

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 Balanced Capital Fund, Inc.**BlackRock Bond Fund, Inc.**

BlackRock Total Return Fund

BlackRock FundsSM

BlackRock Tactical Opportunities Fund
BlackRock Total Emerging Markets Fund
BlackRock Total Factor 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 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 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 Large Cap Series Funds, Inc.**

BlackRock Event Driven Equity Fund

BlackRock Multi-State Municipal Series Trust

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 Municipal Series Trust

BlackRock Strategic Municipal Opportunities Fund

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 Strategic Global Bond Fund, Inc.**BlackRock Variable Series Funds, Inc.**

BlackRock Global Allocation 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

Managed Account Series II

BlackRock U.S. Mortgage Portfolio

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

Supplement dated August 5, 2020 to the Prospectus(es) of each Fund

Effective immediately, the Prospectus(es) of each Fund is amended as follows:

The section of each Fund’s Prospectus(es) entitled “Details About the Fund[s] — Investment Risks,” “Details About the Fund — Investment Risks — Other Risks of Investing in the Fund” or “Details About the Funds — A Further Discussion of Risk Factors — Other Risks of Investing in the Funds,” as applicable, is amended to add the following as an other risk:

LIBOR Risk — The Fund may be exposed to financial instruments that are tied to the London Interbank Offered Rate (“LIBOR”) to determine payment obligations, financing terms, hedging strategies or investment value. The Fund’s investments may pay interest at floating rates based on LIBOR or may be subject to interest caps or floors based on LIBOR. The Fund may also obtain financing at floating rates based on LIBOR. Derivative instruments utilized by the Fund may also reference LIBOR.

In 2017, the head of the United Kingdom’s Financial Conduct Authority announced a desire to phase out the use of LIBOR by the end of 2021, and it is expected that LIBOR will cease to be published after that time. The Fund may have investments linked to other interbank offered rates, such as the Euro Overnight Index Average (“EONIA”), which may also cease to be published. Various financial industry groups have begun planning for the transition away from LIBOR, but there are challenges to converting certain securities and transactions to a new reference rate (e.g., the Secured Overnight Financing Rate (“SOFR”), which is intended to replace the U.S. dollar LIBOR).

Neither the effect of the LIBOR transition process nor its ultimate success can yet be known. The transition process might lead to increased volatility and illiquidity in markets for, and reduce the effectiveness of new hedges placed against, instruments whose terms currently include LIBOR. While some existing LIBOR-based instruments may contemplate a scenario where LIBOR is no longer available by providing for an alternative rate-setting methodology, there may be significant uncertainty regarding the effectiveness of any such alternative methodologies to replicate LIBOR. Not all existing LIBOR-based instruments may have alternative rate-setting provisions and there remains uncertainty regarding the willingness and ability of issuers to add alternative rate-setting provisions in certain existing instruments. In addition, a liquid market for newly-issued instruments that use a reference rate other than LIBOR still may be developing. There may also be challenges for the Fund to enter into hedging transactions against such newly-issued instruments until a market for such hedging transactions develops. All of the aforementioned may adversely affect the Fund’s performance or NAV.

Shareholders should retain this Supplement for future reference.

PRO-LIBOR-0820SUP

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 Advantage U.S. Total Market Fund, Inc.

BlackRock Allocation Target Shares

BATS: Series M Portfolio

BlackRock Capital Appreciation Fund, Inc.

BlackRock FundsSM

BlackRock Advantage Large Cap Growth Fund

BlackRock Advantage Small Cap Core Fund

BlackRock Advantage Small Cap Growth Fund

BlackRock Mid-Cap Growth Equity Portfolio

BlackRock Real Estate Securities Fund

BlackRock Funds III

iShares U.S. Aggregate Bond Index Fund

BlackRock Series Fund, Inc.

BlackRock Capital Appreciation Portfolio

BlackRock Variable Series Funds, Inc.

BlackRock Advantage U.S. Total Market V.I. Fund

BlackRock Capital Appreciation V.I. Fund

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

Supplement dated June 8, 2020 to the Prospectus(es) of each Fund

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

The following is added to the risk factor entitled “Foreign Securities Risk” in the other risks subsection under the section of each Fund’s Prospectus(es) entitled “Details About the Fund[s] — Investment Risks — Principal Risks of Investing in the Fund[s]” or in the section of each Fund’s Prospectus(es) entitled “Details About the Fund[s] — Investment Risks — Other Risks of Investing in the Fund[s],” as applicable:

- The Fund’s claims to recover foreign withholding taxes may not be successful, which may adversely affect the Fund’s net asset value.

Shareholders should retain this Supplement for future reference.

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