Macro Microscope

Country Rotation in Financial Markets March 2025



Indrani De Head of Global Investment Research FTSE Russell, LSEG



John Dioufas Director, Datastream and Macroeconomics LSEG



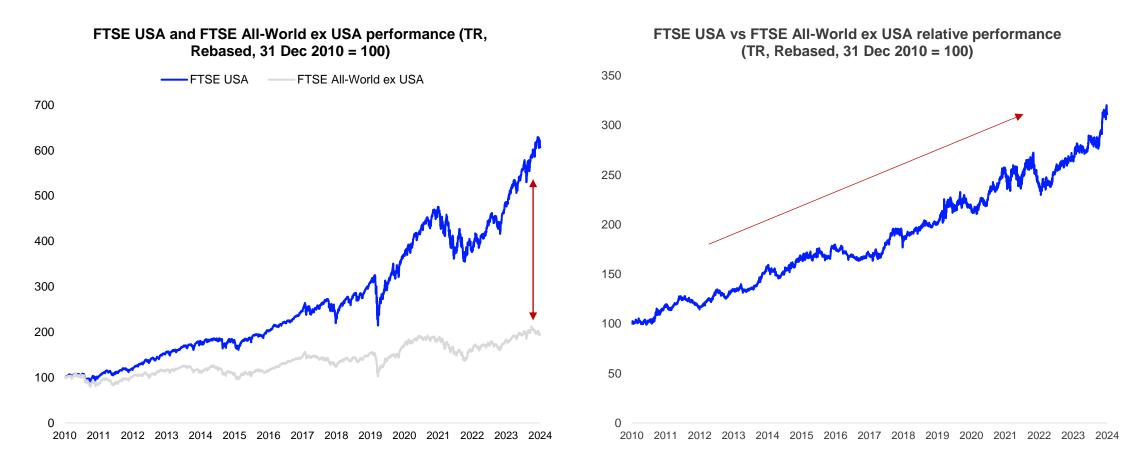


FTSE Russell is not an investment firm and this presentation is not advice about any investment activity. None of the information in this presentation or reference to a FTSE Russell index constitutes an offer to buy or sell, or a promotion of a security. This presentation is solely for informational purposes. Accordingly, nothing contained in this presentation is intended to constitute legal, tax, securities, or investment advice, nor an opinion regarding the appropriateness of making any investment through our indexes.

Views expressed are subject to change. These views do not necessarily reflect the opinion of FTSE Russell or London Stock Exchange Group plc.

US equities' exceptional performance in the post-2010 period

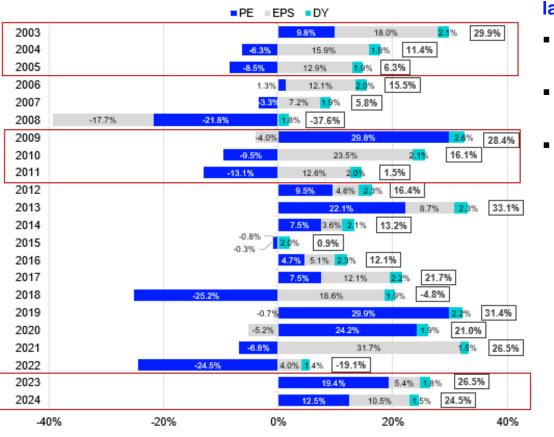
- US equities outpaced global peers post-2010; during 2011-24, FTSE USA returned 3.1x FTSE All-World ex USA.
- Equity returns are driven by three main components—earnings growth, valuation changes and dividend yield. We examined
 their contribution to US returns during the 2003-24* period.



FTSE Russell and LSEG. Data as of December 31, 2024. Past performance is no guarantee of future results. Notes: * We start our analysis in 2003 due to the availability of component data for FTSE Russell's equity indices. From FTSE Russell Research Decomposition of US equity returns over time – is it different this time?

US equities' 2023-24 performance was driven more by valuation expansion than in previous cycles

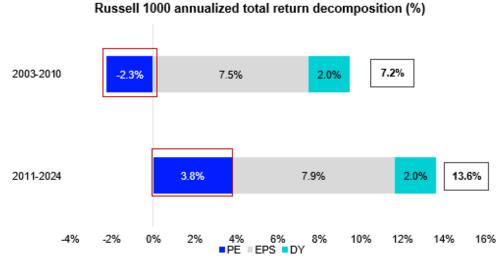
- In 2023 & 2024 (following the market pullback in 2022), valuation expansion accounted for around three-fourths to half, respectively, of Russell 1000 total return.
- During the recoveries of 2003-05 and 2009-11, valuation multiples bounced initially to be replaced by earnings growth as the main driver of Russell 1000 returns. In the post-2022 market recovery, valuation expansion continued to play the major role. What are the possible implications?



Russell 1000 total return decomposition, 12M, Percent

Role of valuation expansion in US equity outperformance over the last 14 years.

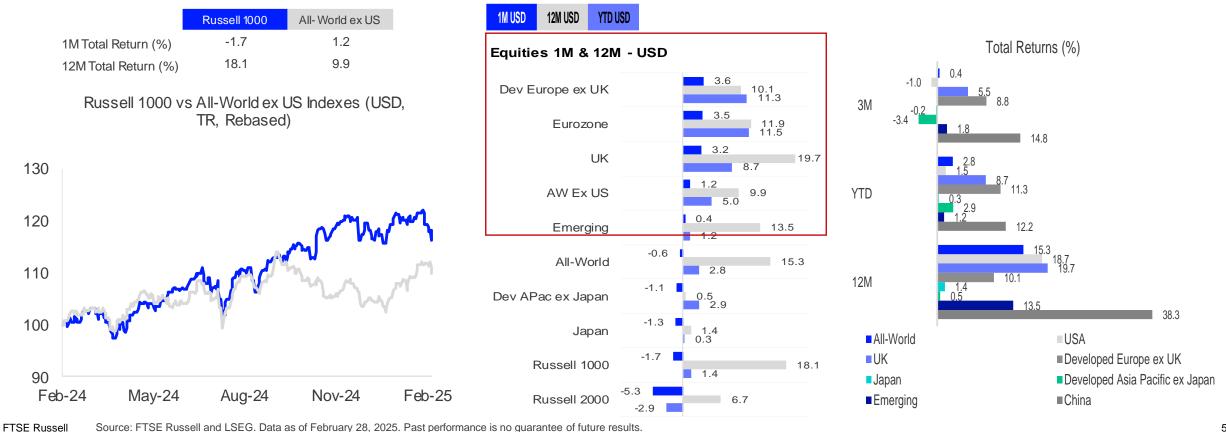
- 2011-24, annualized total return of Russell 1000 was nearly double that during 2003-10 (13.6% vs 7.2% earlier).
- Annualized earnings growth was only marginally higher during 2011-24 (7.9% pts) relative to 2003-10 (7.5% pts).
- Valuation expansion contributed 3.8% pts to Russell 1000 total return during 2011-24, while valuations contracted on an annualized basis during 2003-10.



Source: FTSE Russell and LSEG. Data as of December 31, 2024. Past performance is no guarantee of future results. Note: The total return for each year is indicated in the box. PE, EPS and DY show the valuation expansion, FTSE Russell earnings growth and dividend yield components of total return, respectively. From FTSE Russell research <u>Decomposition of US equity returns over time – is it different this time?</u>

Shifts in equity market leadership & high valuations have raised questions about the sustainability of US outperformance US equities' January underperformance of global peers continued into February; European equities shone

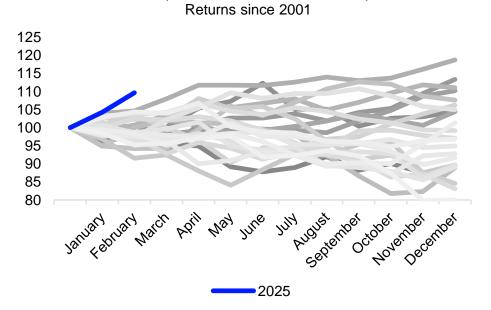
- US equities' have lagged the All-World ex US YTD. YTD, China, Developed Europe ex UK and UK outperformed FTSE All World, and US underperformed.
- Over 3M, US equities saw the first negative 3M return since October 2023 and over 12M China and UK equities outperformed the US.
- Multiple factors: US policy uncertainty, a challenge from DeepSeek to the narrative around US AI capital investment, growth concerns...German election outcome removed a small element of uncertainty in Europe; stimulus plans boosted specific sectors. Chinese equities rallied



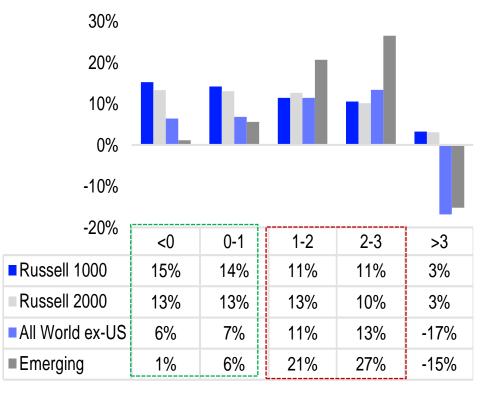
Global equity returns under varying US Real Yield environments

- Higher US real yields above 1% historically supported non-US equities.
- With real yields near 2%, historical relationships indicate that All-World ex-US and particularly EM equity have the potential to benefit from the real rate environment.
- FTSE Developed Europe ex UK had a strong start to the year; juxtaposed with the returns from the US, it is the most favorable relative performance since 2001.

FTSE Developed ex UK vs FTSE USA Comparative



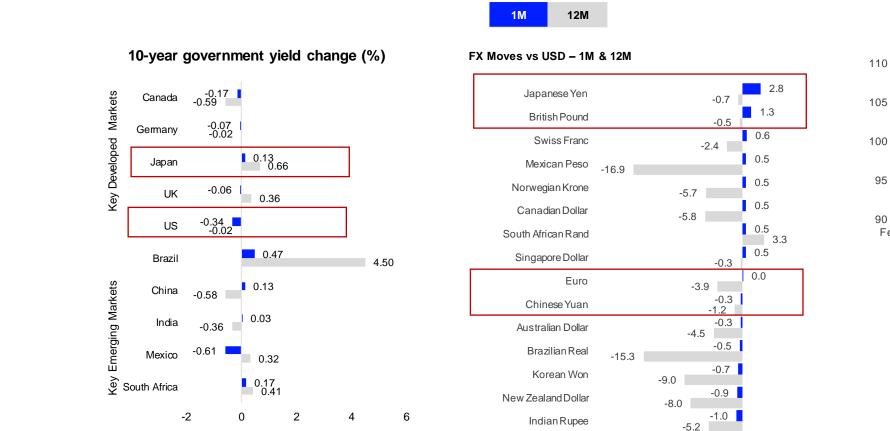
* Each grey line shows the cumulated comparative return for a year since 2001

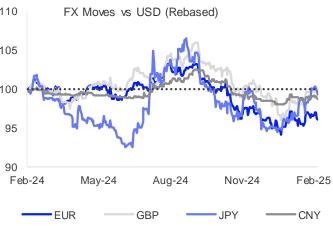


Equity returns under varying US real yield (7-10Y) levels

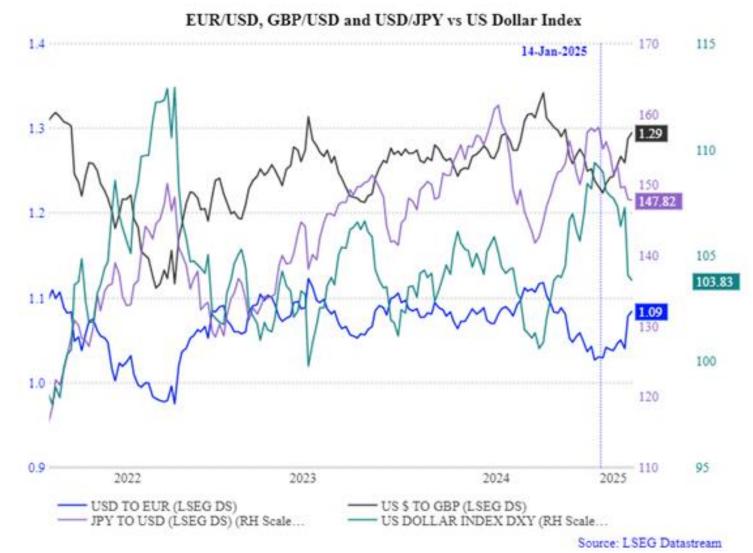
Many major currencies gained versus the US dollar during February

- US, Canadian and Mexican long yields notably lower; Japanese 10-year yields higher. German and UK yields essentially flat.
- Yen gained versus the USD buffering Japanese equity losses for USD-based investors.
- Brazilian long yields have been climbing; CB in monetary tightening stance.



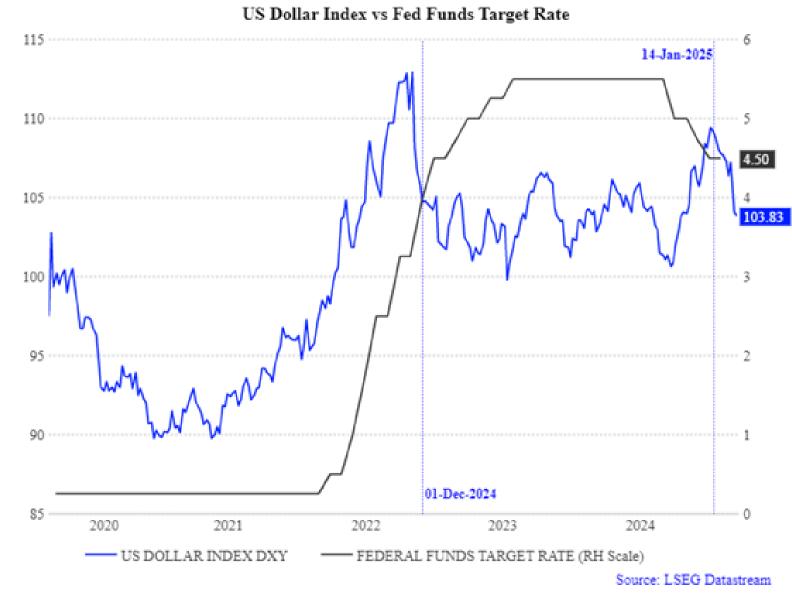


EUR/USD, GBP/USD and USD/JPY vs US Dollar Index



• EUR/USD, GBP/USD, USD/JPY all outperforming the Dollar.

US Dollar Index vs Fed Funds Target Rate



Least Probable

G7 and Switzerland Interest Rate Probabilities

INTEREST RATE PROBABILITIES										
	Central Bank	Target Rate	Next Meeting Date	Curren						

	Central Bank	Target Rate	Date	Current Rate	Implied Rate	Action	Change By	Probablility (%)	Action	Change By	Probability (%)
	Federal Reserve	Fed Funds Target	19-Mar-2025	+4.375	4.323	NO CHANGE		97.0	СИТ	-0.25	3.0
$\overline{\mathbf{O}}$	European Central Bank	Deposit Facility Rate	17-Apr-2025	+2.50	2.268	CUT	-0.25	57.9	NO CHANGE		42.1
۲	Bank of Japan	Policy Rate Balance	19-Mar-2025	0.50	0.495	NO CHANGE		93.0	НІКЕ	0.25	7.0
	Bank of England	Bank Rate	20-Mar-2025	+4.50	4.435	NO CHANGE		92.1	СИТ	-0.25	7.9
÷	Swiss National Bank	3M Target LIBOR Rate	20-Mar-2025	+0.50	0.265	СИТ	-0.25	69.8	NO CHANGE		30.2
+	Bank of Canada	ON Target Rate	16-Apr-2025	+2.75	2.614	СИТ	-0.25	62.7	СИТ	-0.50	37.3

Most Probable

• An interest rate disconnect?

Disclaimer

© 2025 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) The Yield Book Inc ("YB") and (7) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "The Yield Book®", "Beyond Ratings®" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of the LSE Group or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly, or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or of results to be obtained from the use of FTSE Russell products, including but not limited to indexes, data and analytics, or the fitness or suitability of the FTSE Russell products for any particular purpose to which they might be put. Any representation of historical data accessible through FTSE Russell products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any error (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating, or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indexes cannot be invested in directly. Inclusion of an asset in an index is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

The information contained in this report should not be considered "research" as defined in recital 28 of the Commission Delegated Directive (EU) 2017/593 of 7 April 2016 supplementing Directive 2014/65/EU of the European Parliament and of the Council ("MiFID II") and is provided for no fee.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index inception date is back-tested performance.

Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index was officially launched. However, back-tested data may reflect the application of the index methodology with the benefit of hindsight, and the historic calculations of an index may change from month to month based on revisions to the underlying economic data used in the calculation of the index.

This document may contain forward-looking assessments. These are based upon a number of assumptions concerning future conditions that ultimately may prove to be inaccurate. Such forward-looking assessments are subject to risks and uncertainties and may be affected by various factors that may cause actual results to differ materially. No member of the LSE Group nor their licensors assume any duty to and do not undertake to update forward-looking assessments.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of the LSE Group. Use and distribution of the LSE Group data requires a licence from FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB, BR and/or their respective licensors.

About FTSE Russell (LSEG)

FTSE Russell is a leading global provider of index and benchmark solutions, spanning diverse asset classes and investment objectives. As a trusted investment partner we help investors make better-informed investment decisions, manage risk, and seize opportunities.

Market participants look to us for our expertise in developing and managing global index solutions across asset classes. Asset owners, asset managers, ETF providers and investment banks choose FTSE Russell solutions to benchmark their investment performance and create investment funds, ETFs, structured products, and index-based derivatives. Our clients use our solutions for asset allocation, investment strategy analysis and risk management, and value us for our robust governance process and operational integrity.

For over 40 years we have been at the forefront of driving change for the investor, always innovating to shape the next generation of benchmarks and investment solutions that open up new opportunities for the global investment community.

To learn more, visit <u>Iseg.com/ftse-russell;</u> email <u>info@ftserussell.com;</u> or call your regional Client Service team office:

EMEA +44 (0) 20 7866 1810

North America +1 877 503 6437

Asia-Pacific Hong Kong: +852 2164 3333 Tokyo: +81 3 6441 1430 Sydney: +61 (0) 2 7228 5659

