

BlackRock Advantage Global Fund, Inc.

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

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 Advantage Emerging Markets Fund

BlackRock Advantage ESG Emerging Markets Equity Fund

BlackRock Advantage ESG International Equity Fund

BlackRock Advantage ESG U.S. Equity Fund

BlackRock Advantage International Fund

BlackRock Advantage Large Cap Growth Fund

BlackRock Advantage Small Cap Core Fund

BlackRock Advantage Small Cap Growth Fund

BlackRock China A Opportunities Fund

BlackRock Commodity Strategies Fund

BlackRock Energy Opportunities Fund

BlackRock Global Impact Fund

BlackRock Global Long/Short Equity Fund

BlackRock Health Sciences Opportunities Portfolio

BlackRock High Equity Income Fund

BlackRock International Dividend Fund

BlackRock International Impact Fund

BlackRock Mid-Cap Growth Equity Portfolio

BlackRock Real Estate Securities Fund

BlackRock Short Obligations Fund

BlackRock Tactical Opportunities Fund

BlackRock Technology Opportunities Fund

BlackRock Total Emerging Markets Fund

BlackRock Total Factor Fund

BlackRock U.S. Impact 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 Managed Income Fund

BlackRock Multi-Asset Income Portfolio

BlackRock Retirement Income 2030 Fund

BlackRock Retirement Income 2040 Fund

BlackRock Funds III

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 Systematic ESG Bond Fund

BlackRock Systematic Multi-Strategy Fund

BlackRock Funds V

BlackRock Core Bond Portfolio

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 Income Fund
BlackRock Inflation Protected Bond Portfolio
BlackRock Low Duration Bond Portfolio
BlackRock Strategic Income Opportunities Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Funds VI

BlackRock CoreAlpha Bond Fund

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 Advantage Large Cap Core Fund
BlackRock Advantage Large Cap Value Fund
BlackRock Event Driven Equity Fund

BlackRock Latin America Fund, Inc.

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, Inc.

BlackRock International Fund

BlackRock Strategic Global Bond Fund, Inc.

Managed Account Series

BlackRock GA Disciplined Volatility Equity Fund
BlackRock GA Dynamic Equity Fund

Managed Account Series II

BlackRock U.S. Mortgage Portfolio

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

Supplement dated November 23, 2020 to the Institutional Shares Summary Prospectus of each Fund (each, a “Summary Prospectus”), as supplemented to date

Effective immediately, each Summary Prospectus is amended as follows:

In the section of each Summary Prospectus entitled “Purchase and Sale of Fund Shares,” the Institutional Shares column of the table is deleted in its entirety and replaced with the following:

Institutional Shares	
Minimum Initial Investment	<p>There is no minimum initial investment for:</p> <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. • 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. <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"> • 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	No subsequent minimum.

Shareholders should retain this Supplement for future reference.

SPRO-PSFS-1120SUP

BlackRock Advantage Global Fund, Inc.

BlackRock Allocation Target Shares

BATS: Series C 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 Emerging Markets Fund, Inc.

BlackRock Equity Dividend Fund

BlackRock EuroFund

BlackRock FundsSM

BlackRock Advantage Emerging Markets Fund

BlackRock Advantage International Fund

BlackRock Commodity Strategies Fund

BlackRock Energy Opportunities Fund

BlackRock Global Impact Fund

BlackRock Global Long/Short Equity Fund

BlackRock Health Sciences Opportunities
Portfolio

BlackRock High Equity Income Fund

BlackRock International Dividend Fund

BlackRock International Impact Fund

BlackRock Tactical Opportunities Fund

BlackRock Technology Opportunities Fund

BlackRock Total Emerging Markets Fund

BlackRock Total Factor Fund

BlackRock U.S. Impact Fund

iShares Developed Real Estate Index Fund

iShares Edge MSCI Min Vol EAFE Index Fund

iShares Edge MSCI Multifactor Intl 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 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

BlackRock Funds IV

BlackRock Global Long/Short Credit Fund

BlackRock Systematic ESG Bond Fund

BlackRock Systematic Multi-Strategy Fund

BlackRock Funds V

BlackRock Core Bond Portfolio

BlackRock Emerging Markets Bond Fund

BlackRock Emerging Markets Flexible

Dynamic Bond Portfolio

BlackRock Floating Rate Income Portfolio

BlackRock High Yield Bond Portfolio

BlackRock Income Fund

BlackRock Inflation Protected Bond Portfolio

BlackRock Low Duration Bond Portfolio

BlackRock Strategic Income Opportunities
Portfolio

BlackRock U.S. Government Bond Portfolio

BlackRock Funds VI

BlackRock CoreAlpha Bond Fund

BlackRock Global Allocation Fund, Inc.

BlackRock Index Funds, Inc.

iShares MSCI EAFE International 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 Long-Horizon Equity Fund

BlackRock Mid Cap Dividend Series, Inc.

BlackRock Mid Cap Dividend Fund

BlackRock Natural Resources Trust

BlackRock Series Fund, Inc.

BlackRock Balanced Capital Portfolio

BlackRock Global Allocation 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 Basic Value V.I. Fund

BlackRock Equity Dividend V.I. Fund

BlackRock Global Allocation 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 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

Managed Account Series

BlackRock GA Disciplined Volatility Equity Fund

BlackRock GA Dynamic Equity Fund

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

Supplement dated June 8, 2020 to the Summary Prospectus(es), as applicable, and Prospectus(es) of each Fund

Effective immediately, the Summary Prospectus(es), as applicable, and Prospectus(es) of each Fund are amended as follows:

The following is added to the risk factor entitled “Foreign Securities Risk” in the section of each Fund’s Summary Prospectus(es), as applicable, entitled “Key Facts About [the Fund] — Principal Risks of Investing in the Fund” or “Key Facts About [the Fund] — Principal Risks of Investing in the Fund, the Underlying Funds and/or the ETFs” and the section of each Fund’s Prospectus(es) entitled “Fund Overview — Key Facts About [the Fund] — Principal Risks of Investing in the Fund” or “Fund Overview — Key Facts About [the Fund] — Principal Risks of Investing in the Fund, the Underlying Funds and/or the ETFs,” as applicable:

- 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 following is added to the risk factor entitled “Foreign Securities Risk” in the section of each Fund’s Prospectus(es) entitled “Details About the Fund[s] — Investment Risks — Principal Risks of Investing in the Fund[s],” “Details About the Fund[s] — Investment Risks — Principal Risks of Investing in the Underlying ETFs,” “Details About the Fund[s] — Investment Risks — Principal Risks of Investing in the

Funds and the Underlying Funds,” “Details About the Fund[s] — Investment Risks — Principal Risks of Investing in the Fund, the Underlying Funds and/or the ETFs,” or “Details About the Fund[s] — A Further Discussion of Risk Factors — Principal Risks of the Underlying Funds,” as applicable:

Withholding Tax Reclaims Risk. The Fund may file claims to recover foreign withholding taxes on dividend and interest income (if any) received from issuers in certain countries and capital gains on the disposition of stocks or securities where such withholding tax reclaim is possible. Whether or when the Fund will receive a withholding tax refund is within the control of the tax authorities in such countries. Where the Fund expects to recover withholding taxes, the net asset value of the Fund generally includes accruals for such tax refunds. The Fund regularly evaluates the probability of recovery. If the likelihood of recovery 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. Shareholders in the Fund at the time an accrual is written down will bear the impact of the resulting reduction in net asset value regardless of whether they were shareholders during the accrual period. Conversely, if the Fund receives a tax refund that has not been previously accrued, shareholders in the Fund at the time of the successful recovery will benefit from the resulting increase in the Fund’s net asset value. Shareholders who sold their shares prior to such time will not benefit from such increase in the Fund’s net asset value.

Shareholders should retain this Supplement for future reference.

ALLPRO-TAX-0620SUP

BLACKROCK FUNDSSM
BlackRock Technology Opportunities Fund
(the “Fund”)

**Supplement dated June 1, 2020 to the Summary Prospectuses and the
Prospectuses of the Fund, each dated January 28, 2020, 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 Technology Opportunities Fund — Portfolio Manager” and the section of the Prospectuses entitled “Fund Overview — Key Facts About BlackRock Technology Opportunities Fund — Portfolio Manager” are deleted in their entirety and replaced with the following:

Portfolio Managers

Name	Portfolio Manager of the Fund Since	Title
Tony Kim	2013	Managing Director of BlackRock, Inc.
Reid Menge	2020	Director of BlackRock, Inc.

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

ABOUT THE PORTFOLIO MANAGEMENT TEAM OF THE FUND
The Fund is managed by a team of financial professionals. Tony Kim and Reid Menge are the portfolio managers and are jointly and primarily responsible for the day-to-day management of the Fund. 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:

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 SAI.

Portfolio Manager	Primary Role	Since	Title and Recent Biography
Tony Kim	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.	2013	Managing Director of BlackRock, Inc. since 2013; Senior Research Analyst at Artisan Partners from 2006 to 2013.
Reid Menge	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.	2020	Director of BlackRock, Inc. since 2020; Vice President of BlackRock, Inc. from 2014 to 2019; Associate Director of UBS from 2009 to 2013.

Shareholders should retain this Supplement for future reference.

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

Summary Prospectus

BlackRock FundsSM | Investor, Institutional and Class R Shares

- **BlackRock Technology Opportunities Fund**

Investor A: BGSAX • Investor C: BGSCX • Institutional: BGSIX • Class R: BGSRX

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 January 28, 2020, 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 has 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 Technology Opportunities Fund

Investment Objective

The investment objective of BlackRock Technology Opportunities Fund (the “Fund”), a series of BlackRock FundsSM (the “Trust”), is to provide long-term capital appreciation.

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 25 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	Class R Shares
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	5.25%	None	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	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	Class R Shares
Management Fees ³	0.80%	0.80%	0.80%	0.80%
Distribution and/or Service (12b-1) Fees	0.25%	1.00%	None	0.50%
Other Expenses	0.24%	0.22%	0.22%	0.30%
Acquired Fund Fees and Expenses ⁴	0.01%	0.01%	0.01%	0.01%
Total Annual Fund Operating Expenses ⁴	1.30%	2.03%	1.03%	1.61%
Fee Waivers and/or Expense Reimbursements ^{3,5}	(0.12)%	(0.10)%	(0.10)%	(0.18)%
Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements ^{3,5}	1.18%	1.93%	0.93%	1.43%

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 41, 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 January 31, 2021. 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 January 31, 2021. 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 As described in the “Management of the Fund” section of the Fund’s prospectus beginning on page 41, 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 1.17% (for Investor A Shares), 1.92% (for Investor C Shares), 0.92% (for Institutional Shares) and 1.42% (for Class R Shares) through January 31, 2021. 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	\$639	\$904	\$1,190	\$2,000
Investor C Shares	\$296	\$627	\$1,084	\$2,351
Institutional Shares	\$ 95	\$318	\$ 559	\$1,250
Class R Shares	\$146	\$490	\$ 859	\$1,896

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

	1 Year	3 Years	5 Years	10 Years
Investor C Shares	\$196	\$627	\$1,084	\$2,351

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 33% of the average value of its portfolio.

Principal Investment Strategies of the Fund

Under normal market conditions, the Fund invests at least 80% of its net assets, plus the amount of any borrowings for investment purposes, in equity securities issued by U.S. and non-U.S. technology companies in all market capitalization ranges, selected for their rapid and sustainable growth potential from the development, advancement and use of technology.

Technology companies may include those companies in the businesses of, among others: software, IT consulting, IT services, interactive home entertainment, interactive media and services, networking equipment, telecom services, communications equipment, technology hardware, storage and peripherals, electronic equipment, instruments and components, semiconductors and semiconductor equipment, and internet and direct marketing retail. The Fund may invest in both developed and emerging markets.

The Fund seeks to invest primarily in common stock but may also invest in preferred stock and convertible securities. The Fund may also invest in Rule 144A securities, which are privately placed securities purchased by qualified institutional buyers. From time to time the Fund may invest in shares of companies through initial public offerings ("IPOs").

The Fund may, when consistent with the Fund's investment objective, buy or sell options or futures on a security or an index of securities and may buy options on a currency or a basket of currencies, or enter into foreign currency transactions, including swaps (collectively, commonly known as derivatives). An option is the right to buy or sell a security or an index of securities at a specific price on or before a specific date. A future is an agreement to buy or sell a security or an index of securities at a specific price on a specific date. A swap is an agreement whereby one party exchanges its right to receive or its obligation to pay one type of currency for another party's obligation to pay or its right to receive another type of currency in the future or for a period of time. 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 to enhance returns, 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. The Fund may also use forward foreign currency exchange contracts (obligations to buy or sell a currency at a set rate in the future).

Principal Risks of Investing in the Fund

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 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.

■ **Concentration Risk** — The Fund’s strategy of concentrating in technology and related companies means that its performance will be closely tied to the performance of a particular market segment. The Fund’s concentration in these companies may present more risks than if it were broadly diversified over numerous industries and sectors of the economy. A downturn in these companies would have a larger impact on the Fund than on a mutual fund that does not concentrate in such companies. At times, the performance of these companies will lag the performance of other industries or the broader market as a whole.

■ **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.

■ **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 at least 2021. 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.

- **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.
- **Geographic Concentration Risk** — From time to time the Fund may invest a substantial amount of its assets in issuers located in a single country or a limited number of countries. If the Fund concentrates its investments in this manner, it assumes the risk that economic, political and social conditions in those countries will have a significant impact on its investment performance. The Fund's investment performance may also be more volatile if it concentrates its investments in certain countries, especially emerging market countries.
- **Investment Style Risk** — Under certain market conditions, growth investments have performed better during the later stages of economic expansion. Therefore, this investment style may over time go in and out of favor. At times when the investment style used by the Fund is out of favor, the Fund may underperform other equity funds that use different investment styles.
- **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.
- **"New Issues" Risk** — "New issues" are IPOs of equity securities. Securities issued in IPOs have no trading history, and information about the companies may be available for very limited periods. In addition, the prices of securities sold in IPOs may be highly volatile or may decline shortly after the IPO.

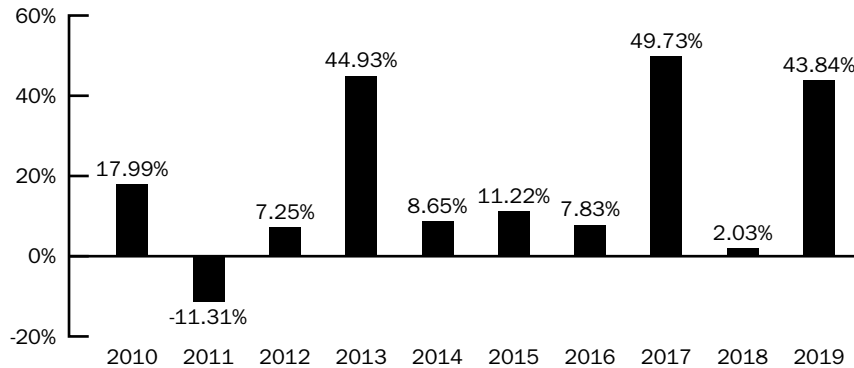
- **Preferred Securities Risk** — Preferred securities may pay fixed or adjustable rates of return. Preferred securities are subject to issuer-specific and market risks applicable generally to equity securities. In addition, a company's preferred securities generally pay dividends only after the company 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.
- **Purchase and Sale Contracts Risk** — If the other party to a 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 and the market value of the security declines, the Fund may lose money.
- **Restricted Securities Risk** — Limitations on the resale of restricted securities may have an adverse effect on their marketability, and may prevent the Fund from disposing of them promptly at advantageous prices. Restricted securities may not be listed on an exchange and may have no active trading market. In order to sell such securities, the Fund may have to bear the expense of registering the securities for resale and the risk of substantial delays in effecting the registration. Other transaction costs may be higher for restricted securities than unrestricted securities. Restricted securities may be difficult to value because market quotations may not be readily available, and the securities may have significant volatility. Also, the Fund may get only limited information about the issuer of a given restricted security, and therefore may be less able to predict a loss. Certain restricted securities may involve a high degree of business and financial risk and may result in substantial losses to the Fund.
- **Small Cap Securities Risk** — Small cap 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.
- **Technology Securities Risk** — Certain technology related companies may face special risks that their products or services may not prove to be commercially successful. Technology related companies are also strongly affected by worldwide scientific or technological developments. As a result, their products may rapidly become obsolete. Such companies are also often subject to governmental regulation and may, therefore, be adversely affected by governmental policies.

Performance Information

Effective December 30, 2017, the Fund changed its name, investment process and investment strategies. Performance for the periods prior to December 30, 2017 shown below is based on the investment process and investment strategies utilized by the Fund at that time under the name "BlackRock Science & Technology Opportunities Portfolio."

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 MSCI All-Country World Information Technology Index. 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 <http://www.blackrock.com> or can be obtained by phone at (800) 882-0052.

Investor A Shares
ANNUAL TOTAL RETURNS
BlackRock Technology Opportunities Fund
As of 12/31



During the ten-year period shown in the bar chart, the highest return for a quarter was 22.28% (quarter ended March 31, 2019) and the lowest return for a quarter was -18.32% (quarter ended December 31, 2018).

As of 12/31/19

Average Annual Total Returns

1 Year

5 Years

10 Years

BlackRock Technology Opportunities Fund — Investor A Shares			
Return Before Taxes	36.29%	20.08%	16.00%
Return After Taxes on Distributions	35.78%	19.42%	15.68%
Return After Taxes on Distributions and Sale of Fund Shares	21.81%	16.25%	13.57%
BlackRock Technology Opportunities Fund — Investor C Shares			
Return Before Taxes	41.75%	20.46%	15.67%
BlackRock Technology Opportunities Fund — Institutional Shares			
Return Before Taxes	44.23%	21.72%	16.99%
BlackRock Technology Opportunities Fund — Class R Shares			
Return Before Taxes	43.47%	21.06%	16.32%
MSCI All-Country World Information Technology Index (Reflects no deduction for fees, expenses or taxes)	46.89%	17.83%	15.05%

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, Institutional and Class R Shares will vary.

Investment Manager

The Fund's investment manager is BlackRock Advisors, LLC (previously defined as "BlackRock").

Portfolio Manager

Name	Portfolio Manager of the Fund Since	Title
Tony Kim	2013	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:

	Investor A and Investor C Shares	Institutional Shares	Class R Shares
Minimum Initial Investment	<p>\$1,000 for all accounts except:</p> <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. 	<p>There is no minimum initial investment for:</p> <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. <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"> • 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. 	<p>\$100 for all accounts.</p>
Minimum Additional Investment	<p>\$50 for all accounts (with the exception of certain employer-sponsored retirement plans which may have a lower minimum).</p>	<p>No subsequent minimum.</p>	<p>No subsequent minimum.</p>

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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