

Investment Insights | Invesco Global Liquidity

Global Liquidity Snapshot

An at-a-glance look at what's happening in short-term liquidity markets around the world

IN THIS ISSUE:

- 1 4Q highlights Pages 01-02
- 2 Key areas to watch Page 02
- 3 Investment implications Pages 02-03
- 4 Outlook Page 03-04
- 5 Data spotlight Pages 04-05

4Q highlights

US

On December 18, the Federal Reserve (Fed) lowered short-term interest rates by 25 basis points, resulting in the current federal funds rate range of 4.25%-4.50%. There was only one dissenter among the Fed voters, signifying the collective desire to move out of restrictive policy and normalize rates to achieve the Fed's 2% average inflation target. The outcome of the U.S. presidential election, along with the Republican sweep of the House and Senate, led markets to speculate that new policies could perpetuate more inflation in the future. The median dot plot currently implies two 25 basis point cuts in 2025, versus four 25 basis point cuts priced in during the third quarter of 2024. (1)

US money market fund industry assets ended 2024 at a record high of USD6.85 trillion. Although the US Treasury yield curve has largely dis-inverted, elevated short-term yields have remained attractive to cash investors and have been a driving factor in the continued growth in money market fund assets. (2)

UK

The Bank of England (BoE) cut rates by 25 basis points in November to 4.75%, as widely expected by the market and with the vote split eight to one. The much anticipated UK Budget followed with a big increase in spending, over half of which is planned to be covered by higher taxes and the rest by increased borrowing. The package was more expansionary than anticipated and caused the market to price out extra rate cuts. In December, the BoE Monetary Policy Committee (MPC) kept rates on hold as anticipated at 4.75%. The six-to-three vote split in favour of the hold was a surprise, with the three dissents to cutting rates coming on the back of sluggish demand and a weakening labour market. Prior to the meeting, labour market data surprised to the upside, for both jobs and wages. The minutes confirmed that a gradual easing next year is the baseline for the majority, while the vote split and tone of the minutes were somewhat dovish. (3)

Europe

The European Central Bank (ECB) cut rates in two consecutive 25 basis point cuts, taking the overnight rate to 3.00%, in line with market expectations. The Governing Council maintained its data dependant stance for subsequent rate cuts, but tellingly, it made no mention of the need to keep policy restricted. This suggests that, while it retains its asymmetric aversion to risk, it appears to feel more comfortable with its inflation expectations. (4)

Political instability continued in the eurozone with the collapse of German Chancellor Olaf Schloz's three-way coalition, leading to the lower house of parliament being dissolved and paving the way for a snap election on February 23. France's turmoil continued as Prime Minister Michel Barnier resigned after a no-confidence vote. President Macron named centrist François Bayrou as the successor but the National Assembly remains crippled by the same three-bloc impasse it has experienced since July, with no change likely before July 2025.

continued...

This document is for Professional Clients only in Switzerland, Dubai, Continental Europe (as defined in the important information) and the UK; for Institutional Investors only in the United States; for Sophisticated or Professional Investors in Australia; for wholesale investors (as defined in the Financial Markets Conduct Act) in New Zealand; for Professional Investors in Hong Kong; for Qualified Institutional Investors in Japan; for certain specific Qualified Institutions and/or Sophisticated Investors in Taiwan; for Institutional Investors in Singapore; for Qualified Institutional Investors and/or certain specific institutional investors in Thailand; and in Canada this document is for use by investors who are (i) Accredited Investors, and (ii) Permitted Clients, as defined under National Instrument 45-106 and National Instrument 31-103, respectively. It is not intended for and should not be distributed to, or relied upon by, the public or retail investors. Please do not redistribute this document.

^{1.} Sources: Bloomberg LP; Federal Reserve; as of 9/18/24 and 12/18/24.

^{2.} Source: Bloomberg LP, Investment Company Institute (ICI), as of 1/01/25

^{3.} Source: Bloomberg LP as of 12/31/24, Bank of England 11/06/24, 12/18/24.

^{4.} Source: Bloomberg LP, European Central Bank (ECB) as of 12/12/24.



In the US, the January 2 expiration of the debt ceiling suspension and the March 14 expiration of the continuing resolution are near-term fiscal issues we are watching.

4Q highlights

Europe

Eurozone inflation edged up from it's low of 1.7% in the summer to 2.2% in November and is expected to remain slightly above the ECB's 2% target through the end of the first quarter. PMI data dropped over the quarter through the end of November, with the composite dropping to 48.5 before rebounding to 49.5. This was largely driven by manufacturing, which has ranged between 45 and 46, which is recessionary territory, while services dipped to 49.5 before rising to 51.4 at the latest print. The weak results have been driven by weak data in Europe's two largest economies, France and Germany. ⁽⁵⁾

1 to 3-year corporate spreads generally tightened during the fourth quarter, narrowing by 15 basis points to 79 basis points from 94 basis points at the beginning of October, and reaching a low of 75 basis points during the quarter. ⁽⁶⁾

Key areas to watch

US

- **Economy:** We are closely watching new presidential cabinet appointments, as well as the new administration's immediate policy focuses and implementation efforts. The January 2 expiration of the debt ceiling suspension and the March 14 expiration of the continuing resolution are near-term fiscal issues we are watching.
- Credit conditions: We are watching the evolution of US financial conditions and the impact of the recent shift in monetary policy. Credit valuations remain rich, in our view, and potential challenges facing commercial real estate remain a concern.

UK

- Lingering inflationary pressures: The repricing toward fewer BoE cuts started after employment data showed that wages increased more than expected, fanning concerns of lingering inflationary pressures.
- Labour data: UK private sector regular pay growth (a key focus of several MPC members) rose in October. However, single-month moves should be treated with caution, and we may see some retracement and/or downward revisions in the coming months.
- BoE narrative: UK government bond yields were slightly lower following a dovish hold by the BoE. Current data reinforce the MPC's message of patience and gradualism. The MPC is some way away from declaring victory on inflation.

Europe

- The European growth outlook remains challenging. Divergence among the growth
 expectations of member states continues and we will be monitoring harmonized
 inflation data and PMI and growth data for further signs of cooling across the eurozone.
- There is potential for geopolitical surprises, due to domestic disruptions in Germany and France and from further developments with the ongoing conflict between Ukraine and Russia.
- Markets will likely monitor future comments by ECB members, after a moderate December meeting, along with any changes in forward guidance on inflation.

Investment implications

US

- We are closely monitoring flows in the money market fund industry and the impact of the Fed's forward guidance on monetary policy
- Inflation should continue to moderate as we enter 2025, although we expect it to remain higher than the Fed's 2% target.
- The market digested the Fed's 100 basis points of rate cuts in 2024 without extreme price volatility, but we expect some marginal interest rate volatility as the market prices the terminal federal funds rate, given the resilience of the US economy.

^{5.} Sources: Bloomberg LP, Eurostat, S&P Global, ICE Bond Indices, as of 12/31/24

^{6.} Sources: Bloomberg LP, ICE Bond Indices, as of 12/31/24



We expect the Fed to cut policy rates by 25 basis points at each of the March and June 2025 meetings.

Market expectations of ECB rate cuts over the next three meetings is in line with our expectations and would take the overnight deposit rate to 2%.

Investment implications

UK

- Markets are no longer fully pricing one cut per quarter from the BoE next year amid signs of sticky price pressures that support the case for cautious monetary easing.
- Markets are now pricing a 65% chance of a 25-basis point cut in February, but there seems to be little certainty beyond that. (7)
- Our strategy remains to be nimble, keep well laddered maturities and invest in floating
 rate opportunities as they arise, given the ongoing uncertainty about how fast rate cuts
 will take place. We continue to extend purchases in commercial paper (CP) or floating
 rate notes where pricing makes sense.

Europe

- Market expectations of ECB rate cuts have declined slightly to three cuts over the next three meetings, which is in line with our expectations and would take the overnight deposit rate to 2%.
- Money market fund yields dropped as two ECB rate cuts took effect in 4Q and the
 rolling off of maturities reflected this. We have seen outflows, which have necessitated
 selling some positions and also contributed to a drop in yield. Given the risk and
 uncertainty around potential flows, our strategy has been to target high quality assets,
 while terming out within three to six-month tenors, and, where appropriate, being
 mindful of the current political and economic risks.

Outlook

US

Base case

 We expect the Fed to cut short-term interest rates by 25 basis points at each of the March and June 2025 meetings.

Risks:

- The potential disruption of the Fed's orderly monetary easing process due to unexpected volatility in economic data and market price action that could cause interest rate and price volatility.
- Dis-inversion of the yield curve may slow flows into the money market industry, although higher short-term rates should still provide an attractive lower-risk option for investors.

UK

Base case:

- We expect the BoE to be on track for a 25 basis point cut in February, but the rates outlook beyond February is less clear as the MPC battles with stagflation.
- In our view there is still a high probability of quarterly cuts in 2025.

Risks

- Monetary policy: The BoE, like central banks across the globe, is attempting to
 manage current economic challenges and combat future headwinds. Worries over the
 stagnating UK economy and accelerating inflation are pushing up domestic borrowing
 costs.
- Geopolitical risks: We could see increased economic and market uncertainty and
 risks, as wars continue, budget battles rage and democracies come under pressure.
 This can quickly affect market pricing and move the needle on investments and issuers
 typically utilized in money market and short-term strategies.

Outlook

Europe

Base Case

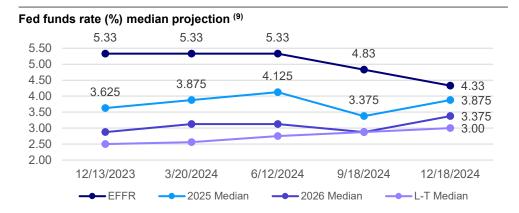
- According to the ECB's December inflation forecast, headline HICP inflation is expected
 to edge up at the end of the fourth quarter and remain just above the 2% target in the
 first quarter of 2025, mainly due to base effects in energy prices, before returning to a
 downward path by the end of the second quarter. The ECB expects 2.1% inflation in
 2025 and 1.9% in 2026. (8)
- On the back of recent economic data and ECB member comments, we believe the ECB will cut the overnight deposit rate by 25 basis points in each of the next three meetings, taking the rate to 2.25%.

Risks

- The potential for aggressive tariffs imposed by the Trump administration, which could hamper exports and erode trade with the US. and with China, revolving around the supply of electric vehicles and potential for retaliatory tariffs placed by China. These developments could pose a risk to European growth and lead to weaker productivity.
- Continued German and French political instability could impact the economies of the two largest markets in the eurozone, further dragging down the European bloc.

Data spotlight

2025 fed funds rate midpoint, # of participants (9) 10 9/18/2024 **12/18/2024** 6 6 1 3.375 3.625 3.875 2.375 2.625 2.875 3.125 4.125 4.375 4.625 4.875 Fed Funds Rate (%)



The expanding US money market landscape

Shifting policy rate expectations

Summary of Economic Projections, the

shifted to the right, which indicates a higher level of rates than previously

distribution of participants' judgements of the midpoint of the appropriate target range for the federal funds rate has

expressed. We believe this is appropriate,

given the resilience of the US economy and potential inflationary policies that the

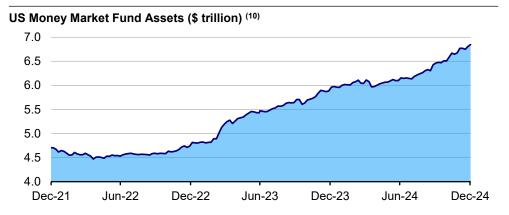
incoming administration may enact.

Based on the December 18, 2024

US money funds continued to hit record highs reaching \$6.85 trillion even while the Fed lowers policy rates.



- 9. Sources: Bloomberg LP, Federal Reserve; as of 12/18/24
- 10. Sources: Bloomberg LP, Investment Company Institute (ICI); as of 1/1/25

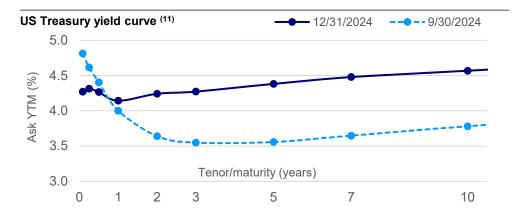


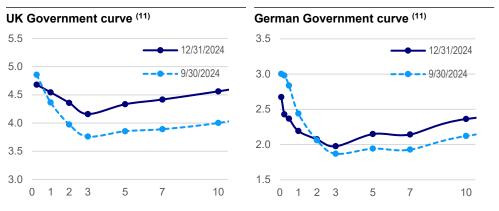
Data spotlight

Money market yields lower, front end slightly inverted

The 2's to 10's part of the US Treasury yield curve steepened in 4Q as yields jumped on resilient economic data and the US election.

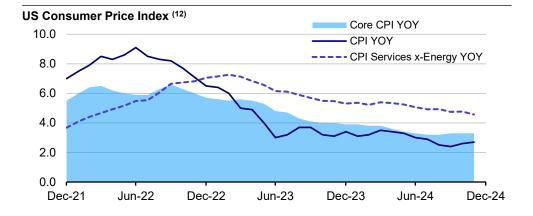
However, the very short end of the yield curve, between 3-months and 12-months, remained inverted due to expectations of a few more rate cuts by the Fed.

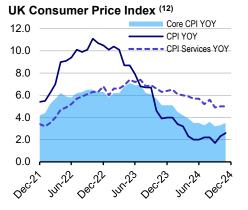


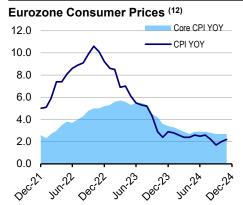


Inflation measures gravitating to 2% targets

Confidence that inflation moving lower has provided solace for central banks to ease policy rates. In the US, the FOMC is refocused on its dual mandate.







^{11.} Sources: Bloomberg LP as of 12/31/24

^{12.} Sources: Bloomberg LP, Bureau of Labor Statistics as of November 2024, UK Office for National Statistics as of November 2024, Eurostat as of November 2024.

Learn more

For additional liquidity insights or to learn more about Invesco Global Liquidity solutions, please call (800) 659-1005 or visit invesco.com/cash.

Invesco Global Liquidity

A history of managing global liquidity assets

The Invesco Global Liquidity Team manages liquidity assets across the money market and low-duration risk spectrum. For more than 40 years, Invesco Global Liquidity has been a core business for Invesco, providing extensive insights and experience that span multiple decades, business cycles and credit events. Today, we offer a wide range of high-quality money market, ultra-short, short-term and customized liquidity solutions to help meet the specific needs of cash management investors, through a proven, research-driven investment approach and deep commitment to delivering industry-leading client service.

Invesco Global Liquidity Team

Robert Corner

Senior Client Portfolio Manager Atlanta, GA

Joshua Fry

Product Manager Atlanta, GA

Natalie Cross

Senior Client Portfolio Manager London, England

Kush Sondhi

Client Portfolio Manager London, England

Contributors

Ann Ginsburg

Head of Thought Leadership Fixed Income Atlanta, GA

Paul Mueller

Head of Global Liquidity EMEA London, England

Michelle Randall

Senior Portfolio Manager London, England

Marques Mercier

Head of Government Portfolio Management Atlanta, GA

Joseph Madrid

Head of US Credit Portfolio Management Atlanta, GA

Warren Clayton-Howe

Portfolio Manager London, England

About risk

The value of investments and any income will fluctuate (this may partly be the result of exchange rate fluctuations), and investors may not get back the full amount invested

Important information

This document is for Professional Clients only in Dubai, Continental Europe (as defined below) and the UK, and professional clients only in Switzerland; for Institutional Investors only in the United States, for Sophisticated or Professional Investors in Australia; in New Zealand for wholesale investors (as defined in the Financial Markets Conduct Act); for Professional Investors in Hong Kong; for Qualified Institutional Investors in Japan; in Taiwan for Qualified Institutions/Sophisticated Investors; in Singapore for Institutional/Accredited Investors; for Qualified Institutional Investors and/or certain specific institutional investors in Thailand; and in Canada this document is for use by investors who are (i) Accredited Investors, and (ii) Permitted Clients, as defined under National Instrument 45-106 and National Instrument 31-103, respectively. It is not intended for and should not be distributed to or relied upon by the public or retail investors. Please do not redistribute this document. By accepting this document, you consent to communicate with us in English, unless you inform us otherwise.

For the distribution of this document, Continental Europe is defined as Austria, Belgium, Denmark, Finland, France, Germany, Greece, Italy, Luxembourg, Netherlands, Norway, Switzerland and Spain.

This overview contains general information only and does not take into account individual objectives, taxation position or financial needs. Nor does this constitute a recommendation of the suitability of any investment strategy for a particular investor. Investors should consult a financial professional before making any investment decisions if they are uncertain whether an investment is suitable for them. It is not an offer to buy or sell or a solicitation of an offer to buy or sell any security or instrument or to participate in any trading strategy to any person in any jurisdiction in which such an offer or solicitation is not authorised or to any person to whom it would be unlawful to market such an offer or solicitation. It does not form part of any prospectus.

The opinions expressed are that of Invesco Fixed Income and may differ from the opinions of other investment professionals. Opinions are based upon current market conditions, and are subject to change without notice. Past performance is no guarantee of future results.

This material may contain statements that are not purely historical in nature but are "forward-looking statements." These include, among other things, projections, forecasts, estimates of income, yield or return or future performance targets. These forward-looking statements are based upon certain assumptions, some of which are described herein. Actual events are difficult to predict and may substantially differ from those assumed. All forward-looking statements included herein are based on information available on the date hereof and Invesco assumes no duty to update any forward-looking statement. Accordingly, there can be no assurance that estimated returns or projections can be realised, that forward-looking statements will materialise or that actual returns or results will not be materially lower than those presented.

All information is sourced from Invesco, unless otherwise stated. All data as of December 31, 2023, unless otherwise stated. All data is USD, unless otherwise stated

Restrictions on distribution

Australia

This document has been prepared only for those persons to whom Invesco has provided it. It should not be relied upon by anyone else. Information contained in this document may not have been prepared or tailored for an Australian audience and does not constitute an offer of a financial product in Australia. You may only reproduce, circulate and use this document (or any part of it) with the consent of Invesco.

The information in this document has been prepared without taking into account any investor's investment objectives, financial situation or particular needs. Before acting on the information the investor should consider its appropriateness having regard to their investment objectives, financial situation and needs.

You should note that this information:

- may contain references to dollar amounts which are not Australian dollars;
- may contain financial information which is not prepared in accordance with Australian law or practices;
- may not address risks associated with investment in foreign currency denominated investments; and does not address Australian tax issues.
- Issued in Australia by Invesco Australia Limited (ABN 48 001 693 232), Level 26, 333 Collins Street, Melbourne, Victoria, 3000, Australia which holds an Australian Financial Services Licence number 239916.

Canada

In Canada this document is for use by investors who are (i) Accredited Investors, and (ii) Permitted Clients, as defined under National Instrument 45-106 and National Instrument 31-103, respectively, is for educational purposes only, does not constitute investment, tax or legal advice and should not be relied on as such. This is not to be construed as an offer to buy or sell any financial instruments and should not be relied upon as the sole factor in an investment making decision. As with all investments there are associated inherent risks. Please obtain and review all financial material carefully before investing. All material presented is compiled from sources believed to be reliable and current, but accuracy cannot be guaranteed.

• Invesco Canada Ltd., 16 York Street, Suite 1200, Toronto, Ontario M5J 0E6

Continental Europe, Dubai, Switzerland and the UK

The document is intended only for Professional Clients in Continental Europe, Dubai and the UK and is not for consumer use. Marketing materials may only be distributed without public solicitation and in compliance with any private placement rules or equivalent set forth in the laws, rules and regulations of the jurisdiction concerned. This document is not intended to provide specific investment advice including, without limitation, investment, financial, legal, accounting or tax advice, or to make any recommendations about the suitability of any product for the circumstances of any particular investor.

Further information is available using the contact details shown:

Issued in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Luxembourg, Norway, Italy, Netherlands, Spain, Switzerland and the UK by Invesco Management S.A., President Building, 37A Avenue JF Kennedy, L-1855 Luxembourg, regulated by the Commission de Surveillance du Secteur Financier, Luxembourg; Invesco Asset Management Deutschland GmbH, An der Welle 5, 60322 Frankfurt am Main, Germany; Invesco Asset Management Limited, Perpetual Park, Perpetual Park Drive, Henley-on-Thames, Oxfordshire RG9 1HH, UK. Authorised and regulated by the Financial Conduct Authority. Invesco Asset Management (Schweiz) AG, Talacker 34, 8001 Zurich, Switzerland.

Dubai

 Issued in Dubai by Invesco Asset Management Limited, Index Tower Level 6 - Unit 616, P.O. Box 506599, Al Mustaqbal Street, DIFC, Dubai, United Arab Emirates. Regulated by the Dubai Financial Services Authority.

Hong Kong

This document is provided to professional investors (as defined in the Securities and Futures Ordinance and the Securities and Futures (Professional Investor) Rules) only in Hong Kong. It is not intended for and should not be distributed to, or relied upon, by the members of public or the retail investors.

 Issued in Hong Kong by Invesco Hong Kong Limited 景順投資管理有限公司, 45/F, Jardine House, 1 Connaught Place, Central, Hong Kong.

Japan

This document is only intended for use with Qualified Institutional Investors in Japan. It is not intended for and should not be distributed to, or relied upon, by members of the public or retail investors.

Issued in Japan by Invesco Asset Management (Japan) Limited, Roppongi Hills Mori Tower 14F, 6-10-1
Roppongi, Minato-ku, Tokyo 106-6114; Registration Number: The Director-General of Kanto Local Finance
Bureau ("Kin-sho") 306; Member of the Investment Trusts Association, Japan and the Japan Investment
Advisers Association, and/or 2 Invesco Global Real Estate Asia Pacific, Inc., Roppongi Hills Mori Tower 14F,
6-10-1 Roppongi, Minato-ku, Tokyo 106-6114; Registration Number: The Director-General of Kanto Local
Finance Bureau ("Kin-sho") 583; Member of the Investment Trusts Association, Japan and Type II Financial
Instruments Firms Association.

New Zealand

This document is issued in New Zealand only to wholesale investors (as defined in the Financial Markets Conduct Act). This document has been prepared only for those persons to whom it has been provided by Invesco. Information contained in this document may not have been prepared or tailored for a New Zealand audience.

This document does not constitute and should not be construed as an offer of, invitation or proposal to make an offer for, recommendation to apply for, an opinion or guidance on Interests to members of the public in New Zealand. Any requests for information from persons who are members of the public in New Zealand will not be accepted.

Issued in New Zealand by Invesco Australia Limited (ABN 48 001 693 232), Level 26, 333 Collins Street,
 Melbourne, Victoria, 3000, Australia, which holds an Australian Financial Services Licence number 239916.

Singapore

This document may not be circulated or distributed, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 304 of the Securities and Futures Act (the "SFA"), (ii) to a relevant person pursuant to Section 305(1), or any person pursuant to Section 305(2), and in accordance with the conditions specified in Section 305 of the SFA, or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. This document is for the sole use of the recipient on an institutional offer basis and/ or accredited investors and cannot be distributed within Singapore by way of a public offer, public advertisement or in any other means of public marketing.

 Issued in Singapore by Invesco Asset Management Singapore Ltd, 9 Raffles Place, #18-01 Republic Plaza, Singapore 048619.

Taiwan

This material is distributed to you in your capacity as Qualified Institutions/Sophisticated Investors. It is not intended for and should not be distributed to, or relied upon, by members of the public or retail investors.

Issued in Taiwan by Invesco Taiwan Limited, 22F, No.1, Songzhi Road, Taipei 11047, Taiwan (0800-045-066). Invesco Taiwan Limited is operated and managed independently.

United States

Issued in the US by Invesco Advisers, Inc., 1331 Spring St NW, Suite 2500, Atlanta, GA 30309

Invesco.com II-CMMU-NLR-08-E 01/25 GL4130284