

**BLACKROCK FUNDS V**  
**BlackRock Strategic Income Opportunities Portfolio**  
(the “Fund”)

**Supplement dated September 16, 2025 (the “Supplement”) to the Fund’s  
Summary Prospectuses and Prospectuses, each dated April 30, 2025, as supplemented to date**

**Effective immediately, the following changes are made to the Fund’s Summary Prospectuses and Prospectuses, as applicable:**

**The section of the Summary Prospectuses entitled “Key Facts About BlackRock Strategic Income Opportunities Portfolio — Portfolio Managers” and the section of the Prospectuses entitled “Fund Overview — Key Facts About BlackRock Strategic Income Opportunities Portfolio — Portfolio Managers” are deleted in their entirety and replaced with the following:**

***Portfolio Managers***

<b>Name</b>	<b>Portfolio Manager of the Fund Since</b>	<b>Title</b>
Rick Rieder	2010*	Chief Investment Officer of Global Fixed Income, Head of Global Allocation Investment Team, member of the Global Executive Committee, Global Operating Committee and Chairman of the BlackRock, Inc. firmwide Investment Council
Russ Brownback	2022	Managing Director of BlackRock, Inc.
Dylan Price	2025	Director of BlackRock, Inc.

\* Includes management of the Predecessor Fund.

**The section of the Prospectuses entitled “Details About the Fund — How the Fund Invests — About the Portfolio Management of the Fund” is deleted in its entirety and replaced with the following:**

<b>ABOUT THE PORTFOLIO MANAGEMENT OF THE FUND</b>
The Fund is managed by a team of financial professionals. Rick Rieder, Russ Brownback and Dylan Price are the portfolio managers and are jointly and primarily responsible for the day-to-day management of the Fund. Please see “Management of the Fund — Portfolio Manager Information” for additional information about the portfolio management team.

**The section of the Prospectuses entitled “Management of the Fund — Portfolio Manager Information” is deleted in its entirety and replaced with the following:**

***Portfolio Manager Information***

Information regarding the portfolio managers of the Fund is set forth below. Further information regarding the portfolio managers, including other accounts managed, compensation, ownership of Fund shares, and possible conflicts of interest, is available in the Fund’s SAI.

The Fund is managed by a team of financial professionals. Rick Rieder, Russ Brownback and Dylan Price are the portfolio managers and are jointly and primarily responsible for the day-to-day management of the Fund.

<b>Portfolio Manager</b>	<b>Primary Role</b>	<b>Since</b>	<b>Title and Recent Biography</b>
Rick Rieder	Jointly and primarily responsible for the day-to-day management of the Fund’s portfolio including setting the Fund’s overall investment strategy and overseeing the management of the Fund.	2010*	Chief Investment Officer of Global Fixed Income, Head of Global Allocation Investment Team, member of the Global Executive Committee, Global Operating Committee and Chairman of the BlackRock, Inc. firmwide Investment Council; Managing Director of BlackRock, Inc. since 2009.
Russ Brownback	Jointly and primarily responsible for the day-to-day management of the Fund’s portfolio including setting the Fund’s overall investment strategy and overseeing the management of the Fund.	2022	Managing Director of BlackRock, Inc. since 2017.
Dylan Price	Jointly and primarily responsible for the day-to-day management of the Fund’s portfolio including setting the Fund’s overall investment strategy and overseeing the management of the Fund.	2025	Director of BlackRock, Inc. since 2023; Vice President of BlackRock, Inc. from 2020 to 2022.

\* Includes management of BlackRock Strategic Income Opportunities Portfolio, a series of BlackRock Funds II (the “Predecessor Fund”)

**Shareholders should retain this Supplement for future reference.**

PR2-SIO-0925SUP

## Summary Prospectus

### BlackRock Funds V | Investor and Institutional Shares

- **BlackRock Strategic Income Opportunities Portfolio**

Investor A: BASIX • Investor C: BSICX • Institutional: BSIX

Before you invest, you may want to review the Fund's prospectus, which contains more information about the Fund and its risks. You can find the Fund's prospectus (including amendments and supplements), reports to shareholders and other information about the Fund, including the Fund's statement of additional information, online at <https://www.blackrock.com/prospectus>. You can also get this information at no cost by calling (800) 441-7762 or by sending an e-mail request to [prospectus.request@blackrock.com](mailto:prospectus.request@blackrock.com), or from your financial professional. The Fund's prospectus and statement of additional information, both dated April 30, 2025, as amended and supplemented from time to time, are incorporated by reference into (legally made a part of) this Summary Prospectus.

*This Summary Prospectus contains information you should know before investing, including information about risks. Please read it before you invest and keep it for future reference.*

*The Securities and Exchange Commission and the Commodity Futures Trading Commission have not approved or disapproved these securities or passed upon the adequacy of this Summary Prospectus. Any representation to the contrary is a criminal offense.*

**Not FDIC Insured • May Lose Value • No Bank Guarantee**

# Summary Prospectus

## Key Facts About BlackRock Strategic Income Opportunities Portfolio

### Investment Objective

The BlackRock Strategic Income Opportunities Portfolio (the “Fund”) seeks total return as is consistent with preservation of capital.

### Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay if you buy, hold and sell shares of the Fund. **You may pay other fees, such as brokerage commissions and other fees to your financial professional or your selected securities dealer, broker, investment adviser, service provider or industry professional (including BlackRock Advisors, LLC (“BlackRock”) and its affiliates) (each, a “Financial Intermediary”), which are not reflected in the table and example below.** You may qualify for sales charge discounts if you and your family invest, or agree to invest in the future, at least \$25,000 in the fund complex advised by BlackRock or its affiliates. More information about these and other discounts is available from your Financial Intermediary and in the “Details About the Share Classes” and the “Intermediary-Defined Sales Charge Waiver Policies” sections on pages 40 and A-1, respectively, of the Fund’s prospectus and in the “Purchase of Shares” section on page II-95 of Part II of the Fund’s Statement of Additional Information.

<b>Shareholder Fees (fees paid directly from your investment)</b>	<b>Investor A Shares</b>	<b>Investor C Shares</b>	<b>Institutional Shares</b>
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	4.00%	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of offering price or redemption proceeds, whichever is lower)	None <sup>1</sup>	1.00% <sup>2</sup>	None
<b>Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)</b>	<b>Investor A Shares</b>	<b>Investor C Shares</b>	<b>Institutional Shares</b>
Management Fee <sup>3,4</sup>	0.45%	0.45%	0.45%
Distribution and/or Service (12b-1) Fees	0.25%	1.00%	None
Other Expenses <sup>5</sup>	0.26%	0.24%	0.25%
Other Expenses of the Subsidiary <sup>5</sup>	—	—	—
Miscellaneous Other Expenses	0.18%	0.16%	0.16%
Interest Expense	0.08%	0.08%	0.09%
Acquired Fund Fees and Expenses <sup>6</sup>	0.01%	0.01%	0.01%
Total Annual Fund Operating Expenses <sup>6</sup>	0.97%	1.70%	0.71%
Fee Waivers and/or Expense Reimbursements <sup>4,7</sup>	(0.01)%	(0.01)%	—
Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements <sup>4,7</sup>	0.96%	1.69%	0.71%

<sup>1</sup> A contingent deferred sales charge (“CDSC”) of 0.75% is assessed on certain redemptions of Investor A Shares made within 18 months after purchase where no initial sales charge was paid at the time of purchase as part of an investment of \$500,000 or more.

<sup>2</sup> There is no CDSC on Investor C Shares after one year.

<sup>3</sup> The management fee payable by the Fund is based on assets estimated to be attributable to the Fund’s direct investments in fixed income and equity securities and instruments, including exchange-traded funds (“ETFs”) advised by BlackRock or other investment advisers, other investments and cash and cash equivalents (including money market funds, whether advised by BlackRock or other investment advisers) and excludes investments in other BlackRock equity and/or fixed income mutual funds (the “Underlying Funds”).

<sup>4</sup> As described in the “Management of the Fund” section of the Fund’s prospectus beginning on page 56, BlackRock has contractually agreed to waive the management fee of the Fund with respect to any portion of the Fund’s assets estimated to be attributable to investments in (i) other equity and fixed-income ETFs managed by BlackRock or its affiliates that have a contractual management fee and (ii) other exchange-traded products sponsored by BlackRock or its affiliates, through June 30, 2026. In addition, BlackRock has contractually agreed to waive its management fees by the amount of investment advisory fees the Fund pays to BlackRock indirectly through its investment in money market funds managed by BlackRock or its affiliates, through June 30, 2026. The contractual agreements may be terminated upon 90 days’ notice by a majority of the non-interested trustees of BlackRock Funds V (the “Trust”) or by a vote of a majority of the outstanding voting securities of the Fund.

<sup>5</sup> Other Expenses of Cayman Strategic Income Opportunities Portfolio II, Ltd. (the “Subsidiary”) were less than 0.01%.

<sup>6</sup> The Total Annual Fund Operating Expenses do not correlate to the ratios of expenses to average net assets given in the Fund's most recent annual financial statements and additional information, which do not include Acquired Fund Fees and Expenses.

<sup>7</sup> As described in the "Management of the Fund" section of the Fund's prospectus beginning on page 56, BlackRock has contractually agreed to waive and/or reimburse fees or expenses in order to limit Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements (excluding Dividend Expense, Interest Expense, Acquired Fund Fees and Expenses and certain other Fund expenses) to 0.90% (for Investor A Shares), 1.65% (for Investor C Shares) and 0.65% (for Institutional Shares) of average daily net assets through June 30, 2026. The contractual agreement may be terminated upon 90 days' notice by a majority of the non-interested trustees of the Trust or by a vote of a majority of the outstanding voting securities of the Fund.

### Example:

This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 Year	3 Years	5 Years	10 Years
Investor A Shares	\$494	\$696	\$914	\$1,541
Investor C Shares	\$272	\$535	\$922	\$1,814
Institutional Shares	\$ 73	\$227	\$395	\$ 883

You would pay the following expenses if you did not redeem your shares:

	1 Year	3 Years	5 Years	10 Years
Investor C Shares	\$172	\$535	\$922	\$1,814

### Portfolio Turnover:

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the Example, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 1,117% of the average value of its portfolio.

### Principal Investment Strategies of the Fund

Under normal market conditions, the Fund will invest in a combination of fixed-income securities, including, but not limited to: high yield securities, international securities, emerging markets debt and mortgages. Depending on market conditions, the Fund may invest in other market sectors. Fixed-income securities are debt obligations such as bonds and debentures, U.S. Government securities, debt obligations of domestic and non-U.S. corporations, debt obligations of non-U.S. governments and their political subdivisions, asset-backed securities, various mortgage-backed securities (both residential and commercial), other floating or variable rate obligations, convertible securities, municipal obligations and zero coupon debt securities. The Fund may invest in preferred securities, illiquid investments, ETFs, including affiliated ETFs, and corporate loans. The Fund may have short positions in to-be-announced ("TBA") mortgage-backed securities without limit.

The Fund may invest significantly in non-investment grade bonds (high yield or junk bonds). Non-investment grade bonds acquired by the Fund will generally be in the lower rating categories of the major rating agencies (BB or lower by S&P Global Ratings, a division of S&P Global, Inc., or Ba or lower by Moody's Investors Service, Inc.) or will be determined by the management team to be of similar quality. Split rated bonds will be considered to have the higher credit rating. The Fund may invest up to 15% of its net assets in collateralized debt obligations ("CDOs"), of which 10% (as a percentage of the Fund's net assets) may be in collateralized loan obligations ("CLOs").

The Fund may also invest significantly in non-dollar denominated bonds and bonds of emerging market issuers. The Fund's investment in non-dollar denominated bonds may be on a currency hedged or unhedged basis.

The management team may, when consistent with the Fund's investment goal, buy or sell options or futures on a security or an index of securities, or enter into swap agreements, including total return, interest rate and credit default swaps, or foreign currency transactions (collectively, commonly known as derivatives). The Fund typically uses derivatives as a substitute for taking a position in the underlying asset and/or as part of a strategy designed to reduce exposure to other risks, such as currency risk. The Fund may also use derivatives for leverage, in which case their use would involve leveraging risk. The Fund may seek to obtain market exposure to the securities in which it primarily invests by entering into a series of purchase and sale contracts or by using other investment techniques (such as reverse repurchase agreements or mortgage dollar rolls, which involve a sale by the Fund of a mortgage-backed

security concurrently with an agreement by the Fund to repurchase a similar security at a later date at an agreed-upon price). The Fund may invest in indexed and inverse floating rate securities.

The Fund may seek to provide exposure to the investment returns of real assets that trade in the commodity markets through investment in commodity-linked derivative instruments and investment vehicles that exclusively invest in commodities such as ETFs, which are designed to provide this exposure without direct investment in physical commodities. The Fund may also gain exposure to commodity markets by investing up to 25% of its total assets in the Subsidiary, a wholly owned subsidiary of the Fund formed in the Cayman Islands, which invests primarily in commodity-related instruments.

The Fund may engage in active and frequent trading of portfolio securities to achieve its primary investment strategies.

## ***Principal Risks of Investing in the Fund***

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Risk is inherent in all investing. The value of your investment in the Fund, as well as the amount of return you receive on your investment, may fluctuate significantly from day to day and over time. You may lose part or all of your investment in the Fund or your investment may not perform as well as other similar investments. The following is a summary description of principal risks of investing in the Fund. The relative significance of each risk factor below may change over time and you should review each risk factor carefully.

■ ***Debt Securities Risk*** — Debt securities, such as bonds, involve risks, such as credit risk, interest rate risk, extension risk, and prepayment risk, each of which are described in further detail below:

*Credit Risk* — Credit risk refers to the possibility that the issuer of a debt security (i.e., the borrower) will not be able to make payments of interest and principal when due. Changes in an issuer's credit rating or the market's perception of an issuer's creditworthiness may also affect the value of the Fund's investment in that issuer. The degree of credit risk depends on both the financial condition of the issuer and the terms of the obligation.

*Interest Rate Risk* — The market value of bonds and other fixed-income securities changes in response to interest rate changes and other factors. Interest rate risk is the risk that prices of bonds and other fixed-income securities will increase as interest rates fall and decrease as interest rates rise.

The Fund may be subject to a greater risk of rising interest rates during a period of historically low interest rates. For example, if interest rates increase by 1%, assuming a current portfolio duration of ten years, and all other factors being equal, the value of the Fund's investments would be expected to decrease by 10%. (Duration is a measure of the price sensitivity of a debt security or portfolio of debt securities to relative changes in interest rates). The magnitude of these fluctuations in the market price of bonds and other fixed-income securities is generally greater for those securities with longer maturities. Fluctuations in the market price of the Fund's investments will not affect interest income derived from instruments already owned by the Fund, but will be reflected in the Fund's net asset value. The Fund may lose money if short-term or long-term interest rates rise sharply in a manner not anticipated by Fund management.

To the extent the Fund invests in debt securities that may be prepaid at the option of the obligor (such as mortgage-backed securities), the sensitivity of such securities to changes in interest rates may increase (to the detriment of the Fund) when interest rates rise. Moreover, because rates on certain floating rate debt securities typically reset only periodically, changes in prevailing interest rates (and particularly sudden and significant changes) can be expected to cause some fluctuations in the net asset value of the Fund to the extent that it invests in floating rate debt securities.

These basic principles of bond prices also apply to U.S. Government securities. A security backed by the "full faith and credit" of the U.S. Government is guaranteed only as to its stated interest rate and face value at maturity, not its current market price. Just like other fixed-income securities, government-guaranteed securities will fluctuate in value when interest rates change.

A general rise in interest rates has the potential to cause investors to move out of fixed-income securities on a large scale, which may increase redemptions from funds that hold large amounts of fixed-income securities. Heavy redemptions could cause the Fund to sell assets at inopportune times or at a loss or depressed value and could hurt the Fund's performance.

*Extension Risk* — When interest rates rise, certain obligations will be paid off by the obligor more slowly than anticipated, causing the value of these obligations to fall.

*Prepayment Risk* — When interest rates fall, certain obligations will be paid off by the obligor more quickly than originally anticipated, and the Fund may have to invest the proceeds in securities with lower yields.

■ **Mortgage- and Asset-Backed Securities Risks** — Mortgage- and asset-backed securities represent interests in “pools” of mortgages or other assets, including consumer loans or receivables held in trust. Mortgage- and asset-backed securities are subject to credit, interest rate, prepayment and extension risks. These securities also are subject to risk of default on the underlying mortgage or asset, particularly during periods of economic downturn. Small movements in interest rates (both increases and decreases) may quickly and significantly reduce the value of certain mortgage-backed securities.

■ **High Yield Bonds Risk** — Although junk bonds generally pay higher rates of interest than investment grade bonds, junk bonds are high risk investments that are considered speculative and may cause income and principal losses for the Fund.

■ **Collateralized Debt Obligations Risk** — In addition to the typical risks associated with fixed-income securities and asset-backed securities, CDOs, including CLOs, carry additional risks including, but not limited to: (i) the possibility that distributions from collateral securities will not be adequate to make interest or other payments; (ii) the risk that the collateral may default or decline in value or be downgraded, if rated by a nationally recognized statistical rating organization; (iii) the Fund may invest in tranches of CDOs that are subordinate to other tranches; (iv) the structure and complexity of the transaction and the legal documents could lead to disputes among investors regarding the characterization of proceeds; (v) the investment return achieved by the Fund could be significantly different than those predicted by financial models; (vi) the lack of a readily available secondary market for CDOs; (vii) the risk of forced “fire sale” liquidation due to technical defaults such as coverage test failures; and (viii) the CDO’s manager may perform poorly.

■ **Commodities Related Investments Risk** — Exposure to the commodities markets may subject the Fund to greater volatility than investments in traditional securities. The value of commodity-linked derivative investments may be affected by changes in overall market movements, commodity index volatility, changes in inflation, interest rates, or factors affecting a particular industry or commodity, such as drought, floods, weather, embargoes, tariffs and international economic, political and regulatory developments.

■ **Convertible Securities Risk** — The market value of a convertible security performs like that of a regular debt security; that is, if market interest rates rise, the value of a convertible security usually falls. In addition, convertible securities are subject to the risk that the issuer will not be able to pay interest, principal or dividends when due, and their market value may change based on changes in the issuer’s credit rating or the market’s perception of the issuer’s creditworthiness. Since it derives a portion of its value from the common stock into which it may be converted, a convertible security is also subject to the same types of market and issuer risks that apply to the underlying common stock, including the potential for increased volatility in the price of the convertible security.

■ **Corporate Loans Risk** — Commercial banks and other financial institutions or institutional investors make corporate loans to companies that need capital to grow or restructure. Borrowers generally pay interest on corporate loans at rates that change in response to changes in market interest rates such as the Secured Overnight Financing Rate (“SOFR”), or the prime rates of U.S. banks. As a result, the value of corporate loan investments is generally less exposed to the adverse effects of shifts in market interest rates than investments that pay a fixed rate of interest. The market for corporate loans may be subject to irregular trading activity and wide bid/ask spreads. In addition, transactions in corporate loans may settle on a delayed basis. As a result, the proceeds from the sale of corporate loans may not be readily available to make additional investments or to meet the Fund’s redemption obligations. To the extent the extended settlement process gives rise to short-term liquidity needs, the Fund may hold additional cash, sell investments or temporarily borrow from banks and other lenders.

■ **Derivatives Risk** — The Fund’s use of derivatives may increase its costs, reduce the Fund’s returns and/or increase volatility. Derivatives involve significant risks, including:

*Leverage Risk* — The Fund’s use of derivatives can magnify the Fund’s gains and losses. Relatively small market movements may result in large changes in the value of a derivatives position and can result in losses that greatly exceed the amount originally invested.

*Market Risk* — Some derivatives are more sensitive to interest rate changes and market price fluctuations than other securities. The Fund could also suffer losses related to its derivatives positions as a result of unanticipated market movements, which losses are potentially unlimited. Finally, BlackRock may not be able to predict correctly the direction of securities prices, interest rates and other economic factors, which could cause the Fund’s derivatives positions to lose value.

*Counterparty Risk* — Derivatives are also subject to counterparty risk, which is the risk that the other party in the transaction will be unable or unwilling to fulfill its contractual obligation, and the related risks of having concentrated exposure to such a counterparty.

*Illiquidity Risk* — The possible lack of a liquid secondary market for derivatives and the resulting inability of the Fund to sell or otherwise close a derivatives position could expose the Fund to losses and could make derivatives more difficult for the Fund to value accurately.

*Operational Risk* — The use of derivatives includes the risk of potential operational issues, including documentation issues, settlement issues, systems failures, inadequate controls and human error.

*Legal Risk* — The risk of insufficient documentation, insufficient capacity or authority of counterparty, or legality or enforceability of a contract.

*Volatility and Correlation Risk* — Volatility is defined as the characteristic of a security, an index or a market to fluctuate significantly in price within a short time period. A risk of the Fund's use of derivatives is that the fluctuations in their values may not correlate with the overall securities markets.

*Valuation Risk* — Valuation for derivatives may not be readily available in the market. Valuation may be more difficult in times of market turmoil since many investors and market makers may be reluctant to purchase complex instruments or quote prices for them.

*Hedging Risk* — Hedges are sometimes subject to imperfect matching between the derivative and the underlying security, and there can be no assurance that the Fund's hedging transactions will be effective. The use of hedging may result in certain adverse tax consequences.

*Tax Risk* — Certain aspects of the tax treatment of derivative instruments, including swap agreements and commodity-linked derivative instruments, are currently unclear and may be affected by changes in legislation, regulations or other legally binding authority. Such treatment may be less favorable than that given to a direct investment in an underlying asset and may adversely affect the timing, character and amount of income the Fund realizes from its investments.

- **Dollar Rolls Risk** — Dollar rolls involve the risk that the market value of the securities that the Fund is committed to buy may decline below the price of the securities the Fund has sold. These transactions may involve leverage.
- **Emerging Markets Risk** — Emerging markets are riskier than more developed markets because they tend to develop unevenly and may never fully develop. Investments in emerging markets may be considered speculative. Emerging markets are more likely to experience hyperinflation and currency devaluations, which adversely affect returns to U.S. investors. In addition, many emerging securities markets have far lower trading volumes and less liquidity than developed markets.
- **Foreign Securities Risk** — Foreign investments often involve special risks not present in U.S. investments that can increase the chances that the Fund will lose money. These risks include:
  - The Fund generally holds its foreign securities and cash in foreign banks and securities depositories, which may be recently organized or new to the foreign custody business and may be subject to only limited or no regulatory oversight.
  - Changes in foreign currency exchange rates can affect the value of the Fund's portfolio.
  - The economies of certain foreign markets may not compare favorably with the economy of the United States with respect to such issues as growth of gross national product, reinvestment of capital, resources and balance of payments position.
  - The governments of certain countries, or the U.S. Government with respect to certain countries, may prohibit or impose substantial restrictions through capital controls and/or sanctions on foreign investments in the capital markets or certain industries in those countries, which may prohibit or restrict the ability to own or transfer currency, securities, derivatives or other assets.
  - Many foreign governments do not supervise and regulate stock exchanges, brokers and the sale of securities to the same extent as does the United States and may not have laws to protect investors that are comparable to U.S. securities laws.
  - Settlement and clearance procedures in certain foreign markets may result in delays in payment for or delivery of securities not typically associated with settlement and clearance of U.S. investments.
  - The Fund's claims to recover foreign withholding taxes may not be successful, and if the likelihood of recovery of foreign withholding taxes materially decreases, due to, for example, a change in tax regulation or approach in the foreign country, accruals in the Fund's net asset value for such refunds may be written down partially or in full, which will adversely affect the Fund's net asset value.
  - The European financial markets have recently experienced volatility and adverse trends due to concerns about economic downturns in, or rising government debt levels of, several European countries as well as acts of war in the region. These events may spread to other countries in Europe and may affect the value and liquidity of certain of the Fund's investments.

- **High Portfolio Turnover Risk** — The Fund may engage in active and frequent trading of its portfolio securities. High portfolio turnover (more than 100%) may result in increased transaction costs to the Fund, including brokerage commissions, dealer mark-ups and other transaction costs on the sale of the securities and on reinvestment in other securities. The sale of Fund portfolio securities may result in the realization and/or distribution to shareholders of higher capital gains or losses as compared to a fund with less active trading policies. These effects of higher than normal portfolio turnover may adversely affect Fund performance. In addition, investment in mortgage dollar rolls and participation in TBA transactions may significantly increase the Fund's portfolio turnover rate. A TBA transaction is a method of trading mortgage-backed securities where the buyer and seller agree upon general trade parameters such as agency, settlement date, par amount, and price at the time the contract is entered into but the mortgage-backed securities are delivered in the future, generally 30 days later.
- **Illiquid Investments Risk** — The Fund may not acquire any illiquid investment if, immediately after the acquisition, the Fund would have invested more than 15% of its net assets in illiquid investments. An illiquid investment is any investment that the Fund reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the investment. The Subsidiary will also limit its investment in illiquid investments to 15% of its net assets. In applying the illiquid investments restriction to the Fund, the Fund's investment in the Subsidiary is considered to be liquid. Liquid investments may become illiquid after purchase by the Fund, particularly during periods of market turmoil. There can be no assurance that a security or instrument that is deemed to be liquid when purchased will continue to be liquid for as long as it is held by the Fund, and any security or instrument held by the Fund may be deemed an illiquid investment pursuant to the Fund's liquidity risk management program. The Fund's illiquid investments may reduce the returns of the Fund because it may be difficult to sell the illiquid investments at an advantageous time or price. In addition, if the Fund is limited in its ability to sell illiquid investments during periods when shareholders are redeeming their shares, the Fund will need to sell liquid securities to meet redemption requests and illiquid securities will become a larger portion of the Fund's holdings. An investment may be illiquid due to, among other things, the reduced number and capacity of traditional market participants to make a market in fixed-income securities or the lack of an active trading market. To the extent that the Fund's principal investment strategies involve derivatives or securities with substantial market and/or credit risk, the Fund will tend to have the greatest exposure to the risks associated with illiquid investments. Illiquid investments may be harder to value, especially in changing markets, and if the Fund is forced to sell these investments to meet redemption requests or for other cash needs, the Fund may suffer a loss. This may be magnified in a rising interest rate environment or other circumstances where investor redemptions from fixed-income mutual funds may be higher than normal. In addition, when there is illiquidity in the market for certain securities, the Fund, due to limitations on illiquid investments, may be subject to purchase and sale restrictions.
- **Indexed and Inverse Securities Risk** — Indexed and inverse securities provide a potential return based on a particular index of value or interest rates. The Fund's return on these securities will be subject to risk with respect to the value of the particular index. These securities are subject to leverage risk and correlation risk. Certain indexed and inverse securities have greater sensitivity to changes in interest rates or index levels than other securities, and the Fund's investment in such instruments may decline significantly in value if interest rates or index levels move in a way Fund management does not anticipate.
- **Investment in Other Investment Companies Risk** — As with other investments, investments in other investment companies, including ETFs, are subject to market and selection risk. In addition, if the Fund acquires shares of investment companies, including ones affiliated with the Fund, shareholders bear both their proportionate share of expenses in the Fund (including management and advisory fees) and, indirectly, the expenses of the investment companies (to the extent not offset by BlackRock through waivers). If the Fund acquires shares of one or more BlackRock mutual funds (the Underlying Funds), shareholders bear both their proportionate share of expenses in the Fund (excluding management and advisory fees attributable to those assets of the Fund invested in the Underlying Funds) and, indirectly, the expenses of the Underlying Funds (including management and advisory fees). To the extent the Fund is held by an affiliated fund, the ability of the Fund itself to hold other investment companies may be limited.
 

Investing in an ETF will give the Fund exposure to the securities comprising the index on which the ETF is based. Shares of ETFs are traded on an exchange throughout a trading day, and bought and sold based on market values and not at the ETF's net asset value. For this reason, shares of an ETF could trade at either a premium or discount to its net asset value. However, the trading prices of index-based ETFs tend to closely track the actual net asset value of the ETF. The Fund will pay brokerage commissions in connection with the purchase and sale of shares of ETFs, in addition to a spread (i.e., the difference between what professional investors are willing to pay for ETF shares (the "bid" price) and the price at which they are willing to sell ETF shares (the "ask" price)).
- **Investment in a Particular Geographic Region or Country Risk — United Kingdom** - Investment in United Kingdom issuers may subject the Fund to regulatory, political, currency, security, and economic risks specific to the United

Kingdom. The United Kingdom's economy relies heavily on the export of financial services to the United States and other European countries. A prolonged slowdown in the financial services sector may have a negative impact on the United Kingdom's economy. In the past, the United Kingdom has been a target of terrorism. Acts of terrorism in the United Kingdom or against United Kingdom interests may cause uncertainty in the United Kingdom's financial markets and adversely affect the performance of the issuers to which the Fund has exposure.

On January 31, 2020, the United Kingdom officially left the European Union (Brexit), subject to a transitional period that ended December 31, 2020. The United Kingdom and European Union have reached an agreement on the terms of their future trading relationship effective January 1, 2021, which principally relates to the trading of goods rather than services, including financial services. Further discussions are to be held between the United Kingdom and the European Union in relation to matters not covered by the trade agreement, such as financial services. The Fund faces risks associated with the potential uncertainty and consequences that may follow Brexit, including with respect to volatility in exchange rates and interest rates. Brexit could adversely affect European or worldwide political, regulatory, economic or market conditions and could contribute to instability in global political institutions, regulatory agencies and financial markets. Brexit has also led to legal uncertainty and could lead to politically divergent national laws and regulations as a new relationship between the United Kingdom and European Union is defined and the United Kingdom determines which European Union laws to replace or replicate. Any of these effects of Brexit could adversely affect any of the companies to which the Fund has exposure and any other assets that the Fund invests in. The political, economic and legal consequences of Brexit are not yet known. In the short term, financial markets may experience heightened volatility, particularly those in the United Kingdom and Europe, but possibly worldwide. The United Kingdom and Europe may be less stable than they have been in recent years, and investments in the United Kingdom and the European Union may be difficult to value or subject to greater or more frequent volatility. In the longer term, there is likely to be a period of significant political, regulatory and commercial uncertainty as the United Kingdom continues to negotiate the terms of its future trading relationship with the European Union. In addition, Russia launched a large-scale invasion of Ukraine on February 24, 2022. The extent and duration of the military action, resulting sanctions and resulting future market disruptions in the region are impossible to predict, but could be significant and have a severe adverse effect on the region, including significant negative impacts on the economy and the markets for certain securities and commodities, such as oil and natural gas, as well as other sectors.

■ **Leverage Risk** — Some transactions may give rise to a form of economic leverage. These transactions may include, among others, derivatives, and may expose the Fund to greater risk and increase its costs. The use of leverage may cause the Fund to liquidate portfolio positions when it may not be advantageous to do so to satisfy its obligations or to meet the applicable requirements of the Investment Company Act of 1940, as amended (the "Investment Company Act"), and the rules thereunder. Increases and decreases in the value of the Fund's portfolio will be magnified when the Fund uses leverage.

■ **Market Risk and Selection Risk** — Market risk is the risk that one or more markets in which the Fund invests will go down in value, including the possibility that the markets will go down sharply and unpredictably. The value of a security or other asset may decline due to changes in general market conditions, economic trends or events that are not specifically related to the issuer of the security or other asset, or factors that affect a particular issuer or issuers, exchange, country, group of countries, region, market, industry, group of industries, sector or asset class. Local, regional or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues like pandemics or epidemics, recessions, or other events could have a significant impact on the Fund and its investments. Selection risk is the risk that the securities selected by Fund management will underperform the markets, the relevant indices or the securities selected by other funds with similar investment objectives and investment strategies. This means you may lose money.

■ **Municipal Securities Risks** — Municipal securities risks include the ability of the issuer to repay the obligation, the relative lack of information about certain issuers of municipal securities, and the possibility of future legislative changes which could affect the market for and value of municipal securities. Budgetary constraints of local, state, and federal governments upon which the issuers may be relying for funding may also impact municipal securities. These risks include:

*General Obligation Bonds Risks* — Timely payments depend on the issuer's credit quality, ability to raise tax revenues and ability to maintain an adequate tax base.

*Revenue Bonds Risks* — These payments depend on the money earned by the particular facility or class of facilities, or the amount of revenues derived from another source.

*Private Activity Bonds Risks* — Municipalities and other public authorities issue private activity bonds to finance development of industrial facilities for use by a private enterprise. The private enterprise pays the principal and interest on the bond, and the issuer does not pledge its full faith, credit and taxing power for repayment.

*Moral Obligation Bonds Risks* — Moral obligation bonds are generally issued by special purpose public authorities of a state or municipality. If the issuer is unable to meet its obligations, repayment of these bonds becomes a moral commitment, but not a legal obligation, of the state or municipality.

*Municipal Notes Risks* — Municipal notes are shorter term municipal debt obligations. If there is a shortfall in the anticipated proceeds, the notes may not be fully repaid and the Fund may lose money.

*Municipal Lease Obligations Risks* — In a municipal lease obligation, the issuer agrees to make payments when due on the lease obligation. Although the issuer does not pledge its unlimited taxing power for payment of the lease obligation, the lease obligation is secured by the leased property.

*Tax-Exempt Status Risk* — The Fund and its investment manager will rely on the opinion of issuers' bond counsel and, in the case of derivative securities, sponsors' counsel, on the tax-exempt status of interest on municipal bonds and payments under derivative securities. Neither the Fund nor its investment manager will independently review the bases for those tax opinions, which may ultimately be determined to be incorrect and subject the Fund and its shareholders to substantial tax liabilities.

- **Preferred Securities Risk** — Preferred securities may pay fixed or adjustable rates of return. Preferred securities are subject to issuer-specific and market risks applicable generally to equity securities. In addition, a company's preferred securities generally pay dividends only after the company makes required payments to holders of its bonds and other debt. For this reason, the value of preferred securities will usually react more strongly than bonds and other debt to actual or perceived changes in the company's financial condition or prospects. Preferred securities of smaller companies may be more vulnerable to adverse developments than preferred securities of larger companies.
- **Real Estate-Related Securities Risk** — The main risk of real estate-related securities is that the value of the underlying real estate may go down. Many factors may affect real estate values. These factors include both the general and local economies, vacancy rates, changes in rent schedules, tenant bankruptcies, the ability to re-lease space under expiring leases on attractive terms, the amount of new construction in a particular area, the laws and regulations (including zoning, environmental and tax laws) affecting real estate and the costs of owning, maintaining and improving real estate. The availability of mortgage financing and changes in interest rates may also affect real estate values. If the Fund's real estate-related investments are concentrated in one geographic area or in one property type, the Fund will be particularly subject to the risks associated with that area or property type. Many issuers of real estate-related securities are highly leveraged, which increases the risk to holders of such securities. The value of the securities the Fund buys will not necessarily track the value of the underlying investments of the issuers of such securities. In addition, certain issuers of real estate-related securities may have developed or commenced development on properties and may develop additional properties in the future. Real estate development involves significant risks in addition to those involved in the ownership and operation of established properties. Real estate securities may have limited diversification and are, therefore, subject to risks inherent in operating and financing a limited number of projects. Real estate securities are also subject to heavy cash flow dependency and defaults by borrowers or tenants.
- **Repurchase Agreements and Purchase and Sale Contracts Risk** — If the other party to a repurchase agreement or purchase and sale contract defaults on its obligation under the agreement, the Fund may suffer delays and incur costs or lose money in exercising its rights under the agreement. If the seller fails to repurchase the security in either situation and the market value of the security declines, the Fund may lose money.
- **Reverse Repurchase Agreements Risk** — Reverse repurchase agreements involve the sale of securities held by the Fund with an agreement to repurchase the securities at an agreed-upon price, date and interest payment. Reverse repurchase agreements involve the risk that the other party may fail to return the securities in a timely manner or at all. The Fund could lose money if it is unable to recover the securities and the value of the collateral held by the Fund, including the value of the investments made with cash collateral, is less than the value of the securities. These events could also trigger adverse tax consequences for the Fund. In addition, reverse repurchase agreements involve the risk that the interest income earned in the investment of the proceeds will be less than the interest expense.
- **Risk of Investing in the United States** — Certain changes in the U.S. economy, such as when the U.S. economy weakens or when its financial markets decline, may have an adverse effect on the securities to which the Fund has exposure.
- **Small Cap and Emerging Growth Securities Risk** — Small cap or emerging growth companies may have limited product lines or markets. They may be less financially secure than larger, more established companies. They may depend on a more limited management group than larger capitalized companies.
- **Subsidiary Risk** — By investing in the Subsidiary, the Fund is indirectly exposed to the risks associated with the Subsidiary's investments. The commodity-related instruments held by the Subsidiary are generally similar to those

that are permitted to be held by the Fund and are subject to the same risks that apply to similar investments if held directly by the Fund (see “Commodities Related Investment Risks” above). There can be no assurance that the investment objective of the Subsidiary will be achieved. The Subsidiary is not registered under the Investment Company Act, and, unless otherwise noted in this prospectus, is not subject to all the investor protections of the Investment Company Act. However, the Fund wholly owns and controls the Subsidiary, and the Fund and the Subsidiary are both managed by BlackRock, making it unlikely that the Subsidiary will take action contrary to the interests of the Fund and its shareholders. The Board has oversight responsibility for the investment activities of the Fund, including its investment in the Subsidiary, and the Fund’s role as sole shareholder of the Subsidiary. The Subsidiary is subject to the same investment restrictions and limitations, and follows the same compliance policies and procedures, as the Fund, except that the Subsidiary may invest without limitation in commodity-related instruments. Changes in the laws of the United States and/or the Cayman Islands could result in the inability of the Fund and/or the Subsidiary to operate as described in this prospectus and the Statement of Additional Information and could adversely affect the Fund.

- **Treasury Obligations Risk** — Direct obligations of the U.S. Treasury have historically involved little risk of loss of principal if held to maturity. However, due to fluctuations in interest rates, the market value of such securities may vary during the period shareholders own shares of the Fund. In addition, notwithstanding that U.S. Treasury obligations are backed by the full faith and credit of the United States, circumstances could arise that could prevent the timely payment of interest or principal, such as reaching the legislative “debt ceiling.” Such non-payment could result in losses to the Fund and substantial negative consequences for the U.S. economy and the global financial system.
- **U.S. Government Mortgage-Related Securities Risk** — There are a number of important differences among the agencies and instrumentalities of the U.S. Government that issue mortgage-related securities and among the securities that they issue. Mortgage-related securities guaranteed by the Government National Mortgage Association (“GNMA” or “Ginnie Mae”) are guaranteed as to the timely payment of principal and interest by GNMA and such guarantee is backed by the full faith and credit of the United States. GNMA securities also are supported by the right of GNMA to borrow funds from the U.S. Treasury to make payments under its guarantee. Mortgage-related securities issued by Fannie Mae or Freddie Mac are solely the obligations of Fannie Mae or Freddie Mac, as the case may be, and are not backed by or entitled to the full faith and credit of the United States but are supported by the right of the issuer to borrow from the Treasury.
- **Zero Coupon Securities Risk** — While interest payments are not made on such securities, holders of such securities are deemed to have received income (“phantom income”) annually, notwithstanding that cash may not be received currently. The effect of owning instruments that do not make current interest payments is that a fixed yield is earned not only on the original investment but also, in effect, on all discount accretion during the life of the obligations. This implicit reinvestment of earnings at a fixed rate eliminates the risk of being unable to invest distributions at a rate as high as the implicit yield on the zero coupon bond, but at the same time eliminates the holder’s ability to reinvest at higher rates in the future. For this reason, some of these securities may be subject to substantially greater price fluctuations during periods of changing market interest rates than are comparable securities that pay interest currently. Longer term zero coupon bonds are more exposed to interest rate risk than shorter term zero coupon bonds. These investments benefit the issuer by mitigating its need for cash to meet debt service, but also require a higher rate of return to attract investors who are willing to defer receipt of cash.

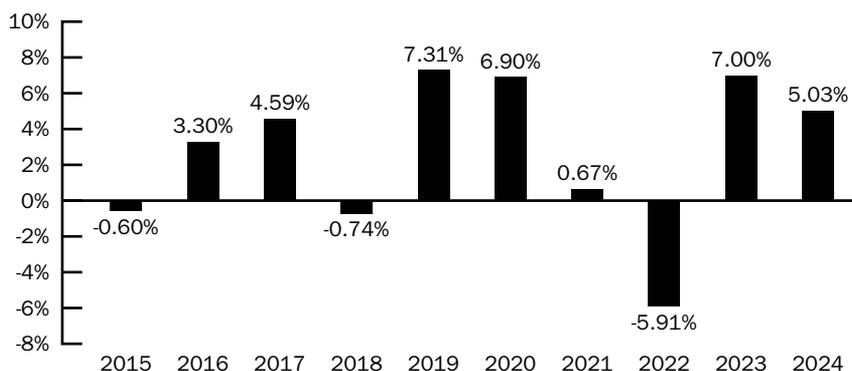
## **Performance Information**

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The information shows you how the Fund’s performance has varied year by year and provides some indication of the risks of investing in the Fund. The table compares the Fund’s performance to that of the Bloomberg U.S. Universal Index and the ICE BofA 3-Month U.S. Treasury Bill Index. The ICE BofA 3-Month U.S. Treasury Bill Index is relevant to the Fund because it has characteristics that Fund management believes are helpful in evaluating the Fund’s performance. The Fund acquired all of the assets, subject to the liabilities, of BlackRock Strategic Income Opportunities Portfolio, a series of BlackRock Funds II (the “Predecessor Fund”), in a reorganization on September 17, 2018 (the “Reorganization”). The Fund adopted the performance of the Predecessor Fund as a result of the Reorganization. The performance information below is based on the performance of the Predecessor Fund for periods prior to the date of the Reorganization. The Predecessor Fund had the same investment objectives, strategies and policies, portfolio management team and contractual arrangements, including the same contractual fees and expenses, as the Fund as of the date of the Reorganization. To the extent that dividends and distributions have been paid by the Fund, the performance information for the Fund in the chart and table assumes reinvestment of the dividends and distributions. As with all such investments, past performance (before and after taxes) is not an indication of future results. Sales charges are not reflected in the bar chart. If they were, returns would be less than those shown. However, the table includes all applicable fees and sales charges. If the Fund’s investment manager and

its affiliates had not waived or reimbursed certain Fund expenses during these periods, the Fund's returns would have been lower. Updated information on the Fund's performance, including its current net asset value, can be obtained by visiting [www.blackrock.com](http://www.blackrock.com) or can be obtained by phone at (800) 882-0052.

**Investor A Shares**  
**ANNUAL TOTAL RETURNS**  
**Strategic Income Opportunities Portfolio**  
**As of 12/31**



During the ten-year period shown in the bar chart, the highest return for a quarter was 6.23% (quarter ended June 30, 2020) and the lowest return for a quarter was -5.92% (quarter ended March 31, 2020).

**For the periods ended 12/31/24**  
**Average Annual Total Returns**

	<b>1 Year</b>	<b>5 Years</b>	<b>10 Years</b>
<b>BlackRock Strategic Income Opportunities — Investor A Shares</b>			
Return Before Taxes	0.83%	1.78%	2.25%
Return After Taxes on Distributions	(0.98)%	0.37%	0.94%
Return After Taxes on Distributions and Sale of Fund Shares	0.48%	0.76%	1.15%
<b>BlackRock Strategic Income Opportunities — Investor C Shares</b>			
Return Before Taxes	3.27%	1.90%	2.08%
<b>BlackRock Strategic Income Opportunities — Institutional Shares</b>			
Return Before Taxes	5.41%	2.92%	2.97%
<b>Bloomberg U.S. Universal Index</b> (Reflects no deduction for fees, expenses or taxes)			
	2.04%	0.06%	1.73%
<b>ICE BofA 3-Month U.S. Treasury Bill Index</b> (Reflects no deduction for fees, expenses or taxes)			
	5.25%	2.46%	1.77%

After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. Actual after-tax returns depend on the investor's tax situation and may differ from those shown, and the after-tax returns shown are not relevant to investors who hold their shares through tax-deferred arrangements, such as 401(k) plans or individual retirement accounts. After-tax returns are shown for Investor A Shares only, and the after-tax returns for Investor C and Institutional Shares will vary.

***Investment Manager***

The Fund's investment manager is BlackRock Advisors, LLC (previously defined as "BlackRock"). The Fund's sub-advisers are BlackRock International Limited and BlackRock (Singapore) Limited. Where applicable, the use of the term BlackRock also refers to the Fund's sub-advisers.

## Portfolio Managers

Portfolio Manager	Portfolio Manager of the Fund Since*	Title
Rick Rieder	2010*	Chief Investment Officer of Global Fixed Income, Head of Global Allocation Investment Team, member of the Global Executive Committee, Global Operating Committee and Chairman of the BlackRock, Inc. firmwide Investment Council
David Rogal	2017*	Managing Director of BlackRock, Inc.
Russ Brownback	2022	Managing Director of BlackRock, Inc.

\* Includes management of the Predecessor Fund.

## Purchase and Sale of Fund Shares

You may purchase or redeem shares of the Fund each day the New York Stock Exchange is open. To purchase or sell shares you should contact your Financial Intermediary, or, if you hold your shares through the Fund, you should contact the Fund by phone at (800) 441-7762, by mail (c/o BlackRock Funds, P.O. Box 534429, Pittsburgh, Pennsylvania 15253-4429), or by the Internet at [www.blackrock.com](http://www.blackrock.com). The Fund's initial and subsequent investment minimums generally are as follows, although the Fund may reduce or waive the minimums in some cases:

	Investor A and Investor C Shares	Institutional Shares
<b>Minimum Initial Investment</b>	<p>\$1,000 for all accounts except:</p> <ul style="list-style-type: none"> <li>• \$50, if establishing an Automatic Investment Plan.</li> <li>• There is no investment minimum for employer-sponsored retirement plans (not including SEP IRAs, SIMPLE IRAs or SARSEPs).</li> <li>• There is no investment minimum for certain fee-based programs.</li> </ul>	<p>There is no minimum initial investment for:</p> <ul style="list-style-type: none"> <li>• Employer-sponsored retirement plans (not including SEP IRAs, SIMPLE IRAs or SARSEPs), state sponsored 529 college savings plans, collective trust funds, investment companies or other pooled investment vehicles, unaffiliated thrifts and unaffiliated banks and trust companies, each of which may purchase shares of the Fund through a Financial Intermediary that has entered into an agreement with the Fund's distributor to purchase such shares.</li> <li>• Clients of Financial Intermediaries that: (i) charge such clients a fee for advisory, investment consulting, or similar services or (ii) have entered into an agreement with the Fund's distributor to offer Institutional Shares through a no-load program or investment platform.</li> <li>• Clients investing through a self-directed IRA brokerage account program sponsored by a retirement plan record-keeper, provided that such program offers only mutual fund options and that the program maintains an account with the Fund on an omnibus basis.</li> </ul> <p>\$2 million for individuals and "Institutional Investors," which include, but are not limited to, endowments, foundations, family offices, local, city, and state governmental institutions, corporations and insurance company separate accounts who may purchase shares of the Fund through a Financial Intermediary that has entered into an agreement with the Fund's distributor to purchase such shares.</p> <p>\$1,000 for:</p> <ul style="list-style-type: none"> <li>• Clients investing through Financial Intermediaries that offer such shares on a platform that charges a transaction based sales commission outside of the Fund.</li> <li>• Tax-qualified accounts for insurance agents that are registered representatives of an insurance company's broker-dealer that has entered into an</li> </ul>

	<b>Investor A and Investor C Shares</b>	<b>Institutional Shares</b>
<b>Minimum Initial Investment (continued)</b>		agreement with the Fund's distributor to offer Institutional Shares, and the family members of such persons.
<b>Minimum Additional Investment</b>	\$50 for all accounts (with the exception of certain employer-sponsored retirement plans which may have a lower minimum).	No subsequent minimum.

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### ***Tax Information***

The Fund's dividends and distributions may be subject to U.S. federal income taxes and may be taxed as ordinary income or capital gains, unless you are a tax-exempt investor or are investing through a qualified tax-exempt plan described in section 401(a) of the Internal Revenue Code, in which case you may be subject to U.S. federal income tax when distributions are received from such tax-deferred arrangements.

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### ***Payments to Broker/Dealers and Other Financial Intermediaries***

If you purchase shares of the Fund through a Financial Intermediary, the Fund and BlackRock Investments, LLC, the Fund's distributor, or its affiliates may pay the Financial Intermediary for the sale of Fund shares and related services.

These payments may create a conflict of interest by influencing the Financial Intermediary and your individual financial professional to recommend the Fund over another investment.

Ask your individual financial professional or visit your Financial Intermediary's website for more information.

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