

BlackRock Advantage U.S. Total Market Fund, Inc.

BlackRock Allocation Target Shares

BATS: Series A Portfolio
BATS: Series C Portfolio
BATS: Series E Portfolio
BATS: Series M Portfolio
BATS: Series P Portfolio
BATS: Series S Portfolio

BlackRock Asian Dragon Fund, Inc.

BlackRock Balanced Capital Fund, Inc.

BlackRock Basic Value Fund, Inc.

BlackRock Bond Fund, Inc.

BlackRock Total Return Fund

BlackRock California Municipal Series Trust

BlackRock California Municipal Opportunities Fund

BlackRock Capital Appreciation Fund, Inc.

BlackRock Emerging Markets Fund, Inc.

BlackRock Equity Dividend Fund

BlackRock EuroFund

BlackRock Financial Institutions Series Trust

BlackRock Summit Cash Reserves Fund

BlackRock FundsSM

BlackRock Commodity Strategies Fund
BlackRock Emerging Markets Equity Strategies Fund
BlackRock Energy Opportunities Fund
BlackRock Exchange Portfolio
BlackRock Health Sciences Opportunities Portfolio
BlackRock High Equity Income Fund
BlackRock International Dividend Fund
BlackRock Liquid Environmentally Aware Fund
BlackRock Mid-Cap Growth Equity Portfolio
BlackRock Money Market Portfolio
BlackRock Real Estate Securities Fund
BlackRock Short Obligations Fund
BlackRock Tactical Opportunities Fund
BlackRock Technology Opportunities Fund
BlackRock Total Factor Fund
iShares Developed Real Estate Index Fund

iShares Edge MSCI Min Vol EAFE Index Fund
iShares Edge MSCI Min Vol USA Index Fund
iShares Edge MSCI Multifactor Intl Index Fund
iShares Edge MSCI Multifactor USA Index Fund
iShares Municipal Bond Index Fund
iShares Russell Mid-Cap Index Fund
iShares Russell Small/Mid-Cap Index Fund
iShares Short-Term TIPS Bond Index Fund
iShares Total U.S. Stock Market Index Fund

BlackRock Funds II

BlackRock 20/80 Target Allocation Fund
BlackRock 40/60 Target Allocation Fund
BlackRock 60/40 Target Allocation Fund
BlackRock 80/20 Target Allocation Fund
BlackRock Dynamic High Income Portfolio
BlackRock Global Dividend Portfolio
BlackRock LifePath[®] Smart Beta Retirement Fund
BlackRock LifePath[®] Smart Beta 2025 Fund
BlackRock LifePath[®] Smart Beta 2030 Fund
BlackRock LifePath[®] Smart Beta 2035 Fund
BlackRock LifePath[®] Smart Beta 2040 Fund
BlackRock LifePath[®] Smart Beta 2045 Fund
BlackRock LifePath[®] Smart Beta 2050 Fund
BlackRock LifePath[®] Smart Beta 2055 Fund
BlackRock LifePath[®] Smart Beta 2060 Fund
BlackRock LifePath[®] Smart Beta 2065 Fund
BlackRock Managed Income Fund
BlackRock Multi-Asset Income Portfolio

BlackRock Funds III

BlackRock Cash Funds: Institutional
BlackRock Cash Funds: Treasury
BlackRock LifePath[®] Dynamic Retirement Fund
BlackRock LifePath[®] Dynamic 2025 Fund
BlackRock LifePath[®] Dynamic 2030 Fund
BlackRock LifePath[®] Dynamic 2035 Fund
BlackRock LifePath[®] Dynamic 2040 Fund
BlackRock LifePath[®] Dynamic 2045 Fund
BlackRock LifePath[®] Dynamic 2050 Fund
BlackRock LifePath[®] Dynamic 2055 Fund
BlackRock LifePath[®] Dynamic 2060 Fund
BlackRock LifePath[®] Dynamic 2065 Fund
BlackRock LifePath[®] Index Retirement Fund
BlackRock LifePath[®] Index 2025 Fund
BlackRock LifePath[®] Index 2030 Fund
BlackRock LifePath[®] Index 2035 Fund
BlackRock LifePath[®] Index 2040 Fund
BlackRock LifePath[®] Index 2045 Fund
BlackRock LifePath[®] Index 2050 Fund
BlackRock LifePath[®] Index 2055 Fund

BlackRock LifePath® Index 2060 Fund
BlackRock LifePath® Index 2065 Fund
iShares MSCI Total International Index Fund
iShares Russell 1000 Large-Cap Index Fund
iShares S&P 500 Index Fund
iShares U.S. Aggregate Bond Index Fund

BlackRock Funds IV

BlackRock Global Long/Short Credit Fund

BlackRock Funds V

BlackRock Core Bond Portfolio
BlackRock Credit Strategies Income Fund
BlackRock Emerging Markets Bond Fund
BlackRock Emerging Markets Flexible
Dynamic Bond Portfolio
BlackRock Floating Rate Income Portfolio
BlackRock GNMA Portfolio
BlackRock High Yield Bond Portfolio
BlackRock Inflation Protected Bond Portfolio
BlackRock Low Duration Bond Portfolio
BlackRock Strategic Income Opportunities
Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Global Allocation Fund, Inc.

BlackRock Index Funds, Inc.

iShares MSCI EAFE International Index Fund
iShares Russell 2000 Small-Cap Index Fund

BlackRock Large Cap Focus Growth Fund, Inc.

BlackRock Large Cap Series Funds, Inc.

BlackRock Event Driven Equity Fund

BlackRock Latin America Fund, Inc.

BlackRock Liquidity Funds

California Money Fund
Federal Trust Fund
FedFund
MuniCash
MuniFund
New York Money Fund
TempCash
TempFund
T-Fund
Treasury Trust Fund

BlackRock Long-Horizon Equity Fund

BlackRock Mid Cap Dividend Series, Inc.

BlackRock Mid Cap Dividend Fund

BlackRock Multi-State Municipal Series Trust

BlackRock New Jersey Municipal Bond Fund
BlackRock New York Municipal Opportunities
Fund
BlackRock Pennsylvania Municipal Bond Fund

BlackRock Municipal Bond Fund, Inc.

BlackRock High Yield Municipal Fund
BlackRock National Municipal Fund
BlackRock Short-Term Municipal Fund

BlackRock Municipal Series Trust

BlackRock Strategic Municipal Opportunities
Fund

BlackRock Natural Resources Trust

BlackRock Series Fund, Inc.

BlackRock Advantage Large Cap Core Portfolio
BlackRock Balanced Capital Portfolio
BlackRock Capital Appreciation Portfolio
BlackRock Global Allocation Portfolio
BlackRock Government Money Market
Portfolio

BlackRock Series Fund II, Inc.

BlackRock High Yield Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Series, Inc.

BlackRock International Fund

BlackRock Strategic Global Bond Fund, Inc.

BlackRock Variable Series Funds, Inc.

BlackRock 60/40 Target Allocation ETF V.I.
Fund
BlackRock Advantage Large Cap Core V.I.
Fund
BlackRock Advantage Large Cap Value V.I.
Fund
BlackRock Advantage U.S. Total Market V.I.
Fund
BlackRock Basic Value V.I. Fund
BlackRock Capital Appreciation V.I. Fund
BlackRock Equity Dividend V.I. Fund

BlackRock Global Allocation V.I. Fund
BlackRock Government Money Market V.I. Fund
BlackRock International Index V.I. Fund
BlackRock International V.I. Fund
BlackRock Large Cap Focus Growth V.I. Fund
BlackRock Managed Volatility V.I. Fund
BlackRock S&P 500 Index V.I. Fund
BlackRock Small Cap Index V.I. Fund

BlackRock Variable Series Funds II, Inc.

BlackRock High Yield V.I. Fund
BlackRock Total Return V.I. Fund
BlackRock U.S. Government Bond V.I. Fund

Funds For Institutions Series

BlackRock Premier Government Institutional Fund
BlackRock Select Treasury Strategies Institutional Fund

BlackRock Treasury Strategies Institutional Fund
FFI Government Fund
FFI Treasury Fund

Managed Account Series

BlackRock GA Disciplined Volatility Equity Fund
BlackRock GA Dynamic Equity Fund

Managed Account Series II

BlackRock U.S. Mortgage Portfolio

Ready Assets Government Liquidity Fund

Retirement Series Trust

Retirement Reserves Money Fund

(each, a “Fund” and collectively, the “Funds”)

Supplement dated March 10, 2020 to the Summary Prospectus(es) and Prospectus(es) of each Fund

The section of each Fund’s Summary Prospectus(es) entitled “Key Facts About [the Fund] — Principal Risks of Investing in the Fund,” the section of each Fund’s Prospectus(es) entitled “Fund Overview — Key Facts About [the Fund] — Principal Risks of Investing in the Fund” and the section of each Fund’s Prospectus(es) entitled “Details About the Fund[s] — Investment Risks — Principal Risks of Investing in the Fund” or “Details About the Fund — Investment Risks — Other Principal Risks of Investing in the Fund and/or an Underlying ETF” are amended to delete “Market Risk and Selection Risk” or “Market Risk”, as applicable, in its entirety and to replace it with the following:

- **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 issue, 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.

Shareholders should retain this Supplement for future reference.

PR2-CORONA2-0320SUP

BLACKROCK FUNDSSM
BlackRock Total Factor Fund
(the “Fund”)

**Supplement dated February 7, 2020 to the
Summary Prospectuses, Prospectuses and Statement of Additional Information (“SAI”) of the Fund,
each dated November 27, 2019, as supplemented**

The Fund currently operates as a diversified fund under the Investment Company Act of 1940, as amended.

Accordingly, effective immediately, the following changes are made to the Fund’s Summary Prospectuses, Prospectuses and SAI, as applicable:

The last paragraph in the section of each Summary Prospectus entitled “Key Facts About BlackRock Total Factor Fund — Principal Investment Strategies of the Fund” and the last paragraph in the sections of each Prospectus entitled “Fund Overview — Key Facts About BlackRock Total Factor Fund — Principal Investment Strategies of the Fund” and “Details About the Fund — How the Fund Invests — Principal Investment Strategies” are deleted in their entirety.

The section of each Summary Prospectus entitled “Key Facts About BlackRock Total Factor Fund — Principal Risks of Investing in the Fund” and the sections of each Prospectus entitled “Fund Overview — Key Facts About BlackRock Total Factor Fund — Principal Risks of Investing in the Fund,” and “Details About the Fund — Investment Risks — Principal Risks of Investing in the Fund” are amended to delete “Non-Diversification Risk.”

The second paragraph of the section of the SAI entitled “Investment Objective and Policies” is deleted in its entirety and replaced with the following:

The Fund is classified as a diversified fund under the Investment Company Act of 1940, as amended (the “Investment Company Act”).

The following is inserted immediately after the fifth paragraph of the section of the SAI entitled “Investment Restrictions — Notations Regarding the Fund’s Fundamental Investment Restrictions”:

The Fund is currently classified as a diversified fund under the Investment Company Act. This means that the Fund may not purchase securities of an issuer (other than (i) obligations issued or guaranteed by the U.S. Government, its agencies or instrumentalities and (ii) securities of other investment companies) if, with respect to 75% of its total assets, (a) more than 5% of the Fund’s total assets would be invested in securities of that issuer or (b) the Fund would hold more than 10% of the outstanding voting securities of that issuer. With respect to the remaining 25% of its total assets, the Fund can invest more than 5% of its assets in one issuer. Under the Investment Company Act, the Fund cannot change its classification from diversified to non-diversified without shareholder approval.

The first paragraph of the section of the SAI entitled “Additional Information — The Trust” is deleted in its entirety and replaced with the following:

The Trust was organized as a Massachusetts business trust on December 22, 1988, and is registered under the Investment Company Act as an open end management investment company. Effective January 31, 1998, the Trust changed its name from Compass Capital FundsSM to BlackRock FundsSM. The Fund is classified as diversified. The Trust is authorized to issue an unlimited number of shares of beneficial interest with a par value of \$0.001 per share, which may be divided into different series and classes.

Shareholders should retain this Supplement for future reference.

Summary Prospectus

BlackRock FundsSM | Investor and Institutional Shares

- **BlackRock Total Factor Fund**

Investor A: BSTAX • Investor C: BSTCX • Institutional: BSTIX

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 <http://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, or from your financial professional. The Fund's prospectus and statement of additional information, both dated November 27, 2019, as amended and supplemented from time to time, are incorporated by reference into (legally made a part of) this Summary Prospectus.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the Fund's shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports from BlackRock or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

You may elect to receive all future reports in paper free of charge. If you hold accounts directly with BlackRock, you can call (800) 441-7762 to inform BlackRock that you wish to continue receiving paper copies of your shareholder reports. If you hold accounts through a financial intermediary, you can follow the instructions included with this disclosure, if applicable, or contact your financial intermediary to request that you continue to receive paper copies of your shareholder reports. Please note that not all financial intermediaries may offer this service. Your election to receive reports in paper will apply to all funds advised by BlackRock Advisors, LLC, BlackRock Fund Advisors or their affiliates, or all funds held with your financial intermediary, as applicable.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive electronic delivery of shareholder reports and other communications by: (i) accessing the BlackRock website at www.blackrock.com/edelivery and logging into your accounts, if you hold accounts directly with BlackRock, or (ii) contacting your financial intermediary, if you hold accounts through a financial intermediary. Please note that not all financial intermediaries may offer this service.

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 Total Factor Fund

Investment Objective

The investment objective of BlackRock Total Factor Fund (“Total Factor Fund” or the “Fund”), a series of BlackRock FundsSM (the “Trust”), is to seek total return.

Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay if you buy and hold shares of the Fund. 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 Advisors, LLC (“BlackRock”) or its affiliates. More information about these and other discounts is available from your financial professional or your selected securities dealer, broker, investment adviser, service provider or industry professional (including BlackRock and its affiliates) (each a “Financial Intermediary”) and in the “Details About the Share Classes” and the “Intermediary-Defined Sales Charge Waiver Policies” sections on pages 28 and A-1, respectively, of the Fund’s prospectus and in the “Purchase of Shares” section on page II-84 of Part II of the Fund’s Statement of Additional Information.

Shareholder Fees (fees paid directly from your investment)	Investor A Shares	Investor C Shares	Institutional Shares
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	5.25%	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of offering price or redemption proceeds, whichever is lower)	None ¹	1.00% ²	None
Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)	Investor A Shares	Investor C Shares	Institutional Shares
Management Fee ³	0.50%	0.50%	0.50%
Distribution and/or Service (12b-1) Fees	0.25%	1.00%	None
Other Expenses ⁵	0.90%	0.97%	0.79%
Other Expenses of the Fund	0.90%	0.97%	0.79%
Other Expenses of the Subsidiary ⁵	—	—	—
Acquired Fund Fees and Expenses ⁴	0.01%	0.01%	0.01%
Total Annual Fund Operating Expenses ⁴	1.66%	2.48%	1.30%
Fee Waivers and/or Expense Reimbursements ^{3,6}	(0.85)%	(0.92)%	(0.74)%
Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements ^{3,6}	0.81%	1.56%	0.56%

¹ A contingent deferred sales charge (“CDSC”) of 1.00% is assessed on certain redemptions of Investor A Shares made within 18 months after purchase where no initial sales charge was paid at time of purchase as part of an investment of \$1,000,000 or more.

² There is no CDSC on Investor C Shares after one year.

³ As described in the “Management of the Fund” section of the Fund’s prospectus beginning on page 44, BlackRock has contractually agreed to waive the management fee with respect to any portion of the Fund’s assets estimated to be attributable to investments in other equity and fixed-income mutual funds and exchange-traded funds managed by BlackRock or its affiliates that have a contractual management fee, through November 30, 2020. 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 November 30, 2020. The contractual agreements 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.

⁴ 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 report, which do not include Acquired Fund Fees and Expenses.

⁵ The Other Expenses of the BlackRock Cayman Strategic Risk Allocation Fund, Ltd. (the “Subsidiary”) were less than 0.01% for the most recent fiscal year.

⁶ As described in the “Management of the Fund” section of the Fund’s prospectus beginning on page 44, 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) as a percentage of average daily net assets to 0.80% (for Investor A Shares), 1.55% (for Investor C Shares) and 0.55% (for Institutional Shares) through November 30, 2020. The Fund may have to repay some of these waivers and/or reimbursements to BlackRock in the following two years, and such repayment will terminate on December 27, 2019. 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	\$603	\$942	\$1,304	\$2,320
Investor C Shares	\$259	\$685	\$1,238	\$2,747
Institutional Shares	\$ 57	\$339	\$ 642	\$1,503

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

	1 Year	3 Years	5 Years	10 Years
Investor C Shares	\$159	\$685	\$1,238	\$2,747

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. For the fiscal year ended July 31, 2019, the Fund's portfolio turnover rate was 74% of the average value of its portfolio.

Principal Investment Strategies of the Fund

Total Factor Fund seeks to achieve its investment objective by investing in a broad range of global asset classes, such as equity securities (which may include derivative instruments that are tied economically to equity securities), fixed and floating rate debt instruments, derivatives, other investment companies, including exchange-traded funds ("ETFs"), real estate investment trusts ("REITs") and commodity-related instruments. The Fund will have flexibility with respect to the relative weighting of each asset class to produce total return and reduce risk.

The Fund applies a factor-based approach to portfolio construction to seek to more efficiently generate total return from a risk/return perspective than a traditional combination of equity and fixed-income securities. Through its research, BlackRock has identified macro and style factors that drive returns across and within asset classes. BlackRock uses this research to determine the ideal allocations of the portfolio with reference to these factors and translates those allocations into asset classes. Such allocation across a range of asset classes and factors is expected to result in greater diversification and lower risk than a portfolio consisting solely of global equity securities. In determining the appropriate allocation across asset classes, the Fund will seek to manage exposure to macroeconomic factors, including, but not limited to, interest rates and economic growth and style factors, including, but not limited to, value, momentum, carry, and defensive factors. Allocations are computed not only in terms of capital but also in terms of risk in order to avoid any overconcentration in any particular factor and to broaden the sources of potential returns.

The Fund will normally invest in both U.S. and non-U.S. companies, including companies located in emerging markets and in securities denominated in both U.S. dollars and foreign currencies. Equity securities include common stock, preferred stock, securities convertible into common stock, non-convertible preferred stock and depositary receipts. The Fund may invest in securities of issuers of any market capitalization.

The Fund's investment in debt securities may include fixed and floating rate government and corporate bonds and other fixed-income instruments, such as medium term notes. The Fund may invest in debt securities of any credit quality, as determined by Fund management, which may include high yield securities (commonly called "junk bonds").

The Fund may invest in derivatives, including but not limited to, total return swaps (some of which may be referred to as contracts for difference), credit default swaps, interest rate swaps, options, futures, options on futures and swaps and foreign exchange transactions, for hedging purposes, as well as to enhance the return on its portfolio investments. There is no limit to the Fund's ability to invest in derivatives. The Fund may engage in short sales of securities either to hedge against potential declines in the value of a security held in the portfolio or to realize appreciation when a security the Fund does not own declines in value.

The Fund may invest in other investment companies, including ETFs, which may be affiliated with BlackRock.

With respect to its cash investments, the Fund may hold high quality U.S. and non-U.S. money market securities, including, among others, short term U.S. Government securities, U.S. Government agency securities, securities issued by U.S. Government-sponsored enterprises and U.S. Government instrumentalities, short-term obligations of foreign issuers, bank obligations, commercial paper, including asset-backed commercial paper, corporate notes, repurchase agreements and obligations of supranational organizations. The Fund may invest a significant portion of its assets in money market funds, including those advised by BlackRock or its affiliates.

The Fund may invest in U.S. and non-U.S. REITs and other real estate related securities.

The Fund may invest in commodity-related instruments. The Fund may make such investments through investments in BlackRock Cayman Strategic Risk Allocation Fund, Ltd. (the "Subsidiary"), a wholly-owned subsidiary of the Fund formed in the Cayman Islands, which invests primarily in commodity-related instruments and other derivatives. The Fund will not invest more than 25% of its total assets (measured at the time of investment) in the Subsidiary.

The Fund is a non-diversified fund, which means that it can invest more of its assets in fewer companies than a diversified fund.

Principal Risks of Investing in the Fund

Risk is inherent in all investing. The value of your investment in Total Factor 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 the principal risks of investing in the Fund. The order of the below risk factors does not indicate the significance of any particular risk factor.

■ **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 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 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.

■ **Debt Securities Risk** — Debt securities, such as bonds, involve interest rate risk, credit risk, extension risk, and prepayment risk, among other things.

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 due to the current period of historically low 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%. 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.

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.

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.

■ **Depository Receipts Risk** — Depository receipts are generally subject to the same risks as the foreign securities that they evidence or into which they may be converted. In addition to investment risks associated with the underlying issuer, depository receipts expose the Fund to additional risks associated with the non-uniform terms that apply to depository receipt programs, credit exposure to the depository bank and to the sponsors and other parties with whom the depository bank establishes the programs, currency risk and the risk of an illiquid market for depository receipts. The issuers of unsponsored depository receipts are not obligated to disclose information that is, in the United States, considered material. Therefore, there may be less information available regarding these issuers and there may not be a correlation between such information and the market value of the depository receipts.

■ **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:

Volatility 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.

Counterparty Risk — Derivatives are also subject to counterparty risk, which is the risk that the other party in the transaction will not fulfill its contractual obligation.

Market and 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.

Valuation Risk — 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.

Regulatory Risk — Derivative contracts, including, without limitation, swaps, currency forwards and non-deliverable forwards, are subject to regulation under the Dodd-Frank Wall Street Reform and Consumer Protection Act (the "Dodd-Frank Act") in the United States and under comparable regimes in Europe, Asia and other non-U.S. jurisdictions. Under the Dodd-Frank Act, certain derivatives are subject to margin requirements and swap dealers are required to collect margin from the Fund with respect to such derivatives. Specifically, regulations are now in effect that require swap dealers to post and collect variation margin (comprised of specified liquid instruments and subject to a required haircut) in connection with trading of over-the-counter ("OTC") swaps with the Fund. Shares of investment companies (other than certain money market funds) may not be posted as collateral under these regulations. Requirements for posting of initial margin in connection with OTC swaps will be phased-in through 2020. In addition, regulations adopted by global prudential regulators that are now in effect require certain bank-regulated counterparties and certain of their affiliates to include in certain financial contracts, including many derivatives contracts, terms that delay or restrict the rights of counterparties, such as the Fund, to terminate such

contracts, foreclose upon collateral, exercise other default rights or restrict transfers of credit support in the event that the counterparty and/or its affiliates are subject to certain types of resolution or insolvency proceedings. The implementation of these requirements with respect to derivatives, as well as regulations under the Dodd-Frank Act regarding clearing, mandatory trading and margining of other derivatives, may increase the costs and risks to the Fund of trading in these instruments and, as a result, may affect returns to investors in the Fund.

Risks Specific to Certain Derivatives Used by the Fund

Forward Foreign Currency Exchange Contracts — Forward foreign currency exchange transactions are OTC contracts to purchase or sell a specified amount of a specified currency or multinational currency unit at a price and future date set at the time of the contract. Forward foreign currency exchange contracts do not eliminate fluctuations in the value of non-U.S. securities but rather allow the Fund to establish a fixed rate of exchange for a future point in time. This strategy can have the effect of reducing returns and minimizing opportunities for gain.

- **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.
- **Equity Securities Risk** — Stock markets are volatile. The price of equity securities fluctuates based on changes in a company's financial condition and overall market and economic conditions.
- **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 may prohibit or impose substantial restrictions on foreign investments in their capital markets or in certain industries.
 - 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 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. These events may spread to other countries in Europe. These events may affect the value and liquidity of certain of the Fund's investments.
- **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). 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.
- **Junk 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.
- **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 any required asset segregation requirements. 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. 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.

- **Mid Cap Securities Risk** — The securities of mid cap companies generally trade in lower volumes and are generally subject to greater and less predictable price changes than the securities of larger capitalization companies.
- **Money Market Securities Risk** — If market conditions improve while the Fund has invested some or all of its assets in high quality money market securities, this strategy could result in reducing the potential gain from the market upswing, thus reducing the Fund's opportunity to achieve its investment objective.
- **Non-Diversification Risk** — The Fund is a non-diversified fund. Because the Fund may invest in securities of a smaller number of issuers, it may be more exposed to the risks associated with and developments affecting an individual issuer than a fund that invests more widely.
- **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, 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.
- **REIT Investment Risk** — Investments in REITs involve unique risks. REITs may have limited financial resources, may trade less frequently and in limited volume, may engage in dilutive offerings of securities and may be more volatile than other securities. REIT issuers may also fail to maintain their exemptions from investment company registration or fail to qualify for the "dividends paid deduction" under the Internal Revenue Code of 1986, as amended, which allows REITs to reduce their corporate taxable income for dividends paid to their shareholders.
- **Repurchase Agreements Risk** — If the other party to a repurchase agreement 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 and the market value of the security declines, the Fund may lose money.
- **Short Sales Risk** — Because making short sales in securities that it does not own exposes the Fund to the risks associated with those securities, such short sales involve speculative exposure risk. The Fund will incur a loss as a result of a short sale if the price of the security increases between the date of the short sale and the date on which the Fund replaces the security sold short.
- **Sovereign Debt Risk** — Sovereign debt instruments are subject to the risk that a governmental entity may delay or refuse to pay interest or repay principal on its sovereign debt, due, for example, to cash flow problems, insufficient foreign currency reserves, political considerations, the relative size of the governmental entity's debt position in relation to the economy or the failure to put in place economic reforms required by the International Monetary Fund or other multilateral agencies.
- **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 Investments Risk" 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 of 1940, as amended (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.

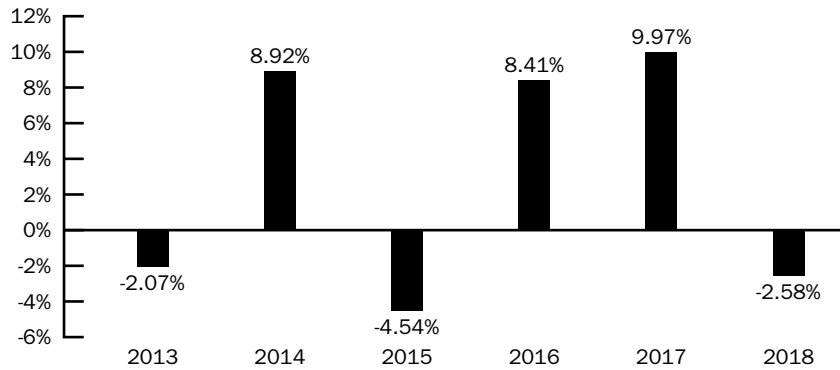
- **Supranational Entities Risk** — The Fund may invest in obligations issued or guaranteed by the International Bank for Reconstruction and Development (the “World Bank”). The government members, or “stockholders,” usually make initial capital contributions to the World Bank and in many cases are committed to make additional capital contributions if the World Bank is unable to repay its borrowings. There is no guarantee that one or more stockholders of the World Bank will continue to make any necessary additional capital contributions. If such contributions are not made, the entity may be unable to pay interest or repay principal on its debt securities, and the Fund may lose money on such investments.
- **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.
- **U.S. Government Obligations Risk** — Certain securities in which the Fund may invest, including securities issued by certain U.S. Government agencies and U.S. Government sponsored enterprises, are not guaranteed by the U.S. Government or supported by the full faith and credit of the United States.
- **Variable and Floating Rate Instrument Risk** — Variable and floating rate securities provide for periodic adjustment in the interest rate paid on the securities. These securities may be subject to greater illiquidity risk than other fixed income securities, meaning the absence of an active market for these securities could make it difficult for the Fund to dispose of them at any given time.
- **Volatility Risk** — Although the Fund intends to implement strategies designed to limit volatility during times of market stress, the effectiveness of these strategies may depend on particular market conditions and other factors that are beyond the control of Fund management. There can be no assurance that the Fund’s efforts to limit volatility will be successful or that any particular level of volatility will be achieved.

Performance Information

The Fund’s Annual Total Returns between December 27, 2012 (commencement of operations) and February 2, 2017 as reflected in the bar chart and the table are the returns of the Fund that followed a different investment process and different investment strategies under the name “BlackRock Strategic Risk Allocation Fund.”

The information shows you how the Fund’s performance has varied for the periods since inception and provides some indication of the risks of investing in the Fund. The table compares the Fund’s performance to that of the MSCI World Index Hedged USD Net, the Bloomberg Barclays U.S. Aggregate Bond Index, a customized weighted index comprised of the returns of the MSCI World Index Hedged USD Net (60%) and the Bloomberg Barclays U.S. Aggregate Bond Index (40%) and the ICE BofAML 3-Month U.S. Treasury Bill Index. Effective March 29, 2019, the Fund’s performance benchmarks against which the Fund measures its performance are amended to add the ICE BofAML 3-Month U.S. Treasury Bill Index as an additional benchmark of the Fund. Fund management believes that this change in the Fund’s performance benchmarks more accurately reflects the investment strategies of the Fund. 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 BlackRock 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 or can be obtained by phone at (800) 882-0052.

Investor A Shares
ANNUAL TOTAL RETURNS
BlackRock Total Factor Fund
As of 12/31



During the periods shown in the bar chart, the highest return for a quarter was 4.75% (quarter ended June 30, 2014) and the lowest return for a quarter was -8.11% (quarter ended June 30, 2013). The year-to-date return as of September 30, 2019 was 9.53%.

As of 12/31/18

Average Annual Total Returns

	1 Year	5 Years	Since Inception (December 27, 2012)
BlackRock Total Factor Fund — Investor A Shares			
Return Before Taxes	(7.69)%	2.73%	1.86%
Return After Taxes on Distributions	(8.67)%	1.35%	0.42%
Return After Taxes on Distributions and Sale of Fund Shares	(4.56)%	1.46%	0.75%
BlackRock Total Factor Fund — Investor C Shares			
Return Before Taxes	(4.34)%	3.05%	1.99%
BlackRock Total Factor Fund — Institutional Shares			
Return Before Taxes	(2.38)%	4.11%	3.03%
MSCI World Index Hedged USD Net (Reflects no deduction for fees, expenses or taxes)			
	(6.59)%	6.38%	9.83%
Bloomberg Barclays U.S. Aggregate Bond Index (Reflects no deduction for fees, expenses or taxes)			
	0.01%	2.52%	1.73%
MSCI World Index Hedged USD Net (60%)/Bloomberg Barclays U.S. Aggregate Bond Index (40%) (Reflects no deduction for fees, expenses or taxes)			
	(3.78)%	4.97%	6.66%
ICE BofAML 3-Month U.S. Treasury Bill Index (Reflects no deduction for fees, expenses or taxes)			
	1.87%	0.63%	0.53%

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-adviser is BlackRock International Limited (the "Sub-Adviser"). Where applicable, "BlackRock" refers also to the Sub-Adviser.

Portfolio Managers

Name	Portfolio Manager of the Fund Since	Title
Ked Hogan, PhD	2012	Managing Director of BlackRock, Inc.

Name	Portfolio Manager of the Fund Since	Title
Philip Hodges, PhD	2012	Managing Director of BlackRock, Inc.

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 9819, Providence, Rhode Island 02940-8019), or by the Internet at 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:

Minimum Initial Investment	Investor A and Investor C Shares	Institutional Shares
	\$1,000 for all accounts except: <ul style="list-style-type: none"> • \$50, if establishing an Automatic Investment Plan. • There is no investment minimum for employer-sponsored retirement plans (not including SEP IRAs, SIMPLE IRAs or SARSEPs). • There is no investment minimum for certain fee-based programs. 	There is no minimum initial investment for: <ul style="list-style-type: none"> • 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. • 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. \$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. \$1,000 for: <ul style="list-style-type: none"> • Clients investing through Financial Intermediaries that offer such shares on a platform that charges a transaction based sales commission outside of the Fund. • Tax-qualified accounts for insurance agents that are registered representatives of an insurance company's broker-dealer that has entered into an agreement with the Fund's distributor to offer Institutional Shares, and the family members of such persons.
Minimum Additional Investment	\$50 for all accounts (with the exception of certain employer-sponsored retirement plans which may have a lower minimum).	No subsequent minimum.

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 of 1986, as amended, in which case you may be subject to U.S. federal income tax when distributions are received from such tax-deferred arrangements.

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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