

Prospectus

BlackRock Funds III | Premium Shares

- **BlackRock Cash Funds: Treasury**

Premium: BSPXX

This 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 Prospectus. Any representation to the contrary is a criminal offense.

Not FDIC Insured • May Lose Value • No Bank Guarantee

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Fund Overview

Key Facts About BlackRock Cash Funds: Treasury

Investment Objective

The investment objective for BlackRock Cash Funds: Treasury (the “Fund”), a series of BlackRock Funds III (the “Trust”), is to seek current income as is consistent with liquidity and stability of principal.

Fees and Expenses of the Fund

This table describes the fees and expenses that you may pay if you buy, hold and sell Premium Shares of BlackRock Cash Funds: Treasury. **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 Fund Advisors (“BFA”) and its affiliates) (each, a “Financial Intermediary”), which are not reflected in the table and example below.**

Annual Class Operating Expenses (expenses that you may pay each year as a percentage of the value of your investment)¹	Premium Shares*
Management Fee ^{1,2}	0.10%
Distribution and/or Service (12b-1) Fees	None
Other Expenses	0.10%
Administration Fees	0.10%
Independent Expenses ³	—
Total Annual Fund Operating Expenses	0.20%
Fee Waivers and/or Expense Reimbursements ^{2,3}	(0.03)%
Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements ^{2,3}	0.17%

* Fund currently active, but no assets in share class as of December 31, 2023.

¹ The fees and expenses shown in the table above and the example that follows include the expenses of both the Fund and Treasury Money Market Master Portfolio (the “Treasury Master Portfolio”), a series of Master Investment Portfolio (“MIP”), in which the Fund invests. Management fees are paid by Treasury Master Portfolio.

² BFA has contractually agreed to waive a portion of its management fee through June 30, 2025. After giving effect to such contractual waiver, the management fee will be 0.07%. The contractual waiver may not be terminated prior to July 1, 2025 without the consent of the Board of Trustees of MIP.

³ Independent Expenses consist of the Fund’s allocable portion of the fees and expenses of the independent trustees of the Trust and MIP, counsel to such independent trustees and the independent registered public accounting firm that provides audit services to the Fund and Treasury Master Portfolio. BlackRock Advisors, LLC (“BAL”), the administrator to the Fund, and BFA, the investment adviser to Treasury Master Portfolio, have contractually agreed to reimburse, or provide offsetting credits to, the Fund and Treasury Master Portfolio, as applicable, for Independent Expenses through June 30, 2025. After giving effect to such contractual arrangements, Independent Expenses will be 0.00%. Such contractual arrangements may not be terminated prior to July 1, 2025 without the consent of the Boards of Trustees of the Trust and MIP.

Example:

This Example is intended to help you compare the cost of investing in Premium Shares of the Fund with the cost of investing in other mutual funds. The Example assumes that you invest \$10,000 in Premium Shares of 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 Premium Shares’ 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
Premium Shares	\$17	\$61	\$110	\$252

Principal Investment Strategies of the Fund

BlackRock Cash Funds: Treasury seeks to achieve its investment objective by investing at least 99.5% of its total assets in cash, U.S. Treasury bills, notes and other direct obligations of the U.S. Treasury, and repurchase agreements secured by such obligations or cash. The Fund invests in securities maturing in 397 days or less (with certain exceptions) and the portfolio will have a dollar-weighted average maturity of 60 days or less and a dollar-weighted average life of 120 days or less. In addition, the Fund may invest in variable and floating rate instruments and transact in securities on a when-issued, delayed delivery or forward commitment basis.

The Fund will invest, under normal circumstances, at least 80% of its net assets, plus the amount of any borrowings for investment purposes, in U.S. Treasury bills, notes and other obligations of the U.S. Treasury, and repurchase agreements secured by such obligations. This policy is a non-fundamental policy of the Fund and the Fund will not change the policy without providing shareholders with at least 60 days' prior notice of any change in the policy.

U.S. Treasury obligations are backed by the full faith and credit of the U.S. Government. The principal and interest of all securities held by the Fund are payable in U.S. dollars.

The securities purchased by the Fund are subject to the quality, diversification, and other requirements of Rule 2a-7 under the Investment Company Act of 1940, as amended (the "1940 Act"), and other rules of the Securities and Exchange Commission.

The Fund is a "feeder" fund that invests all of its investable assets in Treasury Master Portfolio of MIP, which has the same investment objective and strategies as the Fund. All investments are made at the Treasury Master Portfolio level. This structure is sometimes called a "master/feeder" structure. The Fund's investment results will correspond directly to the investment results of Treasury Master Portfolio. For simplicity, the prospectus uses the name of the Fund or the term "Fund" (as applicable) to include Treasury Master Portfolio.

Principal Risks of Investing in the Fund

Risk is inherent in all investing. You could lose money by investing in the Fund. Although the Fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the Fund is not a bank account and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Fund's sponsor is not required to reimburse the Fund for losses, and you should not expect that the sponsor will provide financial support to the Fund at any time, including during periods of market stress. 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.

- **Interest Rate Risk** — Interest rate risk is the risk that the value of a debt security may fall when interest rates rise. In general, the market price of debt securities with longer maturities will go up or down more in response to changes in interest rates than the market price of shorter-term securities. Due to fluctuations in interest rates, the market value of such securities may vary during the period shareholders own shares of the Fund. Very low or negative interest rates may magnify interest rate risk. During periods of very low or negative interest rates, the Fund may be unable to maintain positive returns or pay dividends to Fund shareholders. The Fund may be subject to a greater risk of rising interest rates due to the recent period of historically low interest rates. The Federal Reserve has recently begun to raise the federal funds rate as part of its efforts to address rising inflation. There is a risk that interest rates will continue to rise, which will likely drive down the prices of bonds and other fixed-income securities. Changing interest rates may have unpredictable effects on markets, may result in heightened market volatility and may detract from the Fund's ability to achieve its investment objective.
- **Treasury Obligations Risk** — Direct obligations of the U.S. Treasury have historically involved little risk of loss of principal if held to maturity. However, due to fluctuations in interest rates, the market value of such securities may vary during the period shareholders own shares of the Fund. In addition, notwithstanding that U.S. Treasury obligations are backed by the full faith and credit of the United States, circumstances could arise that could prevent the timely payment of interest or principal, such as reaching the legislative "debt ceiling." Such non-payment could result in losses to the Fund and substantial negative consequences for the U.S. economy and the global financial system.
- **Repurchase Agreements Risk** — If the other party to a repurchase agreement defaults on its obligation under the agreement, the Fund may suffer delays and incur costs or lose money in exercising its rights under the agreement. If the seller fails to repurchase the security and the market value of the security declines, the Fund may lose money.
- **Credit Risk** — Credit risk refers to the possibility that the issuer of a debt security (i.e., the borrower) will be unable or unwilling to make timely payments of interest and principal when due or otherwise honor their obligations. Changes in an issuer's credit rating or the market's perception of an issuer's creditworthiness may also adversely affect the value of the Fund's investment in that issuer.
- **Income Risk** — Income risk is the risk that the Fund's yield will vary as short-term securities in its portfolio mature and the proceeds are reinvested in securities with different interest rates.
- **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.

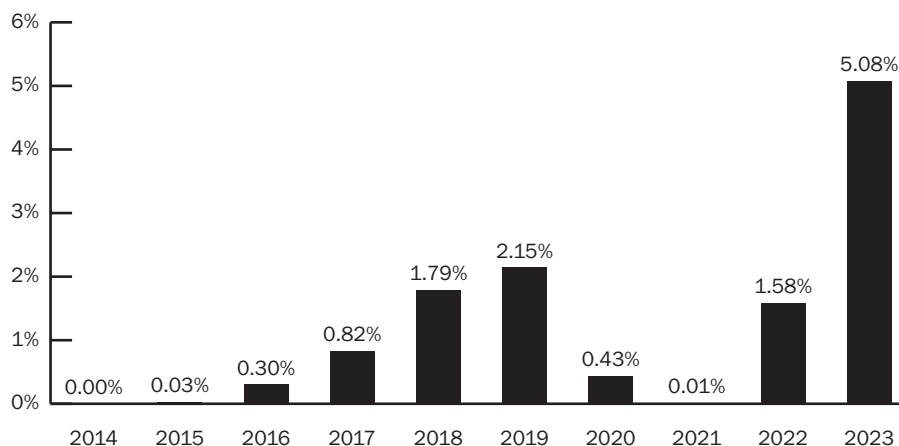
- **Risk of Investing in the United States** — Certain changes in the U.S. economy, such as when the U.S. economy weakens or when its financial markets decline, may have an adverse effect on the securities to which the Fund has exposure.
- **Stable Net Asset Value Risk** — The Fund may not be able to maintain a stable net asset value (“NAV”) of \$1.00 per share at all times. If the Fund fails to maintain a stable NAV (or if there is a perceived threat of such a failure), the Fund, along with other money market funds, could be subject to increased redemption activity.
- **U.S. Government Obligations Risk** — Certain securities in which the Fund may invest, including securities issued by certain U.S. Government agencies and U.S. Government sponsored enterprises, are not guaranteed by the U.S. Government or supported by the full faith and credit of the United States. In addition, circumstances could arise that could prevent the timely payment of interest or principal on U.S. Government obligations, such as reaching the legislative “debt ceiling.” Such non-payment could result in losses to the Fund and substantial negative consequences for the U.S. economy and the global financial system.
- **Variable and Floating Rate Instrument Risk** — Variable and floating rate securities provide for periodic adjustment in the interest rate paid on the securities. These securities may be subject to greater illiquidity risk than other fixed income securities, meaning the absence of an active market for these securities could make it difficult for the Fund to dispose of them at any given time.
- **When-Issued and Delayed Delivery Securities and Forward Commitments Risk** — When-issued and delayed delivery securities and forward commitments involve the risk that the security the Fund buys will lose value prior to its delivery. There also is the risk that the security will not be issued or that the other party to the transaction will not meet its obligation. If this occurs, the Fund may lose both the investment opportunity for the assets it set aside to pay for the security and any gain in the security’s price.

Performance Information

There are currently no Premium Shares of BlackRock Cash Funds: Treasury outstanding as of the date of this prospectus. As a result, the chart, the table and the seven-day yield shown below give you a picture of the performance for SL Agency Shares of the Fund, which are not offered in this prospectus. The performance of the Fund's Premium Shares would be substantially similar to SL Agency Shares because Premium Shares and SL Agency Shares are invested in the same portfolio of securities and performance would only differ to the extent that Premium Shares and SL Agency Shares have different expenses. The actual returns and seven-day yields of Premium Shares would have been lower than those of the SL Agency Shares because Premium Shares have higher expenses than the SL Agency Shares.

The bar chart and table in this section provide some indication of the risks of investing in BlackRock Cash Funds: Treasury by showing the changes in the Fund's performance from year to year. 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. How the Fund performed in the past is not necessarily an indication of how it will perform in the future. If BFA and its affiliates had not waived or reimbursed certain Fund expenses during these periods, the Fund's returns would have been lower. The Fund is a money market fund managed pursuant to the requirements of Rule 2a-7 under the 1940 Act. Updated information on the Fund's performance can be obtained by visiting <http://www.blackrock.com/cash> or can be obtained by phone at 1-888-204-3956.

BlackRock Cash Funds: Treasury SL Agency Shares ANNUAL TOTAL RETURNS As of 12/31



During the ten-year period shown in the bar chart, the highest return for a quarter was 1.35% (quarter ended December 31, 2023) and the lowest return for a quarter was 0.00% (quarter ended June 30, 2015).

For the periods ended 12/31/23 Average Annual Total Returns

	1 Year	5 Years	10 Years
BlackRock Cash Funds: Treasury — SL Agency Shares	5.08%	1.84%	1.21%

7-Day Yield As of December 31, 2023

BlackRock Cash Funds: Treasury — SL Agency Shares	5.33%
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Current Yield: You may obtain the Fund's current 7-day yield by calling 1-888-204-3956 (toll-free) or by visiting the Fund's website at www.blackrock.com/cash.

Investment Adviser

Treasury Master Portfolio's investment adviser is BlackRock Fund Advisors (previously defined as "BFA").

Purchase and Sale of Fund Shares

The minimum initial investment for Premium Shares of BlackRock Cash Funds: Treasury is \$10 million, although the Fund may reduce or waive the minimum in some cases. You may generally purchase or redeem shares of the Fund each day the bond markets and the Fedwire Funds Service are 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 1-888-204-3956, or by mail to State Street Bank and Trust Company, Attn: Quincy Nunnally-Transfer Agency, P.O. Box 5493, Boston, Massachusetts 02206.

To be eligible to purchase Premium Shares of the Fund, you must invest through an employer-sponsored or individual retirement savings plan; invest the proceeds rolled over from such retirement savings plan into an individual retirement account; or maintain an account with State Street Bank and Trust Company, the Fund's transfer agent (the "Transfer Agent"), or with a shareholder servicing agent (a "Shareholder Servicing Agent"). Please contact your Shareholder Servicing Agent or the Transfer Agent for more information.

You may purchase or sell shares without paying a sales charge. Your order to purchase or sell shares must be received in proper form, as determined by the Transfer Agent or a Financial Intermediary pursuant to an appropriate agreement, by 5:00 p.m. Eastern time on any day the Fund is open (a "Business Day") (or, if the Fund closes early, by such closing time) to purchase or sell shares at that day's net asset value. Orders received after 5:00 p.m. Eastern time on any Business Day (or, if the Fund closes early, at such closing time) will be cancelled.

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 upon withdrawal from such tax deferred arrangements.

Payments to Broker/Dealers and Other Financial Intermediaries

If you purchase shares of BlackRock Cash Funds: Treasury 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.

Details About the Fund

Included in this prospectus are sections that tell you about your shareholder rights, buying and selling shares, management information, and shareholder features of BlackRock Cash Funds: Treasury, a government money market fund under Rule 2a-7 under the Investment Company Act of 1940, as amended (the “1940 Act”) (the “Fund”). The Fund is a series of BlackRock Funds III (the “Trust”).

How The Fund Invests

The Fund is a “feeder” fund that invests all of its assets in Treasury Money Market Master Portfolio (the “Master Portfolio”), a series of Master Investment Portfolio (“MIP”), a mutual fund that has an investment objective and strategies substantially identical to those of the Fund. All discussion of the investment objective, strategies and risks of the Fund refers also to the investment objective, strategies and risks of the Master Portfolio, unless otherwise indicated. A description of the relationship of the Fund to the Master Portfolio appears below under the heading “Account Information — Master/Feeder Mutual Fund Structure.”

The Fund is a government money market fund managed pursuant to Rule 2a-7 under the 1940 Act.

- The Fund will maintain a dollar-weighted average maturity of 60 days or less and a dollar-weighted average life of 120 days or less. For a discussion of dollar-weighted average maturity and dollar-weighted average life, please see the Glossary on page 24.
- Pursuant to Rule 2a-7, the Fund is subject to a “general liquidity requirement” that requires that the Fund hold securities that are sufficiently liquid to meet reasonably foreseeable shareholder redemptions in light of its obligations under Section 22(e) of the 1940 Act regarding share redemptions and any commitments the Fund has made to shareholders. To comply with this general liquidity requirement, BlackRock Fund Advisors (“BFA”) must consider factors that could affect the Fund’s liquidity needs, including characteristics of the Fund’s investors and their likely redemptions. Depending upon the volatility of its cash flows (particularly shareholder redemptions), this may require the Fund to maintain greater liquidity than would be required by the daily and weekly minimum liquidity requirements discussed below.
- The Fund will not acquire any illiquid security (*i.e.*, securities that cannot be sold or disposed of in the ordinary course of business within seven days at approximately the value ascribed to them by the Fund) if, immediately following such purchase, more than 5% of the Fund’s total assets are invested in illiquid securities.
- The Fund will not acquire any security other than a daily liquid asset unless, immediately following such purchase, at least 25% of its total assets would be invested in daily liquid assets, and the Fund will not acquire any security other than a weekly liquid asset unless, immediately following such purchase, at least 50% of its total assets would be invested in weekly liquid assets. For a discussion of daily liquid assets and weekly liquid assets, please see the Glossary on page 24.
- The Fund seeks to maintain a net asset value (“NAV”) of \$1.00 per share.

The Trust’s Board of Trustees (the “Board”) has chosen not to subject the Fund to discretionary liquidity fees.

BlackRock Cash Funds: Treasury

The investment objective for the Fund is to seek current income as is consistent with liquidity and stability of principal.

The Fund seeks to achieve its investment objective by investing at least 99.5% of its total assets in cash, U.S. Treasury bills, notes and other direct obligations of the U.S. Treasury, and repurchase agreements secured by such obligations or cash.

The Fund will invest, under normal circumstances, at least 80% of its net assets, plus the amount of any borrowings for investment purposes, in U.S. Treasury bills, notes and other obligations of the U.S. Treasury, and repurchase agreements secured by such obligations. This policy is a non-fundamental policy of the Fund and the Fund will not change the policy without providing shareholders with at least 60 days’ prior notice of any change in the policy.

The Fund invests in securities maturing in 397 days or less (with certain exceptions) and the portfolio will have a dollar-weighted average maturity of 60 days or less and a dollar-weighted average life of 120 days or less. In addition, the Fund may invest in variable and floating rate instruments and transact in instruments on a when-issued, delayed delivery or forward commitment basis. The principal and interest of all securities held by the Fund are payable in U.S. dollars. The Master Portfolio may transfer uninvested cash balances into a single joint account at the Master Portfolio’s custodian bank, the daily aggregate balance of which will be invested in one or more repurchase agreements.

Investment Risks

Risk is inherent in all investing. You could lose money by investing in the Fund. Although the Fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the Fund is not a bank account and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Fund's sponsor is not required to reimburse the Fund for losses, and you should not expect that the sponsor will provide financial support to the Fund at any time, including during periods of market stress.

The following is a description of certain risks of investing in the Fund. The order of the below risk factors does not indicate the significance of any particular risk factor.

Principal Risks of Investing in the Fund

Credit Risk — Credit risk refers to the possibility that the issuer of a debt security (i.e., the borrower) will be unable or unwilling to make timely payments of interest and principal when due or otherwise honor their obligations. Changes in an issuer's credit rating or the market's perception of an issuer's creditworthiness may also adversely affect the value of the Fund's investment in that issuer. The degree of credit risk depends on both the financial condition of the issuer and the terms of the obligation.

Income Risk — The Fund's yield will vary as the short-term securities in its portfolio mature and the proceeds are reinvested in securities with different interest rates.

Interest Rate Risk — Interest rate risk is the risk that the value of a debt security may fall when interest rates rise. In general, the market price of debt securities with longer maturities will go up or down more in response to changes in interest rates than the market price of shorter-term securities. Due to fluctuations in interest rates, the market value of such securities may vary during the period shareholders own shares of the Fund. Very low or negative interest rates may magnify interest rate risk. During periods of very low or negative interest rates, the Fund may be unable to maintain positive returns or pay dividends to Fund shareholders. The Fund may be subject to a greater risk of rising interest rates due to the recent period of historically low interest rates. The Federal Reserve has recently begun to raise the federal funds rate as part of its efforts to address rising inflation. There is a risk that interest rates will continue to rise, which will likely drive down the prices of bonds and other fixed-income securities. Changing interest rates may have unpredictable effects on markets, may result in heightened market volatility and may detract from the Fund's ability to achieve its investment objective.

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.

Repurchase Agreements Risk — If the other party to a repurchase agreement defaults on its obligation under the agreement, the Fund may suffer delays and incur costs or lose money in exercising its rights under the agreement. If the seller fails to repurchase the security and the market value of the security declines, the Fund may lose money.

Risk of Investing in the United States — A decrease in imports or exports, changes in trade regulations, inflation and/or an economic recession in the United States may have a material adverse effect on the U.S. economy and the securities listed on U.S. exchanges. Proposed and adopted policy and legislative changes in the United States are changing many aspects of financial, commercial, public health, environmental, and other regulation and may have a significant effect on U.S. markets generally, as well as on the value of certain securities. Governmental agencies project that the United States will continue to maintain elevated public debt levels for the foreseeable future. Although elevated debt levels do not necessarily indicate or cause economic problems, elevated public debt service costs may constrain future economic growth.

The United States has developed increasingly strained relations with a number of foreign countries. If relations with certain countries deteriorate, it could adversely affect U.S. issuers as well as non-U.S. issuers that rely on the United States for trade. The United States has also experienced increased internal political discord, as well as significant challenges in managing and containing the outbreak of COVID-19. If these trends were to continue, it may have an adverse impact on the U.S. economy and the issuers in which the Fund invests.

Stable Net Asset Value Risk — The Fund may not be able to maintain a stable NAV of \$1.00 per share at all times. If the Fund fails to maintain a stable NAV (or if there is a perceived threat of such a failure), the Fund, along with other money market funds, could be subject to increased redemption activity.

Treasury Obligations Risk — Direct obligations of the U.S. Treasury have historically involved little risk of loss of principal if held to maturity. However, due to fluctuations in interest rates, the market value of such securities may vary during the period shareholders own shares of the Fund. In addition, notwithstanding that U.S. Treasury obligations are backed by the full faith and credit of the United States, circumstances could arise that could prevent the timely payment of interest or principal, such as reaching the legislative “debt ceiling.” Such non-payment could result in losses to the Fund and substantial negative consequences for the U.S. economy and the global financial system.

U.S. Government Obligations Risk — Not all U.S. Government securities are backed by the full faith and credit of the United States. Obligations of certain agencies, authorities, instrumentalities and sponsored enterprises of the U.S. Government are backed by the full faith and credit of the United States (e.g., the Government National Mortgage Association); other obligations are backed by the right of the issuer to borrow from the U.S. Treasury (e.g., the Federal Home Loan Banks) and others are supported by the discretionary authority of the U.S. Government to purchase an agency’s obligations. Still others are backed only by the credit of the agency, authority, instrumentality or sponsored enterprise issuing the obligation. No assurance can be given that the U.S. Government would provide financial support to any of these entities if it is not obligated to do so by law. In addition, circumstances could arise that could prevent the timely payment of interest or principal on U.S. Government obligations, such as reaching the legislative “debt ceiling.” Such non-payment could result in losses to the Fund and substantial negative consequences for the U.S. economy and the global financial system.

Variable and Floating Rate Instrument Risk — Variable and floating rate securities provide for periodic adjustment in the interest rate paid on the securities. These securities may be subject to greater illiquidity risk than other fixed income securities, meaning the absence of an active market for these securities could make it difficult for the Fund to dispose of them at any given time.

When-Issued and Delayed Delivery Securities and Forward Commitments Risk — When-issued and delayed delivery securities and forward commitments involve the risk that the security the Fund buys will lose value prior to its delivery. There also is the risk that the security will not be issued or that the other party to the transaction will not meet its obligation. If this occurs, the Fund may lose both the investment opportunity for the assets it set aside to pay for the security and any gain in the security’s price.

Other Risks of Investing in the Fund

The Fund may also be subject to certain other non-principal risks associated with its investments and investment strategies, including:

Cyber Security Risk — Failures or breaches of the electronic systems of the Fund, the Fund’s adviser, distributor, and other service providers, or the issuers of securities in which the Fund invests have the ability to cause disruptions and negatively impact the Fund’s business operations, potentially resulting in financial losses to the Fund and its shareholders. While the Fund has established business continuity plans and risk management systems seeking to address system breaches or failures, there are inherent limitations in such plans and systems. Furthermore, the Fund cannot control the cyber security plans and systems of the Fund’s service providers or issuers of securities in which the Fund invests.

Expense Risk — Fund expenses are subject to a variety of factors, including fluctuations in the Fund’s net assets. Accordingly, actual expenses may be greater or less than those indicated. For example, to the extent that the Fund’s net assets decrease due to market declines or redemptions, the Fund’s expenses will increase as a percentage of Fund net assets. During periods of high market volatility, these increases in the Fund’s expense ratio could be significant.

Illiquid Investments Risk — The Fund’s illiquid investments may reduce the returns of the Fund because it may be difficult to sell the illiquid investments at an advantageous time or price. The Fund may be unable to pay redemption proceeds within the time period stated in this prospectus because of unusual market conditions, an unusually high volume of redemption requests, or other reasons.

Investment in Other Investment Companies Risk — As with other investments, investments in other investment companies, including exchange-traded funds, are subject to market and selection risk. In addition, if the Fund acquires shares of investment companies, including ones affiliated with the Fund, shareholders bear both their proportionate share of expenses in the Fund (including management and advisory fees) and, indirectly, the expenses of the investment companies (to the extent not offset by BFA through waivers). To the extent the Fund is held by an affiliated fund, the ability of the Fund itself to hold other investment companies may be limited.

Large Shareholder and Large-Scale Redemption Risk — Certain shareholders, including a third-party investor, the Fund’s adviser or an affiliate of the Fund’s adviser, or another entity, may from time to time own or manage a substantial amount of Fund shares or may invest in the Fund and hold its investment for a limited period of time. There can be no assurance that any large shareholder or large group of shareholders would not redeem their investment or

that the size of the Fund would be maintained. Redemptions of a large number of Fund shares by these shareholders may adversely affect the Fund's liquidity and net assets. These redemptions may force the Fund to sell portfolio securities to meet redemption requests when it might not otherwise do so, which may negatively impact the Fund. In addition, large redemptions can result in the Fund's current expenses being allocated over a smaller asset base, which generally could result in an increase in the Fund's expense ratio.

Operational Risk — The Fund is exposed to operational risks arising from a number of factors, including, but not limited to, human errors, processing and communication errors, errors of the Fund's service providers, counterparties or other third parties, failed or inadequate internal or external processes, and technology or systems failures. The use of certain investment strategies that involve manual or additional processing, such as over-the-counter derivatives, increases these risks. While service providers are required to have appropriate operational risk management policies and procedures, their methods of operational risk management may differ from those of the Fund in the setting of priorities, the personnel and resources available or the effectiveness of relevant controls. The Fund and BFA seek to reduce these operational risks through controls, procedures and oversight. However, it is not possible to identify all of the operational risks that may affect the Fund or to develop processes and controls that completely eliminate or mitigate the occurrence or effects of such failures. The Fund, including its performance and continued operation, and its shareholders could be negatively impacted as a result.

Reliance on Advisor Risk — The Fund is dependent upon services and resources provided by BFA, and therefore BFA's parent, BlackRock, Inc. BFA is not required to devote its full time to the business of the Fund and there is no guarantee or requirement that any investment professional or other employee of BFA will allocate a substantial portion of his or her time to the Fund. The loss of, or changes in, BFA's personnel could have a negative effect on the performance or the continued operation of the Fund.

For a description of the Fund's policies and procedures with respect to disclosure of the Master Portfolio's portfolio holdings, and a discussion of the Fund's investments and risks, please refer to the Fund's combined Statement of Additional Information ("SAI").

Account Information

Shareholder Information

Who is Eligible to Invest?

To be eligible to purchase Premium Shares, you must:

- Invest through an employer-sponsored or individual retirement savings plan;
- Invest the proceeds rolled over from such retirement savings plan into an individual retirement account (“IRA”);
- Maintain an account with State Street Bank and Trust Company, the Fund’s transfer agent (the “Transfer Agent”), or with a shareholder servicing agent (a “Shareholder Servicing Agent”); or
- Initially invest a minimum of \$10 million directly through the Transfer Agent.

The minimum initial investment amount for Premium Shares of the Fund is \$10 million; however, in certain situations, this minimum initial investment amount may be reduced or waived. Please contact your Shareholder Servicing Agent or the Transfer Agent for more information.

The Fund offers additional share classes with different expenses and expected returns, including share classes you may be eligible to purchase. Call 1-888-204-3956 (toll-free) for additional information.

In order to invest, a completed account application form must be submitted to, and processed by, your Shareholder Servicing Agent or the Transfer Agent and an account number assigned. You may be asked to provide information to verify your identity when opening an account.

Your Shareholder Servicing Agent may charge you a fee and may offer additional account services. Additionally, your Shareholder Servicing Agent may have procedures for placing orders for Premium Shares that differ from those of the Fund, such as different investment minimums or earlier trading deadlines. Please contact your Shareholder Servicing Agent directly for more information and details.

Shares of the Fund are only registered for sale in the United States and certain of its territories. Consequently, the Fund generally does not accept investments from non-U.S. residents.

How to Buy Shares

- **Plan Participant.** Invest through payroll deductions or make a direct contribution by rolling over an amount from another 401(k) plan or from a rollover IRA (make arrangements through your employer). If you are investing through a Shareholder Servicing Agent, your Shareholder Servicing Agent is responsible for properly transmitting your purchase order to the Transfer Agent and may impose an earlier deadline than the Fund, as described below.
- **Tax-deferred Investor.** Invest through a Shareholder Servicing Agent as provided in your benefit plan documents. Your Shareholder Servicing Agent, plan sponsor or administrator is responsible for properly transmitting your purchase order to the Transfer Agent and may impose an earlier deadline for purchase and redemption orders than the Fund, as described below.
- **Qualified Buyer.** Invest through an account set up with your Shareholder Servicing Agent. Your Shareholder Servicing Agent is responsible for properly transmitting your purchase order to the Transfer Agent and may impose an earlier deadline than the Fund, as described below.
- **Direct Buyer.** See the “Special Instructions for Direct Buyers” section of this prospectus.

The Fund is generally open Monday through Friday and is closed on weekends and generally closed on all other days that the primary markets for the Master Portfolio’s portfolio securities (i.e., the bond markets) are closed or the Fedwire Funds Service is closed. The holidays on which both the Fedwire and the bond markets are closed currently are: New Year’s Day, Martin Luther King, Jr. Day, Presidents’ Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day. The Fund is also closed on Good Friday.

To purchase shares of the Fund, you should contact your financial professional or selected securities dealer, broker, investment adviser, service provider or industry professional (including BlackRock, Inc. (“BlackRock”) and its affiliates) (each, a “Financial Intermediary”), or, if you hold your shares through the Fund, you should contact the Fund by phone at 1-888-204-3956, or by mail to State Street Bank and Trust Company, Attn: Quincy Nunnally-Transfer Agency, P.O. Box 5493, Boston, Massachusetts 02206. Orders must be received prior to the next NAV cut-off time to receive that NAV.

Your purchase order must be received in proper form by the Fund or State Street Bank and Trust Company prior to the deadlines noted below on any day the Fund is open (a “Business Day”) (or, if the Fund closes early, at such closing

time) to receive that NAV. However, the Fund may also honor a purchase order if the Fund can verify that the purchase order was submitted to a Financial Intermediary that is an authorized agent of the Fund before the applicable deadline.

The Fund will open for business and begin accepting purchase orders at 8:30 a.m. (Eastern time) on any Business Day. Purchase orders for the Fund's Premium Shares must be received by 5:00 p.m. (Eastern time) on any Business Day.

Notwithstanding the foregoing, on any day that the principal bond markets close early (as recommended by The Securities Industry Financial Markets Association ("SIFMA")) or the Federal Reserve Bank of Philadelphia or the New York Stock Exchange (the "NYSE") closes early¹, the Fund may advance the time on that day by which a purchase order must be placed so that it will be effected and begin to earn dividends that day.

Orders received after the applicable deadline for the Fund on any Business Day (or, if the Fund closes early, at such closing time) will be cancelled.

Payment for Premium Shares of the Fund may be made only in federal funds or other immediately available funds. **You may be charged for any costs incurred, including any costs incurred to recompute the Fund's NAV, in connection with a purchase order that has been placed but for which the Fund has not received full payment by the close of the federal funds wire (normally 6:00 p.m. Eastern time) on the day the purchase order was placed.** This payment deadline may be extended by one Business Day where a purchase order is processed through certain electronic platforms where same-day cash settlement is impracticable. The Fund will notify a shareholder or Financial Intermediary if its purchase order or payment was not received by an applicable deadline.

The Fund reserves the right to suspend or discontinue the offer and sale of its shares and reject or cancel any purchase order for any reason.

How to Sell Shares

- **Plan participant and tax-deferred investor.** Contact your plan sponsor, administrator or Shareholder Servicing Agent. Your Shareholder Servicing Agent is responsible for properly transmitting your sale order to the Transfer Agent.
- **Qualified buyer.** Contact your Shareholder Servicing Agent. Your Shareholder Servicing Agent is responsible for properly transmitting your sale order to the Transfer Agent.
- **Direct buyer.** See the "Special Instructions for Direct Buyers" section of this prospectus.

To redeem shares of the Fund, you should contact your Financial Intermediary or financial professional, or, if you hold your shares through the Fund, you should contact the Fund by phone at 1-888-204-3956, or by mail to State Street Bank and Trust Company, Attn: Quincy Nunnally-Transfer Agency, P.O. Box 5493, Boston, Massachusetts 02206. Redemption orders may be placed either in number of shares or in dollars.

The Fund will open for business and begin accepting redemption orders at 8:30 a.m. (Eastern time) on any Business Day. The Fund will accept redemption orders until 5:00 p.m. (Eastern time) on any Business Day.

Your redemption order must be received in proper form by State Street Bank and Trust Company or your Shareholder Servicing Agent pursuant to an appropriate agreement by the applicable deadline (or, if the Fund closes early, by such closing time) to sell shares at that NAV. Orders received after the applicable deadline for the Fund on any Business Day (or, if the Fund closes early, at such closing time) will be cancelled.

If redemption orders are received by State Street Bank and Trust Company on a Business Day by the established deadlines, payment for redeemed Fund shares will typically be wired in federal funds on that same day. The Fund can delay payment for one Business Day.

If you purchased shares through a Financial Intermediary that entity may have its own earlier deadlines for the receipt of the redemption order.

Where a redemption order is processed through certain electronic platforms where same-day cash settlement is impracticable, payment for redeemed shares will generally be delayed by one Business Day. If the Federal Reserve Bank of Philadelphia is closed on the day the redemption proceeds would otherwise be wired, wiring of the redemption proceeds may be delayed by one additional Business Day.

Notwithstanding the foregoing, on any day that the principal bond markets close early (as recommended by SIFMA) or the Federal Reserve Bank of Philadelphia or the NYSE closes early, the Fund may advance the time on that day by which a redemption order must be placed so that it will be effected that day.

The Fund reserves the right to redeem your shares automatically and close your account for any reason, subject to applicable law, and send you the proceeds. For example, the Fund may redeem your shares automatically to reimburse the Fund for any losses sustained by reason of your failure to make full payment for shares purchased or to collect any

¹ SIFMA currently recommends an early close for the bond markets on the following dates: May 24, July 3, November 29, December 24 and December 31, 2024 and April 17, 2025. The NYSE will close early on July 3, November 29 and December 24, 2024.

charge relating to a transaction effected for your benefit that is applicable to the Fund's shares, as provided from time to time in this prospectus. In addition, the Fund reserves the right to send your redemption proceeds in the form of securities from the Master Portfolio. Any such redemption shall be effected at the NAV next determined after the redemption order is entered.

Under normal and stressed market conditions, the Fund typically expects to meet redemption requests by using cash or cash equivalents in its portfolio or by selling portfolio assets to generate additional cash.

Special Instructions for Direct Buyers

A direct buyer who has established an account with the Fund can add to or redeem from that account by phone or through the mail.

- To add or redeem shares by phone, call **1-888-204-3956** between 8:30 a.m. and 5:00 p.m. Eastern time on any Business Day (or, if the Fund closes early, at such closing time). The Transfer Agent will employ procedures designed to confirm that your order is valid. These may include asking for identifying information and recording the phone call. Neither the Transfer Agent nor the Fund may be held liable for acting on telephone instructions that the Transfer Agent reasonably believes to be valid. For redemptions, the Transfer Agent will wire proceeds directly to your designated bank account.⁽¹⁾

For purchases, you should instruct your bank to wire funds as follows:

State Street Bank and Trust Company
ABA # 011000028
Attn: Transfer Agent
Account # DDA 00330860
For Further Credit to: BlackRock Funds III
Shareholder Account Name:
Shareholder Account Number:
Fund Share Class Numbers:
1108 (BlackRock Cash Funds: Treasury — Premium Shares)

- To redeem shares by mail, indicate the dollar amount you wish to receive or the number of shares you wish to sell in your order to sell. Include the Fund's Share Class number and your account and taxpayer identification numbers. All account signatories must sign the order.
- A direct buyer can ask the Transfer Agent to wire proceeds directly to its designated bank account.⁽²⁾

Additional Purchase and Redemption Information

Upon receipt of a proper redemption request submitted in a timely manner and otherwise in accordance with the redemption procedures set forth in this prospectus, the Fund will redeem the requested shares and make a payment to you in satisfaction thereof no later than the Business Day following the redemption request.

The Fund may postpone and/or suspend redemption and payment beyond one Business Day only as follows:

- For any period during which there is a non-routine closure of the Federal Reserve wire system or applicable Federal Reserve Banks;
- For any period (1) during which the NYSE is closed other than customary week-end and holiday closings or (2) during which trading on the NYSE is restricted;
- For any period during which an emergency exists as a result of which (1) disposal of securities owned by the Fund is not reasonably practicable or (2) it is not reasonably practicable for the Fund to fairly determine the NAV of shares of the Fund;
- For any period during which the SEC has, by rule or regulation, deemed that (1) trading shall be restricted or (2) an emergency exists;
- For any period that the SEC may by order permit for your protection; or
- For any period during which the Fund, as part of a necessary liquidation of the Fund, has properly postponed and/or suspended redemption of shares and payment in accordance with federal securities laws (as discussed below).

⁽¹⁾ The following procedures are intended to help prevent fraud. If you wish to make a change to your list of authorized traders, you must provide a written request signed by an authorized signer on your account. If you wish to change your bank wire instructions or list of authorized signers, you must make your request in writing and include a medallion signature guarantee and provide a corporate resolution of a recent date or other documentation as determined by the Transfer Agent. You can obtain a medallion signature guarantee from most banks and securities dealers. A medallion signature guarantee is not a notarized signature.

⁽²⁾ To help prevent fraud, if you direct the sale proceeds to someone other than your account's owner of record, to an address other than your account's address of record or to a bank not designated previously, you must make your request in writing and include a medallion signature guarantee and provide a corporate resolution of a recent date or other documentation as determined by the Transfer Agent. You can obtain a medallion signature guarantee from most banks and securities dealers. A medallion signature guarantee is not a notarized signature.

If the Board, including a majority of the non-interested Trustees, determines either that (1) the Fund has invested, at the end of a business day, less than 10% of its total assets in weekly liquid assets, or (2) the Fund's calculated NAV per share has deviated from \$1.00 or such deviation is likely to occur; then the Board, subject to certain conditions, may in the case that the Board has determined to liquidate the Fund irrevocably, suspend redemptions and payment of redemption proceeds in order to facilitate the permanent liquidation of the Fund in an orderly manner. If this were to occur, it would likely result in a delay in your receipt of your redemption proceeds.

The Fund reserves the right to advance the time for accepting purchase or redemption orders on any day when the NYSE, bond markets (as recommended by SIFMA) or the Federal Reserve Bank of Philadelphia closes early, trading on the NYSE is restricted, an emergency arises or as otherwise permitted by the SEC. See "How to Buy Shares" and "How to Sell Shares" for further information. In addition, the Board may, for any Business Day, decide to change the time as of which the Fund's NAV is calculated in response to new developments such as altered trading hours, or as otherwise permitted by the SEC.

In the event the bond markets do not open for business because of an emergency or other unanticipated event, the Fund may, but is not required to, open for purchase or redemption transactions if the Fedwire Funds Service is open. To learn whether the Fund is open for business during an emergency or an unanticipated bond market closing, please call (800) 441-7450.

Under certain circumstances, if no activity occurs in an account within a time period specified by state law, a shareholder's shares in the Fund may be transferred to that state.

Distribution and Shareholder Servicing Payments

Plan Payments

The Fund has adopted a shareholder servicing plan for certain share classes of the Fund (the "Plan") that allows the Fund to pay shareholder servicing fees for certain services provided to its shareholders for such share classes.

The shareholder servicing fees payable pursuant to the Plan are paid to compensate Financial Intermediaries for the administration and servicing of shareholder accounts and are not costs which are primarily intended to result in the sale of the Fund's shares. Because the fees paid by the Fund under the Plan are paid out of the Fund's assets on an ongoing basis, over time these fees will increase the cost of your investment in the shares of the Fund and may cost you more than paying other types of sales charges.

Other Payments by the Fund

In addition to shareholder servicing fees that the Fund may pay to a Financial Intermediary pursuant to the Plan and fees the Fund pays to its transfer agent, BFA, on behalf of the Fund, may enter into non-Plan agreements with affiliated and unaffiliated Financial Intermediaries pursuant to which the Fund will pay a Financial Intermediary for administrative, networking, recordkeeping, sub-transfer agency, sub-accounting and/or shareholder services. These non-Plan payments are generally based on either (1) a percentage of the average daily net assets of Fund shareholders serviced by a Financial Intermediary or (2) a fixed dollar amount for each account serviced by a Financial Intermediary. The aggregate amount of these payments may be substantial.

Other Payments by BlackRock

From time to time, BFA, the Fund's distributor or their affiliates also may pay a portion of the fees for administrative, networking, recordkeeping, sub-transfer agency, sub-accounting and shareholder services described above at its or their own expense and out of its or their profits. BFA, the Fund's distributor and their affiliates may also compensate affiliated and unaffiliated Financial Intermediaries for the sale and distribution of shares of the Fund. These payments would be in addition to the Fund payments described in this prospectus and may be a fixed dollar amount, may be based on the number of customer accounts maintained by the Financial Intermediary, may be based on a percentage of the value of shares sold to, or held by, customers of the Financial Intermediary or may be calculated on another basis. The aggregate amount of these payments by BFA, the Fund's distributor and their affiliates may be substantial and, in some circumstances, may create an incentive for a Financial Intermediary, its employees or associated persons to recommend or sell shares of the Fund to you.

Please contact your Financial Intermediary for details about payments it may receive from the Fund or from BFA, the Fund's distributor or their affiliates. For more information, see the SAI.

Calculating the Share Price

The price you pay when you purchase or redeem the Fund's shares is the NAV next determined after confirmation of your order.

The share price of Premium Shares of the Fund is calculated by dividing the value of the net assets of the Fund attributable to Premium Shares (*i.e.*, the value of its total assets less total liabilities) by the total number of outstanding shares of such share class. The NAV per share is generally rounded to the nearest cent for the Fund.

The Fund's NAV per share is calculated on each Business Day based on the NAV of the Master Portfolio. Generally, trading in U.S. Government securities, short-term debt securities, and money market instruments is substantially completed each day at various times prior to the close of business on the NYSE. The values of such securities used in computing the NAV of the Master Portfolio's shares are determined as of such times.

In computing NAV, the Master Portfolio uses the amortized cost method of valuation, meaning that the calculation is based on a valuation of the assets held by the Master Portfolio at cost, with an adjustment for any discount or premium on a security at the time of purchase. The Fund's SAI includes more information about the methods for valuing the Master Portfolio's investments.

The NAV of the Fund is determined on each Business Day as of 5:00 p.m. (Eastern time) (or, if the Fund closes early, at such closing time).

Fund Distributions

The Fund declares distributions of its net investment income daily and distributes them monthly to shareholders. The Fund distributes its net realized capital gains, if any, to shareholders at least annually. Distributions payable to you by the Fund will be automatically reinvested in additional shares of the Fund unless you have elected to receive distribution payments in cash.

You begin earning distributions on your shares the day your purchase order takes effect. You continue earning daily distributions on your shares up to but not including the date you sell them.

The Fund credits distributions earned on weekends and holidays to the preceding Business Day. If you sell shares before the monthly distribution payment date, the Fund remits any distributions declared but not yet paid on the next distribution payment date. If you sell all shares before the monthly distribution payment date, the Fund remits all distributions accrued with the sale proceeds.

Short-Term Trading Policy

Market timing is an investment technique involving frequent short-term trading of mutual fund shares designed to exploit market movements or inefficiencies in the way a mutual fund prices its shares. The Boards of Trustees of the Trust and MIP have evaluated the risks of market timing activities by the Fund's shareholders and have determined that due to (i) the nature of the Fund's portfolio holdings; (ii) the nature of the Fund's shareholders; and (iii) the Fund's policy of seeking to maintain the Fund's NAV per share at \$1.00 each day, it is unlikely that (a) market timing would be attempted by the Fund's shareholders or (b) any attempts to market time the Fund by shareholders would result in a negative impact to the Fund or its shareholders. As a result, the Boards of Trustees of the Trust and MIP have not adopted policies and procedures to deter short-term trading in the Fund. There can be no assurances, however, that the Fund may not, on occasion, serve as a temporary or short-term investment vehicle for those who seek to market time funds offered by other investment companies.

Federal Taxes

The following discussion regarding U.S. federal income taxes is based upon laws in effect as of the date of this prospectus and summarizes only some of the important U.S. federal income tax considerations affecting the Fund and its U.S. shareholders. This discussion is not intended as a substitute for careful tax planning. Please see the Fund's SAI for additional U.S. federal income tax information.

Distributions from your Fund's net investment income and net realized capital gains are taxable, whether you choose to receive them in cash or automatically reinvest them in additional Fund shares. The amount of taxes you owe will vary depending on your tax status and based on the amount and character of the Fund's distributions to you and your tax rate.

Distributions from the Fund generally are taxable as follows:

Distribution Type	Tax Status
Income	Ordinary income ⁽¹⁾
Short-term capital gain	Ordinary income
Long-term capital gain	Long-term capital gain ⁽²⁾

⁽¹⁾ Distributions from the Fund paid to corporate shareholders will not qualify for the dividends-received deduction generally available to corporate taxpayers. Since the Fund's income is derived from sources that do not pay "qualified dividend income," income distributions from the net investment income of the Fund generally will not qualify for taxation at the maximum 20% U.S. federal income tax rate available to individuals on qualified dividend income.

⁽²⁾ Normally, the Fund does not expect to realize or distribute a significant amount of long-term capital gains (if any).

Provided the Fund is able to maintain a constant NAV per share of \$1.00, sales of the Fund's shares generally will not result in taxable gain or loss. After the end of each year, the Fund will send to you a notice that tells you how much you have received in distributions during the year and their U.S. federal income tax status. You could also be subject to foreign, state and local taxes on such distributions.

In certain circumstances, you may be subject to backup withholding taxes on distributions to you from the Fund if you fail to provide the Fund with your correct social security number or other taxpayer identification number, or to make required certifications, or if you have been notified by the U.S. Internal Revenue Service ("IRS") that you are subject to backup withholding.

A 3.8% Medicare tax is imposed on the net investment income (which includes, but is not limited to, interest, dividends and net gain from investments) of U.S. individuals with income exceeding \$200,000, or \$250,000 if married filing jointly, and of trusts and estates.

If you are neither a tax resident nor a citizen of the United States or if you are a foreign entity (other than a pass-through entity to the extent owned by U.S. persons), the Fund's ordinary income dividends will generally be subject to a 30% U.S. withholding tax, unless a lower treaty rate applies. However, certain distributions reported by the Fund as capital gain dividends, interest-related dividends or short-term capital gain dividends and paid to a foreign shareholder may be eligible for an exemption from U.S. withholding tax.

Separately, a 30% withholding tax is currently imposed on U.S.-source dividends, interest and other income items paid to (i) certain foreign financial institutions and investment funds, and (ii) certain other foreign entities. To avoid withholding, foreign financial institutions and investment funds will generally either need to (a) collect and report to the IRS detailed information identifying their U.S. accounts and U.S. account holders, comply with due diligence procedures for identifying U.S. accounts and withhold tax on certain payments made to noncomplying foreign entities and account holders or (b) if an intergovernmental agreement is entered into and implementing legislation is adopted, comply with the agreement and legislation. Other foreign entities will generally either need to provide detailed information identifying each substantial U.S. owner or certify there are no such owners.

Tax considerations for tax-exempt or foreign investors or those holding Fund shares through a tax-deferred account, such as a 401(k) plan or IRA, are generally different. For example, shareholders that are exempt from U.S. federal income tax, such as retirement plans that are qualified under Section 401 of the Internal Revenue Code generally are not subject to U.S. federal income tax on Fund dividends or distributions or on sales of Fund shares. Because each investor's tax circumstances are unique and because tax laws are subject to change, you should consult your tax adviser about your investment.

Master/Feeder Mutual Fund Structure

The Fund does not have its own investment adviser. Instead, the Fund invests all of its assets in the Master Portfolio, which has an investment objective, strategies and policies substantially identical to those of the Fund. BFA serves as investment adviser to the Master Portfolio. The Master Portfolio may accept investments from other feeder funds. Certain actions involving other feeder funds, such as a substantial withdrawal, could affect the Master Portfolio and, therefore, the Fund.

Feeder Fund Expenses

Feeder funds, including the Fund, bear their respective master portfolio's expenses in proportion to the amount of assets each invests in the master portfolio. The feeder fund can set its own transaction minimums, fund-specific expenses and conditions.

Feeder Fund Rights

Under the master/feeder structure, the Board retains the right to withdraw the Fund's assets from its Master Portfolio if it believes doing so is in the best interests of the Fund's shareholders. If the Board decides to withdraw the Fund's assets, it would then consider whether the Fund should hire its own investment adviser, invest in another master portfolio or take other action.

Management of the Fund

Investment Adviser

The Fund is a “feeder” fund that invests all of its assets in the Master Portfolio that has an investment objective, strategies and policies substantially identical to those of the Fund. BFA, a registered investment adviser, serves as investment adviser to the Master Portfolio. BFA manages the investment of the Master Portfolio’s assets and provides the Master Portfolio with investment guidance and policy direction in connection with daily portfolio management, subject to the supervision of MIP’s Board of Trustees. For its services to the Master Portfolio, BFA is entitled to receive a management fee at the annual rate of 0.10% of the Master Portfolio’s average daily net assets. BFA has contractually agreed to waive 0.03% of its management fee through June 30, 2025. BFA and BlackRock Advisors, LLC (“BAL”), the Fund’s administrator, have voluntarily agreed to waive a portion of their respective fees and/or reimburse operating expenses to enable the Fund and Master Portfolio to maintain minimum levels of daily net investment income. BFA and BAL may discontinue this waiver and/or reimbursement at any time without notice.

For the fiscal year ended December 31, 2023, BFA received a management fee, net of any applicable waivers, at an annual rate as a percentage of average daily net assets of the Master Portfolio as follows:

Master Portfolio	Management Fee Rates (Net of Applicable Waivers)
Treasury Money Market Master Portfolio	0.07%

BFA is located at 400 Howard Street, San Francisco, California 94105. BFA is an indirect wholly-owned subsidiary of BlackRock. As of March 31, 2024, BFA and its affiliates had approximately \$10.472 trillion in investment company and other portfolio assets under management.

A discussion regarding the basis for MIP’s Board of Trustees’ approval of the investment advisory agreement with BFA is available in the Fund’s semi-annual report for the period ended June 30, 2023.

From time to time, a manager, analyst, or other employee of BlackRock or its affiliates may express views regarding a particular asset class, company, security, industry, or market sector. The views expressed by any such person are the views of only that individual as of the time expressed and do not necessarily represent the views of BlackRock or any other person within the BlackRock organization. Any such views are subject to change at any time based upon market or other conditions and BlackRock disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for the Master Portfolio are based on numerous factors, may not be relied on as an indication of trading intent on behalf of the Master Portfolio.

Administrative Services

BAL provides the following services, among others, as the Fund’s administrator:

- Supervises the Fund’s administrative operations;
- Provides or causes to be provided management reporting and treasury administration services;
- Financial reporting;
- Legal, blue sky and tax services;
- Preparation of proxy statements and shareholder reports; and
- Engaging and supervising the shareholder servicing agents on behalf of the Fund.

BAL is entitled to receive fees for these services at the annual rate of 0.10% of the average daily net assets of Premium Shares of the Fund. In addition to performing these services, BAL has agreed to bear all costs of operating the Fund, other than brokerage expenses, advisory fees, any 12b-1 fees, certain fees and expenses related to the Trust’s trustees who are not “interested persons” of the Fund or the Trust as defined in the 1940 Act and their counsel, auditing fees, litigation expenses, taxes or extraordinary expenses. No additional administration fees are charged at the Master Portfolio level.

Conflicts of Interest

The investment activities of BFA and its affiliates (including BlackRock, Inc. and its subsidiaries (collectively, the “Affiliates”)), and their respective directors, officers or employees, in the management of, or their interest in, their own accounts and other accounts they manage, may present conflicts of interest that could disadvantage the Fund and its shareholders.

BFA and its Affiliates provide investment management services to other funds and discretionary managed accounts that may follow investment programs similar to that of the Fund. BFA and its Affiliates are involved worldwide with a broad spectrum of financial services and asset management activities and may engage in the ordinary course of business in activities in which their interests or the interests of their clients may conflict with those of the Fund. BFA or one or more Affiliates act or may act as an investor, research provider, investment manager, commodity pool operator, commodity trading advisor, financier, underwriter, adviser, trader, lender, index provider, agent and/or principal, and have other direct and indirect interests in securities, currencies, commodities, derivatives and other instruments in which the Fund may directly or indirectly invest. The Fund may invest in securities of, or engage in other transactions with, companies with which an Affiliate has significant debt or equity investments or other interests. The Fund may also invest in issuances (such as structured notes) by entities for which an Affiliate provides and is compensated for cash management services relating to the proceeds from the sale of such issuances. The Fund also may invest in securities of, or engage in other transactions with, companies for which an Affiliate provides or may in the future provide research coverage. An Affiliate may have business relationships with, and purchase, or distribute or sell services or products from or to, distributors, consultants or others who recommend the Fund or who engage in transactions with or for the Fund, and may receive compensation for such services. BFA or one or more Affiliates may engage in proprietary trading and advise accounts and funds that have investment objectives similar to those of the Fund and/or that engage in and compete for transactions in the same types of securities, currencies and other instruments as the Fund. This may include transactions in securities issued by other open-end and closed-end investment companies (which may include investment companies that are affiliated with the Fund and BFA, to the extent permitted under the Investment Company Act). The trading activities of BFA and these Affiliates are carried out without reference to positions held directly or indirectly by the Fund and may result in BFA or an Affiliate having positions in certain securities that are senior or junior to, or have interests different from or adverse to, the securities that are owned by the Fund.

Neither BFA nor any Affiliate is under any obligation to share any investment opportunity, idea or strategy with the Fund. As a result, an Affiliate may compete with the Fund for appropriate investment opportunities. The results of the Fund’s investment activities, therefore, may differ from those of an Affiliate and of other accounts managed by BFA or an Affiliate, and it is possible that the Fund could sustain losses during periods in which one or more Affiliates and other accounts achieve profits on their trading for proprietary or other accounts. The opposite result is also possible.

In addition, the Fund may, from time to time, enter into transactions in which BFA or an Affiliate or their directors, officers or employees or other clients have an adverse interest. Furthermore, transactions undertaken by clients advised or managed by BFA or its Affiliates may adversely impact the Fund. Transactions by one or more clients or BFA or its Affiliates or their directors, officers or employees, may have the effect of diluting or otherwise disadvantaging the values, prices or investment strategies of the Fund. The Fund’s activities may be limited because of regulatory restrictions applicable to BFA or one or more Affiliates and/or their internal policies designed to comply with such restrictions.

Under a securities lending program approved by MIP’s Board of Trustees, MIP, on behalf of the Master Portfolio, has retained BlackRock Institutional Trust Company, N.A., an Affiliate of BFA, to serve as the securities lending agent for the Master Portfolio to the extent that the Master Portfolio participates in the securities lending program. For these services, the securities lending agent will receive a fee from the Master Portfolio based on the returns earned on the Master Portfolio’s lending activities, including investment of the cash received as collateral for the loaned securities. In addition, one or more Affiliates may be among the entities to which the Master Portfolio may lend its portfolio securities under the securities lending program.

The activities of BFA and its Affiliates and their respective directors, officers or employees, may give rise to other conflicts of interest that could disadvantage the Fund and its shareholders. BFA has adopted policies and procedures designed to address these potential conflicts of interest. See the SAI for further information.

Financial Highlights

The financial highlights tables are intended to help investors understand the financial performance of the Fund for the periods shown. Certain information reflects financial results for a single Fund share. The total returns in the tables represent the rate of return that an investor would have earned (or lost) on an investment in the Fund, assuming reinvestment of all dividends and/or distributions. The information has been audited by PricewaterhouseCoopers LLP, whose report along with the Fund's audited financial statements, is included in the Fund's combined annual report. You may obtain copies of the annual report, at no cost, by calling 1-888-204-3956 (toll-free) from 8:30 a.m. to 6:00 p.m. Eastern time on any Business Day.

There were no Premium Shares of the Fund outstanding as of December 31, 2023; as a result, the table below sets forth selected financial data for a SL Agency Share of the Fund outstanding throughout each year presented.

(For a share outstanding throughout each period)	BlackRock Cash Funds: Treasury				
	SL Agency				
	Year Ended 12/31/23	Year Ended 12/31/22	Year Ended 12/31/21	Year Ended 12/31/20	Year Ended 12/31/19
Net asset value, beginning of year	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
Net investment income	0.0497	0.0157	0.0001	0.0042	0.0213
Net realized and unrealized gain	0.0000 ^(a)	0.0000 ^{(a)(b)}	0.0000 ^(a)	0.0001	0.0000 ^(a)
Net increase from investment operations	0.0497	0.0157	0.0001	0.0043	0.0213
Distributions^(c)					
From net investment income	(0.0497)	(0.0157)	(0.0001)	(0.0042)	(0.0213)
From net realized gain	—	(0.0000) ^(d)	(0.0000) ^(d)	(0.0001)	(0.0000) ^(d)
Total distributions	(0.0497)	(0.0157)	(0.0001)	(0.0043)	(0.0213)
Net asset value, end of year	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
Total Return^(e)					
Based on net asset value	5.08%	1.58%	0.01%	0.43%	2.15%
Ratios to Average Net Assets					
Total expenses	0.09%	0.09%	0.09%	0.09%	0.09%
Total expenses after fees waived and/or reimbursed	0.09%	0.09%	0.06%	0.09%	0.09%
Net investment income	4.99%	1.60%	0.00% ^(f)	0.37%	2.10%
Supplemental Data					
Net assets, end of year (000)	\$15,442,877	\$14,479,392	\$18,813,987	\$11,008,718	\$10,620,209

^(a) Amount is less than \$0.00005 per share.

^(b) The amounts reported for a share outstanding may not accord with the change in aggregate gains and losses in securities for the fiscal period due to the timing of capital share transactions in relation to the fluctuating market values of the Fund's underlying securities.

^(c) Distributions for annual periods determined in accordance with U.S. federal income tax regulations.

^(d) Amount is greater than \$(0.00005) per share.

^(e) Where applicable, assumes the reinvestment of distributions.

^(f) Amount is less than 0.005%.

General Information

Shareholder Documents

Electronic Access to Annual Reports, Semi-Annual Reports and Prospectuses

Electronic copies of most financial reports and prospectuses are available on BlackRock's website at www.blackrock.com/prospectus/cash.

Shareholders Who Hold Accounts with Investment Advisers, Banks or Brokerages: Please contact your financial professional. Please note that not all investment advisers, banks or brokerages may offer this service.

Delivery of Shareholder Documents

The Fund delivers only one copy of shareholder documents, including prospectuses, shareholder reports and proxy statements, to shareholders with multiple accounts at the same address. This practice is known as "householding" and is intended to eliminate duplicate mailings and reduce expenses. Mailings of your shareholder documents may be househanded indefinitely unless you instruct us otherwise. If you do not want the mailing of these documents to be combined with those for other members of your household, please contact the Fund's Transfer Agent at (888) 204-3956.

Certain Fund Policies

Anti-Money Laundering Requirements

The Fund is subject to the USA PATRIOT Act (the "Patriot Act"). The Patriot Act is intended to prevent the use of the U.S. financial system in furtherance of money laundering, terrorism or other illicit activities. Pursuant to requirements under the Patriot Act, the Fund is required to obtain sufficient information from shareholders to enable it to form a reasonable belief that it knows the true identity of its shareholders. This information will be used to verify the identity of investors or, in some cases, the status of Financial Intermediaries. Such information may be verified using third-party sources. This information will be used only for compliance with the requirements of the Patriot Act or other applicable laws, regulations and rules in connection with money laundering, terrorism or economic sanctions.

The Fund reserves the right to reject purchase orders from persons who have not submitted information sufficient to allow the Fund to verify their identity. The Fund also reserves the right to redeem any amounts in the Fund from persons whose identity it is unable to verify on a timely basis. It is the Fund's policy to cooperate fully with appropriate regulators in any investigations conducted with respect to potential money laundering, terrorism or other illicit activities.

BlackRock Privacy Principles

BlackRock is committed to maintaining the privacy of its current and former Fund investors and individual clients (collectively, "Clients") and to safeguarding their non-public personal information. The following information is provided to help you understand what personal information BlackRock collects, how we protect that information and why in certain cases we share such information with select parties.

If you are located in a jurisdiction where specific laws, rules or regulations require BlackRock to provide you with additional or different privacy-related rights beyond what is set forth below, then BlackRock will comply with those specific laws, rules or regulations.

BlackRock obtains or verifies personal non-public information from and about you from different sources, including the following: (i) information we receive from you or, if applicable, your financial intermediary, on applications, forms or other documents; (ii) information about your transactions with us, our affiliates, or others; (iii) information we receive from a consumer reporting agency; and (iv) from visits to our website.

BlackRock does not sell or disclose to non-affiliated third parties any non-public personal information about its Clients, except as permitted by law, or as is necessary to respond to regulatory requests or to service Client accounts. These non-affiliated third parties are required to protect the confidentiality and security of this information and to use it only for its intended purpose.

We may share information with our affiliates to service your account or to provide you with information about other BlackRock products or services that may be of interest to you. In addition, BlackRock restricts access to non-public personal information about its Clients to those BlackRock employees with a legitimate business need for the information. BlackRock maintains physical, electronic and procedural safeguards that are designed to protect the non-public personal information of its Clients, including procedures relating to the proper storage and disposal of such information.

Statement of Additional Information

If you would like further information about the Fund, including how it invests, please see the SAI.

For a discussion of the Fund's policies and procedures regarding the selective disclosure of its portfolio holdings, please see the SAI.

Glossary

This glossary contains an explanation of some of the common terms used in this prospectus. For additional information about the Fund, please see the SAI.

Annual Class Operating Expenses — expenses that cover the costs of operating a share class of the Fund.

Daily Liquid Assets — include (i) cash; (ii) direct obligations of the U.S. Government; (iii) securities that will mature, as determined without reference to the maturity shortening provisions of Rule 2a-7 regarding interest rate readjustments, or are subject to a demand feature that is exercisable and payable within one business day; and (iv) amounts receivable and due unconditionally within one business day on pending sales of portfolio securities.

Distribution Fees — fees used to support the Fund's marketing and distribution efforts, such as compensating financial professionals and other financial intermediaries, advertising and promotion.

Dollar-Weighted Average Life — the dollar-weighted average maturity of the Fund's portfolio calculated without reference to the exceptions used for variable or floating rate securities regarding the use of the interest rate reset dates in lieu of the security's actual maturity date. "Dollar-weighted" means the larger the dollar value of a debt security based on its market value in the Fund, the more weight it gets in calculating this average.

Dollar-Weighted Average Maturity — the average maturity of the Fund is the average amount of time until the organizations that issued the debt securities in the Fund's portfolio must pay off the principal amount of the debt. "Dollar-weighted" means the larger the dollar value of a debt security based on its market value in the Fund, the more weight it gets in calculating this average. To calculate the dollar-weighted average maturity, the Fund may treat a variable or floating rate security as having a maturity equal to the time remaining to the security's next interest rate reset date or the period remaining until the principal amount can be recovered through demand rather than the security's actual maturity.

Eligible Securities — Applicable Eligible Securities include:

- securities with a remaining maturity of 397 calendar days or less (with certain exceptions) that BFA determines present minimal credit risks to the fund after considering certain factors;
- securities issued by other registered investment companies that are money market funds; or
- securities issued or guaranteed as to principal or interest by the U.S. Government or any of its agencies or instrumentalities.

Management Fee — a fee paid to BFA for managing the Master Portfolio.

Other Expenses — include accounting, administration, transfer agency, custody, professional and registration fees.

Shareholder Servicing Fees — fees used to compensate securities dealers and other financial intermediaries for certain shareholder servicing activities.

Weekly Liquid Assets — include (i) cash; (ii) direct obligations of the U.S. Government; (iii) U.S. Government securities issued by a person controlled or supervised by and acting as an instrumentality of the U.S. Government pursuant to authority granted by the U.S. Congress, that are issued at a discount to the principal amount to be repaid at maturity without provision for the payment of interest and have a remaining maturity of 60 days or less; (iv) securities that will mature, as determined without reference to the maturity shortening provisions of Rule 2a-7 regarding interest rate readjustments, or are subject to a demand feature that is exercisable and payable within five business days; and (v) amounts receivable and due unconditionally within five business days on pending sales of portfolio securities.

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For More Information

Fund and Service Providers

THE FUND

BlackRock Funds III
BlackRock Cash Funds: Treasury
400 Howard Street
San Francisco, California 94105
1-888-204-3956

MANAGER

BlackRock Fund Advisors
400 Howard Street
San Francisco, California 94105

TRANSFER AGENT

State Street Bank and Trust Company
Attn: Quincy Nunnally-Transfer Agency
1776 Heritage Drive
JAB/3
North Quincy, MA 02171

INDEPENDENT REGISTERED PUBLIC

ACCOUNTING FIRM

PricewaterhouseCoopers LLP
Two Commerce Square
2001 Market Street
Suite 1800
Philadelphia, Pennsylvania 19103

ACCOUNTING SERVICES PROVIDER

State Street Bank and Trust Company
One Congress Street, Suite 1
Boston, Massachusetts 02114-2016

DISTRIBUTOR

BlackRock Investments, LLC
50 Hudson Yards
New York, New York 10001

CUSTODIAN

State Street Bank and Trust Company
One Congress Street, Suite 1
Boston, Massachusetts 02114-2016

COUNSEL

Sidley Austin LLP
787 Seventh Avenue
New York, New York 10019-6018

Additional Information

This prospectus contains important information you should know before investing, including information about risks. Read it carefully and keep it for future reference. More information about BlackRock Funds III is available at no charge upon request. This information includes:

Annual/Semi-Annual Reports

These reports contain additional information about the Fund's investments. The annual report describes the Fund's performance, lists portfolio holdings, and discusses recent market conditions, economic trends and Fund investment strategies that significantly affected the Fund's performance for the last fiscal year.

Statement of Additional Information

A Statement of Additional Information ("SAI"), dated April 29, 2024, has been filed with the Securities and Exchange Commission (the "SEC"). The SAI, which includes additional information about the Fund, may be obtained free of charge, along with the Fund's annual and semi-annual reports, by calling 1-888-204-3956 on any business day. The SAI, as amended and/or supplemented from time to time, is incorporated by reference into this prospectus.

Questions

If you have any questions about the Fund, please:

Call: 1-888-204-3956 (toll-free)
8:30 a.m. to 6:00 p.m. (Eastern time)
on any business day.

World Wide Web

General fund information and specific fund performance, including SAI and annual/semi-annual reports, can be accessed free of charge at www.blackrock.com/cash. Mutual fund prospectuses and literature can also be requested via this website.

Written Correspondence

Write: State Street Bank and Trust Company
Attn: Quincy Nunnally-Transfer Agency
P.O. Box 5493
Boston, Massachusetts 02206

Overnight Mail

State Street Bank and Trust Company
Attn: Quincy Nunnally-Transfer Agency
1776 Heritage Drive
JAB/3
North Quincy, Massachusetts 02171

Portfolio Characteristics and Holdings

A description of the Fund's policies and procedures related to disclosure of portfolio characteristics and holdings is available in the SAI.

For information about portfolio holdings and characteristics, BlackRock fund shareholders and prospective investors may call 1-888-204-3956.

Securities and Exchange Commission

You may also view and copy public information about the Fund, including the SAI, by visiting the EDGAR database on the SEC's website (<http://www.sec.gov>). Copies of this information can be obtained, for a duplicating fee, by electronic request at the following e-mail address: publicinfo@sec.gov.

You should rely only on the information contained in this prospectus. No one is authorized to provide you with information that is different from information contained in this prospectus.

The SEC has not approved or disapproved these securities or passed upon the adequacy of this prospectus. Any representation to the contrary is a criminal offense.

INVESTMENT COMPANY ACT FILE # 811-07332