Appendix for data sources

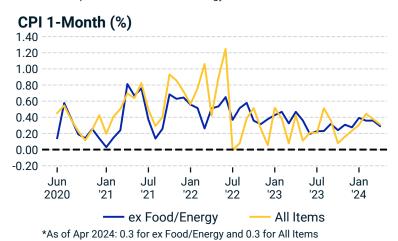


Historical Inflation and GDP

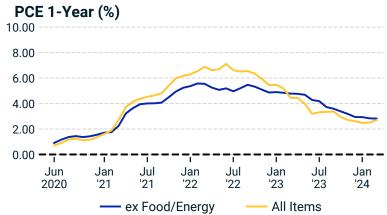
US Inflation: Annual and Monthly (CPI and PCE)



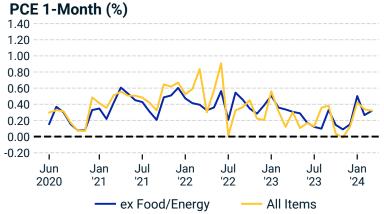




^{**}See Appendix for data sources



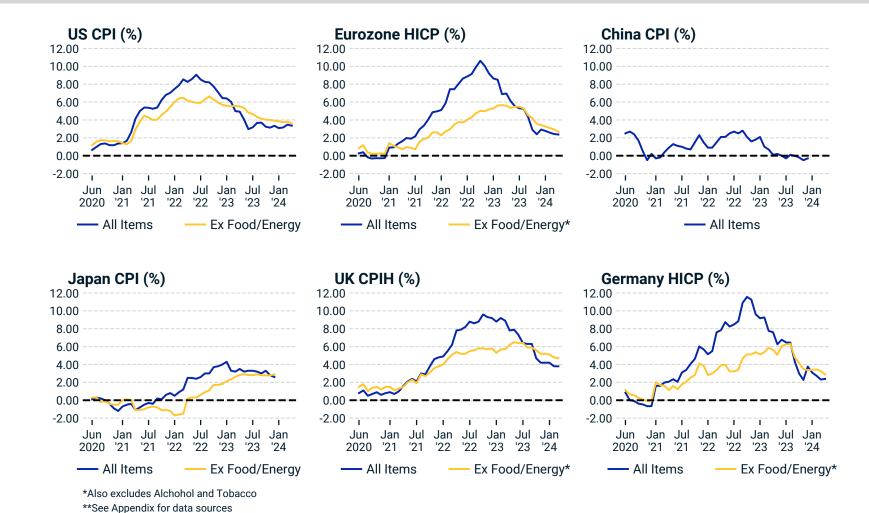
*As of Mar 2024: 2.8 for ex Food/Energy and 2.7 for All Items



*As of Mar 2024: 0.3 for ex Food/Energy and 0.3 for All Items

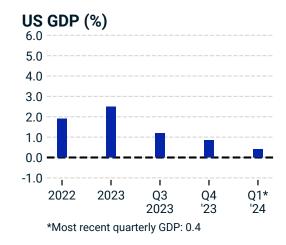


Global Inflation: Annual

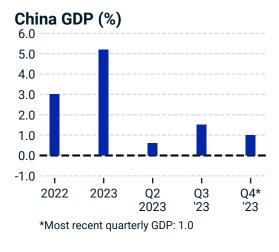


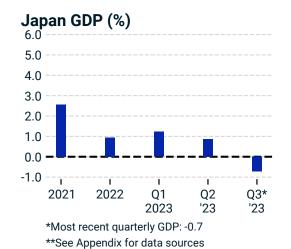


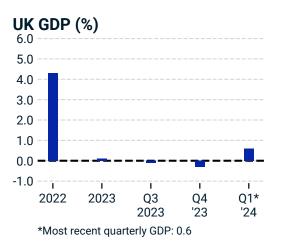
GDP

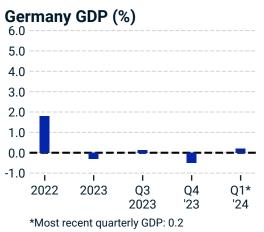








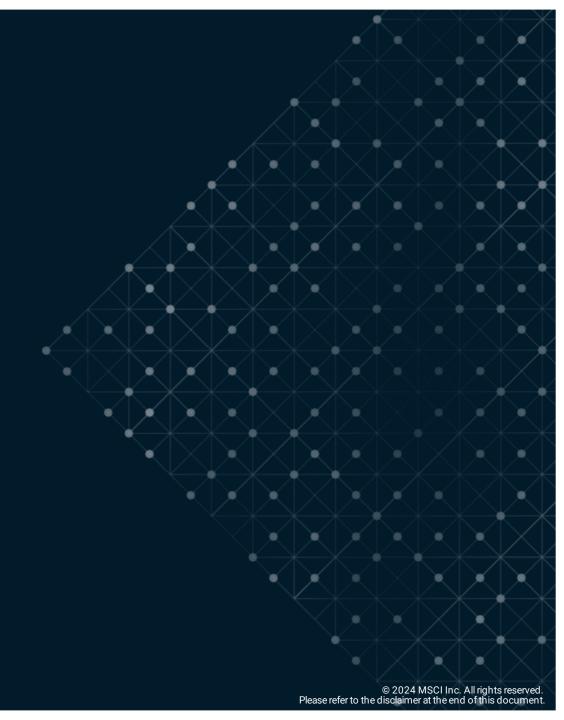








Appendix



Data Sources

Yields and Spreads

MSCI zero coupon yield and spread curves

Indexes

MSCI USA Index, MSCI World ex USA Index, MSCI Europe Index, MSCI China, MSCI Emerging Market Index

Relative Strength of Currencies

MSCI

Inflation and GDP

OECD, Eurostat, UK Office of National Statistics, Cabinet Office of Japan, US Bureau of Economic Analysis, US Bureau of Labor Statistics, National Bureau of Statistics China



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