

We anticipate a volatile start to 2023, which could provide investment opportunities.

The global economic cycle appears to be transitioning from late expansion to downturn. But articulating the downturn's starting point is proving very difficult. On one hand, areas of strength include corporate earnings growth, which has been decelerating but is positive in most regions.

Also, we have seen only a marginal move higher in global unemployment rates, despite slowing economic growth and aggressive monetary policy tightening. But ultimately, we expect the lagged effect of monetary policy to prevail and put additional downward pressure on earnings and economic growth.



PAGE 3 Macro Drivers

While we see indications of inflation having peaked, the battle has not been won. We believe the Federal Reserve (Fed) would welcome signs of labor market weakness.

PAGE 4 Credit

Corporate fundamentals are starting to weaken but remain in decent shape broadly speaking.

PAGE 5 Government Debt & Policy

A pivot toward rate cuts would likely require a recession, consistent downside inflation surprises and evidence of labor market slack.

PAGE 6 Currencies

Bouts of risk aversion could lead to strong performance for the US dollar, but country-specific catalysts could help drive returns in certain currencies.

PAGE 7 Equities

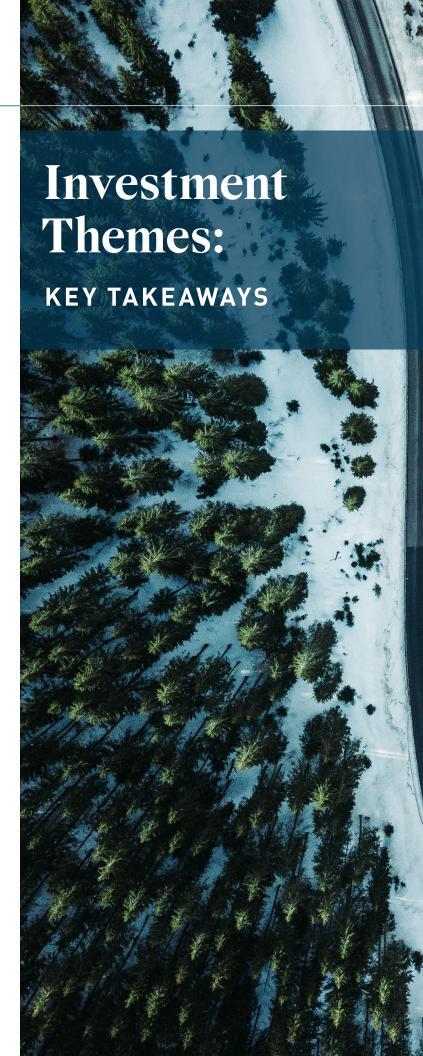
Large-cap corporate earnings, which have been a key driver of the expansion and job growth, could turn meaningfully lower and even contract.

PAGE 8 Potential Risks

Taking advantage of market dislocations during heightened volatility could be an effective way to potentially generate alpha in this late cycle regime.

PAGE 8 Asset Class Outlook

Our recommended allocation expresses a cautious view. We believe in an opportunistic investment approach for 2023, especially when market volatility shifts valuations.





Macro Drivers

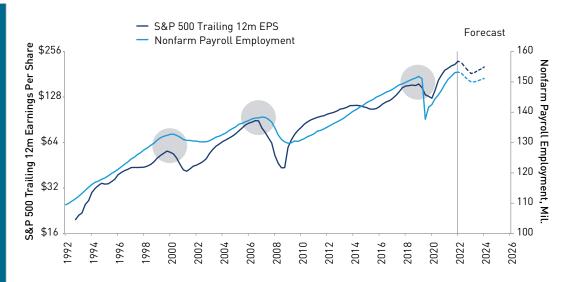
Labor market resilience has helped keep the US economy from slipping into recession.

- Inflation pressures will likely keep central bankers uncomfortable throughout the first half of 2023. For example, the Bank of Japan (BoJ) and notably the European Central Bank (ECB) are likely to get incrementally more hawkish.
- The Fed is set to deliver another hike in February, likely 25 basis points, but it could pause thereafter should inflation continue to head lower.
- Supply chain bottlenecks were a primary driver of inflation during the pandemic, but that issue
 is largely in the past.
- Slower economic growth and less robust labor markets are needed to help get inflation under control globally.
- Slowing job gains and eventual layoffs could prevent the wage-price spiral from taking hold more aggressively. Striking the right balance won't be easy in our view, and a downturn could be unavoidable.
- While corporations have been adding jobs of late, we are on the lookout for a shift in hiring patterns.

PEAK EARNINGS EQUAL PEAK EMPLOYMENT

Rising employment lifts demand for goods and services. When layoffs accelerate, the relationship tends to work in reverse. Corporate profits fall as layoffs begin and at that point, a downturn is more likely.

Sources: S&P Global, Bureau of Labor Statistics. Data as of 13 December 2022.



Indices are unmanaged and do not incur fees. It is not possible to invest directly in an index.

This material is for informational purposes only and should not be construed as investment advice. Information obtained from outside sources is believed to be correct, but Loomis Sayles cannot guarantee its accuracy.

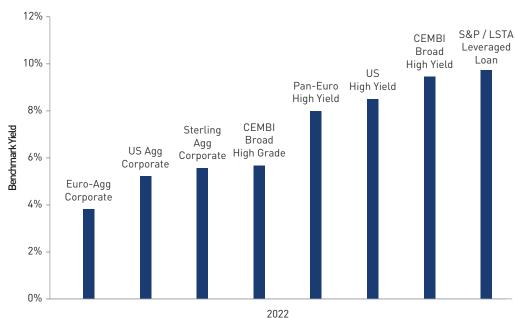


Credit

Credit spreads appear tight at this late stage of the cycle, but benchmark yields could offer compelling compensation.

- The Loomis Sayles US credit, risk premium framework suggests underlying fundamentals are currently solid. Our tool suggests the possibility of earning positive excess returns during the next six months is above median.
- We believe losses due to credit rating downgrades within the US investment grade corporate sector should remain historically low. The Loomis Sayles High Yield Sector Team expects the US high yield default rate to rise from its December 2022 level of 1.4% toward 4.0% by late 2023 in the event of an economic downturn. While a large increase, a 4.0% default rate would be relatively low compared to past downturns.
- A weakening global economy is likely to usher in more volatility throughout the first two quarters
 of 2023, but that can bring opportunity for bottom up security selection.
- Risk aversion, driven by macroeconomic developments, will likely ebb and flow, impacting many credits. Therefore, we would seek to invest if disconnects between current market value and fair value emerge.
- Bumpy markets throughout 2023 could offer multiple opportunities to invest in global credit for the long term.

GLOBAL CREDIT BENCHMARK YIELDS We see relatively attractive incomegenerating opportunities in global credit markets. Sources: Refinitiv Datastream, Bloomberg, JP Morgan, S&P Global. Data as of 13 December 2022.



The chart presented above is shown for illustrative purposes only. Some or all of the information on this chart may be dated, and, therefore, should not be the basis to purchase or sell any securities. The information is not intended to represent any actual portfolio currently managed by Loomis Sayles. Information obtained from outside sources is believed to be correct, but Loomis Sayles cannot guarantee its accuracy. Indices are unmanaged and do not incur fees. It is not possible to invest directly in an index.



Government Debt & Policy

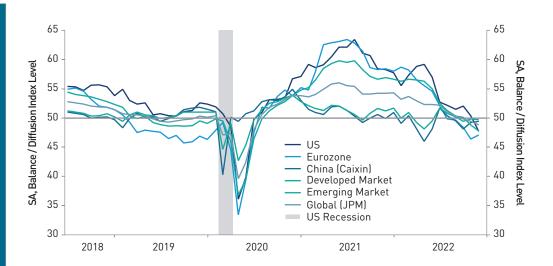
Fiscal and monetary authorities across the world want to see inflation lower, perhaps even at the expense of growth.

- Yields across developed and emerging markets ratcheted higher in 2022 driving government borrowing costs up substantially. The path forward may be differentiated by various central bank expectations.
- The Fed could pause on hikes in early 2023. As a result, we believe US Treasury yields may have already
 hit their cycle peak. The ECB, on the other hand, just delivered more-hawkish-than-expected views
 for 2023. Consequently, yields in the eurozone could continue higher even if Treasurys do not follow.
- Even if government bond yields have stopped rising, we do not expect a significant retreat. In our view a return to yields seen at the start of 2022 is highly unlikely in 2023.
- After months of enforcing a zero-COVID-19 program that stymied growth, China has loosened restrictions on citizens. The initial phase of reopening is likely to be chaotic as COVID cases will likely surge, but we believe China may bounce back with around 5% real growth in 2023.
- Excessive inflation limits the monetary and fiscal response to the next downturn. We do not think
 investors should expect a wide sweeping rescue, particularly if the downturn begins in mid-2023.

S&P GLOBAL MANUFACTURING PMI INDICATORS

The more cyclical areas of the global economy, like manufacturing, are already in contraction. A downturn could be around the corner if services-related industries follow that trend.

Source: Refinitiv Datastream. Data as of 13 December 2022.



PMI stands for Purchasing Managers' Index. Indices are unmanaged and do not incur fees. It is not possible to invest directly in an index.



Currencies

A steadfast ECB could counterbalance US dollar strength as the Fed's hiking cycle comes to a pause, while hiking continues in Europe.

- Concern of a downturn is prevalent. If one develops, we would expect "safe-haven" flows to ensue and contribute to US dollar strength.
- The Fed's rapid tightening cycle could pause in early 2023. This could take some upward pressure off the dollar, especially if other developed market central banks remain engaged in hiking.
- With the UK's 2022 political drama settled, a case for pound sterling stability can be made. A step toward eventual tighter policy by the BoJ could drive a less volatile yen in 2023.
- With nearly all central banks striking a hawkish tone, the one-way bullish US-dollar trend could be challenged. Investors can be selective and identify idiosyncratic opportunities across countries.
- We expect oil prices to remain firm. The Canadian dollar and Norwegian krone could do well given these expectations. Latin America is currently a preferred region to add foreign exchange exposure in our view, particularly in Mexico, Brazil and Colombia.

LOOMIS SAYLES BROAD FX INDEX

Foreign currencies may not broadly outperform the US dollar in early 2023. However, valuations have been relatively attractive and the macro backdrop could shift in favor of a broad foreign currency rebound in the second half of 2023.

Source: Refinitiv Datastream. Data as of 13 December 2022.



The Loomis Sayles Broad FX Index is a combined basket of 23 developed and emerging market currencies. Total return is calculated by adding weekly spot level change to income earned by holding one-month forward contracts in each currency. The chart presented above is shown for illustrative purposes only. Some or all of the information on this chart may be dated, and, therefore, should not be the basis to purchase or sell any securities. The information is not intended to represent any actual portfolio currently managed by Loomis Sayles. Indices are unmanaged and do not incur fees. It is not possible to invest directly in an index.



Equities

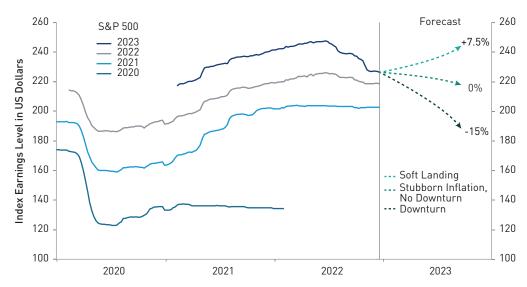
Tighter financial conditions, slowing nominal GDP and declining profit margins will likely lead S&P 500 consensus earnings estimates lower for calendar year 2023.

- Global equity price-to-earnings multiples are unlikely to expand until central banks begin to ease restrictive monetary policy—an unlikely shift anytime soon.
- Equity markets could struggle to make headway until there is more clarity on the economy and a path for earnings growth in the second half of 2023.
- We believe the first half of 2023 will be a delicate dance where central banks work to lower inflation
 by slowing the economy, which likely means a hit to corporate fundamentals—including revenue growth
 and profit margins.
- Companies have done well pushing higher prices through to end users, but as inflation slows, often so
 does pricing power. With less pricing power, we could see profit margins drifting lower but not collapsing.
- A global economic slowdown and weaker operating environment for corporations appears to have already
 been priced in to equity markets. A downturn, where central banks continue to fight inflation by raising,
 or at least holding steady, policy rates, has not been fully priced in our view.

CONSENSUS EARNINGS ESTIMATES

In the event of a downturn, we would expect S&P 500 corporate profits to decline approximately 15%, a slightly deeper contraction than a median downturn.

Source: Refinitiv Datastream, I.B.E.S. Data as of 13 December 2022.



This material is for informational purposes only and should not be construed as investment advice. Information obtained from outside sources is believed to be correct, but Loomis Sayles cannot guarantee its accuracy. Indices are unmanaged and do not incur fees. It is not possible to invest directly in an index.



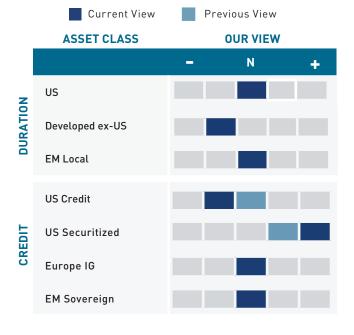
Potential Risks

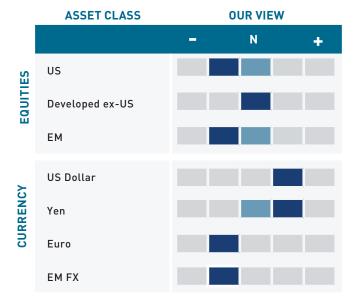
Many are anticipating a mild global downturn, but we see significant upside and downside risks to that view.

- Two key pillars of the macro economy, corporate profits and the labor market, may keep the expansion alive despite stubborn inflation. We cannot see a downturn taking hold without meaningful job losses, rising unemployment rates and a profits recession.
- Corporate health is still in decent shape despite central bank tightening and higher interest rates. While not entirely likely, a soft landing remains possible if deterioration in corporate fundamentals is limited while inflation cools faster than anticipated.
- Sentiment is generally negative across economists and market strategists. Therefore, any positive developments within the economic, policy or geopolitical landscape could spark a risk-asset recovery.
- Downside risks are anchored to stubborn inflation that does not decline fast enough to align with central-bank targets. Central banks could tighten into a recession in order to restore long-term price stability.
- Holding policy rates higher for longer to stamp out inflation represents another potential hit to asset valuations. Unemployment could head toward 6.0% while corporate profits likely plunge.

Asset Class Outlook

Our recommended allocation expresses a cautious view. We believe in an opportunistic investment approach for 2023, especially when market volatility shifts valuations.







AUTHOR



CRAIG BURELLEVP, Senior Macro
Strategies Analyst

Disclosure

This commentary is provided for informational purposes only and should not be construed as investment advice. Any opinions or forecasts contained herein reflect the subjective judgments and assumptions of the authors only and do not necessarily reflect the views of Loomis, Sayles & Company, L.P. Investment recommendations may be inconsistent with these opinions. There is no assurance that developments will transpire as forecasted and actual results will be different. Data and analysis do not represent the actual or expected future performance of any investment product. Information, including that obtained from outside sources, is believed to be correct, but Loomis Sayles cannot guarantee its accuracy. This information is subject to change at any time without notice.

Past performance is no guarantee of future results.

Indices are unmanaged and do not incur fees. It is not possible to invest directly in an index.

Any investment that has the possibility for profits also has the possibility of losses, including the loss of principal.

Diversification does not ensure a profit or guarantee against a loss.

Commodity, interest and derivative trading involves substantial risk of loss.

LS Loomis | Sayles is a trademark of Loomis, Sayles & Company, L.P. registered in the US Patent and Trademark Office.

y @loomissayles

MALR030207

Additional Notes

This material has been provided for information purposes only to investment service providers or other Professional Clients, Qualified or Institutional Investors and, when required by local regulation, only at their written request. This material must not be used with Retail Investors.

To obtain a summary of investor rights in the official language of your jurisdiction, please consult the legal documentation section of the website (im.natixis.com/intl/intl-fund-documents)

In the E.U.: Provided by Natixis Investment Managers International or one of its branch offices listed below. Natixis Investment Managers International is a portfolio management company authorized by the Autorité des Marchés Financiers (French Financial Markets Authority - AMF) under no. GP 90-009, and a public limited company (société anonyme) registered in the Paris Trade and Companies Register under no. 329 450 738. Registered office: 43 avenue Pierre Mendès France, 75013 Paris. <a href="Laly: Natixis Investment Managers International Natixis Investment Managers International, Nederlands (Registration number 000050438298). Registered office: Stadsplateau 7, 3521AZ Utrecht, the Netherlands. Spain: Natixis Investment Managers International, Nederlands (Registration number 000050438298). Registered office: Stadsplateau 7, 3521AZ Utrecht, the Netherlands. Spain: Natixis Investment Managers International, Nederlands (Registration number 00050438298). Registered office: Stadsplateau 7, 3521AZ Utrecht, the Netherlands. Spain: Natixis Investment Managers International, Nederlands (Registration number 00050438298). Registered office stadsplateau 7, 3521AZ Utrecht, the Netherlands. Spain: Natixis Investment Managers International Natixis Investment Managers International Natixis Investment Managers International Natixis Investment Managers International Natixis Investment Managers Natixis Investment Managers S.A.; a Luxembourg management company that is authorized by the Commission de Surveillance du Secteur Financier and is incorporated under Luxembourg laws and registered under n. B 115843. Registered office of Natixis Investment Managers S.A.; a Luxembourg Managers International Natixis Investment Managers S.A.; Delgiam Branch, Gare Maritime, Rue Piccard Natixis Investmen

In the British Isles: Provided by Natixis Investment Managers UK Limited which is authorised and regulated by the UK Financial Conduct Authority (register no. 190258) - registered office: Natixis Investment Managers UK Limited, One Carter Lane, London, EC4V 5ER. When permitted, the distribution of this material is intended to be made to persons as described as follows: in the United Kingdom: this material is intended to be communicated to and/or directed at investment professional and professional investors only; in Ireland: this material is intended to be communicated to and/or directed at professional investors only; in Guernsey: this material is intended to be communicated to and/or directed at only financial services providers which hold a license from the Guernsey Financial Services Commission; in Jersey: this material is intended to be communicated to and/or directed at professional investors only; in the Isle of Man: this material is intended to be communicated to and/or directed at professional investors only; in the Isle of Man Financial Services Authority or insurers authorised under section 8 of the Insurance Act 2008.

In the DIFC: Provided in and from the DIFC financial district by Natixis Investment Managers Middle East (DIFC Branch) which is regulated by the DFSA. Related financial products or services are only available to persons who have sufficient financial experience and understanding to participate in financial markets within the DIFC, and qualify as Professional Clients or Market Counterparties as defined by the DFSA. No other Person should act upon this material. Registered office: Unit L10-02, Level 10, ICD Brookfield Place, DIFC, PO Box 506752, Dubai. United Arab Emirates

In Japan: Provided by Natixis Investment Managers Japan Co., Ltd. Registration No.: Director-General of the Kanto Local Financial Bureau (kinsho) No.425. Content of Business: The Company conducts investment management business, investment advisory and agency business and Type II Financial Instruments Business as a Financial Instruments Business Operator. In Talwan: Provided by Natixis Investment Managers Securities Investment Consulting (Taipei) Co., Ltd., a Securities Investment Consulting Enterprise regulated by the Financial Supervisory Commission of the R.O.C. Registered address: 34F., No. 68, Sec. 5, Zhongxiao East Road, Xinyi Dist., Taipei City 11065, Taiwan (R.O.C.), license number 2020 FSC SICE No. 025, Tel. +886 2 8789 2788. In Singapore: Provided by Natixis Investment Managers Singapore Limited (NIM Singapore) having office at 5 Shenton Way, #22-05/06, UIC Building, Singapore no 68808 (Company Registration No. 199801044D) to distributors and qualified investors for information purpose only. IIM Singapore is regulated by the Monetary Authority of Singapore under a Capital Markets Services Licence to conduct fund management activities and is an exempt financial adviser. Mirova Division is part of NIM Singapore and is not a separate legal entity. Business Name Registration No. of Mirova: 53431077W. This advertisement or publication has not been reviewed by the Monetary Authority of Singapore. In Hong Kong: Provided by Natixis Investment Managers Hong Kong Limited to professional investors for information purpose only. In Australia: Provided by Natixis Investment Managers Australia Pty Limited (ABN 60 088 786 289) (AFSL No. 246830) and is intended for the general information of financial advisers and wholesale clients only. In New Zealand: This document is intended for the general information of New Zealand wholesale investors who have certified that they meet the requirements in the FMCA for wholesale investors. Natixis Investment Managers Australia Pty Limited is not a registered financial service provi

In Colombia: Provided by Natixis Investment Managers International Oficina de Representación (Colombia) to professional clients for informational purposes only as permitted under Decree 2555 of 2010. Any products, services or investments referred to herein are rendered exclusively outside of Colombia. This material does not constitute a public offering in Colombia and is addressed to less than 100 specifically identified investors. In Latin America: Provided by Natixis Investment Managers International. In Uruguay: Provided by Natixis Investment Managers Uruguay S.A., a duly registered investment advisor, authorised and supervised by the Central Bank of Uruguay. Office: San Lucar 1491, Montevideo, Uruguay, CP 11500. The sale or offer of any units of a fund qualifies as a private placement pursuant to section 2 of Uruguayan law 18,627. In Mexico: Provided by Natixis IM Mexico, S. de R.L. de C.V., which is not a regulated financial entity, securities intermediary, or an investment manager in terms of the Mexican Securities Market Law (Ley del Mercado de Valores) and is not registered with the Comisión Nacional Bancaria y de Valores (CNBV) or any other Mexican authority. Any products, services or investments referred to herein that require authorization or license are rendered exclusively outside of Mexico. While shares of certain ETFs may be listed in the Sistema Internacional de Cotizaciones (SIC), such listing does not represent a public offering of securities in Mexico, and therefore the accuracy of this information has not been confirmed by the CNBV. Natixis Investment Managers is an entity organized under the laws of France and is not authorized by or registered with the CNBV or any other Mexican authority. Any reference contained herein to "Investment Managers" is made to Natixis Investment Managers and/or any of its investment management subsidiaries, which are also not authorized by or registered with the CNBV or any other Mexican authorized by or registered with the CNBV or any other Mexican authorized b

Natixis Investment Managers International is a portfolio management company authorized by the Autorité des Marchés Financiers (French Financial Markets Authority - AMF) under no. GP 90-009, and a public limited company (société anonyme) registered in the Paris Trade and Companies Register under no. 329 450 738. Registered office: 43 avenue Pierre Mendès France, 75013 Paris. The above referenced entities are business development units of Natixis Investment Managers, the holding company of a diverse line-up of specialised investment management and distribution entities worldwide. The investment management subsidiaries of Natixis Investment Managers conduct any regulated activities only in and from the jurisdictions in which they are licensed or authorized. Their services and the products they manage are not available to all investors in all jurisdictions. It is the responsibility of each investment service provider to ensure that the offering or sale of fund shares or third party investment services to its clients complies with the relevant national law. The provision of this material and/or reference to specific securities, sectors, or markets within this material does not constitute investment advice, or a recommendation or an offer to buy or to sell any security, or an offer of any regulated financial activity. Investors should consider the investment objectives, risks and expenses of any investment carefully before investing.

The analyses, opinions, and certain of the investment themes and processes referenced herein represent the views of the portfolio manager(s) as of the date indicated. These, as well as the portfolio holdings and characteristics shown, are subject to change. There can be no assurance that developments will transpire as may be forecasted in this material. The analyses and opinions expressed by external third parties are independent and does not necessarily reflect those of Natixis Investment Managers. Past performance information presented is not indicative of future performance. Although Natixis Investment Managers believes the information provided in this material to be reliable, including that from third party sources, it does not guarantee the accuracy, adequacy, or completeness of such information. This material may not be distributed, published, or reproduced, in whole or in part.All amounts shown are expressed in USD unless otherwise indicated.

Natixis Investment Managers may decide to terminate its marketing arrangements for this product in accordance with the relevant legislation

