

**BLACKROCK CAPITAL APPRECIATION FUND, INC.**  
(the “Fund”)

**Supplement dated March 11, 2024 to the Summary Prospectuses, Prospectuses and Statement of  
Additional Information of the Fund, each dated September 28, 2023**

The Fund and BlackRock Large Cap Focus Growth Fund, Inc. (the “Acquiring Fund”) approved an Agreement and Plan of Reorganization (the “Agreement and Plan”) between the Fund and the Acquiring Fund in July 2023, pursuant to which the Fund would be reorganized into the Acquiring Fund (the “Reorganization”).

The Fund and the Acquiring Fund have determined not to proceed with the Reorganization at this time.

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

PR2SAI-CAPAP-0324SUP

**BLACKROCK CAPITAL APPRECIATION FUND, INC.**  
(the “Fund”)

**Supplement dated December 4, 2023 to the Summary Prospectuses, Prospectuses and Statement of Additional Information of the Fund, each dated September 28, 2023**

The Board of Directors of the Fund and the Board of Directors of BlackRock Large Cap Focus Growth Fund, Inc. (the “Acquiring Fund”) had previously approved an Agreement and Plan of Reorganization between the Fund and the Acquiring Fund, pursuant to which the Fund will be reorganized into the Acquiring Fund (the “Reorganization”).

Shareholders of the Fund are not required to approve the Reorganization. In October 2023 shareholders of the Fund were sent a Combined Prospectus/Information Statement containing important information about the Acquiring Fund, outlining the differences between the Fund and the Acquiring Fund and containing information about the terms and conditions of the Reorganization.

The Reorganization was originally expected to occur during the fourth quarter of 2023. The Reorganization is being postponed, and shareholders will be given at least 60 days’ notice in advance of the closing of the Reorganization. Until the Reorganization is completed, the Fund will continue to allow purchases and redemptions of its shares as described in its Prospectuses.

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

PR2SAI-CAPAP-1123SUP

**BLACKROCK CAPITAL APPRECIATION FUND, INC.**  
(the “Fund”)

**Supplement dated October 10, 2023 to the Summary Prospectuses, Prospectuses and Statement of  
Additional Information of the Fund, each dated September 28, 2023**

This supplement was previously filed on August 3, 2023.

The Board of Directors of the Fund and the Board of Directors of BlackRock Large Cap Focus Growth Fund, Inc. (the “Acquiring Fund”) have approved an Agreement and Plan of Reorganization (the “Agreement and Plan”) between the Fund and the Acquiring Fund, pursuant to which the Fund will be reorganized into the Acquiring Fund (the “Reorganization”).

In the Reorganization, the Fund will transfer substantially all of its assets to the Acquiring Fund in exchange for the assumption by the Acquiring Fund of certain stated liabilities of the Fund and shares of the Acquiring Fund.

The Agreement and Plan provides that shareholders of the Fund will receive shares, including fractional shares, if any, of the class of shares in the Acquiring Fund as set out in the table below with the same aggregate net asset value as the shares of the Fund held immediately prior to the Reorganization.

<b>If a shareholder owns the following Fund shares:</b>	<b>The shareholder will receive the following Acquiring Fund shares:</b>
Investor A	Investor A
Investor C	Investor C
Institutional	Institutional
Class K	Class K
Class R	Investor A

Effective upon the closing of the Reorganization, the Acquiring Fund will change its name from BlackRock Large Cap Focus Growth Fund, Inc. to BlackRock Large Cap Growth Equity Fund, Inc.

Following the Reorganization, the Fund will be terminated, dissolved and liquidated.

Shareholders of the Fund are not required to approve the Reorganization. It is expected that in October 2023 shareholders of the Fund will be sent a Combined Prospectus/Information Statement containing important information about the Acquiring Fund, outlining the differences between the Fund and the Acquiring Fund and containing information about the terms and conditions of the Reorganization.

The Reorganization is expected to occur during the fourth quarter of 2023. Until the Reorganization is completed, the Fund will continue redemptions of its shares as described in its Prospectuses.

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

PR2SAI-CAPAP-1023SUP

## Summary Prospectus

### BlackRock Capital Appreciation Fund, Inc. | Investor, Institutional and Class R Shares

Investor A: MDFGX • Investor C: MCFGX • Institutional: MAFGX • Class R: MRFGX

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](mailto:prospectus.request@blackrock.com), or from your financial professional. The Fund's prospectus and statement of additional information, both dated September 28, 2023, as amended and supplemented from time to time, are incorporated by reference into (legally made a part of) this Summary Prospectus.

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

*The Securities and Exchange Commission 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 Capital Appreciation Fund, Inc.

### Investment Objective

The investment objective of BlackRock Capital Appreciation Fund, Inc. (the “Fund”) is to seek long-term growth of capital.

### Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay if you buy, hold and sell shares of the Fund. **You may pay other fees, such as brokerage commissions and other fees to your financial professional or your selected securities dealer, broker, investment adviser, service provider or industry professional (including BlackRock Advisors, LLC (“BlackRock”) and its affiliates) (each, a “Financial Intermediary”), which are not reflected in the table and example below.** You may qualify for sales charge discounts if you and your family invest, or agree to invest in the future, at least \$25,000 in the fund complex advised by BlackRock or its affiliates. More information about these and other discounts is available from your Financial Intermediary and in the “Details About the Share Classes” and the “Intermediary-Defined Sales Charge Waiver Policies” sections on pages 23 and A-1, respectively, of the Fund’s prospectus and in the “Purchase of Shares” section on page II-91 of Part II of the Fund’s Statement of Additional Information.

<b>Shareholder Fees (fees paid directly from your investment)</b>	<b>Investor A Shares</b>	<b>Investor C Shares</b>	<b>Institutional Shares</b>	<b>Class R Shares</b>
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 <sup>1</sup>	1.00% <sup>2</sup>	None	None
<b>Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)</b>	<b>Investor A Shares</b>	<b>Investor C Shares</b>	<b>Institutional Shares</b>	<b>Class R Shares</b>
Management Fee <sup>3</sup>	0.62%	0.62%	0.62%	0.62%
Distribution and/or Service (12b-1) Fees	0.25%	1.00%	None	0.50%
Other Expenses	0.13%	0.22%	0.11%	0.25%
Total Annual Fund Operating Expenses	1.00%	1.84%	0.73%	1.37%
Fee Waivers and/or Expense Reimbursements <sup>3,4</sup>	—	—	—	—
Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements <sup>3,4</sup>	1.00%	1.84%	0.73%	1.37%

<sup>1</sup> 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 the time of purchase as part of an investment of \$1,000,000 or more.

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

<sup>3</sup> As described in the “Management of the Fund” section of the Fund’s prospectus beginning on page 39, 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 June 30, 2025. In addition, BlackRock has contractually agreed to waive its management fees by the amount of investment advisory fees the Fund pays to BlackRock indirectly through its investment in money market funds managed by BlackRock or its affiliates, through June 30, 2025. The contractual agreements may be terminated upon 90 days’ notice by a majority of the non-interested directors of the Fund or by a vote of a majority of the outstanding voting securities of the Fund.

<sup>4</sup> As described in the “Management of the Fund” section of the Fund’s prospectus beginning on page 39, BlackRock has contractually agreed to waive and/or reimburse fees or expenses in order to limit Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements (excluding Dividend Expense, Interest Expense, Acquired Fund Fees and Expenses and certain other Fund expenses) to 1.94% (for Investor C Shares) of average daily net assets through June 30, 2034. On October 1 of each year, the waiver agreement will renew automatically for an additional one year so that the agreement will have a perpetual ten-year term. The contractual agreement may be terminated upon 90 days’ notice by a majority of the non-interested directors of the Fund 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:

	<b>1 Year</b>	<b>3 Years</b>	<b>5 Years</b>	<b>10 Years</b>
Investor A Shares	\$622	\$827	\$1,048	\$1,685
Investor C Shares	\$287	\$579	\$ 995	\$1,938
Institutional Shares	\$ 75	\$233	\$ 406	\$ 906
Class R Shares	\$139	\$434	\$ 750	\$1,646

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

	<b>1 Year</b>	<b>3 Years</b>	<b>5 Years</b>	<b>10 Years</b>
Investor C Shares	\$187	\$579	\$995	\$1,938

**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 fiscal year ended May 31, 2023, the Fund's portfolio turnover rate was 43% of the average value of its portfolio.

***Principal Investment Strategies of the Fund***

The Fund will seek to achieve its investment objective by investing primarily in a diversified portfolio consisting primarily of common stock of U.S. companies that Fund management believes have exhibited above-average growth rates in earnings over the long term. In other words, Fund management tries to choose investments that will increase in value over the long term.

The Fund will generally invest at least 65% of its total assets in the following equity securities:

- Common stock;
- Convertible preferred stock;
- Securities convertible into common stock; and
- Rights to subscribe to common stock.

Of these securities the Fund generally seeks to invest primarily in common stock.

The Fund may invest in companies of any size but emphasizes investments in companies that have medium to large stock market capitalizations (currently, approximately \$2 billion or more).

Convertible securities generally are debt securities or preferred stock that may be converted into common stock. Convertible securities typically pay current income as either interest (debt security convertibles) or dividends (preferred stock). A convertible's value usually reflects both the stream of current income payments and the market value of the underlying common stock. The Fund may purchase securities pursuant to the exercise of subscription rights, which allow an issuer's existing shareholders to purchase additional common stock at a price substantially below the market price of the shares.

***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 principal risks of investing in the Fund. The relative significance of each risk factor below may change over time and you should review each risk factor carefully.

- **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.
- **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.
- **Market Risk and Selection Risk** — Market risk is the risk that one or more markets in which the Fund invests will go down in value, including the possibility that the markets will go down sharply and unpredictably. The value of a security or other asset may decline due to changes in general market conditions, economic trends or events that are not specifically related to the issuer of the security or other asset, or factors that affect a particular issuer or issuers, exchange, country, group of countries, region, market, industry, group of industries, sector or asset class. Local, regional or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues like pandemics or epidemics, recessions, or other events could have a significant impact on the Fund and its investments. Selection risk is the risk that the securities selected by Fund management will underperform the markets, the relevant indices or the securities selected by other funds with similar investment objectives and investment strategies. This means you may lose money.  
  
An outbreak of an infectious coronavirus (COVID-19) that was first detected in December 2019 developed into a global pandemic that has resulted in numerous disruptions in the market and has had significant economic impact leaving general concern and uncertainty. Although vaccines have been developed and approved for use by various governments, the duration of the pandemic and its effects cannot be predicted with certainty. The impact of this coronavirus, and other epidemics and pandemics that may arise in the future, could affect the economies of many nations, individual companies and the market in general ways that cannot necessarily be foreseen at the present time.
- **Convertible Securities Risk** — The market value of a convertible security performs like that of a regular debt security; that is, if market interest rates rise, the value of a convertible security usually falls. In addition, convertible securities are subject to the risk that the issuer will not be able to pay interest, principal or dividends when due, and their market value may change based on changes in the issuer's credit rating or the market's perception of the issuer's creditworthiness. Since it derives a portion of its value from the common stock into which it may be converted, a convertible security is also subject to the same types of market and issuer risks that apply to the underlying common stock, including the potential for increased volatility in the price of the convertible security.
- **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.
- **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.
- **Rights Risk** — The failure to exercise subscription rights to purchase common stock would result in the dilution of the Fund's interest in the issuing company. The market for such rights is not well developed, and, accordingly, the Fund may not always realize full value on the sale of rights.
- **Risk of Investing in the United States** — Certain changes in the U.S. economy, such as when the U.S. economy weakens or when its financial markets decline, may have an adverse effect on the securities to which the Fund has exposure.

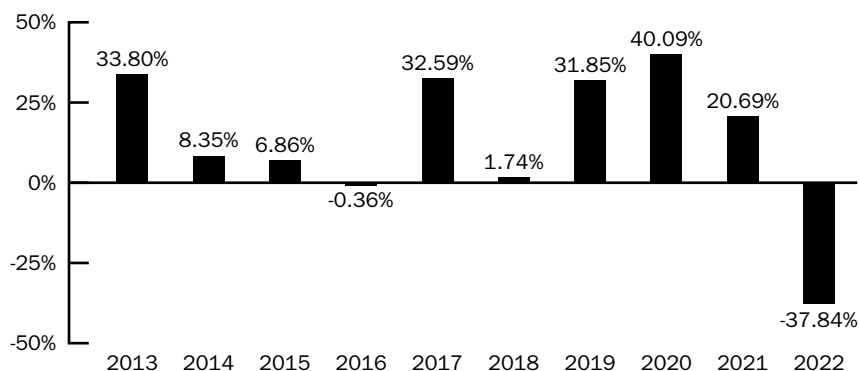
## **Performance Information**

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The information shows you how the Fund's performance has varied year by year and provides some indication of the risks of investing in the Fund. The table compares the Fund's performance to that of the Russell 1000<sup>®</sup> Growth Index and the Standard & Poor's ("S&P") 500<sup>®</sup> Index, which are relevant to the Fund because they have characteristics similar to the Fund's investment strategy. To the extent that dividends and distributions have been paid by the Fund, the performance information for the Fund in the chart and table assumes reinvestment of the dividends and distributions. As with all such investments, past performance (before and after taxes) is not an indication of future results. Sales charges are not reflected in the bar chart. If they were, returns would be less than those shown. However, the table includes all applicable fees and sales charges. If the Fund's investment manager and its affiliates

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

**Investor A Shares**  
**ANNUAL TOTAL RETURNS**  
**BlackRock Capital Appreciation Fund, Inc.**  
**As of 12/31**



During the ten-year period shown in the bar chart, the highest return for a quarter was 28.78% (quarter ended June 30, 2020) and the lowest return for a quarter was -23.09% (quarter ended June 30, 2022). The year-to-date return as of June 30, 2023 was 33.62%.

**For the periods ended 12/31/22**  
**Average Annual Total Returns**

	<b>1 Year</b>	<b>5 Years</b>	<b>10 Years</b>
BlackRock Capital Appreciation Fund, Inc. — Investor A Shares			
Return Before Taxes	(41.10)%	5.96%	10.58%
Return After Taxes on Distributions	(42.26)%	3.55%	7.62%
Return After Taxes on Distributions and Sale of Fund Shares	(23.41)%	4.84%	8.10%
BlackRock Capital Appreciation Fund, Inc. — Investor C Shares			
Return Before Taxes	(38.88)%	6.25%	10.47%
BlackRock Capital Appreciation Fund, Inc. — Institutional Shares			
Return Before Taxes	(37.69)%	7.39%	11.48%
BlackRock Capital Appreciation Fund, Inc. — Class R Shares			
Return Before Taxes	(38.08)%	6.77%	10.86%
Russell 1000® Growth Index (Reflects no deduction for fees, expenses or taxes)	(29.14)%	10.96%	14.10%
S&P 500® Index (Reflects no deduction for fees, expenses or taxes)	(18.11)%	9.42%	12.56%

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 Managers**

Name	Portfolio Manager of the Fund Since	Title
Phil Ruvinsky, CFA	2020	Managing Director of BlackRock, Inc.
Caroline Bottinelli	2022	Director of BlackRock, Inc.



## ***Purchase and Sale of Fund Shares***

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

	<b>Investor A and Investor C Shares</b>	<b>Institutional Shares</b>	<b>Class R Shares</b>
<b>Minimum Initial Investment</b>	<p>\$1,000 for all accounts except:</p> <ul style="list-style-type: none"> <li>• \$50, if establishing an Automatic Investment Plan.</li> <li>• There is no investment minimum for employer-sponsored retirement plans (not including SEP IRAs, SIMPLE IRAs or SARSEPs).</li> <li>• There is no investment minimum for certain fee-based programs.</li> </ul>	<p>There is no minimum initial investment for:</p> <ul style="list-style-type: none"> <li>• Employer-sponsored retirement plans (not including SEP IRAs, SIMPLE IRAs or SARSEPs), state sponsored 529 college savings plans, collective trust funds, investment companies or other pooled investment vehicles, unaffiliated thrifts and unaffiliated banks and trust companies, each of which may purchase shares of the Fund through a Financial Intermediary that has entered into an agreement with the Fund's distributor to purchase such shares.</li> <li>• Clients of Financial Intermediaries that: (i) charge such clients a fee for advisory, investment consulting, or similar services or (ii) have entered into an agreement with the Fund's distributor to offer Institutional Shares through a no-load program or investment platform.</li> <li>• Clients investing through a self-directed IRA brokerage account program sponsored by a retirement plan record-keeper, provided that such program offers only mutual fund options and that the program maintains an account with the Fund on an omnibus basis.</li> </ul> <p>\$2 million for individuals and "Institutional Investors," which include, but are not limited to, endowments, foundations, family offices, local, city, and state governmental institutions, corporations and insurance company separate accounts who may purchase shares of the Fund through a Financial Intermediary that has entered into an agreement with the Fund's distributor to purchase such shares.</p> <p>\$1,000 for:</p> <ul style="list-style-type: none"> <li>• Clients investing through Financial Intermediaries that offer such shares on a platform that charges a transaction based sales commission outside of the Fund.</li> <li>• Tax-qualified accounts for insurance agents that are registered representatives of an insurance company's broker-dealer that has entered into an agreement with the Fund's distributor to offer Institutional Shares, and the family members of such persons.</li> </ul>	<p>\$100 for all accounts.</p>
<b>Minimum Additional Investment</b>	<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***

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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***

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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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