

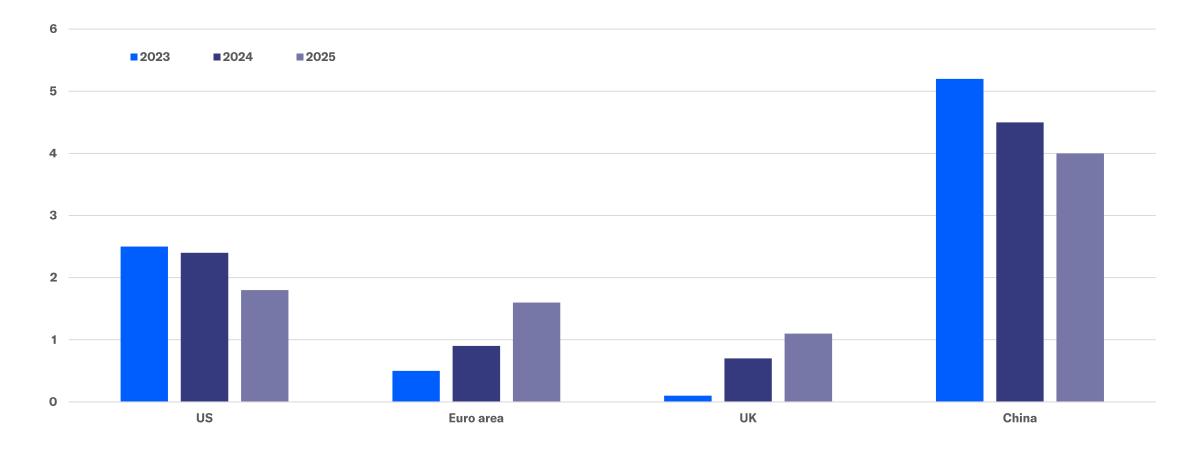
Key messages

- Global economy will stabilize in 2024
 European growth is recovering, policy rates will decline
- Geopolitical risks will take centre stage as macro risks fade
 Next UK government faces big challenges
- Credit downturn may already have peaked
 But even as default rates decline, recoveries will remain weak



European growth will rise as US growth eases

Calendar year growth rates for real GDP (%)



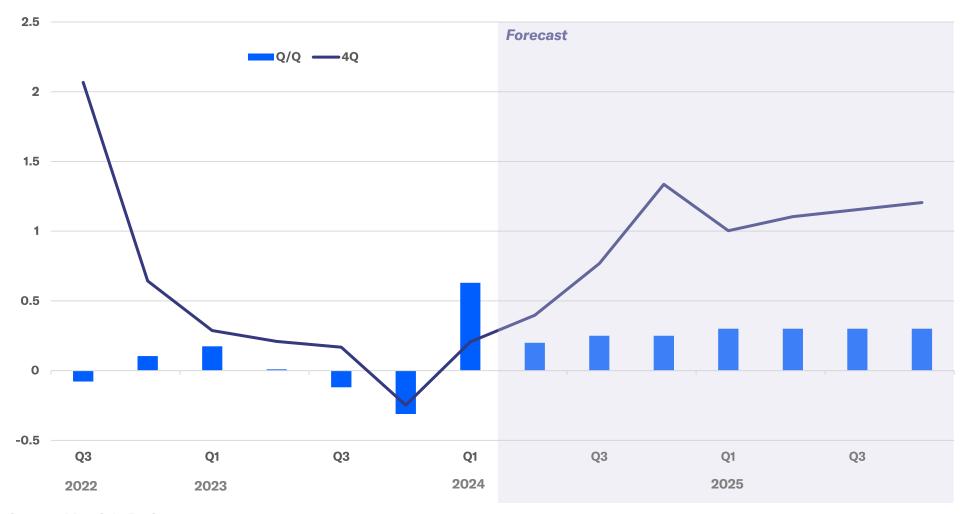
Source: Moody's Ratings.

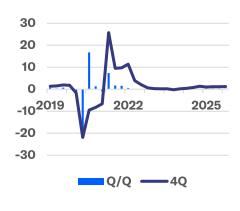
https://www.moodys.com/research/Global-Macro-Outlook-2024-25-May-2024-update-G-20-momentum-persists-in-Outlook--PBC_1407806



UK growth: Q1 not likely to be sustained

Growth rates for UK real GDP (%)

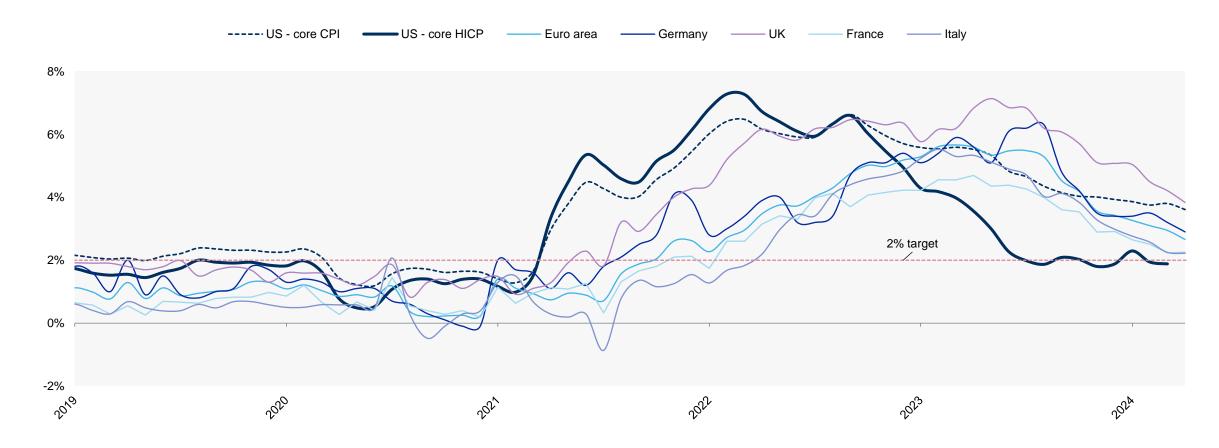




Source: Moody's Ratings.

Inflation: general decline evident across countries

Twelve-month core inflation rates by country (%)



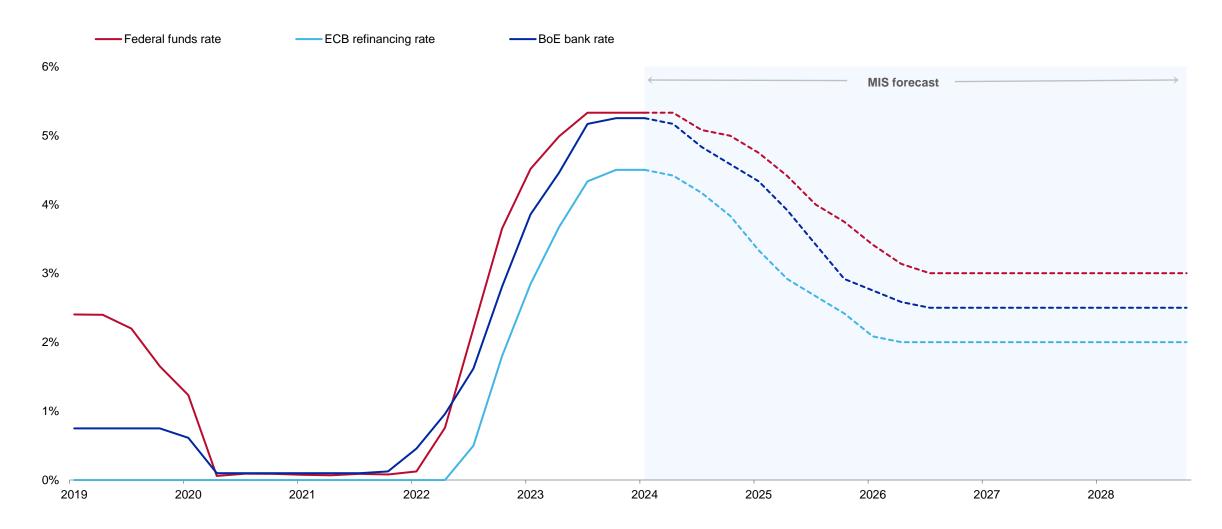
Source: Moody's Ratings.

https://www.moodys.com/research/Global-Macro-Outlook-2024-25-May-2024-update-G-20-momentum-persists-in-Outlook--PBC_1407806



We expect policy rates to fall slowly

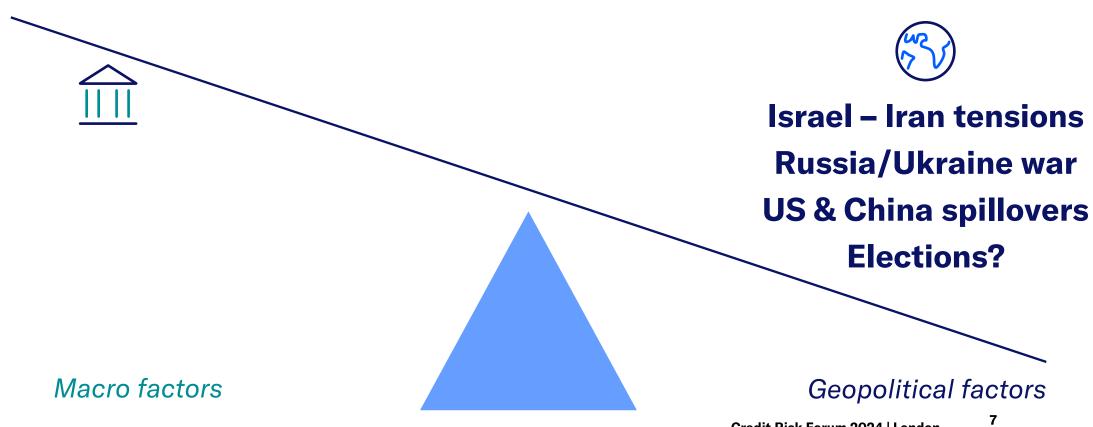
Central bank main policy rates





Geopolitical risks to persist as macro risks fade

Lower inflation Reduction in rates Growth stabilising



Baseline

Middle East Conflict

Downside

Hostilities between Israel - Iran and Iranian proxies Attacks on military and commercial assets in the region; Tit-for-tat exchanges; some disruption to Red Sea shipping; temporary airspace closure

- · Higher Israeli defense spending
- Minimal infrastructure damage
- Fatalities and displaced population (Gaza and Israel)
- · Volatility in global oil price
- Moderate impact on shipping routes

- Weaker economic sentiment in Israel
- Lower tourism (Egypt, Jordan)
- Lower Suez Canal revenues (Egypt)
- Temporary market impact, limited impact on inflation
- Region: moderate impact on debt issuers in Israel, Egypt and Lebanon
- Global: limited impact on some importdependent European corporates

Risk transmission channels



Energy & supply chains

Macrofinancial conditions

Affected credits

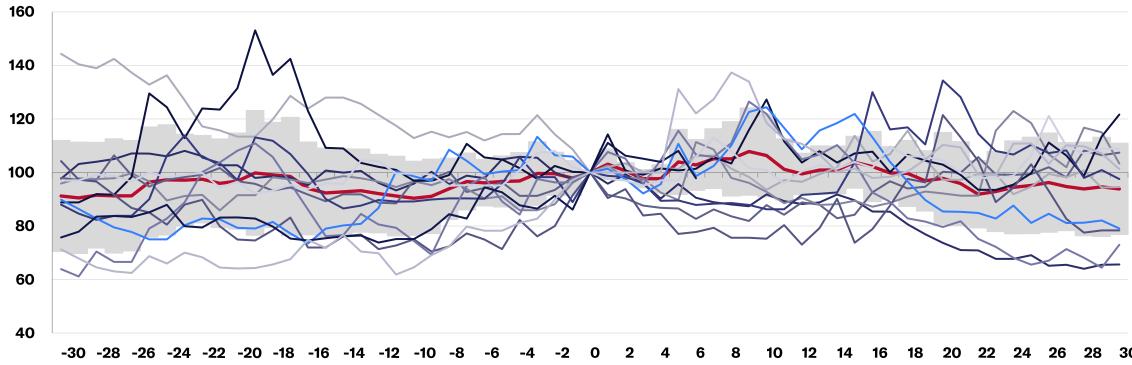
Outright military conflict between Israel/allies – Iran; Protracted disruption of the Strait of Hormuz and Red Sea shipping; protracted airspace closure

- · Higher defense spending in affected countries
- Deepening geopolitical fissures
- Considerable damage to infrastructure in ME
- · Fatalities and populations displaced in wider region
- Initial spike in global oil prices that is sustained for a prolonged period
- Higher gas prices (esp. Europe and Asia)
- Sustained and severe supply chain disruption
- Significant negative impact on global growth
- Higher credit spreads, capital flight, falling asset prices
- Sustained significant market impact
- Rise in inflation that reverses monetary easing
- Middle East most exposed
- Global: negative (high-yield, energy intensive, confidence sensitive sectors, affected ports)
- Global: positive (defense sector)

Geopolitics: some signals are better than others

VIX reaction to geopolitical events (% change vs Day 0)





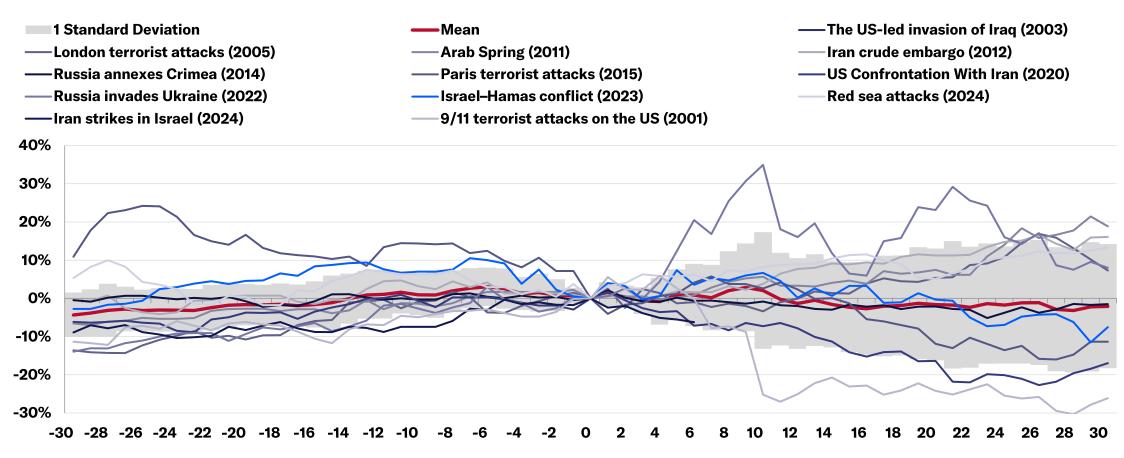
Day 0 = day before specified geopolitical event

Source: Moody's Ratings.



Geopolitics: some signals are better than others

Oil price reaction to geopolitical events (% change vs Day 0)



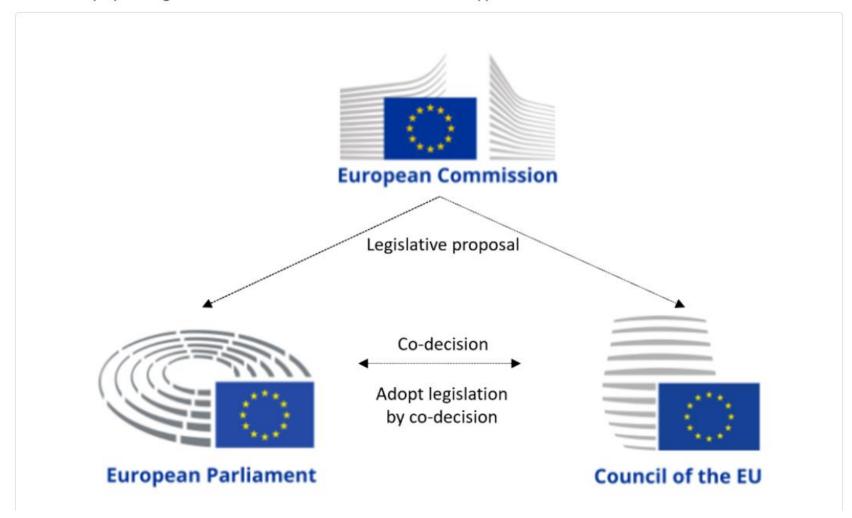
Day 0 = day before specified geopolitical event

Source: Moody's Ratings.



Europe: shift to security & competition likely with new parliament

Commission proposes legislation which Parliament and Council amend and approve



Source: Moody's Ratings.

https://www.moodys.com/research/Political-risk-Europe-EU-Parliament-elections-provide-continuity-as-priorities-Sector-Comment--PBC 1406911



Increased defence spending poses risk to European debt ratios

Scenario analysis of debt impact from increased defence spending

General government debt, % of GDP



Sources: National Statistical Offices and Moody's Ratings



US elections: Key policies are we monitoring

- → Credit conditions for issuers will hinge on how the forthcoming administration and new Congress maintain or redirect 5 key issues: fiscal policy, economic policy, climate and immigration policy, financial and technology regulations, and geopolitics.
- → The balance of power within Congress will determine the extent to which the next administration can reform existing laws or pass new legislation to advance its agenda.





- → Reversal of deterioration in debt affordability will be key to avert US downgrade.
- Political polarization, debt service and nondiscretionary budget spending will complicate this.



Economic policy

- → Bipartisan
 collaboration likely on
 policies that
 safeguard national
 security, boost
 supply-chain
 resilience and US
 competitiveness.
- Risk of overarching restrictive policy on trade and investment (China).



Climate and social

- → Policy reversal risk on major IRA tax incentives low.
 → While risks to green
- While risks to green investment momentum have increased.
- → Immigration will remain key challenge but could bolster labor supply.



Financial and tech

- Changes to prudential regulatory capital and liquidity standards and LT debt holdings possible.
- Digital asset regulatory to focus on illicit finance and national security.
- → Regulatory intervention likely on Al.



Geopolitics

- → Geopolitical realities will continue to influence key US policies on trade, finance, immigration and cybersecurity.
- → A US agenda that emphasizes more protectionist strategies will likely exacerbate geopolitical divisions and affect financial markets.

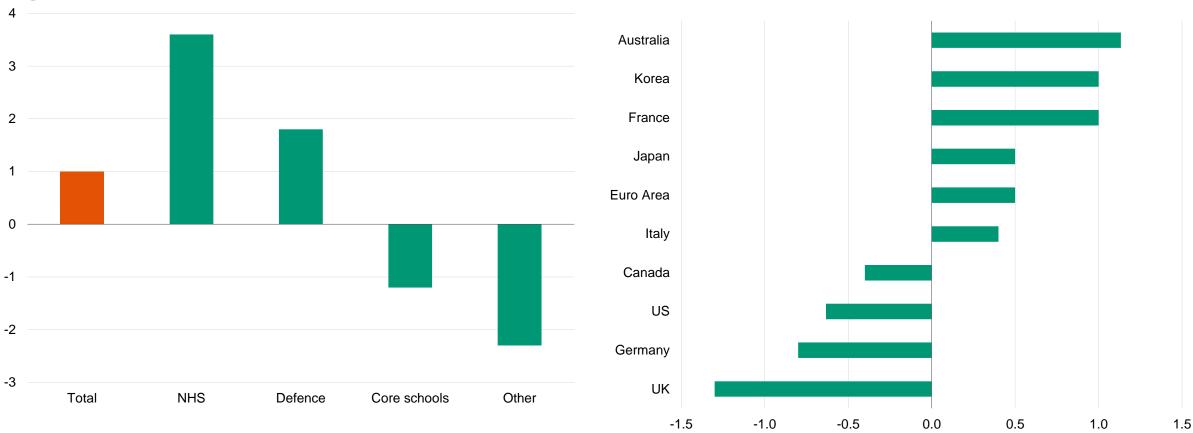
UK election winner faces significant challenges

Austerity will return under current plans

Real terms spending growth (2026-9) implied to meet debt target

Activity rate has fallen sharply

Change in 15+ labour force activity (ppts), 2019 Q4 to 2023 Q4



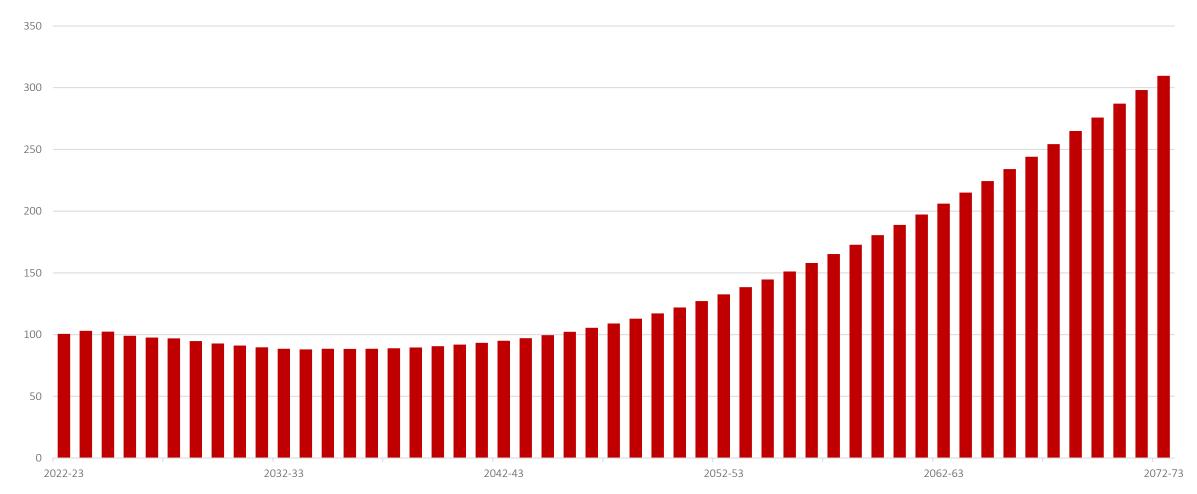
Source: Moody's Ratings.

https://www.moodys.com/research/Government-Policy-UK-New-government-could-boost-growth-but-faces-Sector-In-Depth--PBC_1410205



UK has serious long-term fiscal challenges

Long-term UK public debt forecast (% of GDP)

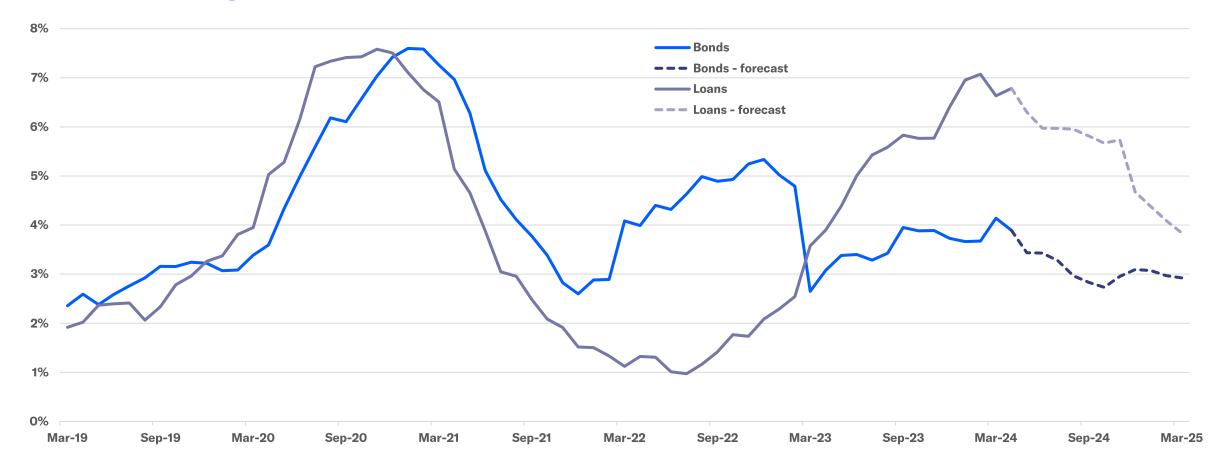


Source: Office for Budget Responsibility.



Bond vs loan defaults: floating rates have hit loans

12-month trailing default rates and forecasts

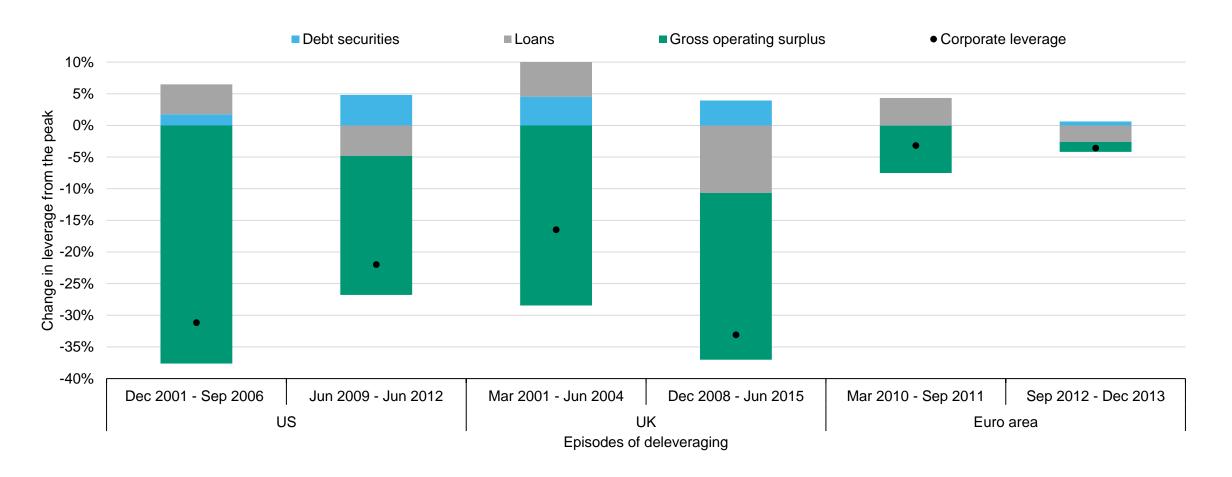


Source: Moody's Ratings.

https://www.moodys.com/research/Default-Trends-Global-April-2024-Default-Report-Default-Report-PBC 1408012

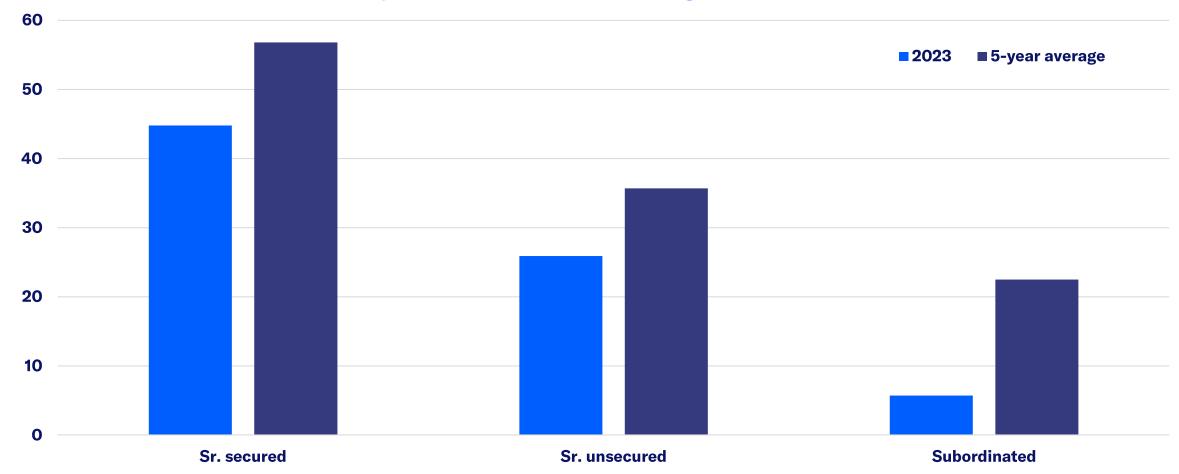
Weak growth makes deleveraging unlikely

Accounting approach for past periods of sectoral debt reduction



So lower recoveries may be here to stay

Interim estimates of recovery rates (based on trading prices)

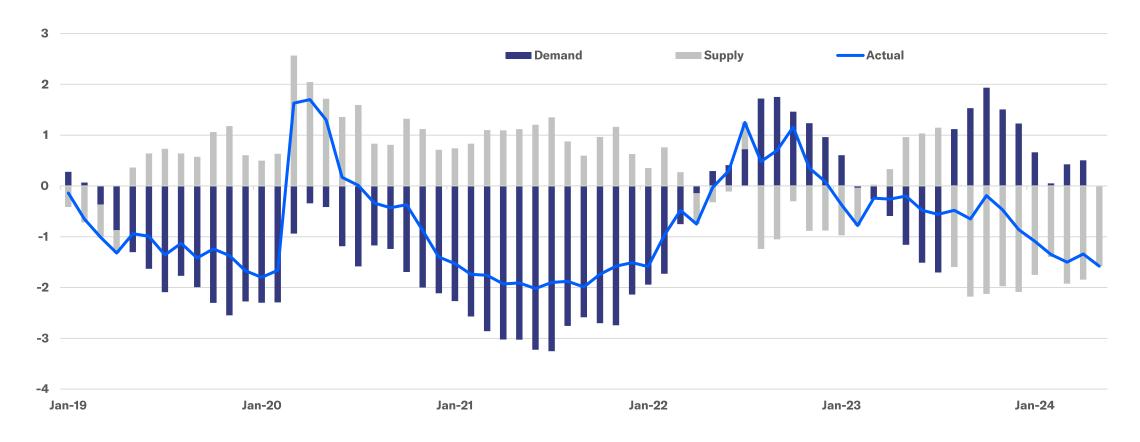


Source: Moody's Ratings.

https://www.moodys.com/research/doc--PBC 1394375

HY Europe: Demand has driven recent spread tightening

Cumulative changes in European HY spreads since December 2018 (ppts)

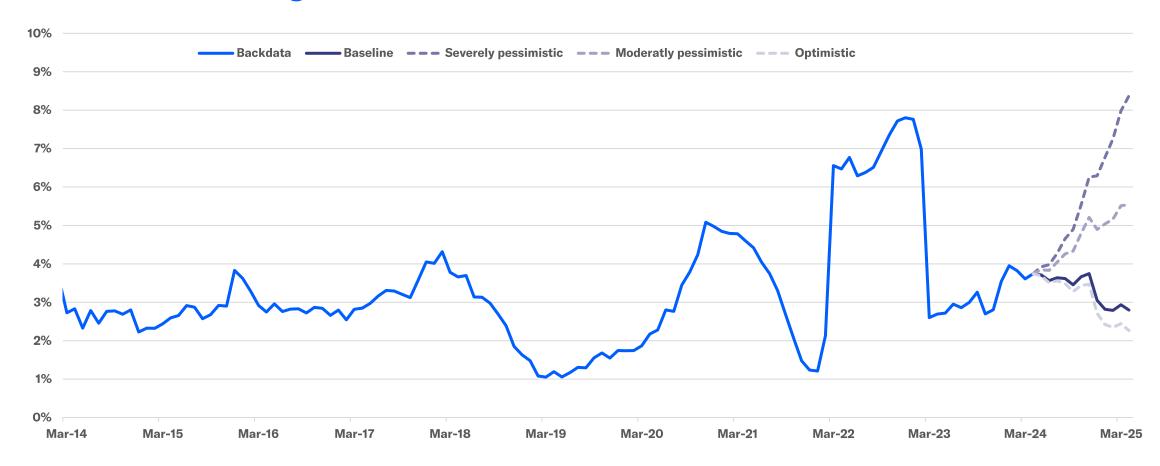


Source: Moody's Ratings.

https://www.moodys.com/research/Credit-Strategy-Global-What-drives-the-bond-market-Demand-and-Sector-In-Depth--PBC 1362535

Europe SG default rate will decline this year

Twelve-month trailing default rate (%)



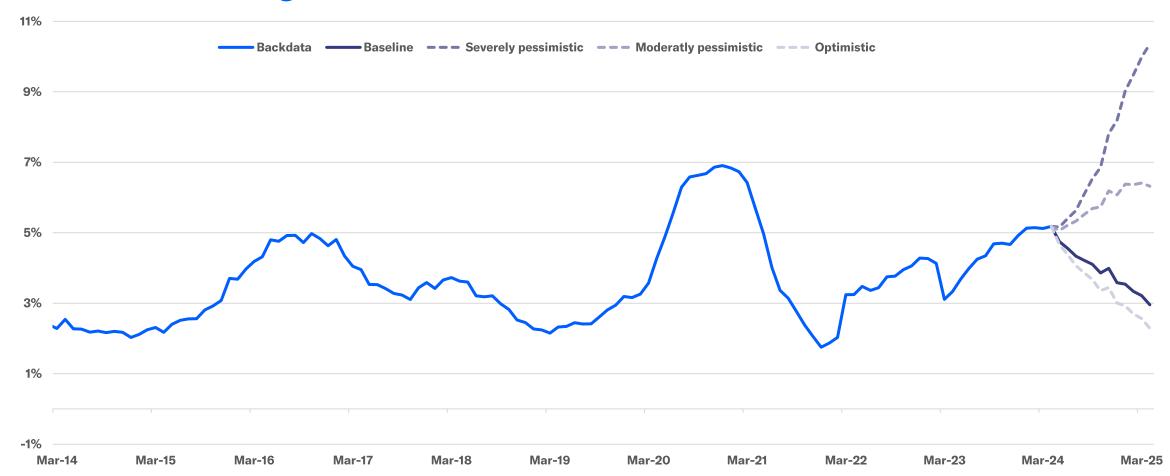
Source: Moody's Ratings.

https://www.moodys.com/research/Default-Trends-Global-April-2024-Default-Report-Default-Report-PBC 1408012



Global SG default rate may just have peaked

Twelve-month trailing default rate (%)



Source: Moody's Ratings.

https://www.moodys.com/research/Default-Trends-Global-April-2024-Default-Report-Default-Report-PBC_1408012



Key messages

Global economy will stabilize in 2024
European growth is recovering, policy rates will decline

- Geopolitical risks will take centre stage as macro risks fade
 Next UK government faces big challenges
- Credit downturn may already have peaked
 But even as default rates decline, recoveries will remain weak



Q&A

Thank you

Colin.Ellis@Moodys.com Global Credit Strategist © 2024 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED OR OTHERWISE MADE AVAILABLE BY MOODY'S (COLLECTIVELY, "MATERIALS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY, CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S MATERIALS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S MATERIALS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS. ASSESSMENTS. OTHER OPINIONS AND MATERIALS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES, MOODY'S CREDIT RATINGS. ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES OR OTHERWISE MAKES AVAILABLE ITS MATERIALS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL. WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND MATERIALS ARE NOT INTENDED FOR USE BY RETAIL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR RETAIL INVESTORS TO USE MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR MATERIALS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT. FOR CLARITY, NO INFORMATION CONTAINED HEREIN MAY BE USED TO DEVELOP, IMPROVE, TRAIN OR RETRAIN ANY SOFTWARE PROGRAM OR DATABASE, INCLUDING, BUT NOT LIMITED TO, FOR ANY ARTIFICIAL INTELLIGENCE, MACHINE LEARNING OR NATURAL LANGUAGE PROCESSING SOFTWARE, ALGORITHM, METHODOLOGY AND/OR MODEL.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the credit rating process or in preparing its Materials.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay to Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit ratings and credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service, Inc. and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at www.moodys.com under the heading "Investor Relations — Corporate Governance — Charter Documents - Director and Shareholder Affiliation Policy."

Moody's SF Japan K.K., Moody's Local AR Agente de Calificación de Riesgo S.A., Moody's Local BR Agência de Classificação de Risco LTDA, Moody's Local MX S.A. de C.V, I.C.V., Moody's Local PE Clasificadora de Riesgo S.A., and Moody's Local PA Calificadora de Riesgo S.A. (collectively, the "Moody's Non-NRSRO CRAs") are all indirectly wholly-owned credit rating agency subsidiaries of MCO. None of the Moody's Non-NRSRO CRAs is a Nationally Recognized Statistical Rating Organization.

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for India only: Moody's credit ratings, Assessments, other opinions and Materials are not intended to be and shall not be relied upon or used by any users located in India in relation to securities listed or proposed to be listed on Indian stock exchanges.

Additional terms with respect to Second Party Opinions (as defined in Moody's Investors Service Rating Symbols and Definitions): Please note that a Second Party Opinion ("SPO") is not a "credit rating". The issuance of SPOs is not a regulated activity in many jurisdictions, including Singapore. JAPAN: In Japan, development and provision of SPOs fall under the category of "Ancillary Businesses", not "Credit Rating Business", and are not subject to the regulations applicable to "Credit Rating Business" under the Financial Instruments and Exchange Act of Japan and its relevant regulation. PRC: Any SPO: (1) does not constitute a PRC Green Bond Assessment as defined under any relevant PRC laws or regulations; (2) cannot be included in any registration statement, offering circular, prospectus or any other documents submitted to the PRC regulatory authorities or otherwise used to satisfy any PRC regulatory disclosure requirement; and (3) cannot be used within the PRC for any regulatory purpose or for any other purpose which is not permitted under relevant PRC laws or regulations. For the purposes of this disclaimer, "PRC" refers to the mainland of the People's Republic of China, excluding Hong Kong, Macau and Taiwan.