

October 17, 2025

Global Credit Weekly:

Episodic volatility
returns

BlackRock

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL
CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Market insights contributors



Amanda Lynam, CPA
Head of Macro Credit Research



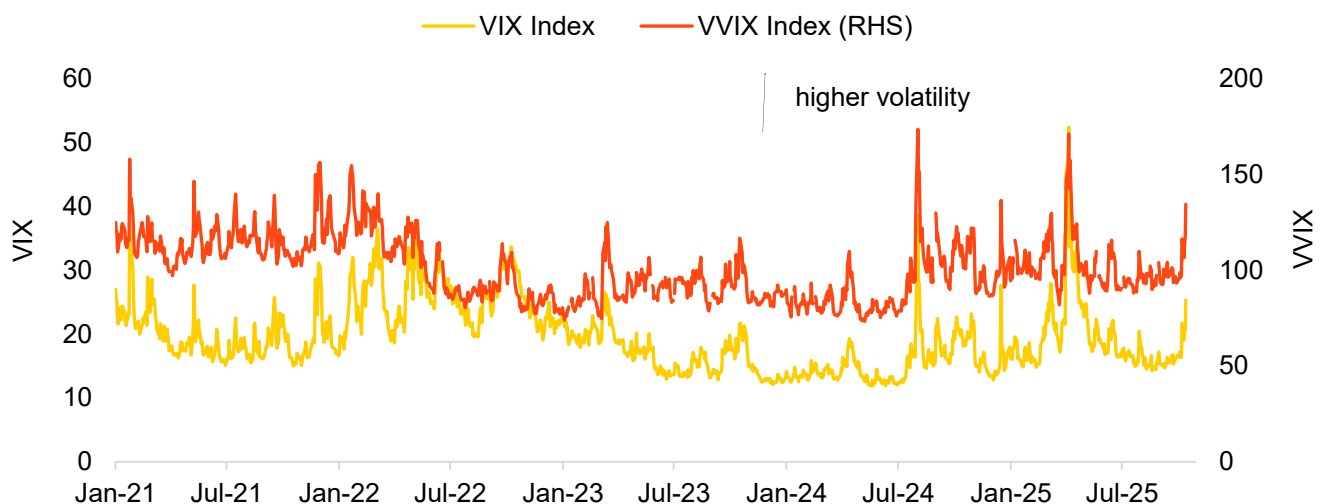
Dominique Bly
Macro Credit Research Strategist

Key takeaways

- 3Q2025 earnings commentary from large cap U.S. banks signaled “resilient” consumer and small business credit quality, alongside “better than expected” – and in some cases, *declining* – delinquency rates. Optimism around continued strength in capital markets activity was also a common theme. This positive messaging from the large caps was quickly overshadowed, however, by disclosures from two regional banks of losses within their lending books (a pair of related commercial and industrial loans and a revolver for commercial real estate) which weighed on sentiment and price action in the sector on October 16th.
- As 3Q2025 earnings season progresses with regional banks and consumer finance firms, we expect market participants will be focused on commentary regarding lending and underwriting standards. The 8-Ks filed by the two affected regional banks cited “apparent misrepresentations” and “a lawsuit alleging fraud.” We remain comfortable with our view that the peak in default activity in the corporate credit market is likely behind us. That said, a sentiment overhang over the broader financials sector looks likely to persist, at least until the 3Q2025 earnings season is complete. This is likely to warrant an additional rebuild of risk premia in the credit market.
- Some measures of market volatility have risen to the highest levels since April (Exhibit 1). As we outlined in July, episodic market volatility is likely to remain a prominent feature of the investing landscape. Such volatility underscores the value of certainty on financing execution and terms – something private credit seeks to provide to a wide range of companies, even when public debt markets may become dislocated, or when bank lending standards may become restrictive.
- Performance dispersion across *and within* sectors has also been evident in 2H2025, and we expect this to persist. In our view, over-leveraged issuers and sectors exposed to the most challenged areas of the economy – such as younger and lower-income consumers with limited discretionary income, as one example – may face the most pronounced performance headwinds.

Exhibit 1: Closely watched measures of volatility have risen to the highest levels since April

Daily values of the CBOE VIX Index (a proxy for U.S. equity market volatility), and the CBOE VVIX Index (which measures volatility of the VIX)



Source: ICE-BofA, CBOE, Bloomberg, BlackRock. As of October 16, 2025.

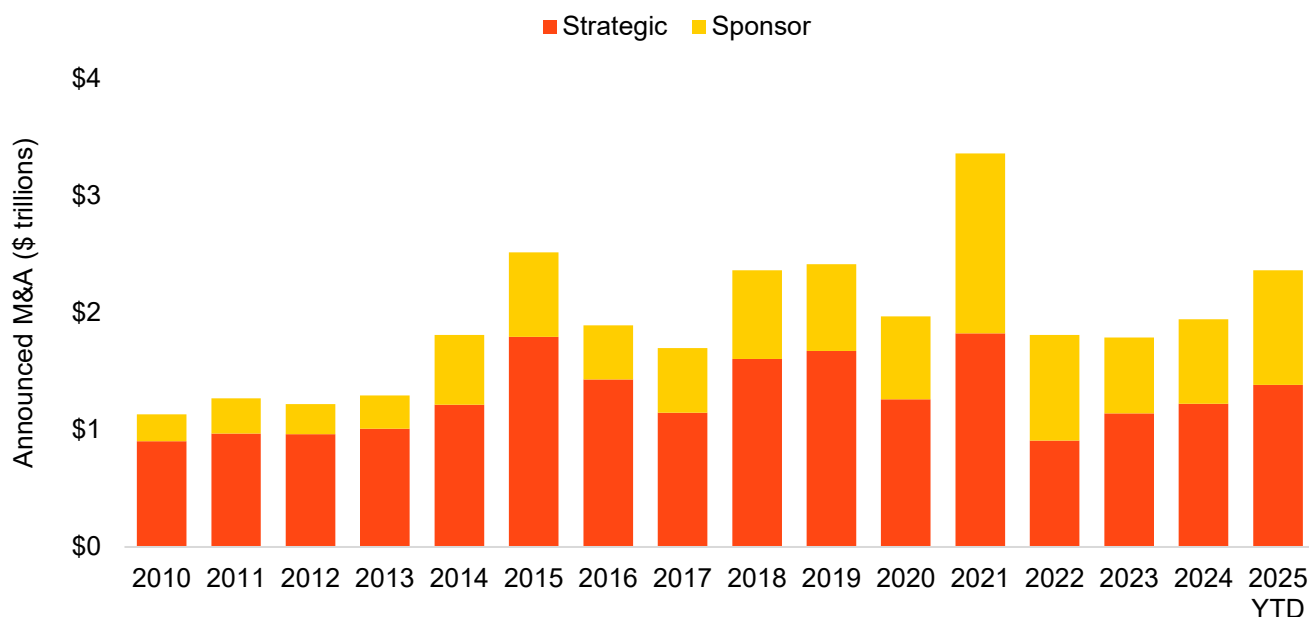
FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Episodic market volatility returns

3Q2025 earnings commentary from large cap U.S. banks signaled “resilient” consumer and small business credit quality, alongside “better than expected” – and in some cases, *declining* – delinquency rates. Optimism around continued strength in capital markets activity was also a common theme (Exhibit 2), citing an “upbeat” tone, a building “queue” of transactions, and “a more supportive regulatory environment.” The importance of scale and investing for growth were also highlighted as drivers of strategic deal-making, in particular.

Exhibit 2: YTD M&A volumes are already higher than full-year 2022-2024 levels

Announced strategic and sponsor-related M&A, by firms located in North America, Europe, Japan and the Middle East. Captures deals valued at \$1 billion or more. Excludes cancelled and withdrawn deals



Source: Dealogic (ION Analytics), BlackRock. As of October 16, 2025.

This positive messaging from the large cap U.S. banks was quickly overshadowed, however, by disclosures from two regional banks of losses within their lending books (specifically, a pair of related commercial and industrial loans and a revolver for commercial real estate) which weighed on sentiment in the sector.

As the 3Q2025 earnings season progresses with the regional banks and consumer finance firms, we expect market participants will be focused on banks’ commentary regarding lending and underwriting standards. The 8-Ks filed by the two affected regional banks cited “apparent misrepresentations” and “a lawsuit alleging fraud.”

We remain comfortable with our view that the peak in default activity in the corporate credit market (i.e., syndicated leveraged loans and high yield bonds), is likely behind us. That said, a sentiment overhang over the broader banking and consumer finance sector looks likely to persist, at least until the 3Q2025 earnings season is complete. This is likely to warrant an additional rebuild of risk premia in the credit market, in our view – although we ultimately expect this to be modest and relatively short-lived, given the backdrop of supportive macroeconomic, fundamental and technical factors that we highlighted in our 4Q2025 Global Credit Outlook.

Related to these recent developments, some measures of market volatility have risen to the highest levels since April (Exhibit 1). As we outlined in July, episodic market volatility – while inherently difficult to time – is likely to remain a prominent feature of the investing landscape. Such volatility underscores the value of certainty on financing execution and terms – something private credit seeks to provide to a wide range of companies, even when public debt markets may become dislocated, or when bank lending standards may become restrictive. This may further expand private credit’s addressable market of borrowers, in our view.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

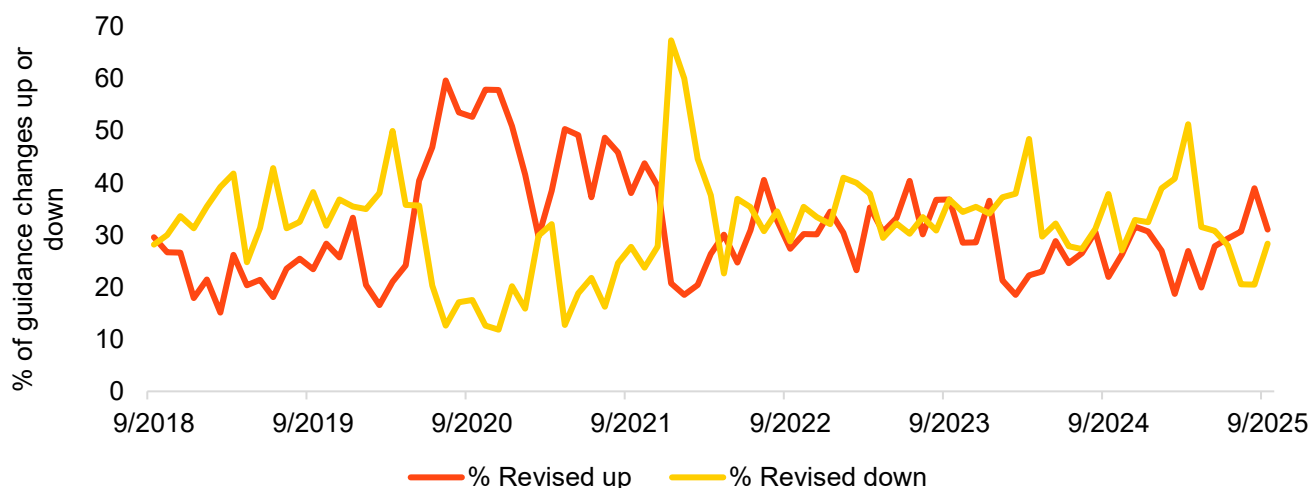
Monitoring the trends around guidance

The trends around guidance will also be important to monitor as 3Q2025 earnings season progresses. As Exhibit 3 illustrates, August 2025 was notable as it represented a positive inflection in the earnings guidance revisions provided by U.S. companies. During the month, 39% of firms raised their earnings guidance – the highest level since June 2023. Similarly, only 20% of firms lowered guidance during the month – a level at the low end of the range of the past several years (again, Exhibit 3). And while the sample set of companies providing guidance in September was smaller (likely due to earnings blackout period restrictions), the positive trend moderated somewhat. We will be monitoring this closely over the course of October, for confirmation that the trend of corporate resilience – at least in aggregate – remains intact.

Given this backdrop, we expect performance dispersion across *and within* sectors to persist. We expect over-leveraged issuers and sectors exposed to the most challenged areas of the economy – such as younger and lower-income consumers with limited discretionary income, as one example – may face the most pronounced performance headwind. This highlights the importance of granular credit selection, underwriting and due diligence, in our view. Exhibits 5 through 8 highlight the sector performance dispersion across the USD and EUR credit markets, so far in 2H2025.

Exhibit 3: Management guidance was balanced in September, vs. August's positive signaling

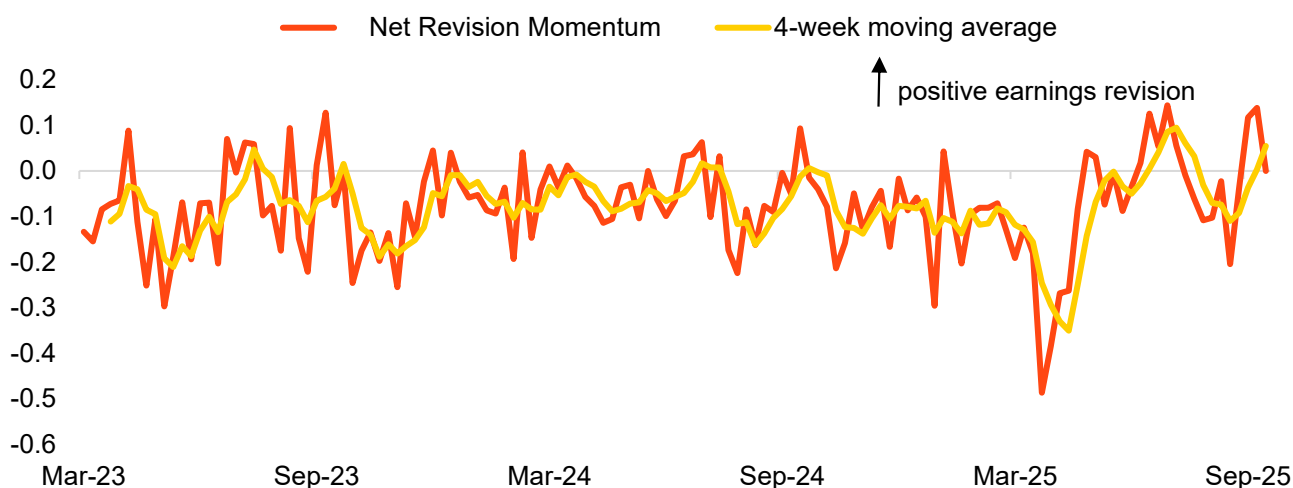
Monthly earnings guidance revisions provided by U.S. corporates (as of each month end)



Source: Bloomberg Intelligence, BlackRock. Captures data through September 30, 2025 (most recent available as of October 16, 2025). Excludes neutral guidance revisions. Captures guidance for all companies listed on a U.S. stock exchange (as the primary and active exchange). There is no guarantee any forecasts may come to pass.

Exhibit 4: Analysts' earnings revision momentum has turned less positive, as of late

Net Revision Momentum: 12-month forward EPS, for the S&P 500



Source: Bloomberg Intelligence, BlackRock. As of October 3, 2025 (most recent update as of October 16, 2025). Net Revision Momentum = (Positive Revisions – Negative Revisions) / Total Revisions.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Exhibit 5: USD IG sector performance dispersion

Aggregate and sector-level option adjusted spreads (OAS, bps) on 6/30/2025 (end of 1H2025) and now (10/15/2025) for the Bloomberg USD IG Corporate Index, and percentage change in the 2H2025 to date

	OAS		% change
	06/30/2025	10/15/2025	2H2025 to date
US Investment Grade OAS	84	76	-9%
Media Entertainment	163	81	-50%
Airlines	118	99	-16%
Automotive	113	96	-16%
Aerospace/Defense	82	71	-13%
Other Industrial	73	63	-13%
Building Materials	87	76	-12%
Transportation Services	89	78	-12%
Construction Machinery	47	41	-12%
Supermarkets	91	80	-12%
Diversified Manufacturing	68	61	-11%
Natural Gas	103	92	-10%
Restaurants	70	63	-10%
Electric	91	82	-10%
Tobacco	88	79	-10%
Banking	79	71	-10%
Wireless	86	78	-10%
Metals and Mining	87	78	-10%
Retailers	57	51	-10%
REITs	84	76	-10%
Packaging	88	80	-9%
Consumer Products	54	49	-9%
Lodging	86	78	-9%
Healthcare	84	77	-9%
Energy	101	92	-9%
Consumer Cyclical Services	76	69	-9%
Pharmaceuticals	65	59	-9%
Environmental	54	50	-8%
Railroads	72	66	-8%
Home Construction	89	82	-8%
Gaming	124	115	-8%
Health Insurance	95	89	-7%
Paper	99	93	-6%
Property & Casualty	83	79	-5%
Life Insurance	109	104	-5%
Chemicals	96	93	-4%
Brokerage/Asset Managers	81	78	-4%
Wirelines	86	83	-3%
Technology	67	64	-3%
Leisure	104	101	-3%
Food and Beverage	71	69	-3%
Finance Companies	133	138	4%
Cable Satellite	110	114	4%
Other Financial	101	108	7%

Source: BlackRock, Bloomberg. As of October 15, 2025.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Exhibit 6: USD HY sector performance dispersion

Aggregate and sector-level option adjusted spreads (OAS, bps) on 6/30/2025 (end of 1H2025) and now (10/15/2025) for the Bloomberg USD HY Corporate Index, and percentage change in the 2H2025 to date

	OAS		% change
	06/30/2025	10/15/2025	2H2025 to date
US High Yield OAS	288	277	-4%
Wireless	641	144	-78%
Cable Satellite	517	364	-30%
Metals and Mining	276	224	-19%
Media Entertainment	451	372	-17%
Pharmaceuticals	541	471	-13%
Natural Gas	379	343	-9%
Electric	176	161	-9%
Airlines	355	327	-8%
Banking	218	204	-6%
Energy	308	289	-6%
Building Materials	268	254	-5%
Tobacco	210	201	-5%
Supermarkets	155	150	-3%
Consumer Cyclical Services	281	276	-2%
Retailers	353	346	-2%
Healthcare	225	221	-2%
Food and Beverage	187	184	-1%
Life Insurance	254	256	1%
Transportation Services	353	359	2%
REITs	291	297	2%
Home Construction	194	201	3%
Consumer Products	289	300	4%
Restaurants	184	193	5%
Other Financial	311	331	7%
Other Industrial	235	251	7%
Technology	261	281	8%
Construction Machinery	156	168	8%
Leisure	174	189	9%
Lodging	119	130	9%
Property & Casualty	161	178	10%
Finance Companies	208	231	11%
Aerospace/Defense	114	128	12%
Diversified Manufacturing	192	218	13%
Automotive	261	300	15%
Gaming	226	269	19%
Brokerage/Asset Managers	176	213	20%
Paper	385	470	22%
Wirelines	242	299	23%
Chemicals	251	318	27%
Health Insurance	139	177	27%
Environmental	134	175	30%
Packaging	427	579	35%
Railroads	644	1010	57%

Source: BlackRock, Bloomberg. As of October 15, 2025.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Exhibit 7: Pan-European IG sector performance dispersion

Aggregate and sector-level option adjusted spreads (OAS, bps) on 6/30/2025 (end of 1H2025) and now (10/15/2025) for the Bloomberg Pan-European IG Corporate Index, and percentage change in the 2H2025 to date

	OAS		% change
	06/30/2025	10/15/2025	2H2025 to date
Pan-European Investment Grade	91	80	-12%
Supermarkets	98	76	-22%
Leisure	139	110	-21%
Technology	84	68	-19%
Home Construction	164	134	-18%
Retailers	86	70	-18%
Environmental	104	86	-18%
Media Entertainment	104	86	-17%
Health Insurance	128	107	-16%
Lodging	112	95	-15%
Banking	91	78	-15%
Brokerage/Asset Managers	93	80	-15%
REITs	104	89	-14%
Diversified Manufacturing	69	59	-14%
Property & Casualty Insurance	110	95	-14%
Airlines	88	76	-13%
Other Financial	113	98	-13%
Life Insurance	120	104	-13%
Consumer Products	67	59	-12%
Natural Gas	99	87	-12%
Restaurants	77	68	-12%
Other Utility	119	105	-12%
Energy	100	88	-12%
Building Materials	77	68	-11%
Wireless	92	81	-11%
Aerospace/Defense	65	58	-11%
Electric	94	83	-11%
Tobacco	111	99	-11%
Transportation Services	87	78	-11%
Metals and Mining	100	89	-10%
Railroads	88	79	-10%
Healthcare	78	70	-10%
Pharmaceuticals	68	61	-10%
Food and Beverage	72	65	-9%
Consumer Cyclical Services	88	80	-9%
Construction Machinery	69	63	-9%
Wirelines	86	78	-9%
Automotive	101	94	-7%
Chemicals	77	74	-4%
Paper	86	83	-3%
Cable Satellite	87	86	-2%
Other Industrial	86	85	-1%
Finance Companies	117	122	4%
Gaming	122	126	4%
Packaging	86	97	13%

Source: BlackRock, Bloomberg. As of October 15, 2025.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Exhibit 8: Pan-European HY sector performance dispersion

Aggregate and sector-level option adjusted spreads (OAS, bps) on 6/30/2025 (end of 1H2025) and now (10/15/2025) for the Bloomberg Pan-European HY Corporate Index, and percentage change in the 2H2025 to date

	OAS		% change
	06/30/2025	10/15/2025	2H2025 to date
Pan-European High Yield	324	303	-7%
Wireless	475	179	-62%
Finance Companies	330	212	-36%
Property & Casualty	357	230	-36%
Retailers	379	285	-25%
REITs	462	353	-24%
Natural Gas	201	156	-23%
Other Utility	539	447	-17%
Wirelines	333	282	-15%
Packaging	459	395	-14%
Banking	171	148	-14%
Airlines	211	183	-13%
Diversified Manufacturing	190	169	-11%
Paper	270	243	-10%
Technology	425	384	-10%
Electric	173	158	-9%
Consumer Products	238	220	-8%
Transportation Services	228	212	-7%
Automotive	284	267	-6%
Energy	340	321	-6%
Leisure	303	288	-5%
Cable Satellite	366	359	-2%
Railroads	134	132	-2%
Lodging	283	279	-2%
Construction Machinery	196	194	-1%
Pharmaceuticals	257	256	-1%
Consumer Cyclical Services	291	294	1%
Supermarkets	401	407	2%
Home Construction	265	270	2%
Metals and Mining	331	350	6%
Media Entertainment	244	259	6%
Healthcare	417	446	7%
Other Financial	485	525	8%
Building Materials	569	656	15%
Food and Beverage	279	334	20%
Other Industrial	287	347	21%
Chemicals	394	477	21%
Gaming	249	304	22%
Brokerage/Asset Managers	293	465	58%
Environmental	160	273	71%
Restaurants	332	578	74%

Source: BlackRock, Bloomberg. As of October 15, 2025.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

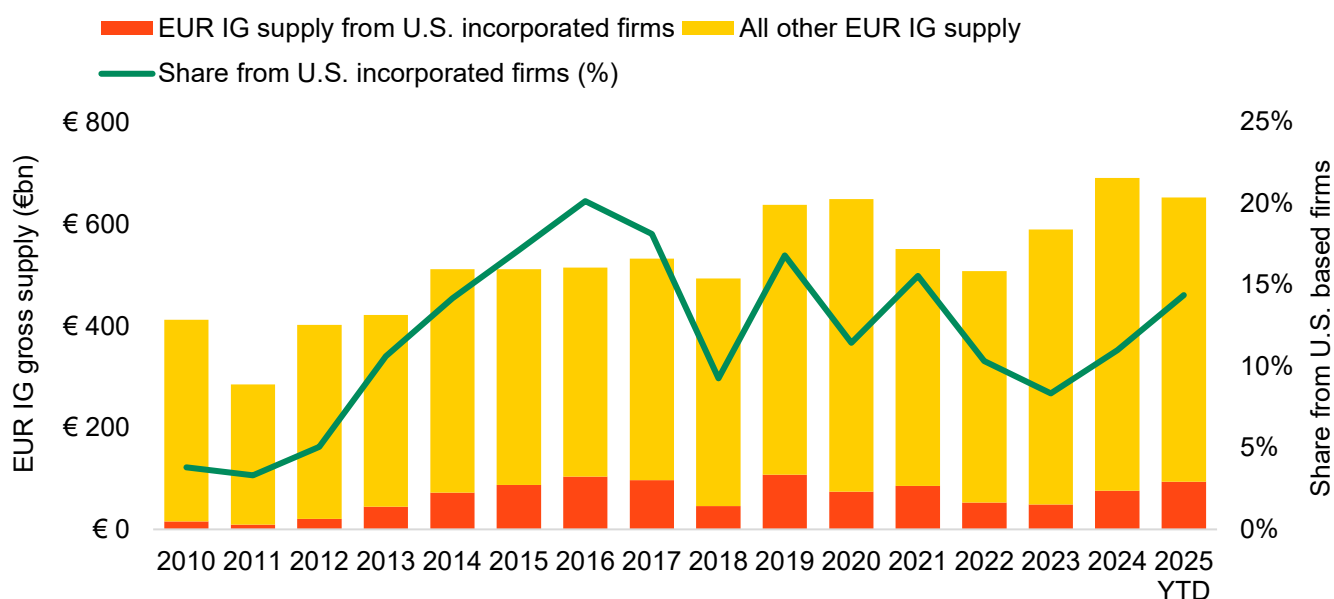
And while Exhibits 5 through 8 parse sector performance across the USD and EUR markets, the country level exposures are not *entirely* siloed. For example, there has been a considerable amount of so-called ‘reverse Yankee’ issuance in the European IG and HY primary markets over the last few years.

Exhibits 9 and 10 illustrate this by showing the share of EUR IG and EUR HY gross issuance generated by firms with a parent company incorporated in the U.S. In the EUR IG market, U.S. firms have generated 14% of the year-to-date gross supply, and 11%, on average, since 2020. This figure is even higher in the EUR HY market: U.S. firms generated 24% of year-to-date gross supply (the highest since 2018) and 16%, on average, since 2020.

This, alongside other compositional, size-related, and company-specific factors, will often play a role in sector performance within and across markets (i.e., a given sector’s performance in IG vs. HY, USD vs. EUR).

Exhibit 9: U.S.-based firms generated 11% of EUR IG gross issuance since 2020

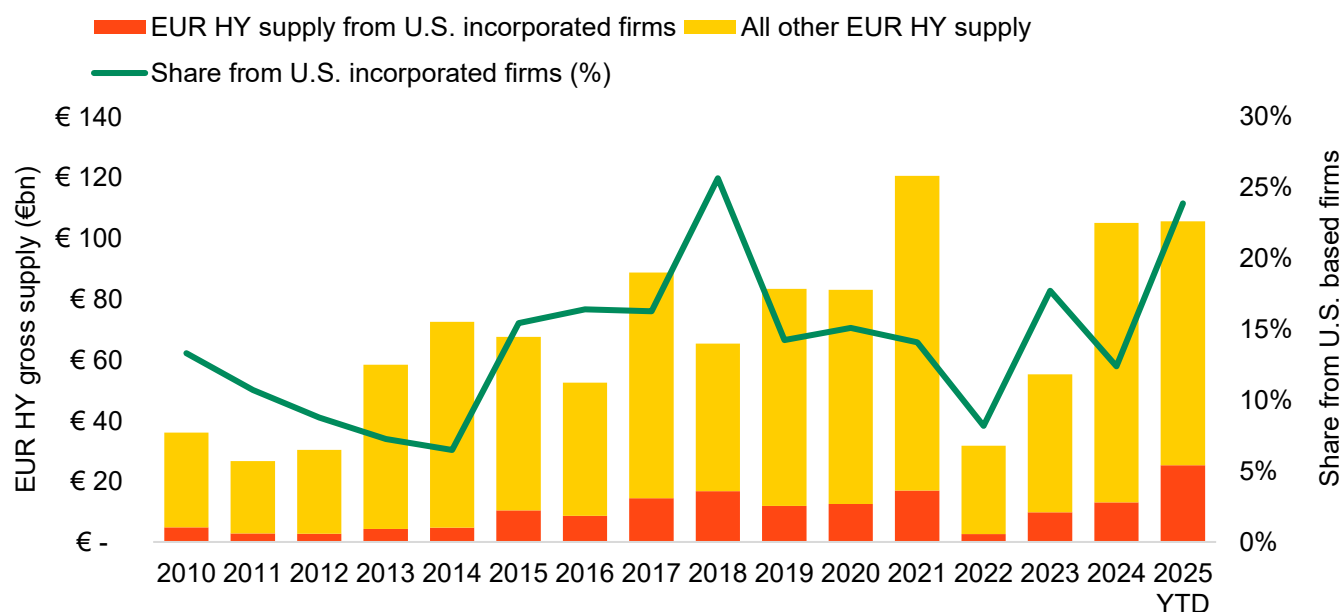
EUR IG gross issuance, and the share generated by firms with a parent incorporated in the U.S. (RHS)



Source: Dealogic (ION Analytics), BlackRock. As of October 15, 2025.

Exhibit 10: U.S.-based firms generated 16% of EUR HY issuance since 2020

EUR HY gross issuance, and the share generated by firms with a parent incorporated in the U.S. (RHS)



Source: Dealogic (ION Analytics), BlackRock. As of October 15, 2025.

FOR QUALIFIED, PROFESSIONAL, INSTITUTIONAL AND WHOLESALE INVESTORS/ PROFESSIONAL CLIENTS ONLY | NOT FOR PUBLIC DISTRIBUTION

Unless otherwise stated, all reference to \$ are in USD.

Risk Warnings:

Capital at risk. The value of investments and the income from them can fall as well as rise and are not guaranteed. You may not get back the amount originally invested.

Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.

Changes in the rates of exchange between currencies may cause the value of investments to diminish or increase. Fluctuation may be particularly marked in the case of a higher volatility fund and the value of an investment may fall suddenly and substantially. Levels and basis of taxation may change from time to time.

Cliffwater Direct Lending Index (CDLI) is an index that assists investors to better understand private credit as an asset class. The CDLI seeks to measure the unlevered, gross of fees performance of U.S. middle market corporate loans, as represented by the underlying assets of Business Development Companies ("BDCs"), including both exchange-traded and unlisted BDCs, subject to certain eligibility criteria. The CDLI is an asset-weighted index that is calculated on a quarterly basis using financial statements and other information contained in the U.S. Securities and Exchange Commission ("SEC") filings of all eligible BDCs. Eligibility is set as all assets held by BDCs that (1) are regulated by the SEC as a BDC under the Investment Company Act of 1940; (2) have a substantial majority (approximately 75%) of reported total assets represented by direct loans made to corporate borrowers, as categorized by each BDC and subject to Cliffwater's discretion, and (3) file SEC form 10-Q (or 10-K, as applicable) within 75 (or 90) calendar days following the current Valuation Date. If a BDC meets the eligibility criteria, but has not filed its report on Form 10-K or 10-Q with the SEC at the time the index is reconstituted, asset information from its report will be included in the index at the time of the next reconstitution. This information is derived from sources that are considered reliable, but BlackRock does not guarantee the veracity, currency, completeness or accuracy of this information.

Important Information:

In the U.S., this material is for institutional use only – not for public distribution.

In Canada, this material is intended for permitted clients as defined under Canadian securities law, is for educational purposes only, does not constitute investment advice and should not be construed as a solicitation or offering of units of any fund or other security in any jurisdiction.

In China, this material may not be distributed to individuals resident in the People's Republic of China ("PRC", for such purposes, not applicable to Hong Kong, Macau and Taiwan) or entities registered in the PRC unless such parties have received all the required PRC government approvals to participate in any investment or receive any investment advisory or investment management services.

In Singapore, this document is provided by BlackRock (Singapore) Limited (company registration number:200010143N) for use only with institutional investors as defined in Section 4A of the Securities and Futures Act, Chapter 289 of Singapore. This advertisement or publication has not been reviewed by the Monetary Authority of Singapore.

In Hong Kong, this material is issued by BlackRock Asset Management North Asia Limited and has not been reviewed by the Securities and Futures Commission of Hong Kong. This material is for distribution to "Professional Investors" (as defined in the Securities and Futures Ordinance (Cap.571 of the laws of Hong Kong) and any rules made under that ordinance.) and should not be relied upon by any other persons or redistributed to retail clients in Hong Kong.

In Japan, this is issued by BlackRock Japan. Co., Ltd. (Financial Instruments Business Operator: The Kanto Regional Financial Bureau. License No375, Association Memberships: Japan Investment Advisers Association, The Investment Trusts Association, Japan, Japan Securities Dealers Association, Type II Financial Instruments Firms Association) for Institutional Investors only. All strategies or products BLK Japan offer through the discretionary investment contracts or through investment trust funds do not guarantee the principal amount invested. The risks and costs of each strategy or product we offer cannot be indicated here because the financial instruments in which they are invested vary each strategy or product. Therefore, before deciding to receive our strategies or products, please refer to the document provided prior to the execution of agreement, prospectus, terms and conditions of investment trust and the explanatory document, etc. that will be delivered to you in accordance with each offering model and confirm the contents thereof.

In South Korea, this information is issued by BlackRock Investment (Korea) Limited. This material is for distribution to the Qualified Professional Investors (as defined in the Financial Investment Services and Capital Market Act and its sub-regulations) and for information or educational purposes only and does not constitute investment advice or an offer or solicitation to purchase or sells in any securities or any investment strategies.

In Brunei, BlackRock does not hold a Capital Markets Services License and is therefore not licensed for conducting business in any regulated activity under the Securities Market Order, 2013. This document has been issued by BlackRock and is intended for the exclusive use of the recipient. The distribution of the information contained herein may be restricted by law and persons who access it are required to comply with any such restrictions. The information provided herein information is directed solely at persons who would be regarded as "Accredited Investors", "Expert Investors" or "Institutional Investors" in accordance with the Securities Market Order 2013.

In **Australia & New Zealand**, issued by BlackRock Investment Management (Australia) Limited ABN 13 006 165 975, AFSL 230 523 (BIMAL) for the exclusive use of the recipient, who warrants by receipt of this material that they are a wholesale client as defined under the Australian Corporations Act 2001 (Cth) and the New Zealand Financial Advisers Act 2008 respectively. BIMAL is not licensed by a New Zealand regulator to provide 'Financial Advice Service' 'Investment manager under an FMC offer' or 'Keeping, investing, administering, or managing money, securities, or investment portfolios on behalf of other persons'. BIMAL's registration on the New Zealand register of financial service providers does not mean that BIMAL is subject to active regulation or oversight by a New Zealand regulator. This material provides general advice only and does not take into account your individual objectives, financial situation, needs or circumstances. Before making any investment decision, you should therefore assess whether the material is appropriate for you and obtain financial advice tailored to you having regard to your individual objectives, financial situation, needs and circumstances. Refer to BIMAL's Financial Services Guide on its website for more information. This material is not a financial product recommendation or an offer or solicitation with respect to the purchase or sale of any financial product in any jurisdiction. This material is not intended for distribution to, or use by, any person or entity in any jurisdiction or country where such distribution or use would be contrary to local law or regulation. BIMAL is a part of the global BlackRock Group which comprises of financial product issuers and investment managers around the world. BIMAL is the issuer of financial products and acts as an investment manager in Australia. BIMAL does not offer financial products to persons in New Zealand who are retail investors (as that term is defined in the Financial Markets Conduct Act 2013 (FMCA)). This material does not constitute or relate to such an offer. To the extent that this material does constitute or relate to such an offer of financial products, the offer is only made to, and capable of acceptance by, persons in New Zealand who are wholesale investors (as that term is defined in the FMCA). BIMAL, its officers, employees and agents believe that the information in this material and the sources on which it is based (which may be sourced from third parties) are correct as at the date of publication. While every care has been taken in the preparation of this material, no warranty of accuracy or reliability is given and no responsibility for the information is accepted by BIMAL, its officers, employees or agents. Except where contrary to law, BIMAL excludes all liability for this information.

In **Central America**, these securities have not been registered before the Securities Superintendence of the Republic of Panama, nor did the offer, sale or their trading procedures. The registration exemption has made according to numeral 3 of Article 129 of the Consolidated Text containing of the Decree-Law No. 1 of July 8, 1999 (institutional investors). Consequently, the tax treatment set forth in Articles 334 to 336 of the Unified Text containing Decree-Law No. 1 of July 8, 1999, does not apply to them. These securities are not under the supervision of the Securities Superintendence of the Republic of Panama. The information contained herein does not describe any product that is supervised or regulated by the National Banking and Insurance Commission (CNBS) in Honduras. Therefore any investment described herein is done at the investor's own risk. This is an individual and private offer which is made in Costa Rica upon reliance on an exemption from registration before the General Superintendence of Securities ("SUGEVAL"), pursuant to articles 7 and 8 of the Regulations on the Public Offering of Securities ("Reglamento sobre Oferta Pública de Valores"). This information is confidential, and is not to be reproduced or distributed to third parties as this is NOT a public offering of securities in Costa Rica. The product being offered is not intended for the Costa Rican public or market and neither is registered or will be registered before the SUGEVAL, nor can be traded in the secondary market. If any recipient of this documentation receives this document in El Salvador, such recipient acknowledges that the same has been delivered upon his request and instructions, and on a private placement basis. For Guatemala Investors, This communication and any accompanying information (the "Materials") are intended solely for informational purposes and do not constitute (and should not be interpreted to constitute) the offering, selling, or conducting of business with respect to such securities, products or services in the jurisdiction of the addressee (this "Jurisdiction"), or the conducting of any brokerage, banking, or other similarly regulated activities ("Financial Activities") in the Jurisdiction. Neither BLACKROCK, nor the securities, products and services described herein, are registered (or intended to be registered) in the Jurisdiction. Furthermore, neither BLACKROCK, nor the securities, products, services, or activities described herein, are regulated, or supervised by any governmental or similar authority in the Jurisdiction. The Materials are private, confidential and are sent by BLACKROCK only for the exclusive use of the addressee. The Materials must not be publicly distributed and any use of the Materials by anyone other than the addressee is not authorized. The addressee is required to comply with all applicable laws in the Jurisdiction, including, without limitation, tax laws and exchange control regulations if any.

The information provided within this document is for education purposes only in **Bermuda**. This information is not intended for distribution to, or use by, any person or entity in any jurisdiction or country where such distribution would be unlawful under the securities laws of such jurisdiction or country.

In **Latin America**, for institutional investors and financial intermediaries only (not for public distribution). This material is for educational purposes only and does not constitute investment advice or an offer or solicitation to sell or a solicitation of an offer to buy any shares of any fund or security and it is your responsibility to inform yourself of, and to observe, all applicable laws and regulations of your relevant jurisdiction. If any funds are mentioned or inferred in this material, such funds may not be registered with the securities regulators of Argentina, Brazil, Chile, Colombia, Mexico, Panama, Peru, Uruguay or any other securities regulator in any Latin American country and thus, may not be publicly offered in any such countries. The securities regulators of any country within Latin America have not confirmed the accuracy of any information contained herein. No information discussed herein can be provided to the general public in Latin America. The contents of this material are strictly confidential and must not be passed to any third party.

In **Colombia**, the promotion of each product discussed herein is carried out through the Representative Office of BlackRock Fund Advisors, authorized by the Colombian Financial Superintendence. The transmission of this information does not constitute a securities public offering in Colombia. The products discussed herein may not be promoted or marketed in Colombia or to Colombian residents unless such promotion and marketing is made in compliance with Decree 2555 of 2010 and other applicable rules and regulations related to the promotion of foreign financial and/or securities related products or services in Colombia. With the receipt of these materials, and unless the Client contacts BlackRock with additional requests for information, the Client agrees to have been provided the information for due advisory required by the marketing and promotion regulatory regime applicable in Colombia.

In **Chile**, The securities if any described in this document are foreign securities, therefore: i) their rights and obligations will be subject to the legal framework of the issuer's country of origin, and therefore, investors must inform themselves regarding the form and means through which they may exercise their rights; and that ii) the supervision of the Commission for the Financial Market (Comisión para el Mercado Financiero or "CMF") will be concentrated exclusively on compliance with the information obligations established in General Standard No. 352 of the CMF and that, therefore, the supervision of the security and its issuer will be mainly made by the foreign regulator; In the case of a fund not registered with the CMF is subject to General Rule No. 336 issued by the SVS (now the CMF). The subject matter of this sale may include securities not registered with the CMF; therefore, such securities are not subject to the supervision of the CMF. Since the securities are not registered in Chile, there is no obligation of the issuer to make publicly available information about the securities in Chile. The securities shall not be subject to public offering in Chile unless registered with the relevant registry of the CMF.

IN MEXICO, FOR INSTITUTIONAL AND QUALIFIED INVESTORS USE ONLY. INVESTING INVOLVES RISK, INCLUDING POSSIBLE LOSS OF PRINCIPAL. THIS MATERIAL IS PROVIDED FOR EDUCATIONAL AND INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE AN OFFER OR SOLICITATION TO SELL OR A SOLICITATION OF AN OFFER TO BUY ANY SHARES OF ANY FUND OR SECURITY. This information does not consider the investment objectives, risk tolerance or the financial circumstances of any specific investor. This information does not replace the obligation of financial advisor to apply his/her best judgment in making investment decisions or investment recommendations. It is your responsibility to inform yourself of, and to observe, all applicable laws and regulations of Mexico. If any funds, securities or investment strategies are mentioned or inferred in this material, such funds, securities or strategies have not been registered with the Mexican National Banking and Securities Commission (Comisión Nacional Bancaria y de Valores, the "CNBV") and thus, may not be publicly offered in Mexico. The CNBV has not confirmed the accuracy of any information contained herein. The provision of investment management and investment advisory services ("Investment Services") is a regulated activity in Mexico, subject to strict rules, and performed under the supervision of the CNBV. These materials are shared for information purposes only, do not constitute investment advice, and are being shared in the understanding that the addressee is an Institutional or Qualified investor as defined under Mexican Securities (Ley del Mercado de Valores). Each potential investor shall make its own investment decision based on their own analysis of the available information. Please note that by receiving these materials, it shall be construed as a representation by the receiver that it is an Institutional or Qualified investor as defined under Mexican law. BlackRock México Operadora, S.A. de C.V., Sociedad Operadora de Fondos de Inversión ("BlackRock México Operadora") is a Mexican subsidiary of BlackRock, Inc., authorized by the CNBV as a Mutual Fund Manager (Operadora de Fondos), and as such, authorized to manage Mexican mutual funds, ETFs and provide Investment Advisory Services. For more information on the Investment Services offered by BlackRock Mexico, please review our Investment Services Guide available in www.blackrock.com/mx. This material represents an assessment at a specific time and its information should not be relied upon by the you as research or investment advice regarding the funds, any security or investment strategy in particular. Reliance upon information in this material is at your sole discretion. BlackRock México is not authorized to receive deposits, carry out intermediation activities, or act as a broker dealer, or bank in Mexico. For more information on BlackRock México, please visit: www.blackrock.com/mx. BlackRock receives revenue in the form of advisory fees for our advisory services and management fees for our mutual funds, exchange traded funds and collective investment trusts. Any modification, change, distribution or inadequate use of information of this document is not responsibility of BlackRock or any of its affiliates. Pursuant to the Mexican Data Privacy Law (Ley Federal de Protección de Datos Personales en Posesión de Particulares), to register your personal data you must confirm that you have read and understood the Privacy Notice of BlackRock México Operadora. For the full disclosure, please visit www.blackrock.com/mx and accept that your personal information will be managed according with the terms and conditions set forth therein.

In **Peru**, this private offer does not constitute a public offer, and is not registered with the Securities Market Public Registry of the Peruvian Securities Market Commission, for use only with institutional investors as such term is defined by the Superintendencia de Banca, Seguros y AFP.

This material is for distribution to Professional Clients (as defined by the Financial Conduct Authority or MiFID Rules) only and should not be relied upon by any other persons.

In the UK and Non-European Economic Area (EEA) countries: this is Issued by BlackRock Investment Management (UK) Limited, authorised and regulated by the Financial Conduct Authority. Registered office: 12 Throgmorton Avenue, London, EC2N 2DL. Tel: + 44 (0)20 7743 3000. Registered in England and Wales No. 02020394. For your protection telephone calls are usually recorded. Please refer to the Financial Conduct Authority website for a list of authorised activities conducted by BlackRock.

In the European Economic Area (EEA): This document is marketing material. This is Issued by BlackRock (Netherlands) B.V. and is authorised and regulated by the Netherlands Authority for the Financial Markets. Registered office Amstelveen 1, 1096 HA, Amsterdam, Tel: 020 – 549 5200, Tel: 31-20-549-5200. Trade Register No. 17068311 For your protection telephone calls are usually recorded.

In Switzerland: This document shall be exclusively made available to, and directed at, qualified investors as defined in Article 10 (3) of the CISA of 23 June 2006, as amended, at the exclusion of qualified investors with an opting-out pursuant to Art. 5 (1) of the Swiss Federal Act on Financial Services ("FinSA"). For information on art. 8 / 9 Financial Services Act (FinSA) and on your client segmentation under art. 4 FinSA, please see the following website: www.blackrock.com/finsa.

In Israel: BlackRock Investment Management (UK) Limited is not licenced under Israel's Regulation of Investment Advice, Investment Marketing and Portfolio Management Law, 5755-1995 (the "Advice Law"), nor does it carry insurance thereunder.

In the DIFC: This document is intended strictly for Professional Clients as defined under the Dubai Financial Services Authority ("DFSA") Conduct of Business (COB) Rules. Blackrock Advisors (UK) Limited -Dubai Branch is a DIFC Foreign Recognised Company registered with the DIFC Registrar of Companies (DIFC Registered Number 546), with its office at Unit L15 - 01A, ICD Brookfield Place, Dubai International Financial Centre, PO Box 506661, Dubai, UAE, and is regulated by the DFSA to engage in the regulated activities of 'Advising on Financial Products' and 'Arranging Deals in Investments' in or from the DIFC, both of which are limited to units in a collective investment fund (DFSA Reference Number F000738).

In Saudi Arabia. This document is intended for Institutional and Qualified Clients (as defined by the Capital Market Authority) only and should not be relied upon by any other persons. BlackRock Saudi Arabia, authorised and regulated by the Capital Market Authority (License Number 18- 192-30). Registered office: 7976 Salim Ibn Abi Bakr Shaikan St, 2223 West Umm Al Hamam District Riyadh, 12329 Riyadh, Kingdom of Saudi Arabia, Tel: +966 11 838 3600. CR No, 1010479419. For your protection telephone calls are usually recorded. Please refer to the Capital Market Authority website for a list of authorised activities conducted by BlackRock Saudi Arabia.

In Bahrain: The information contained in this document is intended strictly for sophisticated institutions

In the United Arab Emirates (UAE) (excluding the Dubai International Financial Centre (DIFC) and the Abu Dhabi Global Market (ADGM)):

Abu Dhabi Global Markets

This communication is sent strictly within the context of, and constitutes, an Exempt Communication under the Financial Services and Markets Regulations 2015 (as amended).

In the State of Qatar and the Qatar Financial Centre (QFC): This document is intended strictly for sophisticated institutions.

In Kuwait: This document is intended strictly for sophisticated institutions that are 'Professional Clients' as defined under the Kuwait Capital Markets Law and its Executive Bylaws.

The information contained in 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 or an opinion or guidance on a financial product, service and/or strategy. Whilst great care has been taken to ensure that the information contained in this document is accurate, no responsibility can be accepted for any errors, mistakes or omissions or for any action taken in reliance thereon. You may only reproduce, circulate and use this document (or any part of it) with the consent of BlackRock Investment Management (UK). The information contained in this document is for information purposes only. It is not intended for and should not be distributed to, or relied upon by, members of the public.

The information contained in this document, may contain statements that are not purely historical in nature but are "forward-looking statements". These include, amongst other things, projections, forecasts or estimates of income. These forward-looking statements are based upon certain assumptions, some of which are described in other relevant documents or materials. If you do not understand the contents of this document, you should consult an authorised financial adviser. Any research in this document has been procured and may have been acted on by BlackRock for its own purpose. The results of such research are being made available only incidentally. The views expressed do not constitute investment or any other advice and are subject to change. They do not necessarily reflect the views of any company in the BlackRock Group or any part thereof and no assurances are made as to their accuracy. Any opinions, forecasts represent an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results. This information should not be relied upon by the reader as research, investment advice or a recommendation. This document is for information purposes only and does not constitute an offer or invitation to anyone to invest in any BlackRock funds and has not been prepared in connection with any such offer. If you are an intermediary or third-party distributor, you must only disseminate this material to other Professional Investors as permitted in the above-specified jurisdictions and in accordance with applicable laws and regulations. Certain information contained herein has been obtained from published sources and from third parties, including without limitation, market forecasts, internal and external surveys, market research, publicly available information and industry publications. In addition, certain information contained herein may have been obtained from companies in which investments have been made by entities affiliated with BlackRock. Although such information is believed to be reliable for the purposes used herein, neither the Fund nor BlackRock assumes any responsibility for the accuracy or completeness of such information. Reliance upon information in this material is at the sole discretion of the reader. Certain information contained herein represents or is based upon forward-looking statements or information. BlackRock and its affiliates believe that such statements and information are based upon reasonable estimates and assumptions. However, forward-looking statements are inherently uncertain, and factors may cause events or results to differ from those projected. Therefore, undue reliance should not be placed on such forward-looking statements and information.

© 2025 BlackRock, Inc. or its affiliates. All Rights Reserved. BLACKROCK, BLACKROCK SOLUTIONS, iSHARES, BUILD ON BLACKROCK and SO WHAT DO I DO WITH MY MONEY are trademarks of BlackRock, Inc. or its affiliates. All other trademarks are those of their respective owners.