

BLACKROCK MUNIYIELD NEW JERSEY FUND, INC.

Form N-CSRS

April 05, 2017

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT
COMPANIES**

Investment Company Act file number 811-06570

Name of Fund: BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield New Jersey Fund, Inc., 55 East 52nd Street, New York, NY 10055

Registrant's telephone number, including area code: (800) 882-0052, Option 4

Date of fiscal year end: 07/31/2017

Date of reporting period: 01/31/2017

Item 1 Report to Stockholders

JANUARY 31, 2017

SEMI-ANNUAL REPORT (UNAUDITED)

BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

BlackRock MuniYield California Fund, Inc. (MYC)

BlackRock MuniYield Investment Fund (MYF)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Not FDIC Insured May Lose Value No Bank Guarantee

The Markets in Review

Dear Shareholder,

The 12 months ended January 31, 2017 was an exceptionally strong period for risk assets (such as stocks and high yield bonds), while higher-quality assets generated muted returns after struggling in the latter part of 2016. As the period began, worries about slowing growth in China and the instability of oil prices had global equity prices sliding. However, the broad market momentum shifted in the second half of 2016 as reflationary expectations in the United States helped drive a pick-up in global growth.

Markets were remarkably resilient during the period. Big surprises such as the United Kingdom's vote to leave the European Union and the outcome of the U.S. presidential election brought spikes in equity market volatility, but they were ultimately short-lived. Instead, investors used the sell-offs to seize upon buying opportunities, allowing markets to quickly rebound. We believe this reinforces the case for taking the long view rather than reacting to short-term market noise.

The global reflationary theme—rising nominal growth, wages and inflation—was the dominant driver of asset returns during the period, outweighing significant political upheavals and uncertainty. This trend accelerated after the U.S. election and continued into the beginning of 2017, stoked by expectations for an extra boost to U.S. growth via fiscal policy.

Although economic momentum is gaining traction, the capacity for rapid global growth is restrained by structural factors including an aging population, low productivity growth and excess savings. A tempered economic growth trend and high valuations across most assets have set the stage for muted investment returns going forward.

Equity markets still have room to move, although the disparity between winners and losers is widening, making stock selection increasingly important. Fixed income investors are also facing challenges as bond markets recalibrate to accommodate rising rates and higher inflation expectations. And in a world where political risk and policy uncertainty abound, there is no lack of potential catalysts for higher volatility.

In this environment, investors need to think globally, extend their scope across a broad array of asset classes and be nimble as market conditions change. We encourage you to talk with your financial advisor and visit blackrock.com for further insight about investing in today's markets.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of January 31, 2017

| | 6-month | 12-month |
|--|---------|----------|
| U.S. large cap equities (S&P 500® Index) | 5.96% | 20.04% |
| U.S. small cap equities (Russell 2000® Index) | 12.43 | 33.53 |
| International equities (MSCI Europe, Australasia, Far East Index) | 3.49 | 12.03 |
| Emerging market equities (MSCI Emerging Markets Index) | 4.92 | 25.41 |
| 3-month Treasury bills (BofA Merrill Lynch 3-Month U.S. Treasury Bill Index) | 0.20 | 0.37 |

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| | | |
|---|--------|--------|
| U.S. Treasury securities (BofA Merrill Lynch 10-Year U.S. Treasury Index) | (7.87) | (3.26) |
| U.S. investment grade bonds (Bloomberg Barclays U.S. Aggregate Bond Index) | (2.95) | 1.45 |
| Tax-exempt municipal bonds (S&P Municipal Bond Index) | (2.94) | 0.24 |
| U.S. high yield bonds (Bloomberg Barclays U.S. Corporate High Yield 2% Issuer Capped Index) | 6.09 | 20.77 |

Past performance is no guarantee of future results. Index performance is shown for illustrative purposes only. You cannot invest directly in an index.

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SEMI-ANNUAL REPORT

JANUARY 31, 2017

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Municipal Market Overview

For the Reporting Period Ended January 31, 2017

Municipal Market Conditions

Municipal bonds generated modestly positive performance for the period, in spite of vastly rising interest rates as a result of generally stronger economic data, signs of inflation pressures, Fed monetary policy normalization, and market expectations for pro-growth fiscal policy. However, ongoing reassurance from the Fed that rates would be increased gradually and would likely remain low overall resulted in strong demand for fixed income investments. Investors favored the income, relative yield, and stability of municipal bonds amid bouts of interest rate volatility (bond prices rise as rates fall) resulting from the United Kingdom's decision to leave the European Union, the contentious U.S. election, and widening central bank divergence i.e., policy easing outside the United States while the Fed slowly commences policy tightening. During the 12 months ended January 31, 2017, municipal bond funds garnered net inflows of approximately \$24 billion (based on data from the Investment Company Institute).

For the same 12-month period, total new issuance remained robust from a historical perspective at \$451 billion (significantly above the \$394 billion issued in the prior 12-month period). A noteworthy portion of new supply during this period was attributable to refinancing activity (roughly 60%) as issuers continued to take advantage of low interest rates and a flatter yield curve to reduce their borrowing costs.

| | |
|--------------------------------------|---------|
| S&P Municipal Bond Index | |
| Total Returns as of January 31, 2017 | |
| 6 months: | (2.94)% |
| 12 months: | 0.24% |

A Closer Look at Yields

From January 31, 2016 to January 31, 2017, yields on AAA-rated 30-year municipal bonds increased by 33 basis points (bps) from 2.75% to 3.08%, while 10-year rates rose by 61 bps from 1.71% to 2.32% and 5-year rates increased 63 bps from 1.00% to 1.63% (as measured by Thomson Municipal Market Data). The municipal yield curve modestly flattened over the 12-month period with the spread between 2- and 30-year maturities flattening by 9 bps and the spread between 10- and 30-year maturities flattening by 28 bps.

During the same time period, on a relative basis, tax-exempt municipal bonds broadly underperformed U.S. Treasuries with the greatest underperformance experienced in the intermediate part of the yield curve. In absolute terms, the positive performance of municipal bonds was driven largely by a supply/demand imbalance within the municipal market as investors sought income and incremental yield in an environment where opportunities became increasingly scarce. More broadly, municipal bonds came under pressure post the November U.S. election, erasing a bulk of year-to-date performance and influencing a strong pattern of mutual fund inflows to turn negative in the closing months of the period. The asset class is known for its lower relative volatility and preservation of principal with an emphasis on income as tax rates rise.

Financial Conditions of Municipal Issuers

The majority of municipal credits remain strong, despite well-publicized distress among a few issuers. Four of the five states with the largest amount of debt outstanding California, New York, Texas and Florida have exhibited markedly improved credit fundamentals during the slow national recovery. However, several states with the largest unfunded pension liabilities have seen their bond prices decline noticeably and remain vulnerable to additional price deterioration. On the local level, Chicago's credit quality downgrade is an outlier relative to other cities due to its larger pension liability and inadequate funding remedies. BlackRock maintains the view that municipal bond defaults will remain minimal and in the periphery while the overall market is fundamentally sound. We continue to advocate careful credit research and believe that a thoughtful approach to structure and security selection remains imperative amid uncertainty in a modestly improving economic environment.

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The opinions expressed are those of BlackRock as of January 31, 2017, and are subject to change at any time due to changes in market or economic conditions. The comments should not be construed as a recommendation of any individual holdings or market sectors. Investing involves risk including loss of principal. Bond values fluctuate in price so the value of your investment can go down depending on market conditions. Fixed income risks include interest-rate and credit risk. Typically, when interest rates rise, there is a corresponding decline in bond values. Credit risk refers to the possibility that the bond issuer will not be able to make principal and interest payments. There may be less information on the financial condition of municipal issuers than for public corporations. The market for municipal bonds may be less liquid than for taxable bonds. Some investors may be subject to Alternative Minimum Tax (AMT). Capital gains distributions, if any, are taxable.

The Standard & Poor's Municipal Bond Index, a broad, market value-weighted index, seeks to measure the performance of the U.S. municipal bond market. All bonds in the index are exempt from U.S. federal income taxes or subject to the alternative minimum tax. Past performance is no guarantee of future results. Index performance is shown for illustrative purposes only. It is not possible to invest directly in an index.

The Benefits and Risks of Leveraging

The Funds may utilize leverage to seek to enhance the distribution rate on, and net asset value (NAV) of, their common shares (Common Shares). However, these objectives cannot be achieved in all interest rate environments.

In general, the concept of leveraging is based on the premise that the financing cost of leverage, which is based on short-term interest rates, is normally lower than the income earned by a Fund on its longer-term portfolio investments purchased with the proceeds from leverage. To the extent that the total assets of the Funds (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, the Funds' shareholders benefit from the incremental net income. The interest earned on securities purchased with the proceeds from leverage is paid to shareholders in the form of dividends, and the value of these portfolio holdings is reflected in the per share NAV.

To illustrate these concepts, assume a Fund's Common Shares capitalization is \$100 million and it utilizes leverage for an additional \$30 million, creating a total value of \$130 million available for investment in longer-term income securities. If prevailing short-term interest rates are 3% and longer-term interest rates are 6%, the yield curve has a strongly positive slope. In this case, a Fund's financing costs on the \$30 million of proceeds obtained from leverage are based on the lower short-term interest rates. At the same time, the securities purchased by a Fund with the proceeds from leverage earn income based on longer-term interest rates. In this case, a Fund's financing cost of leverage is significantly lower than the income earned on a Fund's longer-term investments acquired from leverage proceeds, and therefore the holders of Common Shares (Common Shareholders) are the beneficiaries of the incremental net income.

However, in order to benefit Common Shareholders, the return on assets purchased with leverage proceeds must exceed the ongoing costs associated with the leverage. If interest and other costs of leverage exceed the Funds' return on assets purchased with leverage proceeds, income to shareholders is lower than if the Funds had not used leverage. Furthermore, the value of the Funds' portfolio investments generally varies inversely with the direction of long-term interest rates, although other factors can influence the value of portfolio investments. In contrast, the value of the Funds' obligations under their respective leverage arrangements generally does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Funds' NAVs positively or

negatively. Changes in the future direction of interest rates are very difficult to predict accurately, and there is no assurance that a Fund's intended leveraging strategy will be successful.

The use of leverage also generally causes greater changes in each Fund's NAV, market price and dividend rates than comparable portfolios without leverage. In a declining market, leverage is likely to cause a greater decline in the NAV and market price of a Fund's Common Shares than if the Fund were not leveraged. In addition, each Fund may be required to sell portfolio securities at inopportune times or at distressed values in order to comply with regulatory requirements applicable to the use of leverage or as required by the terms of leverage instruments, which may cause the Funds to incur losses. The use of leverage may limit a Fund's ability to invest in certain types of securities or use certain types of hedging strategies. Each Fund incurs expenses in connection with the use of leverage, all of which are borne by Common Shareholders and may reduce income to the Common Shares. Moreover, to the extent the calculation of the Funds' investment advisory fees includes assets purchased with the proceeds of leverage, the investment advisory fees payable to the Funds' investment adviser will be higher than if the Funds did not use leverage.

To obtain leverage, each Fund has issued Variable Rate Demand Preferred Shares (VRDP Shares), and/or leveraged its assets through the use of tender option bond trusts (TOB Trusts) as described in the Notes to Financial Statements.

Under the Investment Company Act of 1940, as amended (the 1940 Act), each Fund is permitted to issue debt up to ~~33%~~ 50% of its total managed assets or equity securities (e.g., Preferred Shares) up to 50% of its total managed assets. A Fund may voluntarily elect to limit its leverage to less than the maximum amount permitted under the 1940 Act. In addition, a Fund may also be subject to certain asset coverage, leverage or portfolio composition requirements imposed by the Preferred Shares' governing instruments or by agencies rating the Preferred Shares, which may be more stringent than those imposed by the 1940 Act.

If a Fund segregates or designates on its books and records cash or liquid assets having a value not less than the value of a Fund's obligations under the TOB Trust (including accrued interest), a TOB Trust is not considered a senior security and is not subject to the foregoing limitations and requirements under the 1940 Act.

Derivative Financial Instruments

The Funds may invest in various derivative financial instruments. These instruments are used to obtain exposure to a security, commodity, index, market, and/or other asset without owning or taking physical custody of securities, commodities and/or other referenced assets or to manage market, equity, credit, interest rate, foreign currency exchange rate, commodity and/or other risks. Derivative financial instruments may give rise to a form of economic leverage and involve risks, including the imperfect correlation between the value of a derivative financial instrument and the underlying asset, possible default of the counterparty to the

transaction or illiquidity of the instrument. The Funds' successful use of a derivative financial instrument depends on the investment adviser's ability to predict pertinent market movements accurately, which cannot be assured. The use of these instruments may result in losses greater than if they had not been used, may limit the amount of appreciation a Fund can realize on an investment and/or may result in lower distributions paid to shareholders. The Funds' investments in these instruments are discussed in detail in the Notes to Financial Statements.

Fund Summary as of January 31, 2017

BlackRock Muni New York Intermediate Duration Fund,
Inc.

Fund Overview

BlackRock Muni New York Intermediate Duration Fund, Inc. s (MNE) (the Fund) investment objective is to provide shareholders with high current income exempt from federal income tax and New York State and New York City personal income taxes. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income tax (except that the interest may be subject to the federal alternative minimum tax) and New York State and New York City personal income taxes. Under normal market conditions, the Fund invests at least 75% of its assets in municipal obligations that are investment grade quality, or are considered by the Fund s adviser to be of comparable quality, at the time of investment. Under normal market conditions, the Fund invests at least 80% of its assets in municipal obligations with a duration of three to ten years. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Fund Information

| | |
|---|----------------|
| Symbol on New York Stock Exchange (NYSE) | MNE |
| Initial Offering Date | August 1, 2003 |
| Yield on Closing Market Price as of January 31, 2017 (\$13.61) ¹ | 4.39% |
| Tax Equivalent Yield ² | 8.88% |
| Current Monthly Distribution per Common Share ³ | \$0.0498 |
| Current Annualized Distribution per Common Share ³ | \$0.5976 |
| Economic Leverage as of January 31, 2017 ⁴ | 38% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 50.59%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.

³ The distribution rate is not constant and is subject to change.

⁴ Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended January 31, 2017 were as follows:

| | Returns Based On | |
|---|------------------|---------|
| | Market Price | NAV |
| MNE ^{1,2} | (11.41)% | (5.71)% |
| Lipper Intermediate Municipal Debt Funds ³ | (6.35)% | (4.82)% |

¹ All returns reflect reinvestment of dividends and/or distributions.

²

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The Fund's discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Fund's absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. After producing slightly positive returns in August, municipal bonds began to move lower in September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions. The weakness accelerated in November once Donald Trump's election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. The municipal market subsequently stabilized and retraced some of its losses in December and January as the relative attractiveness of the asset class brought in new investors, but the modest rally was insufficient to make up for the earlier downturn. The New York municipal market faced the added challenge of elevated new-issue supply in late 2016.

At the sector level, exposure to the transportation, health care and education sectors detracted from performance. Holdings in longer-duration bonds, which were more sensitive to rising yields, also detracted. (Duration is a measure of interest-rate sensitivity.) Credit spreads widened during the period, so the Fund's holdings in lower-rated investment-grade bonds were a further detractor.

Portfolio income, which was enhanced by the Fund's use of leverage, made a positive contribution during a period of falling prices. However, leverage also served to accentuate the price declines associated with rising yields.

At a time when lower-quality, longer-dated bonds experienced the largest underperformance, the Fund's positions in high-quality, short-dated issues performed relatively well and helped mitigate the impact of the market decline. The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Fund's positioning had a positive effect on returns.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

**BlackRock Muni New York Intermediate Duration Fund,
Inc.**

Market Price and Net Asset Value Per Share Summary

| | 1/31/17 | 7/31/16 | Change | High | Low |
|-----------------|----------|----------|----------|----------|----------|
| Market Price | \$ 13.61 | \$ 15.75 | (13.59)% | \$ 16.30 | \$ 13.27 |
| Net Asset Value | \$ 15.01 | \$ 16.32 | (8.03)% | \$ 16.34 | \$ 14.80 |

Market Price and Net Asset Value History For the Past Five Years

Overview of the Fund's Total Investments*

| Sector Allocation | 1/31/17 | 7/31/16 |
|--|---------|---------|
| Transportation | 24% | 25% |
| County/City/Special District/School District | 21 | 21 |
| Education | 21 | 21 |
| Health | 10 | 12 |
| State | 10 | 7 |
| Utilities | 7 | 6 |
| Corporate | 3 | 4 |
| Housing | 3 | 3 |
| Tobacco | 1 | 1 |

For fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation¹

| | 1/31/17 | 7/31/16 |
|------------------|---------|---------|
| AAA/Aaa | 12% | 10% |
| AA/Aa | 49 | 48 |
| A | 22 | 23 |
| BBB/Baa | 12 | 12 |
| BB/Ba | 1 | 3 |
| N/R ² | 4 | 4 |

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either Standard & Poor's (S&P) or Moody's Investors Service (Moody's) if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2017 and July 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade each represents 4% of the Fund's total investments.

Call/Maturity Schedule³

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| Calendar Year Ended December 31, | |
|----------------------------------|----|
| 2017 | 4% |
| 2018 | 5 |
| 2019 | 9 |
| 2020 | 6 |
| 2021 | 16 |

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

* Excludes short-term securities.

SEMI-ANNUAL REPORT

JANUARY 31, 2017

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Fund Summary as of January 31, 2017

BlackRock MuniYield Arizona Fund, Inc.

Fund Overview

BlackRock MuniYield Arizona Fund, Inc. s (MZA) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and Arizona income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and Arizona income taxes. Under normal market conditions, the Fund expects to invest at least 75% of its assets in municipal obligations that are investment grade quality, or are considered by the Fund s adviser to be of comparable quality, at the time of investment. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Fund Information

| | |
|---|------------------|
| Symbol on NYSE MKT | MZA |
| Initial Offering Date | October 29, 1993 |
| Yield on Closing Market Price as of January 31, 2017 (\$14.90) ¹ | 4.99% |
| Tax Equivalent Yield ² | 9.24% |
| Current Monthly Distribution per Common Share ³ | \$0.062 |
| Current Annualized Distribution per Common Share ³ | \$0.744 |
| Economic Leverage as of January 31, 2017 ⁴ | 38% |

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 45.97%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended January 31, 2017 were as follows:

| | Returns Based On | |
|---|------------------|---------|
| | Market Price | NAV |
| MZA ^{1,2} | (13.61)% | (4.81)% |
| Lipper Other States Municipal Debt Funds ³ | (8.44)% | (5.37)% |

- ¹ All returns reflect reinvestment of dividends and/or distributions.
- ² The Fund s premium to NAV narrowed during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Fund's absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. After producing slightly positive returns in August, municipal bonds began to move lower in September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump's election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. The municipal market subsequently stabilized and retraced some of its losses in December and January as the relative attractiveness of the asset class brought in new investors, but the modest rally was insufficient to make up for the earlier downturn.

Arizona's municipal bond market, though finishing in negative territory, nonetheless outpaced the broader national indices due to a favorable balance of relatively low new-issue supply and solid investor demand. The state's economy continued to experience steady improvement, highlighted by better-than-average population and job growth. In addition, investors continued to react favorably to the conservative debt management employed by Arizona's municipalities.

The Fund's duration positioning detracted from performance on an absolute basis, reflecting the aggressive increase in municipal bond yields. (Duration is a measure of interest-rate sensitivity.) The Fund's exposure to the long end of the yield curve also detracted, as longer-term bonds sold off more than shorter-term issues. Additionally, holdings in the healthcare-related sectors underperformed due to uncertainty surrounding the future of the Affordable Care Act.

Portfolio income, which was enhanced by the Fund's use of leverage, made a positive contribution during a period of falling prices. However, leverage also served to accentuate the price declines associated with rising yields. The Fund sought to manage interest rate risk using U.S.

Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Fund's positioning had a positive effect on returns. The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Market Price and Net Asset Value Per Share Summary

| | 1/31/17 | 7/31/16 | Change | High | Low |
|-----------------|----------|----------|----------|----------|----------|
| Market Price | \$ 14.90 | \$ 17.68 | (15.72)% | \$ 18.06 | \$ 13.90 |
| Net Asset Value | \$ 14.32 | \$ 15.42 | (7.13)% | \$ 15.42 | \$ 14.07 |

Market Price and Net Asset Value History For the Past Five Years

Overview of the Fund's Total Investments*

| Sector Allocation | 1/31/17 | 7/31/16 |
|--|---------|---------|
| Education | 22% | 20% |
| Utilities | 20 | 22 |
| County/City/Special District/School District | 19 | 20 |
| Health | 13 | 12 |
| Corporate | 12 | 12 |
| State | 9 | 9 |
| Transportation | 3 | 3 |
| Tobacco | 2 | 2 |
| Housing | 3 | |

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Credit Quality Allocation¹

| | 1/31/17 | 7/31/16 |
|------------------|---------|---------|
| AAA/Aaa | 9% | 10% |
| AA/Aa | 56 | 55 |
| A | 15 | 15 |
| BBB/Baa | 9 | 10 |
| BB/Ba | 8 | 6 |
| N/R ² | 3 | 4 |

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2017 and July 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade represents 3% and 4%, respectively, of the Fund's total investments.

³ Represents less than 1%.

Call/Maturity Schedule⁴

| Calendar Year Ended December 31, | |
|----------------------------------|----|
| 2017 | 2% |
| 2018 | 23 |
| 2019 | 8 |
| 2020 | 9 |
| 2021 | 10 |

⁴ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

* Excludes short-term securities.

Fund Summary as of January 31, 2017

BlackRock MuniYield California Fund, Inc.

Fund Overview

BlackRock MuniYield California Fund, Inc. s (MYC) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and California income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and California income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality, or are considered by the Fund s adviser to be of comparable quality, at the time of investment. The Fund may invest up to 20% of its total assets in securities rated below investment grade or deemed equivalent at the time of purchase. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Fund Information

| | |
|---|-------------------|
| Symbol on NYSE | MYC |
| Initial Offering Date | February 28, 1992 |
| Yield on Closing Market Price as of January 31, 2017 (\$15.96) ¹ | 5.26% |
| Tax Equivalent Yield ² | 10.72% |
| Current Monthly Distribution per Common Share ³ | \$0.07 |
| Current Annualized Distribution per Common Share ³ | \$0.84 |
| Economic Leverage as of January 31, 2017 ⁴ | 42% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 50.93%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.

³ The monthly distribution per Common Share, declared on March 1, 2017, was decreased to \$0.062 per share. The yield on closing market price, current monthly distribution per Common Share and current annualized distribution per Common Share do not reflect the new distribution rate. The new distribution rate is not constant and is subject to change in the future.

⁴ Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended January 31, 2017 were as follows:

| | Returns Based On | |
|---|------------------|---------|
| | Market Price | NAV |
| MYC ^{1,2} | (4.12)% | (6.52)% |
| Lipper California Municipal Debt Funds ³ | (8.72)% | (5.28)% |

¹ All returns reflect reinvestment of dividends and/or distributions.

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² The Fund's premium to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Fund's absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. After producing slightly positive returns in August, municipal bonds began to move lower in September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump's election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. The municipal market subsequently stabilized and retraced some of its losses in December and January as the relative attractiveness of the asset class brought in new investors, but the modest rally was insufficient to make up for the earlier downturn.

California underperformed the national tax-exempt market, reflecting an unwinding of previously tight credit spreads for state and local issues, together with a larger calendar of new issuance. Despite the after-tax value provided by California municipal bonds for retail investors subject to the state's high tax brackets, California funds were not immune to the redemptions experienced by both the general market and high-yield products in the latter part of the period.

The Fund's positions on the long end of the yield curve detracted from performance in the environment of rising yields. In addition, positions in lower-rated investment-grade (such as those rated A and BBB) fared worse than high-grade securities as credit spreads widened.

All sectors experienced negative returns in the six month reporting period, but the Fund's positions in health care suffered the weakest performance due to uncertainty surrounding the future of the Affordable Care Act. The Fund's use of leverage, which amplifies the effect of interest rate movements, also detracted.

On the positive side, the Fund's holdings in shorter duration securities held up relatively well during periods of market volatility. (Duration is a measure of interest rate sensitivity.) The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Fund's positioning had a positive effect on returns.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Market Price and Net Asset Value Per Share Summary

| | 1/31/17 | 7/31/16 | Change | High | Low |
|-----------------|----------|----------|----------|----------|----------|
| Market Price | \$ 15.96 | \$ 17.43 | (8.43)% | \$ 17.89 | \$ 14.66 |
| Net Asset Value | \$ 15.24 | \$ 17.07 | (10.72)% | \$ 17.10 | \$ 14.95 |

Market Price and Net Asset Value History For the Past Five Years

Overview of the Fund's Total Investments*

| Sector Allocation | 1/31/17 | 7/31/16 |
|--|---------|---------|
| County/City/Special District/School District | 40% | 39% |
| Health | 15 | 14 |
| Education | 14 | 15 |
| Transportation | 11 | 7 |
| State | 8 | 9 |
| Utilities | 6 | 11 |
| Tobacco | 4 | 3 |
| Corporate | 1 | 1 |
| Housing | 1 | 1 |

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

| Credit Quality Allocation ¹ | 1/31/17 | 7/31/16 |
|--|---------|---------|
| AAA/Aaa | 5% | 4% |
| AA/Aa | 68 | 71 |
| A | 20 | 21 |
| BBB/Baa | 2 | 1 |
| BB/Ba | — | 1 |
| B/B | 4 | 1 |
| N/R ² | 1 | 1 |

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2017 and July 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade each represents less than 1% of the Fund's total investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

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| | |
|------|----|
| 2017 | 6% |
| 2018 | 7 |
| 2019 | 14 |
| 2020 | 7 |
| 2021 | 11 |

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

* Excludes short-term securities.

Fund Summary as of January 31, 2017

BlackRock MuniYield Investment Fund

Fund Overview

BlackRock MuniYield Investment Fund s (MYF) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal income taxes as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax). Under normal market conditions, the Fund primarily invests in municipal bonds that are investment grade quality at the time of investment. The Fund may invest up to 20% of its total assets in securities rated below investment grade, or are considered by the Fund s adviser to be of comparable quality, at the time of purchase. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Fund Information

| | |
|---|-------------------|
| Symbol on NYSE | MYF |
| Initial Offering Date | February 28, 1992 |
| Yield on Closing Market Price as of January 31, 2017 (\$15.26) ¹ | 6.13% |
| Tax Equivalent Yield ² | 10.83% |
| Current Monthly Distribution per Common Share ³ | \$0.078 |
| Current Annualized Distribution per Common Share ³ | \$0.936 |
| Economic Leverage as of January 31, 2017 ⁴ | 41% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum marginal federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.

³ The distribution rate is not constant and is subject to change.

⁴ Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended January 31, 2017 were as follows:

| | Returns Based On | |
|--|------------------|---------|
| | Market Price | NAV |
| MYF ^{1,2} | (7.56)% | (4.62)% |
| Lipper General & Insured Municipal Debt Funds (Leveraged) ³ | (7.34)% | (5.63)% |

¹ All returns reflect reinvestment of dividends and/or distributions.

² The Fund s premium to NAV narrowed during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Fund's absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. After producing slightly positive returns in August, municipal bonds began to move lower in September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump's election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. The municipal market subsequently stabilized and retraced some of its losses in December and January as the relative attractiveness of the asset class brought in new investors, but the modest rally was insufficient to make up for the earlier downturn.

Positions in longer-dated, low investment-grade rated transportation and health care bonds detracted from results.

Portfolio income, which was enhanced by the Fund's use of leverage, made a positive contribution during a period of falling prices. However, leverage also served to accentuate the price declines associated with rising yields.

At a time when lower-quality, longer-dated bonds experienced the largest underperformance, the Fund's positions in high-quality, short-dated issues performed relatively well and helped mitigate the impact of the market decline. The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Fund's positioning had a positive effect on returns. The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

BlackRock MuniYield Investment Fund

Market Price and Net Asset Value Per Share Summary

| | 1/31/17 | 7/31/16 | Change | High | Low |
|-----------------|----------|----------|----------|----------|----------|
| Market Price | \$ 15.26 | \$ 17.02 | (10.34)% | \$ 17.48 | \$ 14.32 |
| Net Asset Value | \$ 14.83 | \$ 16.03 | (7.49)% | \$ 16.03 | \$ 14.63 |

Market Price and Net Asset Value History For the Past Five Years

Overview of the Fund's Total Investments*

| Sector Allocation | 1/31/17 | 7/31/16 |
|--|---------|---------|
| Transportation | 27% | 30% |
| County/City/Special District/School District | 19 | 19 |
| Health | 16 | 14 |
| Utilities | 15 | 15 |
| Education | 9 | 8 |
| State | 6 | 6 |
| Corporate | 3 | 3 |
| Tobacco | 3 | 3 |
| Housing | 2 | 2 |

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

| Credit Quality Allocation ¹ | 1/31/17 | 7/31/16 |
|--|---------|---------|
| AAA/Aaa | 8% | 8% |
| AA/Aa | 54 | 55 |
| A | 24 | 26 |
| BBB/Baa | 6 | 6 |
| BB/Ba | 2 | 1 |
| B | 1 | 1 |
| N/R ² | 5 | 3 |

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

² The investment adviser evaluates the credit quality of not-rated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2017 and July 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade represents 1% and less than 1% of the Fund's total investments.

Call/Maturity Schedule³

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| Calendar Year Ended December 31, | |
|----------------------------------|----|
| 2017 | 1% |
| 2018 | 12 |
| 2019 | 30 |
| 2020 | 12 |
| 2021 | 17 |

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

* Excludes short-term securities.

Fund Summary as of January 31, 2017

BlackRock MuniYield New Jersey Fund, Inc.

Fund Overview

BlackRock MuniYield New Jersey Fund, Inc. s (MYJ) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal income taxes and New Jersey personal income tax as is consistent with its investment policies and prudent investment management. The Fund seeks to achieve its investment objective by investing at least 80% of its assets in municipal obligations exempt from federal income taxes (except that the interest may be subject to the federal alternative minimum tax) and New Jersey personal income taxes. Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality at the time of investment. The Fund may invest up to 20% of its total assets in securities rated below investment grade, or are considered by the Fund s adviser to be of comparable quality, at the time of purchase. The Fund may invest directly in such securities or synthetically through the use of derivatives.

No assurance can be given that the Fund s investment objective will be achieved.

Fund Information

| | |
|---|-------------|
| Symbol on NYSE | MYJ |
| Initial Offering Date | May 1, 1992 |
| Yield on Closing Market Price as of January 31, 2017 (\$15.56) ¹ | 5.78% |
| Tax Equivalent Yield ² | 11.22% |
| Current Monthly Distribution per Common Share ³ | \$0.075 |
| Current Annualized Distribution per Common Share ³ | \$0.900 |
| Economic Leverage as of January 31, 2017 ⁴ | 39% |

¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.

² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 48.48%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.

³ The distribution rate is not constant and is subject to change.

⁴ Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

Performance

Returns for the six months ended January 31, 2017 were as follows:

| | Returns Based On | |
|---|------------------|---------|
| | Market Price | NAV |
| MYJ ^{1,2} | (8.51)% | (5.85)% |
| Lipper New Jersey Municipal Debt Funds ³ | (9.68)% | (6.06)% |

¹ All returns reflect reinvestment of dividends and/or distributions.

²

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The Fund's premium to NAV narrowed during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles. The following discussion relates to the Fund's absolute performance based on NAV:

Municipal bonds lost ground in the six-month reporting period. After producing slightly positive returns in August, municipal bonds began to move lower in September and October due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump's election victory caused investors to adjust their expectations in favor of stronger growth and tighter Fed policy. The municipal market subsequently stabilized and retraced some of its losses in December and January as the relative attractiveness of the asset class brought in new investors, but the modest rally was insufficient to make up for the earlier downturn.

New Jersey underperformed the broader U.S. municipal bond market. The state's credit rating remained under pressure due to continuing budgetary issues, lagging job growth versus the national averages, continued population out-migration and concerns about its pension-funding difficulties.

At the sector level, exposure to the state tax-backed, transportation and education sectors detracted from performance. Holdings in longer-duration bonds, which were more sensitive to rising yields, also detracted. (Duration is a measure of interest-rate sensitivity.) Credit spreads widened during the six month reporting period, so the Fund's holdings in lower-rated investment-grade bonds were a further detractor.

Portfolio income, which was enhanced by the Fund's use of leverage, made a positive contribution during a period of falling prices. However, leverage also served to accentuate the price declines associated with rising yields.

At a time when lower-quality, longer-dated bonds experienced the largest underperformance, the Fund's positions in high-quality, short-dated issues performed relatively well and helped mitigate the impact of the market decline. The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose as prices fell, this aspect of the Fund's positioning had a positive effect on returns. The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Market Price and Net Asset Value Per Share Summary

| | 1/31/17 | 7/31/16 | Change | High | Low |
|-----------------|----------|----------|----------|----------|----------|
| Market Price | \$ 15.56 | \$ 17.49 | (11.03)% | \$ 17.62 | \$ 15.19 |
| Net Asset Value | \$ 15.50 | \$ 16.93 | (8.45)% | \$ 16.94 | \$ 15.29 |

Market Price and Net Asset Value History For the Past Five Years

Overview of the Fund's Total Investments*

| Sector Allocation | 1/31/17 | 7/31/16 |
|--|---------|---------|
| Transportation | 36% | 35% |
| Education | 18 | 18 |
| County/City/Special District/School District | 17 | 17 |
| State | 13 | 14 |
| Corporate | 7 | 7 |
| Health | 6 | 6 |
| Housing | 2 | 2 |
| Utilities | 1 | 1 |

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

| Credit Quality Allocation ¹ | 1/31/17 | 7/31/16 |
|--|---------|---------|
| AA/Aa | 42% | 44% |
| A | 44 | 43 |
| BBB/Baa | 11 | 10 |
| BB/Ba | 2 | 2 |
| N/R ² | 1 | 1 |

¹ For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

² The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2017 and July 31, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade each represents 1% of the Fund's total investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

| | |
|------|----|
| 2017 | 6% |
| 2018 | 11 |

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| | |
|------|----|
| 2019 | 11 |
| 2020 | 6 |
| 2021 | 20 |

³ Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

* Excludes short-term securities.

SEMI-ANNUAL REPORT

JANUARY 31, 2017

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Schedule of Investments January 31, 2017

BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE)

(Unaudited)

(Percentages shown are based on Net Assets)

| | Par | |
|---|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York 128.9% | | |
| Corporate 5.5% | | |
| Build NYC Resource Corp., Refunding RB: | | |
| Ethical Culture Fieldston School Project, 5.00%, 6/01/30 | \$ 385 | \$ 436,455 |
| Pratt Paper, Inc. Project, AMT, 4.50%, 1/01/25 (a) | 500 | 520,355 |
| The Packer Collegiate Institute Project, 5.00%, 6/01/35 | 250 | 275,750 |
| County of Onondaga New York Industrial Development Agency, RB, Bristol-Meyers Squibb Co. Project, AMT, 5.75%, 3/01/24 | 500 | 596,115 |
| Niagara Area Development Corp., Refunding RB, Solid Waste Disposal Facility, Covanta Energy Project, Series B, 4.00%, 11/01/24 (a) | 500 | 501,275 |
| Utility Debt Securitization Authority, Refunding RB, New York Restructuring, Series E, 5.00%, 12/15/32 | 1,000 | 1,150,800 |
| | | 3,480,750 |
| County/City/Special District/School District 22.3% | | |
| Amherst Development Corp., Refunding RB, University at Buffalo Foundation Faculty-Student Housing Corp., Series A (AGM), 4.00%, 10/01/24 | 1,000 | 1,046,670 |
| Brooklyn Arena Local Development Corp., Refunding RB, Barclays Center Project, Series A (AGM), 4.00%, 7/15/29 | 1,000 | 1,044,950 |
| City of New York New York, GO, Refunding, Series E: | | |
| 5.25%, 8/01/22 | 2,000 | 2,349,480 |
| 5.00%, 8/01/30 | 1,250 | 1,422,250 |
| City of New York New York, GO: | | |
| Sub-Series A-1, 5.00%, 8/01/33 | 700 | 789,166 |
| Sub-Series I-1, 5.50%, 4/01/21 | 1,500 | 1,641,420 |
| Sub-Series I-1, 5.13%, 4/01/25 | 750 | 810,997 |
| City of New York New York Industrial Development Agency, RB, PILOT, Queens Baseball Stadium (AMBAC), 5.00%, 1/01/31 | 1,000 | 1,001,960 |
| City of New York New York Industrial Development Agency, Refunding ARB, Transportation Infrastructure Properties LLC, Series A, AMT, 5.00%, 7/01/22 | 750 | 819,945 |
| City of Yonkers New York, GO, Refunding, Series B, 5.00%, 8/01/24 | 490 | 568,126 |
| Haverstraw-Stony Point Central School District, GO, Refunding, (AGM), 5.00%, 10/15/33 | 300 | 342,645 |
| Hudson Yards Infrastructure Corp., RB, Series A, 5.75%, 2/15/47 | 1,000 | 1,131,870 |
| New York Convention Center Development Corp., Refunding RB, 5.00%, 11/15/32 | 20 | 22,787 |
| New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.00%, 11/15/31 | 1,000 | 1,113,620 |
| | | 14,105,886 |
| Education 30.0% | | |
| Build NYC Resource Corp., Refunding RB, 5.00%, 7/01/33 | 2,000 | 2,142,500 |
| City of New York New York Trust for Cultural Resources, Refunding RB, American Museum of Natural History, Series A, 5.00%, 7/01/32 | 500 | 567,820 |
| County of Buffalo & Erie New York Industrial Land Development Corp., Refunding RB, Buffalo State College Foundation Housing, 6.00%, 10/01/31 | 1,000 | 1,145,220 |
| County of Monroe New York Industrial Development Corp., Refunding RB, Series A, 5.00%, 7/01/30 | 1,000 | 1,147,350 |
| County of Nassau New York Industrial Development Agency, Refunding RB, New York Institute of Technology Project, Series A, 5.00%, 3/01/20 (b) | 1,000 | 1,109,010 |
| County of Schenectady New York Capital Resource Corp., Refunding RB, Union College, 5.00%, 7/01/32 | 500 | 554,120 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Education (continued) | | |
| New York State Dormitory Authority, Refunding RB, Pace University, Series A, 5.00%, 5/01/27 | \$ 980 | \$ 1,040,897 |
| State of New York Dormitory Authority, RB: | | |
| Convent of the Sacred Heart (AGM), 4.00%, 11/01/18 | 500 | 523,865 |
| Convent of the Sacred Heart (AGM), 5.00%, 11/01/21 | 120 | 136,624 |

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| | | |
|---|-------|------------|
| Fordham University, Series A, 5.25%, 7/01/25 | 500 | 560,940 |
| Icahn School of Medicine at Mount Sinai, Series A, 5.00%, 7/01/32 | 1,000 | 1,103,910 |
| Mount Sinai School of Medicine, 5.50%, 7/01/19 (b) | 1,000 | 1,101,100 |
| Mount Sinai School of Medicine, Series A (NPFGC), 5.15%, 7/01/24 | 250 | 291,520 |
| Series A, 5.00%, 3/15/32 | 1,000 | 1,142,520 |
| Touro College & University System Obligation Group, Series A, 4.13%, 1/01/30 | 1,000 | 988,620 |
| State of New York Dormitory Authority, Refunding RB: | | |
| Fordham University, 5.00%, 7/01/29 | 375 | 425,603 |
| Fordham University, 5.00%, 7/01/30 | 300 | 338,988 |
| Series B, 5.00%, 7/01/31 | 1,500 | 1,726,470 |
| State University Dormitory Facilities, Series A, 5.25%, 7/01/30 | 1,050 | 1,210,093 |
| The Culinary Institute of America, 5.00%, 7/01/28 | 500 | 541,965 |
| Troy Capital Resource Corp., Refunding RB, 5.00%, 8/01/32 | 1,000 | 1,125,640 |
| | | 18,924,775 |
| Health 16.6% | | |
| Build NYC Resource Corp., Refunding RB, New York Methodist Hospital Project, 5.00%, 7/01/30 | 500 | 554,290 |
| County of Dutchess New York Industrial Development Agency, RB, Vassar Brothers Medical Center (AGC), 5.00%, 4/01/21 | 215 | 238,899 |
| County of Dutchess New York Local Development Corp., Refunding RB, Health Quest System, Inc., Series A (AGM), 5.25%, 7/01/25 | 1,000 | 1,096,390 |
| County of Westchester New York Healthcare Corp., Refunding RB, Senior Lien: | | |
| Remarketing, Series A, 5.00%, 11/01/24 | 910 | 1,009,390 |
| Remarketing, Series A, 5.00%, 11/01/30 | 580 | 628,430 |
| Series B, 6.00%, 11/01/20 (b) | 205 | 238,753 |
| Series B, 6.00%, 11/01/30 | 35 | 38,768 |
| County of Westchester New York Local Development Corp., Refunding RB: | | |
| Kendal On Hudson Project, 4.00%, 1/01/23 | 250 | 269,703 |
| Kendal On Hudson Project, 5.00%, 1/01/28 | 875 | 954,826 |
| Westchester Medical Center, 5.00%, 11/01/34 | 500 | 535,055 |
| State of New York Dormitory Authority, RB, Series A: | | |
| New York State Association for Retarded Children, Inc., 5.30%, 7/01/23 | 450 | 489,929 |
| New York University Hospitals Center, 5.00%, 7/01/20 (b) | 1,000 | 1,119,330 |
| State of New York Dormitory Authority, Refunding RB: | | |
| Columbia University, Series B, 5.00%, 10/01/31 | 250 | 297,750 |
| Mount Sinai Hospital Series A, 4.25%, 7/01/23 | 250 | 267,588 |
| North Shore-Long Island Jewish Obligated Group, Series A, 5.00%, 5/01/32 | 1,270 | 1,421,841 |
| North Shore-Long Island Jewish Obligated Group, Series A, 5.00%, 5/01/32 | 500 | 547,335 |
| Yonkers New York Industrial Development Agency, RB, Sacred Heart Association Project, Series A, AMT (SONYMA), 4.80%, 10/01/26 | 750 | 751,980 |
| | | 10,460,257 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Muni New York Intermediate Duration Fund, Inc.
(MNE)

| | Par | |
|--|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |
| Housing 2.2% | | |
| City of New York New York Housing Development Corp., RB, M/F Housing: | | |
| Series B1, 5.25%, 7/01/30 | \$ 500 | \$ 569,275 |
| Series H-2-A, Remarketing, AMT, 5.00%, 11/01/30 | 780 | 789,360 |
| | | 1,358,635 |
| State 11.1% | | |
| City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.00%, 1/15/23 | | |
| | 575 | 613,824 |
| City of New York New York Transitional Finance Authority, RB, Series S-1, 5.00%, 7/15/37 | | |
| | 1,140 | 1,279,696 |
| State of New York Dormitory Authority, RB: | | |
| Haverstraw King s Daughters Public Library, 5.00%, 7/01/26 | | |
| | 1,015 | 1,142,646 |
| Municipal Health Facilities Lease, Sub-Series 2-4, 5.00%, 1/15/27 | | |
| | 600 | 621,108 |
| State of New York Thruway Authority, Refunding RB, Series A-1, 5.00%, 4/01/22 | | |
| | 1,000 | 1,084,280 |
| State of New York Urban Development Corp., Refunding RB, Personal Income Tax, Series A, 5.00%, 3/15/35 | | |
| | 1,990 | 2,276,461 |
| | | 7,018,015 |
| Tobacco 1.3% | | |
| County of Niagara New York Tobacco Asset Securitization Corp., Refunding RB, Asset-Backed, 5.25%, 5/15/34 | | |
| | 500 | 550,095 |
| New York Counties Tobacco Trust, Refunding RB, Tobacco Settlement Pass-Through, 5.00%, 6/01/30 | | |
| | 265 | 290,236 |
| | | 840,331 |
| Transportation 34.6% | | |
| Metropolitan Transportation Authority, RB: | | |
| Series A, 5.00%, 11/15/27 | | |
| | 1,000 | 1,131,320 |
| Series A-1, 5.25%, 11/15/33 | | |
| | 500 | 570,260 |
| Series B, 5.25%, 11/15/33 | | |
| | 1,000 | 1,149,100 |
| Series B (NPFGC), 5.25%, 11/15/19 | | |
| | 860 | 949,113 |
| Sub-Series B-1, 5.00%, 11/15/24 | | |
| | 460 | 526,502 |
| Sub-Series B-4, 5.00%, 11/15/24 | | |
| | 300 | 343,371 |
| Sub-Series D-1, 5.25%, 11/15/44 | | |
| | 225 | 256,732 |
| New York State Thruway Authority, RB, Junior Lien, Series A, 5.00%, 1/01/34 | | |
| | 2,000 | 2,244,300 |
| New York Transportation Development Corp., RB, LaGuardia Airport Terminal B Redevelopment Project, Series A, AMT, 5.00%, 7/01/34 | | |
| | 1,000 | 1,080,920 |
| New York Transportation Development Corp., Refunding RB, American Airlines, Inc., AMT, 5.00%, 8/01/26 | | |
| | 1,000 | 1,041,980 |
| Port Authority of New York & New Jersey, ARB, JFK International Air Terminal LLC Project, 5.00%, 12/01/20 | | |
| | 1,000 | 1,096,570 |
| Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT, 5.00%, 10/15/21 | | |
| | 2,000 | 2,270,240 |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 152nd Series, AMT, 5.00%, 11/01/23 | | |
| | 500 | 522,495 |
| Port Authority of New York & New Jersey, Refunding RB, AMT: | | |
| 178th Series, 5.00%, 12/01/32 | | |
| | 1,000 | 1,112,250 |
| Consolidated, 152nd Series, 5.00%, 11/01/24 | | |
| | 1,000 | 1,044,860 |
| State of New York Thruway Authority, Refunding RB, General: | | |
| Series I, 5.00%, 1/01/37 | | |
| | 660 | 730,726 |
| Series K, 5.00%, 1/01/32 | | |
| | 1,035 | 1,169,757 |
| Triborough Bridge & Tunnel Authority, RB: | | |
| Series B, 5.00%, 11/15/31 | | |
| | 2,005 | 2,331,193 |
| Series B-3, 5.00%, 11/15/33 | | |
| | 500 | 576,315 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New York (continued) | | |

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Transportation (continued)

| | | |
|--|----------|--------------|
| Triborough Bridge & Tunnel Authority, Refunding RB, Series A: | | |
| 5.00%, 11/15/24 | \$ 1,000 | \$ 1,174,660 |
| 5.00%, 1/01/27 | 500 | 571,915 |

21,894,579

Utilities 5.3%

| | | |
|--|-------|-----------|
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series DD, 5.00%, 6/15/32 | | |
| | 250 | 262,228 |
| Long Island Power Authority, Refunding RB, Electric System, Series A: | | |
| 5.50%, 4/01/19 (b) | 500 | 546,125 |
| 5.00%, 9/01/34 | 1,000 | 1,106,840 |
| State of New York Environmental Facilities Corp., Refunding RB, NYC Municipal Water Finance Authority Project, 2nd Resolution, Series B, 5.00%, 6/15/31 | | |
| | 1,000 | 1,121,370 |
| Upper Mohawk Valley Regional Water Finance Authority, Refunding RB: | | |
| 4.00%, 4/01/25 | 125 | 139,506 |
| 5.00%, 4/01/26 | 160 | 191,861 |

3,367,930

| | | |
|--|--|-------------------|
| Total Municipal Bonds in New York | | 81,451,158 |
|--|--|-------------------|

Puerto Rico 2.2%

Housing 2.2%

| | | |
|---|-------|-------------------|
| Puerto Rico Housing Finance Authority, Refunding RB, M/F Housing, Subordinate, Capital Fund Modernization, 5.13%, 12/01/27 | | |
| | 1,360 | 1,434,582 |
| Total Municipal Bonds 131.1% | | 82,885,740 |

Municipal Bonds Transferred to Tender Option Bond Trusts (c)

New York 27.4%

County/City/Special District/School District 10.5%

| | | |
|---|-------|-----------|
| City of New York New York, GO, Refunding, Series E, 5.00%, 8/01/27 | | |
| | 599 | 650,736 |
| City of New York New York, GO: Series I, 5.00%, 3/01/32 | | |
| | 991 | 1,123,619 |
| Sub-Series G-1, 5.00%, 4/01/29 | | |
| | 750 | 852,015 |
| City of New York New York Convention Center Development Corp., Refunding RB, Hotel Unit Fee Secured, 5.00%, 11/15/32 | | |
| | 3,540 | 4,033,370 |

6,659,740

Education 2.8%

| | | |
|--|-------|-----------|
| State of New York Dormitory Authority, Refunding RB, Series E, 5.25%, 3/15/33 | | |
| | 1,500 | 1,759,665 |

State 4.5%

| | | |
|---|-------|-----------|
| Sales Tax Asset Receivable Corp., Refunding RB, Fiscal 2015, Series A, 5.00%, 10/15/31 | | |
| | 990 | 1,154,904 |
| State of New York Urban Development Corp., RB, Personal Income Tax, Series A-1, 5.00%, 3/15/32 | | |
| | 1,499 | 1,714,969 |

2,869,873

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock Muni New York Intermediate Duration Fund, Inc.
(MNE)

| | Par | |
|--|---------------|---------------|
| | (000) | Value |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| New York (continued) | | |
| Transportation 4.4% | | |
| Metropolitan Transportation Authority, RB, Series B, 5.25%, 11/15/25 (b) | \$ 749 | \$ 831,249 |
| Port Authority of New York & New Jersey, ARB, Consolidated, 169th Series, AMT, 5.00%, 10/15/26 | 750 | 835,508 |
| Port Authority of New York & New Jersey, RB, 178th Series, AMT, 5.00%, 12/01/32 | 991 | 1,102,227 |
| | | 2,768,984 |
| Utilities 5.2% | | |
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System: | | |
| 2nd General Resolution, Fiscal 2011, Series HH, 5.00%, 6/15/32 | 1,560 | 1,745,187 |
| Series A, 4.75%, 6/15/17 (b) | 283 | 286,463 |
| Series A, 4.75%, 6/15/30 | 1,217 | 1,233,412 |
| | | 3,265,062 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 27.4% | | 17,323,324 |
| Total Long-Term Investments | | 100,209,064 |
| (Cost \$96,412,470) 158.5% | | |
| Short-Term Securities | Shares | Value |
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (d)(e) | 621,655 | \$ 621,718 |
| Total Short-Term Securities | | 621,718 |
| (Cost \$621,655) 1.0% | | |
| Total Investments (Cost \$97,034,125) 159.5% | | 100,830,782 |
| Other Assets Less Liabilities 1.2% | | 779,521 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (14.1)% | | (8,956,357) |
| VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (46.6)% | | (29,451,639) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 63,202,307 |

Notes to Schedule of Investments

- (a) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (b) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (d) During the six months ended January 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2016 | Net Activity | Shares Held at January 31, 2017 | Value at January 31, 2017 | Income | Net Realized Gain ¹ | Change in Unrealized Appreciation |
|-----------|------------------------------------|-----------------|---------------------------------------|---------------------------------|--------|--------------------------------------|---|
| | | | | | | | |

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| | | | | | | | |
|--|---------|---------|---------|------------|----------|--------|-------|
| BlackRock Liquidity Funds, MuniCash, Institutional Class | 315,667 | 305,988 | 621,655 | \$ 621,718 | \$ 4,408 | \$ 912 | \$ 62 |
|--|---------|---------|---------|------------|----------|--------|-------|

¹ Includes net capital gain distributions.

(e) Current yield as of period end.

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

| Futures Contracts | | | Notional | Unrealized |
|-------------------|-------------------------------|------------|--------------|--------------------|
| Contracts | Issue | Expiration | Value | Depreciation |
| Long (Short) | | | | |
| (13) | 5-Year U.S. Treasury Note | March 2017 | \$ 1,532,273 | \$ (3,873) |
| (45) | 10-Year U.S. Treasury Note | March 2017 | \$ 5,601,094 | (13,443) |
| (16) | Long U.S. Treasury Bond | March 2017 | \$ 2,413,500 | (2,631) |
| 1 | Ultra Long U.S. Treasury Bond | March 2017 | \$ 160,687 | (289) |
| Total | | | | \$ (20,236) |

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock Muni New York Intermediate Duration Fund, Inc.
(MNE)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

| Liabilities | Derivative Financial Instruments | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|-------------------|--|---------------------|------------------|------------------|-------------------------------------|-------------------------|-----------------|-----------|
| Futures contracts | Net unrealized depreciation ¹ | | | | | \$ 20,236 | | \$ 20,236 |

¹ Includes cumulative depreciation on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended January 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

| Net Realized Gain (Loss) from: | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|---|---------------------|------------------|------------------|-------------------------------------|-------------------------|-----------------|------------|
| Futures contracts | | | | | \$ 266,297 | | \$ 266,297 |
| Net Change in Unrealized Appreciation (Depreciation) on: | | | | | | | |
| Futures contracts | | | | | \$ 32,659 | | \$ 32,659 |

Average Quarterly Balances of Outstanding Derivative Financial Instruments

| | | | | | | | |
|-------------------------------------|-------|--|--|--|--|--|--------------|
| Futures contracts: | | | | | | | |
| Average notional value of contracts | long | | | | | | \$ 80,344 |
| Average notional value of contracts | short | | | | | | \$ 6,375,535 |

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 100,209,064 | | \$ 100,209,064 |
| Short-Term Securities | \$ 621,718 | | | 621,718 |
| Total | \$ 621,718 | \$ 100,209,064 | | \$ 100,830,782 |

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Derivative Financial Instruments²

Liabilities:

| | | |
|-------------------------|-------------|-------------|
| Interest rate contracts | \$ (20,236) | \$ (20,236) |
|-------------------------|-------------|-------------|

¹ See above Schedule of Investments for values in each sector.

² Derivative financial instruments are futures contracts. Futures contracts are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------|---------|-----------------|---------|-----------------|
| Liabilities: | | | | |
| TOB Trust Certificates | | \$ (8,939,171) | | \$ (8,939,171) |
| VRDP Shares at Liquidation Value | | (29,600,000) | | (29,600,000) |
| Total | | \$ (38,539,171) | | \$ (38,539,171) |

During the six months ended January 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments January 31, 2017 (Unaudited)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

(Percentages shown are based on Net Assets)

| | Par | |
|---|------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| Arizona 146.1% | | |
| Corporate 18.2% | | |
| County of Maricopa Arizona Pollution Control Corp., Refunding RB, Southern California Edison Co., Series A, 5.00%, 6/01/35 | \$ 4,350 | \$ 4,726,754 |
| County of Pima Arizona IDA, RB, Tucson Electric Power Co. Project, Series A, 5.25%, 10/01/40 | 1,000 | 1,095,380 |
| County of Pima Arizona IDA, Refunding RB, Tucson Electric Power Co. Project, Series A, 4.00%, 9/01/29 | 1,000 | 1,034,930 |
| Salt Verde Financial Corp., RB, Senior: 5.50%, 12/01/29 | 2,000 | 2,353,840 |
| 5.00%, 12/01/37 | 2,500 | 2,824,350 |
| | | 12,035,254 |
| County/City/Special District/School District 30.5% | | |
| City of Tucson Arizona, COP, (AGC), 5.00%, 7/01/19 (a) | 1,000 | 1,088,990 |
| County of Maricopa Arizona School District No. 28 Kyrene Elementary, GO, School Improvement Project of 2010, Series B: 5.50%, 7/01/29 | 480 | 573,355 |
| 5.50%, 7/01/30 | 400 | 475,948 |
| County of Maricopa Arizona Unified School District No. 89 Dysart, GO, School Improvement Project of 2006, Series C, 6.00%, 7/01/28 | 1,000 | 1,069,120 |
| County of Maricopa Unified School District No 11-Peoria, GO, 5.00%, 7/01/35 | 1,250 | 1,403,075 |
| County of Mohave Arizona Unified School District No. 20 Kingman, GO, School Improvement Project of 2006, Series C (AGC), 5.00%, 7/01/26 | 1,000 | 1,089,490 |
| County of Pinal Arizona, RB, 5.00%, 8/01/33 | 250 | 280,503 |
| Gilbert Public Facilities Municipal Property Corp., RB, 5.50%, 7/01/27 | 2,000 | 2,167,780 |
| Greater Arizona Development Authority, RB, Santa Cruz County Jail, Series 2, 5.25%, 8/01/31 | 1,155 | 1,210,960 |
| Marana Municipal Property Corp., RB, Series A, 5.00%, 7/01/28 | 2,500 | 2,612,800 |
| Phoenix-Mesa Gateway Airport Authority, RB, Mesa Project, AMT, 5.00%, 7/01/38 | 3,600 | 3,838,608 |
| Town of Buckeye Arizona, RB, 5.00%, 7/01/43 | 4,000 | 4,397,320 |
| | | 20,207,949 |
| Education 35.5% | | |
| Arizona Board of Regents, COP, Refunding, University of Arizona, Series C, 5.00%, 6/01/30 | 2,595 | 2,881,592 |
| Arizona Industrial Development Authority, Refunding RB, Series A, 5.13%, 7/01/37 (b) | 500 | 503,505 |
| Arizona State University, RB, Series C (a): 6.00%, 7/01/18 | 970 | 1,037,900 |
| 6.00%, 7/01/18 | 350 | 374,500 |
| 6.00%, 7/01/18 | 425 | 454,750 |
| 6.00%, 7/01/18 | 400 | 428,000 |
| Arizona State University, Refunding RB, 5.00%, 6/01/39 | 2,050 | 2,315,598 |
| City of Phoenix Arizona IDA, RB: Candeo School, Inc. Project, 6.63%, 7/01/33 | 500 | 557,225 |
| Great Hearts Academies Veritas Project, 6.30%, 7/01/42 | 500 | 535,290 |
| Great Hearts Academies Project, Series A, 5.00%, 7/01/44 | 2,000 | 2,073,880 |
| Legacy Traditional Schools Project, Series A, 6.75%, 7/01/44 (b) | 440 | 494,362 |
| Legacy Traditional Schools Projects, Series A, 5.00%, 7/01/46 (b) | 500 | 476,500 |
| City of Phoenix Arizona IDA, Refunding RB: Basis Schools, Inc. Projects, 5.00%, 7/01/45 (b) | 1,000 | 979,160 |
| Basis Schools, Inc. Projects, Series A, 5.00%, 7/01/46 (b) | 1,500 | 1,466,040 |
| | Par | |
| Municipal Bonds | | |
| Arizona (continued) | | |
| Education (continued) | | |
| City of Phoenix Arizona IDA, Refunding RB (continued): Great Hearts Academies Projects, 5.00%, 7/01/46 | \$ 500 | \$ 517,335 |
| Legacy Traditional School Projects, 5.00%, 7/01/45 (b) | 500 | 477,370 |
| County of Maricopa Arizona IDA, RB, Reid Traditional Schools Projects, 5.00%, 7/01/47 | 1,000 | 1,034,120 |

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| | | |
|---|-------|------------|
| County of Maricopa Arizona IDA, Refunding RB, Paradise Schools Projects, 5.00%, 7/01/47 (b) | 1,000 | 973,660 |
| McAllister Academic Village LLC, Refunding RB, Arizona State University, 5.00%, 7/01/39 | 500 | 550,435 |
| Northern Arizona University, RB, Stimulus Plan for Economic and Educational Development, 5.00%, 8/01/38 | 3,000 | 3,283,320 |
| Student & Academic Services LLC, RB, 5.00%, 6/01/39 | 1,400 | 1,548,078 |
| Town of Florence, Inc. Arizona, IDA, ERB, Legacy Traditional School Project, Queen Creek and Casa Grande Campuses, 6.00%, 7/01/43 | 500 | 527,975 |
| | | 23,490,595 |
| Health 21.0% | | |
| Arizona Health Facilities Authority, RB, Catholic Healthcare West, Series B-2 (AGM), 5.00%, 3/01/41 | 500 | 534,380 |
| Arizona Health Facilities Authority, Refunding RB: | | |
| Banner Health, Series D, 5.50%, 1/01/18 (a) | 4,000 | 4,166,440 |
| Phoenix Children's Hospital, Series A, 5.00%, 2/01/42 | 1,000 | 1,049,070 |
| Scottsdale Lincoln Hospitals Project, Series A, 5.00%, 12/01/42 | 1,750 | 1,898,435 |
| City of Tempe Arizona IDA, Refunding RB, Friendship Village of Tempe, Series A, 6.25%, 12/01/42 | 500 | 527,815 |
| County of Maricopa Arizona IDA, RB, Catholic Healthcare West, Series A, 6.00%, 7/01/39 | 170 | 184,115 |
| County of Maricopa Arizona IDA, Refunding RB, Banner Health Obligation Group, Series A: 3.25%, 1/01/37 | 1,290 | 1,172,920 |
| 5.00%, 1/01/38 | 1,320 | 1,487,019 |
| County of Yavapai IDA, Refunding RB, Northern Arizona Healthcare System, 5.25%, 10/01/26 | 1,000 | 1,117,110 |
| University Medical Center Corp., RB, 6.50%, 7/01/19 (a) | 500 | 561,650 |
| University Medical Center Corp., Refunding RB, 6.00%, 7/01/21 (a) | 1,000 | 1,185,950 |
| | | 13,884,904 |
| Housing 0.2% | | |
| City of Phoenix & County of Maricopa Arizona IDA, Refunding RB, S/F Housing, AMT (Fannie Mae): | | |
| Series A-1, 5.75%, 5/01/40 | 20 | 21,112 |
| Series A-2, 5.80%, 7/01/40 | 30 | 30,607 |
| City of Phoenix & County of Pima Arizona IDA, Refunding RB, S/F Housing, AMT (Fannie Mae): | | |
| Series 1, 5.25%, 8/01/38 | 11 | 10,721 |
| Series 2, 5.50%, 12/01/38 | 39 | 40,124 |
| | | 102,564 |
| State 14.4% | | |
| Arizona Department of Transportation State Highway Fund, RB, Series B, 5.00%, 7/01/18 (a) | 4,000 | 4,221,000 |
| Arizona School Facilities Board, COP (a): | | |
| 5.13%, 9/01/18 | 1,000 | 1,063,040 |
| 5.75%, 9/01/18 | 2,000 | 2,145,660 |
| State of Arizona, RB, Lottery Revenue, Series A (AGM), 5.00%, 7/01/29 | 1,930 | 2,088,646 |
| | | 9,518,346 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

| | Par | |
|---|--------------|----------------------|
| | (000) | Value |
| Municipal Bonds | | |
| Arizona (continued) | | |
| Transportation 4.4% | | |
| City of Phoenix Arizona Civic Improvement Corp., RB, Senior Lien, Series A, AMT, 5.00%, 7/01/33 | \$ 1,000 | \$ 1,045,410 |
| City of Phoenix Arizona Civic Improvement Corp., Refunding RB: Junior Lien, Series A, 5.00%, 7/01/40 | 1,000 | 1,084,960 |
| City of Phoenix Arizona Civic Improvement Corp., Refunding RB: Senior Lien, AMT, 5.00%, 7/01/32 | 700 | 773,402 |
| | | 2,903,772 |
| Utilities 21.9% | | |
| City of Lake Havasu City Arizona Wastewater System Revenue, RB, Series B, 5.00%, 7/01/40 | 3,500 | 3,901,380 |
| City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Senior Lien, 5.50%, 7/01/22 | 2,000 | 2,121,300 |
| City of Phoenix Civic Improvement Corp., RB, Series B, 5.50%, 7/01/41 | 100 | 126,703 |
| County of Pinal Arizona, RB, Electric District No. 4, 6.00%, 12/01/18 (a) | 2,000 | 2,176,640 |
| County of Pinal Arizona, Refunding RB, Electric District No. 3, 5.25%, 7/01/21 (a) | 2,500 | 2,892,200 |
| County of Pinal Arizona IDA, RB, San Manuel Facility Project, AMT, 6.25%, 6/01/26 | 500 | 498,410 |
| Salt River Project Agricultural Improvement & Power District, RB, Series A, 5.00%, 1/01/18 (a) | 500 | 518,530 |
| Salt River Project Agricultural Improvement & Power District, Refunding RB, Series A, 5.00%, 12/01/41 | 2,000 | 2,267,680 |
| | | 14,502,843 |
| Total Municipal Bonds in Arizona | | 96,646,227 |
| Puerto Rico 2.8% | | |
| Tobacco 2.8% | | |
| Children s Trust Fund Tobacco Settlement, Refunding RB, Asset-Backed Bonds, 5.63%, 5/15/43 | 1,845 | 1,844,852 |
| Total Municipal Bonds 148.9% | | 98,491,079 |
| | Par | |
| | (000) | Value |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| Arizona 10.0% | | |
| Utilities 10.0% | | |
| City of Mesa Arizona, RB, Utility System, 5.00%, 7/01/35 | \$ 3,000 | \$ 3,357,720 |
| City of Phoenix Arizona Civic Improvement Corp., Refunding RB, Water System, Junior Lien, Series A, 5.00%, 7/01/19 (a) | 3,000 | 3,269,970 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 10.0% | | 6,627,690 |
| Total Long-Term Investments (Cost \$99,840,064) 158.9% | | 105,118,769 |
| Short-Term Securities | | |
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (d)(e) | 492,249 | 492,298 |
| Total Short-Term Securities (Cost \$492,255) 0.8% | | 492,298 |
| Total Investments (Cost \$100,332,319) 159.7% | | 105,611,067 |
| Other Assets Less Liabilities 1.0% | | 683,592 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (4.5)% | | (3,001,810) |
| VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (56.2)% | | (37,142,366) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 66,150,483 |

Notes to Schedule of Investments

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- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (d) During the six months ended January 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2016 | Net Activity | Shares Held at January 31, 2017 | Value at January 31, 2017 | Income | Net Realized Gain ¹ | Change in Unrealized Appreciation |
|--|------------------------------------|-----------------|---------------------------------------|---------------------------------|----------|--------------------------------------|---|
| BlackRock Liquidity Funds, MuniCash, Institutional Class | 776,573 | (284,324) | 492,249 | \$ 492,298 | \$ 1,362 | \$ 43 | \$ 43 |

¹ Includes net capital gain distributions.

- (e) Current yield as of period end.

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

| Contracts | Issue | Expiration | Notional Value | Unrealized Appreciation (Depreciation) |
|--------------|----------------------------|------------|----------------|--|
| Short | | | | |
| (8) | 5-Year U.S. Treasury Note | March 2017 | \$ 942,937 | \$ (987) |
| (30) | 10-Year U.S. Treasury Note | March 2017 | \$ 3,734,063 | (3,509) |
| (21) | Long U.S. Treasury Bond | March 2017 | \$ 3,167,719 | 7,841 |
| (1) | Ultra U.S. Treasury Bond | March 2017 | \$ 160,687 | 429 |
| Total | | | | \$ 3,774 |

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

| Assets | Derivative Financial Instruments | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|-------------------|--|---------------------|------------------|------------------|-------------------------------------|-------------------------|-----------------|----------|
| Futures contracts | Net unrealized appreciation ¹ | | | | | \$ 8,270 | | \$ 8,270 |
| Liabilities | Derivative Financial Instruments | | | | | | | |
| Futures contracts | Net unrealized depreciation ¹ | | | | | \$ 4,496 | | \$ 4,496 |

¹ Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended January 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

| Net Realized Gain (Loss) from: | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|--|---------------------|------------------|------------------|-------------------------------------|-------------------------|-----------------|------------|
| Futures contracts | | | | | \$ 305,267 | | \$ 305,267 |
| Net Change in Unrealized Appreciation (Depreciation) on: | | | | | | | |
| Futures contracts | | | | | \$ 20,108 | | \$ 20,108 |

Average Quarterly Balances of Outstanding Derivative Financial Instruments

| | |
|---|--------------|
| Futures contracts: | |
| Average notional value of contracts short | \$ 5,682,016 |

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield Arizona Fund, Inc. (MZA)

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 105,118,769 | | \$ 105,118,769 |
| Short-Term Securities | \$ 492,298 | | | 492,298 |
| Total | \$ 492,298 | \$ 105,118,769 | | \$ 105,611,067 |

Derivative Financial Instruments²

| | | | | |
|-------------------------|----------|--|--|----------|
| Assets: | | | | |
| Interest rate contracts | \$ 8,270 | | | \$ 8,270 |
| Liabilities: | | | | |
| Interest rate contracts | (4,496) | | | (4,496) |
| Total | \$ 3,774 | | | \$ 3,774 |

¹ See above Schedule of Investments for values in each sector.

² Derivative financial instruments are futures contracts. Futures contracts are valued at the unrealized appreciation (depreciation) on the instrument. The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------|---------|-----------------|---------|-----------------|
| Liabilities: | | | | |
| TOB Trust Certificates | | \$ (3,000,000) | | \$ (3,000,000) |
| VRDP Shares at Liquidation Value | | (37,300,000) | | (37,300,000) |
| Total | | \$ (40,300,000) | | \$ (40,300,000) |

During the six months ended January 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments January 31, 2017 (Unaudited)

BlackRock MuniYield California Fund, Inc. (MYC)

(Percentages shown are based on Net Assets)

| | Par | |
|---|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| California 84.6% | | |
| Corporate 1.3% | | |
| City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series D, 5.88%, 1/01/34 | \$ 4,000 | \$ 4,369,280 |
| County/City/Special District/School District 27.5% | | |
| City of Los Angeles California, COP, Senior, Sonnenblick Del Rio West Los Angeles (AMBAC), 6.20%, 11/01/31 | 2,000 | 2,007,020 |
| City of Los Angeles California Municipal Improvement Corp., RB, Real Property, Series E, 6.00%, 9/01/19 (a) | 2,660 | 2,979,227 |
| City of San Jose California Hotel Tax, RB, Convention Center Expansion & Renovation Project: | | |
| 6.50%, 5/01/36 | 1,520 | 1,764,310 |
| 6.50%, 5/01/42 | 1,860 | 2,154,903 |
| County of Los Angeles California Metropolitan Transportation Authority, Refunding RB, Series A, 5.00%, 7/01/42 (b) | 4,000 | 4,647,800 |
| County of Riverside California Public Financing Authority, RB, Capital Facilities Project, 5.25%, 11/01/45 | 5,000 | 5,702,850 |
| County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36 | 2,440 | 2,823,446 |
| County of Santa Clara California Financing Authority, Refunding LRB, Series L, 5.25%, 5/15/18 (a) | 16,000 | 16,885,440 |
| Foothill-De Anza Community College District, GO, Refunding, 4.00%, 8/01/40 | 3,500 | 3,637,515 |
| Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 | 5,500 | 6,285,180 |
| Los Angeles Community College District, GO, Refunding, 5.00%, 8/01/38 | 1,500 | 1,742,355 |
| Los Angeles Community College District California, GO, Election of 2008, Series C, 5.25%, 8/01/20 (a) | 2,000 | 2,265,640 |
| Los Angeles Unified School District, GO, Election of 2008, Series A, 4.00%, 7/01/40 | 8,500 | 8,664,220 |
| Oak Grove School District, GO, Election of 2008, Series A: | | |
| 5.50%, 8/01/19 (a) | 1,120 | 1,238,362 |
| 5.50%, 8/01/33 | 880 | 963,213 |
| Ohlone Community College District, GO, Election of 2010, Series A, 5.25%, 8/01/21 (a) | 7,135 | 8,297,291 |
| Pico Rivera Public Financing Authority, RB, 5.75%, 9/01/19 (a) | 6,035 | 6,729,206 |
| Riverside Community Properties Development, Inc., RB, Riverside County Law Building Project, 6.00%, 10/15/38 | 5,000 | 5,845,200 |
| Turlock Irrigation District, Refunding RB, 1st Priority, 5.00%, 1/01/33 | 1,750 | 2,015,807 |
| West Contra Costa California Unified School District, GO, Election of 2012, Series A, 5.50%, 8/01/39 | 2,500 | 2,906,675 |
| | | 89,555,660 |
| Education 4.7% | | |
| California Educational Facilities Authority, Refunding RB: | | |
| Pitzer College, 6.00%, 4/01/40 | 2,500 | 2,826,050 |
| San Francisco University, 6.13%, 10/01/36 | 1,745 | 2,042,261 |
| California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 | 2,750 | 3,119,050 |
| California School Finance Authority, RB: | | |
| Alliance College-Ready Public Schools 2023 Union LLC Project, Series A, 6.00%, 7/01/33 | 1,500 | 1,671,840 |
| | Par | |
| Municipal Bonds | (000) | Value |
| California (continued) | | |
| Education (continued) | | |
| California School Finance Authority, RB (continued): | | |
| Alliance College-Ready Public Schools 2023 Union LLC Project, Series A, 6.30%, 7/01/43 | \$ 3,000 | \$ 3,376,140 |
| Value Schools, 6.65%, 7/01/33 | 595 | 660,444 |
| Value Schools, 6.90%, 7/01/43 | 1,330 | 1,487,126 |
| | | 15,182,911 |
| Health 12.8% | | |

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| | | |
|--|--------|------------|
| California Health Facilities Financing Authority, RB: | | |
| Children s Hospital, Series A, 5.25%, 11/01/41 | 9,700 | 10,717,821 |
| Sutter Health, Series B, 6.00%, 8/15/42 | 7,530 | 8,576,218 |
| California Health Facilities Financing Authority, Refunding RB: | | |
| Catholic Healthcare West, Series A, 6.00%, 7/01/19 (a) | 10,000 | 11,111,900 |
| Sutter Health, Series B, 5.00%, 11/15/36 | 280 | 316,028 |
| California Statewide Communities Development Authority, RB, Sutter Health, Series A, 6.00%, 8/15/42 | 8,110 | 9,236,803 |
| Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/38 | 1,625 | 1,859,650 |
| | | 41,818,420 |
| Housing 1.1% | | |
| County of Santa Clara California Housing Authority, RB, John Burns Gardens Apartments Project, Series A, AMT, 6.00%, 8/01/41 | 3,500 | 3,502,380 |
| State 6.7% | | |
| State of California, GO, Various Purposes, 6.00%, 4/01/38 | 2,000 | 2,194,060 |
| State of California Public Works Board, LRB: | | |
| Department of Developmental Services, Potterville, Series C, 6.25%, 4/01/19 (a) | 1,610 | 1,785,747 |
| Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34 | 10,000 | 11,063,000 |
| Various Capital Projects, Series I, 5.50%, 11/01/33 | 1,510 | 1,780,562 |
| Various Capital Projects, Sub-Series I-1, 6.38%, 11/01/19 (a) | 4,400 | 5,017,056 |
| | | 21,840,425 |
| Tobacco 6.6% | | |
| Golden State Tobacco Securitization Corp., Refunding RB, Asset-Backed, Senior, Series A-1, 5.75%, 6/01/47 | 22,085 | 21,697,187 |
| Transportation 14.3% | | |
| City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39 | 5,215 | 5,735,926 |
| City & County of San Francisco California Airports Commission, Refunding ARB, San Francisco International Airport, 5.00%, 5/01/46 | 5,785 | 6,514,026 |
| City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A, AMT, 5.25%, 5/01/33 | 1,440 | 1,598,198 |
| City & County of San Francisco California Airports Commission, Refunding ARB, San Francisco International Airport, Series A, AMT, 5.00%, 5/01/46 | 2,055 | 2,252,424 |
| City of Los Angeles California Department of Airports, ARB, Los Angeles International Airport Series A, AMT, 5.00%, 5/15/42 | 3,520 | 3,873,866 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield California Fund, Inc. (MYC)

| | Par | |
|---|----------|--------------------|
| | (000) | Value |
| Municipal Bonds | | |
| California (continued) | | |
| Transportation (continued) | | |
| City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Series A, 5.25%, 5/15/39 | \$ 3,605 | \$ 3,903,206 |
| City of San Jose California, RB, Series A-1, AMT (AGM): | | |
| 5.50%, 3/01/30 | 1,000 | 1,117,620 |
| 5.75%, 3/01/34 | 1,000 | 1,133,100 |
| City of San Jose California, Refunding ARB, Series A-1, AMT, 6.25%, 3/01/34 | 1,400 | 1,607,564 |
| County of Sacramento California, Refunding ARB, Senior Series A, 5.00%, 7/01/41 | 8,280 | 9,233,608 |
| County of Sacramento California, ARB: | | |
| PFC/Grant, Sub-Series D, 6.00%, 7/01/35 | 3,000 | 3,186,540 |
| Senior Series B, 5.75%, 7/01/39 | 900 | 952,038 |
| San Francisco Port Commission California, RB, Series A, 5.13%, 3/01/40 | 5,075 | 5,507,491 |
| | | 46,615,607 |
| Utilities 9.6% | | |
| City of Los Angeles California Department of Water & Power, RB, Power System, Series A, 5.00%, 7/01/46 | 1,000 | 1,136,990 |
| City of Los Angeles California Department of Water & Power, Refunding RB, Series A: | | |
| 5.25%, 7/01/39 | 4,000 | 4,519,560 |
| 5.00%, 7/01/46 | 2,225 | 2,539,059 |
| City of Petaluma California Wastewater, Refunding RB, 6.00%, 5/01/36 | 2,645 | 3,057,594 |
| Dublin-San Ramon Services District Water Revenue, Refunding RB, 6.00%, 8/01/41 | 2,420 | 2,788,566 |
| Eastern Municipal Water District, Refunding RB, Series A: | | |
| 5.00%, 7/01/38 | 1,930 | 2,207,090 |
| 5.00%, 7/01/42 | 5,000 | 5,700,450 |
| Metropolitan Water District of Southern California, RB, Series A, 5.00%, 7/01/37 | 4,500 | 4,570,920 |
| Oceanside Public Financing Authority, Refunding RB, Series A: | | |
| 5.25%, 5/01/30 | 1,245 | 1,450,014 |
| 5.25%, 5/01/33 | 2,810 | 3,231,640 |
| | | 31,201,883 |
| Total Municipal Bonds 84.6% | | 275,783,753 |

Municipal Bonds Transferred to Tender Option Bond Trusts (c)

| | | |
|--|--------|------------|
| California 87.9% | | |
| County/City/Special District/School District 41.7% | | |
| California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 11/15/41 | 11,000 | 12,220,890 |
| Chabot-Las Positas Community College District, GO, Refunding, 4.00%, 8/01/37 | 3,410 | 3,532,828 |
| City of Los Angeles California, Refunding RB, Series A, 5.00%, 6/01/39 | 9,870 | 10,608,375 |
| County of Los Angeles California Public Works Financing Authority, Refunding RB, Series A: | | |
| 5.00%, 12/01/39 | 17,850 | 20,046,799 |
| 5.00%, 12/01/44 | 14,095 | 15,757,173 |
| Los Angeles Community College District California, GO: | | |
| Election of 2001, Series E-1, 5.00%, 8/01/18 | 14,850 | 15,744,713 |

Par**Municipal Bonds Transferred to Tender Option Bond Trusts (c)**

| | (000) | Value |
|--|----------|---------------|
| California (continued) | | |
| County/City/Special District/School District (continued) | | |
| Los Angeles Community College District California, GO (continued): | | |
| Election of 2008, Series C, 5.25%, 8/01/20 (a)(d) | \$ 9,682 | \$ 10,967,406 |
| Los Angeles Community College District California, GO, Refunding, Series A, 6.00%, 8/01/19 (a) | 3,828 | 4,280,910 |
| Palomar California Community College District, GO, Election of 2006, Series C, 5.00%, 8/01/44 | 15,140 | 17,034,165 |
| San Diego Community College District California, GO, Election of 2002, 5.25%, 8/01/19 (a) | 7,732 | 8,502,073 |

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| | | |
|--|--------|------------|
| San Marcos Unified School District, GO, Election of 2010, Series A, 5.00%, 8/01/38 | 15,520 | 17,257,774 |
|--|--------|------------|

135,953,106

Education 18.9%

| | | |
|--|--------|------------|
| California State University, Refunding RB, Systemwide, Series A, 4.00%, 11/01/35 | 12,250 | 12,641,755 |
|--|--------|------------|

| | | |
|---|--------|------------|
| University of California, RB, Series AM, 5.25%, 5/15/44 | 11,950 | 13,825,075 |
|---|--------|------------|

University of California, Refunding RB:

| | | |
|----------------|-------|-----------|
| 5.00%, 5/15/38 | 4,000 | 4,595,240 |
|----------------|-------|-----------|

| | | |
|---------------------------|-------|-----------|
| Series A, 5.00%, 11/01/43 | 5,001 | 5,686,748 |
|---------------------------|-------|-----------|

| | | |
|--------------------------|--------|------------|
| Series I, 5.00%, 5/15/40 | 21,875 | 24,788,858 |
|--------------------------|--------|------------|

61,537,676

Health 12.5%

California Statewide Communities Development Authority, Refunding RB, Cottage Health

| | | |
|------------------------------------|--------|------------|
| System Obligation, 5.00%, 11/01/43 | 26,870 | 29,279,164 |
|------------------------------------|--------|------------|

| | | |
|---|--|--|
| Regents of the University of California Medical Center Pooled Revenue, Refunding RB, Series | | |
|---|--|--|

| | | |
|-------------------|--------|------------|
| L, 5.00%, 5/15/47 | 10,280 | 11,553,075 |
|-------------------|--------|------------|

40,832,239

State 7.9%

State of California, GO, Refunding, Various Purposes:

| | | |
|----------------|--------|------------|
| 4.00%, 9/01/34 | 13,790 | 14,290,163 |
|----------------|--------|------------|

| | | |
|----------------|--------|------------|
| 5.00%, 9/01/35 | 10,115 | 11,589,240 |
|----------------|--------|------------|

25,879,403

Transportation 5.4%

| | | |
|---|--------|------------|
| City of Los Angeles California Department of Airports, ARB, Series A, AMT, 5.00%, 5/15/45 | 10,045 | 11,074,768 |
|---|--------|------------|

| | | |
|---|--|--|
| County of San Diego Regional Transportation Commission, Refunding RB, Series A, | | |
|---|--|--|

| | | |
|----------------|-------|-----------|
| 5.00%, 4/01/48 | 5,750 | 6,581,163 |
|----------------|-------|-----------|

17,655,931

Utilities 1.5%

| | | |
|---|-------|-----------|
| Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/18 (a) | 4,748 | 5,014,385 |
|---|-------|-----------|

Total Municipal Bonds Transferred to

| | | |
|--|--|-------------|
| Tender Option Bond Trusts 87.9% | | 286,872,740 |
|--|--|-------------|

Total Long-Term Investments

| | | |
|------------------------------------|--|-------------|
| (Cost \$542,979,423) 172.5% | | 562,656,493 |
|------------------------------------|--|-------------|

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield California Fund, Inc. (MYC)

| Short-Term Securities | Shares | Value |
|--|---------|----------------|
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (e)(f) | 518,658 | \$ 518,710 |
| Total Short-Term Securities | | 518,710 |
| (Cost \$518,696) 0.2% | | 563,175,203 |
| Total Investments (Cost \$543,498,119) 172.7% | | 79,249 |
| Other Assets Less Liabilities 0.0% | | (131,385,166) |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (40.3)% | | (105,685,519) |
| VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (32.4)% | | |
| Net Assets Applicable to Common Shares 100.0% | | \$ 326,183,767 |

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) When-issued security.
- (c) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.
- (d) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreement, which expires on August 1, 2018 is \$5,101,199. See Note 4 of the Notes to Financial Statements for details.
- (e) During the six months ended January 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2016 | Net Activity | Shares Held at January 31, 2017 | Value at January 31, 2017 | Income | Net Realized Gain ¹ | Change in Unrealized Appreciation |
|---|------------------------------------|-----------------|---------------------------------------|---------------------------------|----------|--------------------------------------|---|
| BlackRock Liquidity Funds, MuniCash, Institutional Class | 418,955 | 99,703 | 518,658 | \$ 518,710 | \$ 2,696 | \$ 2,523 | \$ 14 |

¹ Includes net capital gain distributions.

- (f) Current yield as of period end.

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

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Futures Contracts

| Contracts | Issue | Expiration | Notional Value | Unrealized Depreciation |
|--------------|----------------------------|------------|----------------|-------------------------|
| Short | | | | |
| (24) | 5-Year U.S. Treasury Note | March 2017 | \$ 2,828,812 | \$ (4,530) |
| (124) | 10-Year U.S. Treasury Note | March 2017 | \$ 15,434,125 | (9,975) |
| (97) | Long U.S. Treasury Bond | March 2017 | \$ 14,631,844 | (11,378) |
| (18) | Ultra U.S. Treasury Bond | March 2017 | \$ 2,892,375 | (13,149) |
| Total | | | | \$ (39,032) |

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

| Liabilities | Derivative Financial Instruments | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|-------------------|--|---------------------|------------------|------------------|-------------------------------------|-------------------------|-----------------|-----------|
| Futures contracts | Net unrealized depreciation ¹ | | | | | \$ 39,032 | | \$ 39,032 |

¹ Includes cumulative depreciation on futures contracts, if any, as reported in the Schedule of Investments. Only current day s variation margin is reported within the Statements of Assets and Liabilities.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield California Fund, Inc. (MYC)

For the six months ended January 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

| | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|---|------------------------|---------------------|---------------------|--|-------------------------------|--------------------|------------|
| Net Realized Gain (Loss) from: | | | | | | | |
| Futures contracts | | | | | \$ 858,474 | | \$ 858,474 |
| Net Change in Unrealized Appreciation (Depreciation) on: | | | | | | | |
| Futures contracts | | | | | \$ 38,705 | | \$ 38,705 |

Average Quarterly Balances of Outstanding Derivative Financial Instruments

| | | |
|-------------------------------------|-------|-------------------------|
| Futures contracts: | | |
| Average notional value of contracts | long | \$ 485,000 ¹ |
| Average notional value of contracts | short | \$ 22,133,938 |

¹ Actual amounts for the period are shown due to limited outstanding derivative financial instruments as of each quarter.

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 562,656,493 | | \$ 562,656,493 |
| Short-Term Securities | \$ 518,710 | | | 518,710 |
| Total | \$ 518,710 | \$ 562,656,493 | | \$ 563,175,203 |

Derivative Financial Instruments²

| | | |
|-------------------------|-------------|-------------|
| Liabilities: | | |
| Interest rate contracts | \$ (39,032) | \$ (39,032) |

¹ See above Schedule of Investments for values in each sector.² Derivative financial instruments are futures contracts. Futures contracts are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------|---------|------------------|---------|------------------|
| Liabilities: | | | | |
| TOB Trust Certificates | | \$ (131,100,632) | | \$ (131,100,632) |
| VRDP Shares at Liquidation Value | | (105,900,000) | | (105,900,000) |

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| | | |
|--------------|------------------|------------------|
| Total | \$ (237,000,632) | \$ (237,000,632) |
|--------------|------------------|------------------|

During the six months ended January 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

JANUARY 31, 2017

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Schedule of Investments January 31, 2017 (Unaudited)

BlackRock MuniYield Investment Fund
(MYF)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| Alabama 0.3% | | |
| City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35 | \$ 545 | \$ 604,961 |
| Alaska 0.8% | | |
| Alaska Municipal Bond Bank Authority, RB (a): | | |
| 5.75%, 9/01/18 | 975 | 1,046,702 |
| 5.75%, 9/01/18 | 25 | 26,834 |
| Northern Tobacco Securitization Corp., Refunding RB, Tobacco Settlement, Asset-Backed, Series A, 5.00%, 6/01/46 | 690 | 581,028 |
| | | 1,654,564 |
| Arizona 1.3% | | |
| Arizona Industrial Development Authority, Refunding RB, Basis Schools, Inc. Projects, Series A, 5.38%, 7/01/50 (b)(c) | 1,645 | 1,656,400 |
| City of Phoenix Arizona IDA, RB, Legacy Traditional Schools Projects, Series A, 5.00%, 7/01/46 (b) | 1,070 | 1,019,710 |
| | | 2,676,110 |
| California 14.6% | | |
| California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/18 (a) | 2,740 | 2,934,787 |
| California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42 | 1,645 | 1,873,556 |
| California Health Facilities Financing Authority, Refunding RB, Catholic Healthcare West, Series A, 6.00%, 7/01/19 (a) | 710 | 788,945 |
| California Statewide Communities Development Authority, Refunding RB, Series A (b): | | |
| Lancer Educational Student Housing Project, 5.00%, 6/01/36 | 1,360 | 1,338,390 |
| Lancer Educational Student Housing Project, 5.00%, 6/01/46 | 1,680 | 1,613,018 |
| Loma Linda University Medical Center, 5.00%, 12/01/46 | 405 | 414,068 |
| City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series A: | | |
| 2nd, 5.50%, 5/01/28 | 1,065 | 1,230,544 |
| 2nd, 5.25%, 5/01/33 | 830 | 921,184 |
| 5.00%, 5/01/44 | 1,275 | 1,379,486 |
| City of Los Angeles California Department of Water & Power, RB, Power System, Sub-Series A-1, 5.25%, 7/01/38 | 2,000 | 2,113,580 |
| City of San Jose California, Refunding ARB, Series A-1, AMT, 5.50%, 3/01/30 | 1,500 | 1,678,290 |
| Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33 | 1,620 | 1,912,361 |
| San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.38%, 2/01/19 (a) | 1,310 | 1,419,149 |
| State of California, GO, Various Purposes, 6.00%, 3/01/33 | 2,535 | 2,869,392 |
| State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/31 | 1,000 | 1,180,540 |
| State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F, 5.25%, 9/01/33 | 835 | 977,443 |
| Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/40 | 625 | 714,806 |
| University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38 | 3,730 | 4,285,919 |
| | | 29,645,458 |
| Municipal Bonds | | |
| Colorado 1.0% | | |
| City & County of Denver Colorado Airport System, ARB, Series A, AMT: | | |
| 5.50%, 11/15/28 | \$ 1,000 | \$ 1,135,870 |
| 5.50%, 11/15/30 | 330 | 371,973 |
| 5.50%, 11/15/31 | 400 | 449,748 |
| | | 1,957,591 |
| Delaware 0.3% | | |
| County of Sussex Delaware, RB, NRG Energy, Inc., Indian River Power LLC Project, 6.00%, 10/01/40 | 500 | 537,490 |

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| | | |
|---|-------|------------|
| District of Columbia 0.5% | | |
| District of Columbia, Refunding RB, GeorgeTown University: | | |
| 5.00%, 4/01/35 | 280 | 316,937 |
| 5.00%, 4/01/36 | 280 | 315,913 |
| 5.00%, 4/01/42 | 325 | 364,907 |
| | | 997,757 |
| Florida 7.2% | | |
| City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33 | | |
| | 675 | 773,584 |
| County of Broward Florida Airport System Revenue, ARB, Series A, AMT, 5.00%, 10/01/45 | | |
| | 985 | 1,063,229 |
| County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport, Series A, AMT, 5.50%, 10/01/29 | | |
| | 1,995 | 2,253,731 |
| County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32 | | |
| | 2,000 | 2,213,920 |
| County of Lee Florida HFA, RB, S/F Housing, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40 | | |
| | 200 | 201,948 |
| County of Manatee Florida HFA, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 5.90%, 9/01/40 | | |
| | 220 | 223,069 |
| County of Miami-Dade Florida, RB, Seaport Department: | | |
| Series A, 5.38%, 10/01/33 | | |
| | 1,170 | 1,295,342 |
| Series B, AMT, 6.25%, 10/01/38 | | |
| | 525 | 621,805 |
| Series B, AMT, 6.00%, 10/01/42 | | |
| | 700 | 806,358 |
| County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31 | | |
| | 2,440 | 2,660,576 |
| Orange County Health Facilities Authority, Refunding RB, Presbyterian Retirement Communities Project, 5.00%, 8/01/41 | | |
| | 1,000 | 1,051,730 |
| Reedy Creek Florida Improvement District, GO, Series A, 5.25%, 6/01/32 | | |
| | 1,200 | 1,380,768 |
| | | 14,546,060 |
| Hawaii 1.2% | | |
| State of Hawaii Department of Transportation, COP, AMT: | | |
| 5.25%, 8/01/25 | 485 | 546,318 |
| 5.25%, 8/01/26 | 525 | 586,325 |
| State of Hawaii Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45 | | |
| | 1,135 | 1,218,752 |
| | | 2,351,395 |
| Idaho 0.3% | | |
| Idaho Health Facilities Authority, RB, Trinity Health Credit Group, 5.00%, 12/01/46 | | |
| | 480 | 534,029 |
| Illinois 14.8% | | |
| City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A, 5.00%, 1/01/41 | | |
| | 1,000 | 1,058,010 |
| City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien, Series C, 6.50%, 1/01/21 (a) | | |
| | 6,065 | 7,214,257 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund
(MYF)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| Illinois (continued) | | |
| City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts: | | |
| 5.25%, 12/01/36 | \$ 1,000 | \$ 1,068,430 |
| 5.25%, 12/01/40 | 1,000 | 1,066,150 |
| County of Cook Illinois Community College District No. 508, GO, City College of Chicago: | | |
| 5.50%, 12/01/38 | 1,000 | 1,072,780 |
| 5.25%, 12/01/43 | 1,500 | 1,582,605 |
| Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41 | 4,000 | 4,540,120 |
| Illinois Finance Authority, Refunding RB: | | |
| Central DuPage Health, Series B, 5.38%, 11/01/39 | 1,200 | 1,313,208 |
| Northwestern Memorial Hospital, Series A, 6.00%, 8/15/39 | 4,160 | 4,590,602 |
| Presence Health Network, Series C, 4.00%, 2/15/41 | 910 | 755,655 |
| Railsplitter Tobacco Settlement Authority, RB: | | |
| 5.50%, 6/01/23 | 1,370 | 1,544,113 |
| 6.00%, 6/01/28 | 390 | 443,395 |
| State of Illinois, GO: | | |
| 5.25%, 2/01/32 | 2,200 | 2,242,548 |
| 5.50%, 7/01/33 | 1,000 | 1,042,140 |
| 5.50%, 7/01/38 | 415 | 429,010 |
| | | 29,963,023 |
| Indiana 4.4% | | |
| City of Valparaiso Indiana, RB, Exempt Facilities, Pratt Paper LLC Project, AMT, 6.75%, 1/01/34 | | |
| | 1,350 | 1,591,974 |
| County of Allen Indiana, RB, StoryPoint Fort Wayne Project, Series A-1 (b)(c): | | |
| 6.63%, 1/15/34 | 170 | 168,387 |
| 6.75%, 1/15/43 | 255 | 252,822 |
| 6.88%, 1/15/52 | 515 | 508,578 |
| Indiana Finance Authority, Refunding RB, Marquette Project, 4.75%, 3/01/32 | 700 | 693,280 |
| Indiana Municipal Power Agency, RB, Series B, 6.00%, 1/01/19 (a) | 4,525 | 4,938,902 |
| Town of Chesterton Indiana, RB, StoryPoint Chesterton Project, Series A-1, 6.38%, 1/15/51 (b) | 720 | 697,565 |
| | | 8,851,508 |
| Iowa 1.0% | | |
| Iowa Finance Authority, Refunding RB, Midwestern Disaster Area, Iowa Fertilizer Co. Project: | | |
| 5.50%, 12/01/22 | 1,260 | 1,266,300 |
| 5.25%, 12/01/25 | 865 | 863,426 |
| | | 2,129,726 |
| Kansas 1.8% | | |
| Kansas Development Finance Authority, Refunding RB, Adventist Health System/Sunbelt Obligated Group, Series C, 5.50%, 11/15/29 | | |
| | 3,275 | 3,593,461 |
| Louisiana 2.3% | | |
| Lake Charles Harbor & Terminal District, RB, Series B, AMT (AGM), 5.50%, 1/01/29 | | |
| | 1,500 | 1,722,525 |
| Louisiana Local Government Environmental Facilities & Community Development Authority, RB, Westlake Chemical Corp. Project, Series A-1, 6.50%, 11/01/35 | | |
| | 1,420 | 1,632,929 |
| Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29 | 1,195 | 1,262,733 |
| | | 4,618,187 |
| Maine 1.4% | | |
| Maine Health & Higher Educational Facilities Authority, RB, Maine General Medical Center, 7.50%, 7/01/32 | | |
| | 2,500 | 2,833,075 |
| Municipal Bonds | | |
| Maryland 0.4% | | |
| City of Baltimore Maryland, Tax Allocation Bonds, Center/West Development, Series A, 5.38%, 6/01/36 | | |
| | \$ 585 | \$ 584,602 |
| Maryland Health & Higher Educational Facilities Authority, RB, Trinity Health Credit Group, 5.00%, 12/01/46 | 275 | 305,206 |

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| | | |
|---|-------|-----------|
| | | 889,808 |
| Massachusetts 2.3% | | |
| Massachusetts HFA, Refunding RB, AMT: | | |
| Series B, 5.50%, 6/01/41 | 975 | 1,000,009 |
| Series C, 5.35%, 12/01/42 | 1,545 | 1,638,009 |
| Series F, 5.70%, 6/01/40 | 1,890 | 1,944,110 |
| | | 4,582,128 |
| Michigan 2.7% | | |
| City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A, 5.50%, 7/01/41 | 1,805 | 2,041,780 |
| Michigan State Building Authority, Refunding RB, Facilities Program Series: | | |
| 6.00%, 10/15/18 (a) | 760 | 821,902 |
| 6.00%, 10/15/18 (a) | 450 | 486,652 |
| 6.00%, 10/15/38 | 40 | 42,936 |
| Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/18 (a) | 1,970 | 2,189,123 |
| | | 5,582,393 |
| Minnesota 0.2% | | |
| City of Rochester Minnesota Electric Utility Revenue, Refunding RB, Series A, 5.00%, 12/01/47 (c) | 455 | 515,633 |
| Mississippi 1.1% | | |
| Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40 | 1,785 | 2,259,721 |
| Nevada 3.4% | | |
| City of Las Vegas Nevada, GO, Limited Tax, Performing Arts Center, 6.00%, 4/01/19 (a) | 2,850 | 3,142,011 |
| County of Clark Nevada Airport System, ARB, Series B, 5.75%, 7/01/42 | 3,375 | 3,757,185 |
| | | 6,899,196 |
| New Jersey 4.4% | | |
| New Jersey EDA, RB, Private Activity Bond, Goethals Bridge Replacement Project, AMT (AGM), 5.00%, 1/01/31 | 900 | 984,582 |
| New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project, AMT, Series A, 5.70%, 10/01/39 | 2,250 | 2,450,205 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System: | | |
| Series A, 5.88%, 12/15/38 | 2,670 | 2,836,261 |
| Series AA, 5.50%, 6/15/39 | 2,475 | 2,571,748 |
| | | 8,842,796 |
| New York 2.1% | | |
| Brooklyn Arena Local Development Corp., Refunding RB, Barclays Center Project, Series A (AGM), 3.00%, 7/15/43 | 1,695 | 1,398,985 |
| Counties of New York Tobacco Trust IV, Refunding RB, Settlement Pass-Through Turbo, Series A, 6.25%, 6/01/41 (b) | 1,100 | 1,140,040 |
| New York Liberty Development Corp., Refunding RB, 2nd Priority, Bank of America Tower at One Bryant Park Project, Class 3, 6.38%, 7/15/49 | 1,650 | 1,798,533 |
| | | 4,337,558 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund
(MYF)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| Ohio 2.4% | | |
| County of Allen Ohio Hospital Facilities, Refunding RB, Catholic Healthcare Partners, Series A, 5.25%, 6/01/38 | \$ 3,115 | \$ 3,365,446 |
| County of Franklin Ohio, RB, Trinity Health Credit Group, 5.00%, 12/01/46 | 260 | 287,147 |
| State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 2/15/31 | 1,000 | 1,140,610 |
| | | 4,793,203 |
| Pennsylvania 3.0% | | |
| Pennsylvania Economic Development Financing Authority, RB, American Water Co. Project, 6.20%, 4/01/39 | 1,075 | 1,172,287 |
| Pennsylvania Economic Development Financing Authority, Refunding RB, National Gypsum Co., AMT, 5.50%, 11/01/44 | 1,000 | 1,054,710 |
| Pennsylvania Turnpike Commission, RB, Sub Series A, 5.63%, 12/01/31 | 2,015 | 2,249,909 |
| Township of Bristol Pennsylvania School District, GO, 5.25%, 6/01/37 | 1,500 | 1,655,055 |
| | | 6,131,961 |
| Rhode Island 2.1% | | |
| Tobacco Settlement Financing Corp., Refunding RB: | | |
| Series A, 5.00%, 6/01/35 | 525 | 549,733 |
| Series B, 4.50%, 6/01/45 | 3,950 | 3,732,236 |
| | | 4,281,969 |
| South Carolina 4.5% | | |
| County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38 | 2,505 | 2,870,780 |
| County of Charleston South Carolina Airport District, ARB, Series A, AMT: 6.00%, 7/01/38 | 1,955 | 2,219,238 |
| 5.50%, 7/01/41 | 1,000 | 1,106,150 |
| South Carolina Ports Authority, RB, AMT, 5.25%, 7/01/50 | 1,280 | 1,385,741 |
| State of South Carolina Public Service Authority, Refunding RB, Series E, 5.25%, 12/01/55 | 1,500 | 1,642,965 |
| | | 9,224,874 |
| Texas 7.7% | | |
| Central Texas Regional Mobility Authority, Refunding RB, Senior Lien (a): | | |
| 5.75%, 1/01/21 | 1,000 | 1,156,520 |
| 6.00%, 1/01/21 | 2,600 | 3,031,522 |
| County of Tarrant Texas Cultural Education Facilities Finance Corp., RB, Scott & White Healthcare, 6.00%, 8/15/20 (a) | 3,515 | 4,061,161 |
| Dallas-Fort Worth International Airport, ARB, Joint Improvement, AMT: | | |
| Series A, 5.00%, 11/01/38 | 1,365 | 1,447,146 |
| Series H, 5.00%, 11/01/37 | 1,535 | 1,650,877 |
| Fort Bend County Industrial Development Corp., RB, NRG Energy Project, Series B, 4.75%, 11/01/42 | 545 | 550,259 |
| North Texas Tollway Authority, Refunding RB, 1st Tier, Series K-1 (AGC), 5.75%, 1/01/19 (a) | 1,000 | 1,086,350 |
| Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38 | 710 | 799,140 |
| Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, NTE Mobility Partners LLC, North Tarrant Express Managed Lanes Project, 6.88%, 12/31/39 | 1,700 | 1,922,258 |
| | | 15,705,233 |
| Municipal Bonds | | |
| Virginia 1.7% | | |
| City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43 | \$ 560 | \$ 618,105 |
| Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (a) | 800 | 878,816 |
| Virginia Small Business Financing Authority, RB, Senior Lien, Elizabeth River Crossings OpCo LLC Project, AMT, 6.00%, 1/01/37 | 1,715 | 1,921,229 |
| | | 3,418,150 |
| Wisconsin 2.4% | | |
| Wisconsin Health & Educational Facilities Authority, Refunding RB: | | |

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| | | |
|--|-------|-------------|
| Froedtert & Community Health, Inc., Series C, 5.25%, 4/01/39 | 3,470 | 3,649,642 |
| Medical College of Wisconsin, Inc., 4.00%, 12/01/46 | 1,155 | 1,155,866 |
| | | 4,805,508 |
| Total Municipal Bonds 93.6% | | 189,764,526 |

**Municipal Bonds Transferred to
Tender Option Bond Trusts (d)**

| | | |
|--|-------|------------|
| Alabama 0.6% | | |
| Auburn University, Refunding RB, Series A, 4.00%, 6/01/41 | 1,080 | 1,103,619 |
| California 21.9% | | |
| Bay Area Toll Authority, Refunding RB, San Francisco Bay Area, Series F-1, 5.63%, 4/01/19 (a) | 2,680 | 2,937,342 |
| California Educational Facilities Authority, RB, University of Southern California, Series B, 5.25%, 10/01/18 (a)(e) | 4,200 | 4,498,578 |
| Grossmont Union High School District, GO, Election of 2008, Series B, 5.00%, 8/01/20 (a) | 6,000 | 6,741,420 |
| Los Angeles Community College District California, GO, Election of 2008, Series C, 5.25%, 8/01/20 (a)(e) | 5,251 | 5,948,232 |
| Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/19 (a) | 7,697 | 8,606,529 |
| Los Angeles Unified School District California, GO, Series I, 5.00%, 1/01/34 | 790 | 854,598 |
| Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/47 | 1,980 | 2,240,162 |
| San Diego Public Facilities Financing Authority Water, RB, Series B, 5.50%, 8/01/19 (a) | 8,412 | 9,303,343 |
| University of California, RB, Series O, 5.75%, 5/15/19 (a) | 3,001 | 3,310,757 |
| | | 44,440,961 |
| Colorado 1.1% | | |
| Colorado Health Facilities Authority, Refunding RB, Catholic Health Initiatives, Series A, 5.50%, 7/01/34 (e) | 2,149 | 2,232,399 |
| District of Columbia 3.4% | | |
| District of Columbia, RB, Series A, 5.50%, 12/01/30 (e) | 2,804 | 3,111,023 |
| District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 5.50%, 10/01/18 (a) | 3,507 | 3,764,929 |
| | | 6,875,952 |
| Florida 2.0% | | |
| County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A, AMT (AGC), 5.50%, 10/01/38 | 3,869 | 4,082,912 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund
(MYF)

| | Par | |
|--|------------|--------------|
| | (000) | Value |
| Municipal Bonds Transferred to Tender Option Bond Trusts (d) | | |
| Illinois 3.7% | | |
| State of Illinois Finance Authority, RB, University of Chicago, Series B, 6.25%, 7/01/18 (a) | \$ 5,300 | \$ 5,677,890 |
| State of Illinois Toll Highway Authority, RB, Senior Priority, Series B, 5.50%, 1/01/18 (a) | 1,750 | 1,822,161 |
| | | 7,500,051 |
| Nevada 9.1% | | |
| County of Clark Nevada Water Reclamation District, GO (a): | | |
| Limited Tax, 6.00%, 7/01/18 | 5,000 | 5,350,000 |
| Series B, 5.50%, 7/01/19 | 5,668 | 6,246,985 |
| Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28 | 6,070 | 6,793,180 |
| | | 18,390,165 |
| New Hampshire 1.2% | | |
| New Hampshire Health & Education Facilities Authority, RB, Dartmouth College, 5.25%, 6/01/19 (a)(e) | 2,159 | 2,358,752 |
| New Jersey 3.7% | | |
| New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29 | 2,251 | 2,329,349 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System: | | |
| Series A (AMBAC), 5.00%, 12/15/32 | 4,000 | 4,099,680 |
| Series B, 5.25%, 6/15/36 (e) | 1,000 | 1,016,153 |
| | | 7,445,182 |
| New York 16.5% | | |
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution: | | |
| Series BB, 5.25%, 6/15/44 | 4,408 | 4,985,564 |
| Series FF, 5.00%, 6/15/45 | 3,859 | 4,271,252 |
| Series FF-2, 5.50%, 6/15/40 | 2,505 | 2,735,660 |
| City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39 | 2,499 | 2,669,568 |
| Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (e) | 1,290 | 1,459,979 |
| Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56 | 3,000 | 3,396,631 |
| New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43 | 4,365 | 4,874,128 |
| New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (e) | 2,560 | 2,913,765 |
| New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/38 | 5,700 | 6,134,055 |
| | | 33,440,602 |
| Pennsylvania 0.9% | | |
| Pennsylvania Turnpike Commission, RB, Sub Series A, 5.50%, 12/01/42 (b) | 1,514 | 1,726,233 |
| | Par | |
| Municipal Bonds Transferred to Tender Option Bond Trusts (d) | | |
| | (000) | Value |
| South Carolina 1.7% | | |
| South Carolina Public Service Authority, Refunding RB, Series A (a)(e): | | |
| 5.50%, 1/01/19 | \$ 258 | \$ 279,511 |
| 5.50%, 1/01/19 | 2,986 | 3,231,932 |
| | | 3,511,443 |
| Texas 7.0% | | |
| City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/19 (a)(e) | 3,989 | 4,305,287 |
| County of Harris Texas Cultural Education Facilities Finance Corp., RB, Texas Children s | | |
| Hospital Project, 5.50%, 10/01/39 | 5,400 | 5,888,970 |
| North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41 | 3,480 | 3,958,465 |
| | | 14,152,722 |

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| | | |
|---|-------|-------------|
| Utah 1.0% | | |
| City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 | 1,994 | 2,114,851 |
| Virginia 0.9% | | |
| County of Fairfax Virginia IDA, Refunding RB, Health Care, Inova Health System: | | |
| 5.50%, 5/15/19 (a) | 612 | 664,480 |
| 5.50%, 5/15/35 | 1,137 | 1,234,517 |
| | | 1,898,997 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 74.7% | | 151,274,841 |
| Total Long-Term Investments (Cost \$316,871,906) 168.3% | | 341,039,367 |

| Short-Term Securities | Shares | |
|--|---------------|----------------|
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (f)(g) | 1,019,063 | 1,019,165 |
| Total Short-Term Securities (Cost \$1,019,165) 0.5% | | 1,019,165 |
| Total Investments (Cost \$317,891,071) 168.8% | | 342,058,532 |
| Other Assets Less Liabilities 0.4% | | 811,413 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (40.0)% | | (81,056,779) |
| VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (29.2)% | | (59,223,187) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 202,589,979 |

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) When-issued security.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (e) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire between February 1, 2017 to November 15, 2019, is \$18,113,292. See Note 4 of the Notes to Financial Statements for details.

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield Investment Fund
(MYF)

(f) During the six months ended January 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2016 | Net Activity | Shares Held at January 31, 2017 | Value at January 31, 2017 | Income | Net Realized Gain ¹ | Change in Unrealized Appreciation (Depreciation) |
|---|------------------------------------|-----------------|---------------------------------------|---------------------------------|----------|--------------------------------------|--|
| BlackRock Liquidity Funds, MuniCash, Institutional Class | 1 | 1,019,062 | 1,019,063 | \$ 1,019,165 | \$ 1,007 | \$ 109 | |

¹ Includes net capital gain distributions.

(g) Current yield as of period end.

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts
Contracts

| Short | Issue | Expiration | Notional Value | Unrealized Depreciation |
|--------------|----------------------------|------------|-------------------|----------------------------|
| (36) | 5-Year U.S. Treasury Note | March 2017 | \$ 4,243,219 | \$ (14,887) |
| (51) | 10-Year U.S. Treasury Note | March 2017 | \$ 6,347,906 | (32,521) |
| (26) | Long U.S. Treasury Bond | March 2017 | \$ 3,921,938 | (18,991) |
| (4) | Ultra U.S. Treasury Bond | March 2017 | \$ 642,750 | (5,026) |
| Total | | | | \$ (71,425) |

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

| Liabilities | Derivative Financial Instruments | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|-------------------|---|------------------------|---------------------|---------------------|--|-------------------------------|--------------------|-----------|
| Futures contracts | Net unrealized depreciation ¹ | | | | | \$ 71,425 | | \$ 71,425 |

¹ Includes cumulative depreciation on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended January 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

| Net Realized Gain (Loss) from: | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|--------------------------------|------------------------|---------------------|---------------------|--|-------------------------------|--------------------|-------|
| | | | | | | | |

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| | | |
|---|-------------|-------------|
| Futures contracts | \$ 645,650 | \$ 645,650 |
| Net Change in Unrealized Appreciation (Depreciation) on: | | |
| Futures contracts | \$ (29,170) | \$ (29,170) |

Average Quarterly Balances of Outstanding Derivative Financial Instruments

| | | |
|-------------------------------------|-------|---------------|
| Futures contracts: | | |
| Average notional value of contracts | short | \$ 11,768,867 |

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield Investment Fund
(MYF)**Fair Value Hierarchy as of Period End**

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 341,039,367 | | \$ 341,039,367 |
| Short-Term Securities | \$ 1,019,165 | | | 1,019,165 |
| Total | \$ 1,019,165 | \$ 341,039,367 | | \$ 342,058,532 |

Derivative Financial Instruments²**Liabilities:**

| | | | | |
|-------------------------|-------------|--|--|-------------|
| Interest rate contracts | \$ (71,425) | | | \$ (71,425) |
|-------------------------|-------------|--|--|-------------|

¹ See above Schedule of Investments for values in each state or political subdivision.

² Derivative financial instruments are futures contracts. Futures contracts are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------|---------|------------------|---------|------------------|
| Liabilities: | | | | |
| TOB Trust Certificates | | \$ (80,899,953) | | \$ (80,899,953) |
| VRDP Shares at Liquidation Value | | (59,400,000) | | (59,400,000) |
| Total | | \$ (140,299,953) | | \$ (140,299,953) |

During the six months ended January 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Schedule of Investments January 31, 2017 (Unaudited)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

(Percentages shown are based on Net Assets)

| | Par | |
|--|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New Jersey 131.0% | | |
| Corporate 11.0% | | |
| County of Salem New Jersey Pollution Control Financing Authority, Refunding RB, Atlantic City Electric, Series A, 4.88%, 6/01/29 | \$ 4,550 | \$ 4,839,289 |
| New Jersey EDA, RB, Continental Airlines, Inc. Project, AMT: | | |
| Series B, 5.63%, 11/15/30 | 485 | 526,264 |
| Series A, 5.63%, 11/15/30 | 1,730 | 1,877,188 |
| New Jersey EDA, Refunding RB: | | |
| Duke Farms Foundation Project, 4.00%, 7/01/46 | 1,330 | 1,338,632 |
| New Jersey American Water Co., Inc. Project, AMT, Series A, 5.70%, 10/01/39 | 7,900 | 8,602,942 |
| New Jersey American Water Co., Inc. Project, AMT, Series B, 5.60%, 11/01/34 | 2,430 | 2,646,440 |
| United Water of New Jersey, Inc., Series B (AMBAC), 4.50%, 11/01/25 | 4,500 | 4,661,775 |
| | | 24,492,530 |
| County/City/Special District/School District 20.5% | | |
| Casino Reinvestment Development Authority, Refunding RB: | | |
| 5.25%, 11/01/39 | 2,280 | 2,264,838 |
| 5.25%, 11/01/44 | 6,500 | 6,387,550 |
| City of Bayonne New Jersey, GO, Refunding, Qualified General Improvement, (BAM): | | |
| 5.00%, 7/01/33 | 925 | 1,031,532 |
| 5.00%, 7/01/35 | 1,435 | 1,588,158 |
| City of Margate New Jersey, GO, Refunding, Improvement: | | |
| 5.00%, 1/15/26 | 1,200 | 1,335,504 |
| 5.00%, 1/15/27 | 845 | 939,057 |
| City of Perth Amboy New Jersey, GO, CAB, Refunding (AGM), 5.00%, 7/01/33 | 755 | 761,455 |
| County of Essex New Jersey Improvement Authority, RB, AMT, 5.25%, 7/01/45 (b) | 3,765 | 3,707,433 |
| County of Essex New Jersey Improvement Authority, Refunding RB, Project Consolidation (NPFGC): | | |
| 5.50%, 10/01/28 | 2,700 | 3,388,230 |
| 5.50%, 10/01/29 | 5,085 | 6,411,626 |
| County of Hudson New Jersey Improvement Authority, RB, Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44 | 4,800 | 5,089,968 |
| County of Mercer New Jersey Improvement Authority, RB, Courthouse Annex Project, 5.00%, 9/01/40 | 1,470 | 1,642,622 |
| County of Middlesex New Jersey, COP, Refunding, Civic Square IV Redevelopment, 5.00%, 10/15/31 | 1,400 | 1,687,602 |
| County of Union New Jersey Improvement Authority, LRB, Guaranteed Lease, Family Court Building Project, 5.00%, 5/01/42 | 1,400 | 1,564,108 |
| County of Union New Jersey Utilities Authority, Refunding RB, Series A: | | |
| Resources Recovery Facility, Covanta Union, Inc., AMT, 5.25%, 12/01/31 | 670 | 719,225 |
| Solid Waste System, County Deficiency Agreement, 5.00%, 6/15/41 | 4,115 | 4,458,520 |
| Monroe Township Board of Education Middlesex County, GO, Refunding, 5.00%, 3/01/38 | 1,625 | 1,817,108 |
| New Brunswick New Jersey Parking Authority, Refunding RB, City Guaranteed, Series A (BAM), 5.00%, 9/01/39 | 735 | 826,632 |
| | | 45,621,168 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Education 28.0% | | |
| County of Atlantic New Jersey Improvement Authority, RB, Stockton University Atlantic City, Series A (AGM), 4.00%, 7/01/46 | \$ 1,000 | \$ 991,420 |
| New Jersey EDA, RB: | | |
| Leap Academy Charter School, Series A, 6.20%, 10/01/44 | 235 | 229,214 |
| Leap Academy Charter School, Series A, 6.30%, 10/01/49 | 375 | 367,654 |
| MSU Student Housing Project Provide, 5.75%, 6/01/31 | 1,000 | 1,083,590 |
| MSU Student Housing Project Provide, 5.88%, 6/01/42 | 1,500 | 1,620,660 |

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| | | |
|---|-------|-----------|
| School Facilities Construction (AGC), 5.50%, 12/15/18 (a) | 1,295 | 1,399,688 |
| School Facilities Construction (AGC), 5.50%, 12/15/34 | 25 | 26,489 |
| Team Academy Charter School Project, 6.00%, 10/01/33 | 2,835 | 3,091,001 |
| New Jersey EDA, Refunding RB, Greater Brunswick Charter School, Inc. Project, Series A (b): | | |
| 5.88%, 8/01/44 | 780 | 755,734 |
| 6.00%, 8/01/49 | 555 | 542,590 |
| New Jersey Educational Facilities Authority, RB: | | |
| Higher Educational Capital Improvement Fund, Series A, 5.00%, 9/01/32 | 3,925 | 3,949,453 |
| Montclair State University, Series J, 5.25%, 7/01/18 (a) | 640 | 677,882 |
| New Jersey Educational Facilities Authority, Refunding RB: | | |
| City of New Jersey University Issue, Series D, 4.00%, 7/01/34 | 535 | 538,119 |
| College of New Jersey, Series D (AGM), 5.00%, 7/01/18 (a) | 485 | 512,145 |
| College of New Jersey, Series D (AGM), 5.00%, 7/01/18 (a) | 4,600 | 4,857,462 |
| College of New Jersey, Series F, 4.00%, 7/01/33 | 570 | 578,487 |
| Georgian Court University, Series D, 5.25%, 7/01/37 | 1,000 | 1,012,330 |
| Kean University, Series A, 5.50%, 9/01/36 | 4,500 | 4,875,570 |
| Montclair State University, Series A, 5.00%, 7/01/44 | 6,790 | 7,482,648 |
| Montclair State University, Series B, 5.00%, 7/01/33 | 1,000 | 1,130,560 |
| New Jersey Institute of Technology, Series H, 5.00%, 7/01/31 | 1,250 | 1,357,050 |
| Ramapo College, Series B, 5.00%, 7/01/42 | 340 | 368,359 |
| Rider University, Series A, 5.00%, 7/01/32 | 1,000 | 1,060,440 |
| Rowan University, Series B (AGC), 5.00%, 7/01/18 (a) | 1,800 | 1,899,450 |
| Seton Hall University, Series D, 5.00%, 7/01/38 | 395 | 433,536 |
| University of Medicine & Dentistry, Series B, 7.13%, 6/01/19 (a) | 1,300 | 1,474,252 |
| New Jersey Higher Education Student Assistance Authority, Refunding RB: | | |
| Series 1, AMT, 5.75%, 12/01/29 | 2,905 | 3,150,792 |
| Series 1A, 5.00%, 12/01/25 | 640 | 670,579 |
| Series 1A, 5.00%, 12/01/26 | 400 | 418,268 |
| Series 1A, 5.25%, 12/01/32 | 900 | 947,304 |
| New Jersey Institute of Technology, RB, Series A: | | |
| 5.00%, 7/01/40 | 1,500 | 1,651,275 |
| 5.00%, 7/01/42 | 3,040 | 3,340,200 |
| 5.00%, 7/01/45 | 2,935 | 3,195,423 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

| | Par | |
|---|--------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Education (continued) | | |
| Rutgers The State University of New Jersey, Refunding RB, Series L, 5.00%, 5/01/43 | \$ 5,870 | \$ 6,527,205 |
| | | 62,216,829 |
| Health 10.6% | | |
| County of Camden New Jersey Improvement Authority, Refunding RB, 5.00%, 2/15/34 | 590 | 616,668 |
| New Jersey EDA, Refunding RB, Lions Gate Project: | | |
| 5.00%, 1/01/34 | 500 | 506,980 |
| 5.25%, 1/01/44 | 315 | 321,760 |
| Meridian Health System Obligated Group, Series I (AGC), 5.00%, 7/01/38 | 925 | 959,207 |
| Meridian Health System Obligated Group, Series V (AGC), 5.00%, 7/01/38 | 400 | 415,816 |
| Robert Wood Johnson University Hospital, Series A, 5.50%, 7/01/43 | 1,420 | 1,588,838 |
| Virtua Health, Series A (AGC), 5.50%, 7/01/38 | 2,500 | 2,699,225 |
| New Jersey Health Care Facilities Financing Authority, Refunding RB: | | |
| AHS Hospital Corp., 6.00%, 7/01/21 (a) | 2,435 | 2,888,933 |
| Princeton Healthcare System, 5.00%, 7/01/34 | 860 | 946,034 |
| Princeton Healthcare System, 5.00%, 7/01/39 | 1,445 | 1,558,591 |
| Robert Wood Johnson University Hospital, 5.00%, 1/01/20 (a) | 1,000 | 1,103,130 |
| RWJ Barnabas Health Obligated Group, Series A, 4.00%, 7/01/43 | 935 | 927,436 |
| RWJ Barnabas Health Obligated Group, Series A, 5.00%, 7/01/43 | 2,160 | 2,345,695 |
| St. Barnabas Health Care System, Series A, 5.63%, 7/01/21 (a) | 1,090 | 1,275,834 |
| St. Barnabas Health Care System, Series A, 5.63%, 7/01/21 (a) | 3,030 | 3,546,585 |
| St. Joseph s Healthcare System Obligated Group, 4.00%, 7/01/34 | 265 | 249,723 |
| St. Joseph s Healthcare System Obligated Group, 5.00%, 7/01/41 | 705 | 737,296 |
| St. Joseph s Healthcare System Obligated Group, 4.00%, 7/01/48 | 930 | 836,303 |
| | | 23,524,054 |
| Housing 2.9% | | |
| New Jersey Housing & Mortgage Finance Agency, RB: | | |
| M/F Housing, Series A, 4.75%, 11/01/29 | 2,305 | 2,384,684 |
| S/F Housing, Series AA, 6.50%, 10/01/38 | 80 | 82,346 |
| S/F Housing, Series CC, 5.00%, 10/01/34 | 1,460 | 1,496,033 |
| S/F Housing, Series U, AMT, 4.95%, 10/01/32 | 250 | 250,457 |
| S/F Housing, Series U, AMT, 5.00%, 10/01/37 | 260 | 262,072 |
| Newark Housing Authority, RB, South Ward Police Facility (AGC), 6.75%, 12/01/19 (a) | 1,750 | 2,010,802 |
| | | 6,486,394 |
| State 13.9% | | |
| Garden State Preservation Trust, RB, CAB, Series B (AGM) (c): | | |
| 0.00%, 11/01/23 | 1,460 | 1,177,067 |
| 0.00%, 11/01/28 | 4,540 | 2,931,796 |
| New Jersey EDA, RB: | | |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25 | 2,000 | 2,242,400 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33 | 9,090 | 9,325,885 |
| School Facilities Construction, Series CC-2, 5.00%, 12/15/31 | 1,125 | 1,130,130 |
| New Jersey EDA, Refunding RB: | | |
| 5.25%, 6/15/19 (a) | 265 | 289,619 |
| | Par | |
| | (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| State (continued) | | |
| New Jersey EDA, Refunding RB (continued): | | |
| Cigarette Tax, 5.00%, 6/15/26 | \$ 440 | \$ 466,677 |
| Cigarette Tax, 5.00%, 6/15/28 | 720 | 759,938 |
| Cigarette Tax, 5.00%, 6/15/29 | 1,760 | 1,850,570 |
| School Facilities Construction, Series AA, 5.25%, 6/15/19 (a) | 70 | 76,572 |
| School Facilities Construction, Series AA, 5.50%, 6/15/19 (a) | 2,005 | 2,204,918 |

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| | | |
|--|--------|------------|
| School Facilities Construction, Series GG, 5.25%, 9/01/27 | 3,000 | 3,104,550 |
| School Facilities Construction, Series AA, 5.50%, 12/15/29 | 995 | 1,037,845 |
| School Facilities Construction, Series AA, 5.25%, 12/15/33 | 665 | 674,137 |
| New Jersey Health Care Facilities Financing Authority, RB: | | |
| Hospital Asset Transformation Program, Series A, 5.25%, 10/01/18 (a) | 515 | 550,411 |
| Hospital Asset Transformation Program, Series A, 5.25%, 10/01/38 | 1,785 | 1,795,888 |
| State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/19 (a) | 1,100 | 1,202,190 |
| | | 30,820,593 |
| Transportation 42.5% | | |
| Delaware River Port Authority of Pennsylvania & New Jersey, RB: | | |
| 5.00%, 1/01/40 | 2,620 | 2,871,310 |
| Series D, 5.00%, 1/01/40 | 1,535 | 1,663,004 |
| New Jersey EDA, RB, Goethals Bridge Replacement Project, Private Activity Bond, AMT: | | |
| 5.38%, 1/01/43 | 9,420 | 9,956,469 |
| (AGM), 5.00%, 1/01/31 | 1,000 | 1,093,980 |
| New Jersey State Turnpike Authority, RB: | | |
| Series A, 5.00%, 1/01/38 | 10,750 | 11,891,220 |
| Series A, 5.00%, 1/01/43 | 610 | 669,280 |
| Series E, 5.25%, 1/01/40 | 2,525 | 2,677,030 |
| New Jersey State Turnpike Authority, Refunding RB, Series A, 5.00%, 1/01/35 | 1,000 | 1,102,790 |
| New Jersey Transportation Trust Fund Authority, RB: | | |
| CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 (c) | 4,140 | 1,633,189 |
| Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 6/15/30 | 1,250 | 1,314,975 |
| Federal Highway Reimbursement Revenue Notes, Series A-2, 5.00%, 6/15/30 | 6,570 | 6,728,206 |
| Transportation Program, Series AA, 5.00%, 6/15/38 | 5,935 | 5,903,782 |
| Transportation Program, Series AA, 5.25%, 6/15/41 | 2,960 | 2,997,829 |
| Transportation System, 6.00%, 12/15/38 | 1,950 | 2,063,704 |
| Transportation System, Series A, 6.00%, 6/15/35 | 6,030 | 6,526,872 |
| Transportation System, Series A, 5.88%, 12/15/38 | 3,650 | 3,877,285 |
| Transportation System, Series A, 5.50%, 6/15/41 | 5,500 | 5,617,260 |
| Transportation System, Series A (AGC), 5.63%, 12/15/28 | 1,250 | 1,347,587 |
| Transportation System, Series A (AGC), 5.50%, 12/15/38 | 1,000 | 1,053,880 |
| Transportation System, Series AA, 5.50%, 6/15/39 | 5,520 | 5,735,777 |

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

| | Par | |
|--|------------|--------------|
| | (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Transportation (continued) | | |
| Port Authority of New York & New Jersey, ARB: | | |
| Consolidated, 93rd Series, 6.13%, 6/01/94 | \$ 5,000 | \$ 5,920,300 |
| JFK International Air Terminal, Series 8, 6.00%, 12/01/42 | 2,700 | 3,037,500 |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated: | | |
| 152nd Series, AMT, 5.75%, 11/01/30 | 2,300 | 2,424,476 |
| 152nd Series, AMT, 5.25%, 11/01/35 | 240 | 249,970 |
| 166th Series, 5.25%, 7/15/36 | 4,000 | 4,460,760 |
| 172nd Series, AMT, 5.00%, 10/01/34 | 1,500 | 1,632,045 |
| | | 94,450,480 |
| Utilities 1.6% | | |
| Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC), 0.00%, 9/01/31 (c) | 6,000 | 3,565,920 |
| Total Municipal Bonds in New Jersey | | 291,177,968 |
| New York 0.1% | | |
| Transportation 0.1% | | |
| Port Authority of New York & New Jersey, ARB, Consolidated, 169th Series, 5.00%, 10/15/41 | 250 | 267,245 |
| Total Municipal Bonds 131.1% | | 291,445,213 |
| Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts (d) | | |
| New Jersey 30.8% | | |
| County/City/Special District/School District 6.9% | | |
| County of Hudson New Jersey Improvement Authority, RB, Hudson County Vocational-Technical Schools Project, 5.25%, 5/01/51 | | |
| | 1,440 | 1,637,582 |
| County of Union New Jersey Utilities Authority, Refunding LRB, Resource Recovery Facility, Covanta Union, Inc., Series A, AMT, 5.25%, 12/01/31 | | |
| | 12,820 | 13,761,886 |
| | | 15,399,468 |
| Education 1.0% | | |
| Rutgers-The State University of New Jersey, RB, Series F, 5.00%, 5/01/19 (a) | 2,011 | 2,180,186 |
| State 7.1% | | |
| Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28 | 5,460 | 6,626,529 |
| | Par | |
| Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts (d) | | |
| New Jersey (continued) | | |
| State (continued) | | |
| New Jersey EDA, RB, School Facilities Construction (AGC) (a): | | |
| 6.00%, 12/15/18 | \$ 3,550 | \$ 3,872,210 |
| 6.00%, 12/15/18 | 50 | 54,795 |
| New Jersey EDA, Refunding RB, Series NN, School Facilities Construction, 5.00%, 3/01/29 (e) | | |
| | 5,230 | 5,322,800 |
| | | 15,876,334 |
| Transportation 15.8% | | |
| New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (e) | | |
| | 8,820 | 9,756,331 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System: | | |
| Series A (AMBAC), 5.00%, 12/15/32 | 4,100 | 4,202,172 |
| Series B, 5.25%, 6/15/36 (e) | 5,001 | 5,080,766 |
| Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT, 5.00%, 10/15/41 | | |
| | 11,257 | 12,033,195 |
| Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.25%, 11/01/35 | | |
| | 3,764 | 3,920,037 |

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| | | |
|--|---------------|----------------|
| | | 34,992,501 |
| Total Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts 30.8% | | 68,448,489 |
| Total Long-Term Investments | | 359,893,702 |
| (Cost \$344,014,090) 161.9% | | |
| Short-Term Securities | Shares | |
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.50% (f)(g) | 2,989,928 | 2,990,228 |
| Total Short-Term Securities | | 2,990,228 |
| (Cost \$2,989,953) 1.4% | | 362,883,930 |
| Total Investments (Cost \$347,004,043) 163.3% | | 2,041,935 |
| Other Assets Less Liabilities 0.9% | | (40,706,200) |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (18.3)% | | (101,980,023) |
| VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (45.9)% | | |
| Net Assets Applicable to Common Shares 100.0% | | \$ 222,239,642 |

Notes to Schedule of Investments

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate as of period end.
- (b) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.
- (c) Zero-coupon bond.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details of municipal bonds transferred to TOB Trusts.
- (e) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire between June 15, 2019 to September 1, 2020, is \$14,350,925. See Note 4 of the Notes to Financial Statements for details.

See Notes to Financial Statements.

Schedule of Investments (continued)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

(f) During the six months ended January 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

| Affiliate | Shares Held at July 31, 2016 | Net Activity | Shares Held at January 31, 2017 | Value at January 31, 2017 | Income | Net Realized Gain ¹ | Change in Unrealized Appreciation |
|--|------------------------------------|-----------------|---------------------------------------|---------------------------------|----------|--------------------------------------|---|
| BlackRock Liquidity Funds, MuniCash, Institutional Class | 4,170,614 | (1,180,686) | 2,989,928 | \$ 2,990,228 | \$ 4,892 | \$ 1,123 | \$ 275 |

¹ Includes net capital gain distributions.

(g) Current yield as of period end.

For Fund compliance purposes, the Fund's sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

| Contracts | Issue | Expiration | Notional Value | Unrealized Depreciation |
|--------------|----------------------------|------------|-------------------|----------------------------|
| Short | | | | |
| (33) | 5-Year U.S. Treasury Note | March 2017 | \$ 3,889,617 | \$ (10,491) |
| (132) | 10-Year U.S. Treasury Note | March 2017 | \$ 16,429,875 | (40,157) |
| (76) | Long U.S. Treasury Bond | March 2017 | \$ 11,464,125 | (17,250) |
| (8) | Ultra U.S. Treasury Bond | March 2017 | \$ 1,285,500 | (7,133) |
| Total | | | | \$ (75,031) |

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

| Liabilities | Derivative Financial Instruments | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|-------------------|--|------------------------|---------------------|---------------------|--|-------------------------------|--------------------|-----------|
| Futures contracts | Net unrealized depreciation ¹ | | | | | \$ 75,031 | | \$ 75,031 |

¹ Includes cumulative depreciation on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities.

For the six months ended January 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

| Net Realized Gain (Loss) from: | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign Currency Exchange Contracts | Interest Rate Contracts | Other Contracts | Total |
|--------------------------------|------------------------|---------------------|---------------------|--|-------------------------------|--------------------|-------|
| | | | | | | | |

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| | | |
|---|--------------|--------------|
| Futures contracts | \$ 1,021,766 | \$ 1,021,766 |
| Net Change in Unrealized Appreciation (Depreciation) on: | | |
| Futures contracts | \$ 104,462 | \$ 104,462 |

Average Quarterly Balances of Outstanding Derivative Financial Instruments

| | | |
|--|-------|---------------|
| Futures contracts: | | |
| Average notional value of contracts | short | \$ 22,216,207 |
| For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements. | | |

See Notes to Financial Statements.

Schedule of Investments (concluded)

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 359,893,702 | | \$ 359,893,702 |
| Short-Term Securities | \$ 2,990,228 | | | 2,990,228 |
| Total | \$ 2,990,228 | \$ 359,893,702 | | \$ 362,883,930 |

Derivative Financial Instruments²**Liabilities:**

| | | | | |
|-------------------------|-------------|--|--|-------------|
| Interest rate contracts | \$ (75,031) | | | \$ (75,031) |
|-------------------------|-------------|--|--|-------------|

¹ See above Schedule of Investments for values in each sector.

² Derivative financial instruments are futures contracts. Futures contracts are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|----------------------------------|---------|------------------|---------|------------------|
| Liabilities: | | | | |
| TOB Trust Certificates | | \$ (40,642,302) | | \$ (40,642,302) |
| VRDP Shares at Liquidation Value | | (102,200,000) | | (102,200,000) |
| Total | | \$ (142,842,302) | | \$ (142,842,302) |

During the six months ended January 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

Statements of Assets and Liabilities

| | BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE) | BlackRock MuniYield Arizona Fund, Inc. (MZA) | BlackRock MuniYield California Fund, Inc. (MYC) | BlackRock MuniYield Investment Fund (MYF) | BlackRock MuniYield New Jersey Fund, Inc. (MYJ) |
|--|---|---|--|--|--|
| January 31, 2017 (Unaudited) | | | | | |
| Assets | | | | | |
| Investments at value unaffiliated | \$ 100,209,064 | \$ 105,118,769 | \$ 562,656,493 | \$ 341,039,367 | \$ 359,893,702 |
| Investments at value affiliated | 621,718 | 492,298 | 518,710 | 1,019,165 | 2,990,228 |
| Cash pledged for futures contracts | 143,450 | 149,000 | 728,500 | 241,550 | 600,150 |
| Receivables: | | | | | |
| Interest unaffiliated | 1,019,591 | 743,227 | 7,368,091 | 4,034,627 | 2,999,684 |
| Dividends affiliated | 1,156 | 209 | 443 | 364 | 1,529 |
| Investments sold | | 753,590 | 9,796,971 | 40,000 | |
| TOB Trust | | | | 1,009,410 | |
| Prepaid expenses | 3,176 | 5,345 | 25,970 | 22,017 | 9,967 |
| Total assets | 101,998,155 | 107,262,438 | 581,095,178 | 347,406,500 | 366,495,260 |
| Accrued Liabilities | | | | | |
| Bank overdraft | 36,955 | 45,037 | 171,761 | 72,144 | 121,056 |
| Payables: | | | | | |
| Income dividends Common Shares | 209,650 | 286,332 | 1,501,966 | 1,065,680 | 1,075,450 |
| Other accrued expenses | 72,341 | 70,440 | 155,238 | 120,549 | 127,042 |
| Investment advisory fees | 47,389 | 45,234 | 239,471 | 145,273 | 155,048 |
| Variation margin on futures contracts | 21,430 | 21,750 | 106,594 | 35,781 | 88,742 |
| Interest expense and fees | 17,186 | 1,810 | 284,534 | 156,826 | 63,898 |
| Officers and Directors fees | 87 | 581 | 3,214 | 1,948 | 2,057 |
| Investments purchased | | 498,405 | 15,662,482 | 3,095,180 | |
| Total accrued liabilities | 405,038 | 969,589 | 18,125,260 | 4,693,381 | 1,633,293 |
| Other Liabilities | | | | | |
| TOB Trust Certificates | 8,939,171 | 3,000,000 | 131,100,632 | 80,899,953 | 40,642,302 |
| VRDP Shares at liquidation value of \$100,000 per share, net of deferred offering costs ^{3,4} | 29,451,639 | 37,142,366 | 105,685,519 | 59,223,187 | 101,980,023 |
| Total other liabilities | 38,390,810 | 40,142,366 | 236,786,151 | 140,123,140 | 142,622,325 |
| Total liabilities | 38,795,848 | 41,111,955 | 254,911,411 | 144,816,521 | 144,255,618 |
| Net Assets Applicable to Common Shareholders | \$ 63,202,307 | \$ 66,150,483 | \$ 326,183,767 | \$ 202,589,979 | \$ 222,239,642 |
| Net Assets Applicable to Common Shareholders Consist of | | | | | |
| Paid-in capital ^{5,6} | \$ 59,574,221 | \$ 61,326,479 | \$ 303,182,151 | \$ 190,324,030 | \$ 206,469,596 |
| Undistributed net investment income | 337,604 | 409,635 | 1,801,848 | 2,725,932 | 3,836,693 |
| Undistributed net realized gain (accumulated net realized loss) | (485,938) | (868,153) | 1,561,716 | (14,556,019) | (3,871,503) |
| Net unrealized appreciation (depreciation) | 3,776,420 | 5,282,522 | 19,638,052 | 24,096,036 | 15,804,856 |
| Net Assets Applicable to Common Shareholders | \$ 63,202,307 | \$ 66,150,483 | \$ 326,183,767 | \$ 202,589,979 | \$ 222,239,642 |
| Net asset value per Common Share | \$ 15.01 | \$ 14.32 | \$ 15.24 | \$ 14.83 | \$ 15.50 |
| ¹ Investments at cost unaffiliated | \$ 96,412,470 | \$ 99,840,064 | \$ 542,979,423 | \$ 316,871,906 | \$ 344,014,090 |
| ² Investments at cost affiliated | \$ 621,655 | \$ 492,255 | \$ 518,696 | \$ 1,019,165 | \$ 2,989,953 |
| ³ Preferred Shares outstanding, par value \$0.10 per share | 296 | 373 | 1,059 | | 1,022 |

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| | | | | | |
|---|-------------|-------------|-------------|------------|-------------|
| ⁴ Preferred Shares outstanding, par value \$0.05 per share | | | | 594 | |
| ⁵ Preferred Shares Authorized, including Auction Market Rate Preferred Shares (AMPS) | 1,536 | 1,985 | 8,059 | 1,000,000 | 5,782 |
| ⁶ Common Shares outstanding, par value \$0.10 per share | 4,209,844 | 4,618,317 | 21,407,934 | 13,662,574 | 14,339,465 |
| ⁷ Common Shares authorized | 199,998,464 | 199,998,015 | 199,991,941 | unlimited | 199,994,218 |

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

JANUARY 31, 2017

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Statements of Operations

| Six Months Ended January 31, 2017 (Unaudited) | BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE) | BlackRock MuniYield Arizona Fund, Inc. (MZA) | BlackRock MuniYield California Fund, Inc. (MYC) | BlackRock MuniYield Investment Fund (MYF) | BlackRock MuniYield New Jersey Fund, Inc. (MYJ) |
|--|---|--|---|---|---|
| Investment Income | | | | | |
| Interest unaffiliated | \$ 1,883,204 | \$ 2,358,056 | \$ 11,645,431 | \$ 7,977,348 | \$ 8,094,116 |
| Dividends affiliated | 4,408 | 1,362 | 2,696 | 1,007 | 4,892 |
| Total investment income | 1,887,612 | 2,359,418 | 11,648,127 | 7,978,355 | 8,099,008 |
| Expenses | | | | | |
| Investment advisory | 289,476 | 273,882 | 1,497,123 | 877,892 | 945,335 |
| Professional | 25,948 | 24,854 | 49,274 | 37,942 | 37,755 |
| Accounting services | 8,651 | 9,385 | 33,706 | 22,597 | 26,095 |
| Transfer agent | 8,449 | 8,787 | 14,504 | 14,559 | 14,354 |
| Registration | 5,172 | 1,274 | 5,171 | 5,188 | 5,172 |
| Custodian | 3,845 | 3,827 | 13,217 | 8,082 | 9,747 |
| Printing | 3,654 | 3,655 | 5,515 | 4,638 | 4,764 |
| Officer and Directors | 2,731 | 3,328 | 17,275 | 10,309 | 11,431 |
| Liquidity fees | 417 | | | | |
| Remarketing fees on Preferred Shares | 3 | | | | |
| Rating agency | 18,994 | 19,171 | 19,236 | 19,196 | 19,234 |
| Miscellaneous | 11,813 | 9,735 | 15,774 | 17,713 | 15,379 |
| Total expenses excluding interest expense, fees and amortization of offering costs | 379,153 | 357,898 | 1,670,795 | 1,018,116 | 1,089,266 |
| Interest expense, fees and amortization of offering costs ¹ | 305,861 | 311,199 | 1,898,032 | 989,868 | 1,090,563 |
| Total expenses | 685,014 | 669,097 | 3,568,827 | 2,007,984 | 2,179,829 |
| Less fees waived by the Manager | (872) | (252) | (424) | (288) | (940) |
| Total expenses after fees waived | 684,142 | 668,845 | 3,568,403 | 2,007,696 | 2,178,889 |
| Net investment income | 1,203,470 | 1,690,573 | 8,079,724 | 5,970,659 | 5,920,119 |
| Realized and Unrealized Gain (Loss) | | | | | |
| Net realized gain (loss) from: | | | | | |
| Investments unaffiliated | 115,025 | 284,439 | 1,685,934 | 92,851 | 642,123 |
| Investments affiliated | 157 | (13) | 127 | 106 | 253 |
| Capital gain distributions from investment companies affiliated | 755 | 56 | 2,396 | 3 | 870 |
| Futures contracts | 266,297 | 305,267 | 858,474 | 645,650 | 1,021,766 |
| | 382,234 | 589,749 | 2,546,931 | 738,610 | 1,665,012 |
| Net change in unrealized appreciation (depreciation) on: | | | | | |
| Investments unaffiliated | (5,630,508) | (5,647,572) | (34,406,375) | (16,687,207) | (21,702,062) |
| Investments affiliated | 62 | 43 | 14 | | 275 |
| Futures contracts | 32,659 | 20,108 | 38,705 | (29,170) | 104,462 |
| | (5,597,787) | (5,627,421) | (34,367,656) | (16,716,377) | (21,597,325) |
| Net realized and unrealized loss | (5,215,553) | (5,037,672) | (31,820,725) | (15,977,767) | (19,932,313) |
| | \$ (4,012,083) | \$ (3,347,099) | \$ (23,741,001) | \$ (10,007,108) | \$ (14,012,194) |

**Net Decrease in Net Assets Applicable to Common Shareholders
Resulting from Operations**

¹ Related to TOB Trusts and/or VRDP Shares.

See Notes to Financial Statements.

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SEMI-ANNUAL REPORT

JANUARY 31, 2017

Statements of Changes in Net Assets

| | BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE) | | BlackRock MuniYield Arizona Fund, Inc. (MZA) | |
|---|--|--------------------------------|--|--------------------------------|
| | Six Months Ended January 31, 2017 (Unaudited) | Year Ended July 31, 2016 | Six Months Ended January 31, 2017 (Unaudited) | Year Ended July 31, 2016 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | | | |
| Operations | | | | |
| Net investment income | \$ 1,203,470 | \$ 2,683,905 | \$ 1,690,573 | \$ 3,564,426 |
| Net realized gain | 382,234 | 598,691 | 589,749 | 354,773 |
| Net change in unrealized appreciation (depreciation) | (5,597,787) | 3,499,200 | (5,627,421) | 3,079,072 |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | (4,012,083) | 6,781,796 | (3,347,099) | 6,998,271 |
| Distributions to Common Shareholders¹ | | | | |
| From net investment income | (1,270,455) | (2,786,917) | (1,717,250) | (3,773,605) |
| From net realized gain | (227,008) | | | |
| Decrease in net assets resulting from distributions to Common Shareholders | (1,497,463) | (2,786,917) | (1,717,250) | (3,773,605) |
| Capital Share Transactions | | | | |
| Reinvestment of common distributions | | | 81,770 | 200,695 |
| Net Assets Applicable to Common Shareholders | | | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | (5,509,546) | 3,994,879 | (4,982,579) | 3,425,361 |
| Beginning of period | 68,711,853 | 64,716,974 | 71,133,062 | 67,707,701 |
| End of period | \$ 63,202,307 | \$ 68,711,853 | \$ 66,150,483 | \$ 71,133,062 |
| Undistributed net investment income, end of period | \$ 337,604 | \$ 404,589 | \$ 409,635 | \$ 436,312 |

¹ Distributions for annual periods determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

Statements of Changes in Net Assets

| | BlackRock MuniYield California Fund, Inc. (MYC) | | BlackRock MuniYield Investment Fund (MYF) | |
|---|--|--------------------------------|--|--------------------------------|
| | Six Months Ended January 31, 2017 (Unaudited) | Year Ended July 31, 2016 | Six Months Ended January 31, 2017 (Unaudited) | Year Ended July 31, 2016 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | | | |
| Operations | | | | |
| Net investment income | \$ 8,079,724 | \$ 18,247,999 | \$ 5,970,659 | \$ 12,590,558 |
| Net realized gain | 2,546,931 | 6,109,081 | 738,610 | 30,376 |
| Net change in unrealized appreciation (depreciation) | (34,367,656) | 12,589,614 | (16,716,377) | 6,309,941 |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | (23,741,001) | 36,946,694 | (10,007,108) | 18,930,875 |
| Distributions to Common Shareholders¹ | | | | |
| From net investment income | (8,981,069) | (18,783,114) | (6,391,054) | (13,236,904) |
| From net realized gain | (6,483,030) | (2,830,415) | | |
| Decrease in net assets resulting from distributions to Common Shareholders | (15,464,099) | (21,613,529) | (6,391,054) | (13,236,904) |
| Capital Share Transactions | | | | |
| Reinvestment of common distributions | 794,434 | 412,727 | 247,682 | 355,675 |
| Net Assets Applicable to Common Shareholders | | | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | (38,410,666) | 15,745,892 | (16,150,480) | 6,049,646 |
| Beginning of period | 364,594,433 | 348,848,541 | 218,740,459 | 212,690,813 |
| End of period | \$ 326,183,767 | \$ 364,594,433 | \$ 202,589,979 | \$ 218,740,459 |
| Undistributed net investment income, end of period | \$ 1,801,848 | \$ 2,703,193 | \$ 2,725,932 | \$ 3,146,327 |

¹ Distributions for annual periods determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

Statements of Changes in Net Assets

BlackRock MuniYield New Jersey Fund, Inc. (MYJ)

| | Six Months Ended January 31, 2017 (Unaudited) | Year Ended July 31, 2016 |
|---|--|--------------------------------|
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | |
| Operations | | |
| Net investment income | \$ 5,920,119 | \$ 12,662,791 |
| Net realized gain (loss) | 1,665,012 | (375,274) |
| Net change in unrealized appreciation (depreciation) | (21,597,325) | 13,840,931 |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | (14,012,194) | 26,128,448 |
| Distributions to Common Shareholders¹ | | |
| From net investment income | (6,447,170) | (12,965,501) |
| Capital Share Transactions | | |
| Reinvestment of common distributions | 565,222 | 342,581 |
| Net Assets Applicable to Common Shareholders | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | (19,894,142) | 13,505,528 |
| Beginning of period | 242,133,784 | 228,628,256 |
| End of period | \$ 222,239,642 | \$ 242,133,784 |
| Undistributed net investment income, end of period | \$ 3,836,693 | \$ 4,363,744 |

¹ Distributions for annual periods determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

Statements of Cash Flows

| Six Months Ended January 31, 2017 (Unaudited) | BlackRock Muni New York Intermediate Duration Fund, Inc. (MNE) | BlackRock MuniYield Arizona Fund, Inc. (MZA) | BlackRock MuniYield California Fund, Inc. (MYC) | BlackRock MuniYield Investment Fund (MYF) | BlackRock MuniYield New Jersey Fund, Inc. (MYJ) |
|--|---|--|---|---|---|
| Cash Provided by (Used for) Operating Activities | | | | | |
| Net decrease in net assets resulting from operations | \$ (4,012,083) | \$ (3,347,099) | \$ (23,741,001) | \$ (10,007,108) | \$ (14,012,194) |
| Adjustments to reconcile net decrease in net assets resulting from operations to net cash provided by (used for) operating activities: | | | | | |
| Proceeds from sales of long-term investments and principal paydowns | 6,948,418 | 7,381,259 | 131,739,866 | 24,808,182 | 14,263,296 |
| Purchases of long-term investments | (7,044,203) | (8,205,647) | (117,336,141) | (26,841,756) | (17,082,935) |
| Net proceeds from sales (purchases) of short-term securities | (305,988) | 284,324 | (99,703) | (1,019,062) | 1,180,686 |
| Amortization of premium and accretion of discount on investments and other fees | 375,436 | 172,593 | 1,924,409 | 482,118 | 534,807 |
| Net realized gain on investments | (115,182) | (284,426) | (1,686,061) | (92,957) | (642,376) |
| Net unrealized loss on investments | 5,630,446 | 5,647,529 | 34,406,361 | 16,687,207 | 21,701,787 |
| (Increase) Decrease in Assets: | | | | | |
| Cash pledged for futures contracts | (73,000) | (107,000) | (529,000) | (125,000) | (382,000) |
| Receivables: | | | | | |
| Interest unaffiliated | 347 | 14,291 | 258,332 | 9,999 | (3,785) |
| Dividends affiliated | 66 | 174 | 411 | 346 | 784 |
| Prepaid expenses | 71,038 | 19,143 | 17,709 | 31,488 | 34,565 |
| Increase (Decrease) in Liabilities: | | | | | |
| Payables: | | | | | |
| Investment advisory fees | (2,657) | (1,982) | (19,685) | (4,593) | (8,003) |
| Interest expense and fees | 6,817 | 759 | 122,016 | 73,856 | 23,978 |
| Officers and Directors | (895) | (446) | (1,798) | (1,334) | (1,394) |
| Variation margin on futures contracts | (1,914) | 8,266 | 42,484 | (2,891) | 17,929 |
| Other accrued expenses | 3,770 | 5,121 | 21,245 | 16,266 | 22,178 |
| Net cash provided by (used for) operating activities | 1,480,416 | 1,586,859 | 25,119,444 | 4,014,761 | 5,647,323 |
| Cash Provided by (Used for) Financing Activities | | | | | |
| Proceeds from TOB Trust Certificates | | | 27,979,640 | 2,131,450 | |
| Repayments of TOB Trust Certificates | | | (38,612,548) | | |
| Proceeds from Loan for TOB Trust Certificates | | | 15,964,640 | | |
| Repayments of Loan for TOB Trust Certificates | | | (15,964,640) | | |
| Cash dividends paid to Common Shareholders | (1,497,463) | (1,635,158) | (14,662,741) | (6,142,125) | (5,879,376) |
| Increase (decrease) in bank overdraft | 36,955 | 45,037 | 171,761 | (7,744) | 121,056 |
| Amortization of deferred offering costs | (29,918) | 3,262 | 4,444 | 3,658 | 4,565 |
| Net cash provided by (used for) financing activities | (1,490,426) | (1,586,859) | (25,119,444) | (4,014,761) | (5,753,755) |
| Cash | | | | | |
| Net increase (decrease) in cash | (10,010) | | | | (106,432) |
| Cash at beginning of period | 10,010 | | | | 106,432 |
| Cash at end of period | | | | | |
| Supplemental Disclosure of Cash Flow Information | | | | | |
| Cash paid during the period for interest expense | \$ 299,044 | \$ 310,440 | \$ 1,776,016 | \$ 916,012 | \$ 1,066,585 |
| Non-cash Financing Activities | | | | | |
| Capital shares issued in reinvestment of dividends paid to Common Shareholders | | 81,770 | 794,434 | 247,682 | 565,222 |

See Notes to Financial Statements.

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JANUARY 31, 2017

Financial Highlights

BlackRock Muni New York Intermediate Duration Fund, Inc.
(MNE)

| | Six Months Ended January 31, 2017 (Unaudited) | | Year Ended July 31, | | | |
|--|--|------------|---------------------|------------|------------|--------------------|
| | 2016 | 2015 | 2014 | 2013 | 2012 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 16.32 | \$ 15.37 | \$ 15.34 | \$ 14.54 | \$ 15.97 | \$ 14.51 |
| Net investment income ¹ | 0.29 | 0.64 | 0.68 | 0.69 | 0.72 | 0.74 |
| Net realized and unrealized gain (loss) | (1.24) | 0.97 | 0.04 | 0.84 | (1.40) | 1.48 |
| Distributions to AMPS Shareholders from net investment income | | | | | | (0.02) |
| Net increase (decrease) from investment operations | (0.95) | 1.61 | 0.72 | 1.53 | (0.68) | 2.20 |
| Distributions to Common Shareholders: ² | | | | | | |
| From net investment income | (0.30) | (0.66) | (0.69) | (0.73) | (0.75) | (0.74) |
| From net realized gain | (0.06) | | | | | |
| Total distributions to Common Shareholders | (0.36) | (0.66) | (0.69) | (0.73) | (0.75) | (0.74) |
| Net asset value, end of period | \$ 15.01 | \$ 16.32 | \$ 15.37 | \$ 15.34 | \$ 14.54 | \$ 15.97 |
| Market price, end of period | \$ 13.61 | \$ 15.75 | \$ 14.07 | \$ 13.64 | \$ 13.06 | \$ 15.80 |
| Total Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | (5.71)% ⁴ | 10.97% | 5.23% | 11.40% | (4.38)% | 15.73% |
| Based on market price | (11.41)% ⁴ | 16.99% | 8.34% | 10.27% | (13.18)% | 28.00% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 2.06% ⁵ | 1.75% | 1.74% | 1.80% | 1.79% | 1.82% ⁶ |
| Total expenses after fees waived and/or paid indirectly | 2.06% ⁵ | 1.75% | 1.74% | 1.80% | 1.78% | 1.81% ⁶ |
| Total expenses after fees waived and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ^{7,8} | 1.14% ⁵ | 1.26% | 1.59% | 1.63% | 1.57% | 1.57% ⁶ |
| Net investment income | 3.62% ⁵ | 4.03% | 4.38% | 4.66% | 4.59% | 4.86% ⁶ |
| Distributions to AMPS Shareholders | | | | | | 0.11% |
| Net investment income to Common Shareholders | 3.62% ⁵ | 4.03% | 4.38% | 4.66% | 4.59% | 4.75% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 63,202 | \$ 68,712 | \$ 64,717 | \$ 64,566 | \$ 61,214 | \$ 67,159 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 29,600 | \$ 29,600 | \$ 29,600 | \$ 29,600 | \$ 29,600 | \$ 29,600 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ 313,521 | \$ 332,135 | \$ 318,638 | \$ 318,130 | \$ 306,806 | \$ 326,888 |
| Borrowings outstanding, end of period (000) | \$ 8,939 | \$ 8,939 | \$ 6,419 | \$ 5,759 | \$ 5,538 | \$ 6,208 |

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| | | | | | | |
|-------------------------|----|-----|-----|-----|-----|-----|
| Portfolio turnover rate | 7% | 21% | 15% | 21% | 21% | 27% |
|-------------------------|----|-----|-----|-----|-----|-----|

- ¹ Based on average Common Shares outstanding.
- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Does not reflect the effect of distributions to AMPS Shareholders.
- ⁷ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁸ For the six months ended January 31, 2017, and for the years ended July 31, 2016, July 31, 2015, July 31, 2014, July 31, 2013 and July 31, 2012 the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.14%, 1.16%, 1.14%, 1.14%, 1.13%, and 1.18%, respectively.

See Notes to Financial Statements.

SEMI-ANNUAL REPORT

JANUARY 31, 2017

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Financial Highlights

BlackRock MuniYield Arizona Fund, Inc.
(MZA)

| | Six Months Ended January 31, 2017 (Unaudited) | | Year Ended July 31, | | | |
|--|--|------------|---------------------|------------|------------|--------------------|
| | 2016 | 2015 | 2014 | 2013 | 2012 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 15.42 | \$ 14.72 | \$ 14.52 | \$ 13.57 | \$ 15.12 | \$ 13.38 |
| Net investment income ¹ | 0.37 | 0.77 | 0.80 | 0.81 | 0.83 | 0.80 |
| Net realized and unrealized gain (loss) | (1.10) | 0.75 | 0.23 | 0.97 | (1.55) | 1.77 |
| Net increase (decrease) from investment operations | (0.73) | 1.52 | 1.03 | 1.78 | (0.72) | 2.57 |
| Distributions to Common Shareholders from net investment income ² | (0.37) | (0.82) | (0.83) | (0.83) | (0.83) | (0.83) |
| Net asset value, end of period | \$ 14.32 | \$ 15.42 | \$ 14.72 | \$ 14.52 | \$ 13.57 | \$ 15.12 |
| Market price, end of period | \$ 14.90 | \$ 17.68 | \$ 16.90 | \$ 15.00 | \$ 13.33 | \$ 15.61 |
| Total Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | (4.81)% ⁴ | 10.11% | 6.97% | 13.63% | (5.08)% | 19.86% |
| Based on market price | (13.61)% ⁴ | 9.96% | 18.88% | 19.50% | (9.69)% | 29.05% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.94% ⁵ | 1.64% | 1.63% | 1.69% | 1.66% | 1.96% |
| Total expenses after fees waived and/or paid indirectly | 1.94% ⁵ | 1.64% | 1.63% | 1.69% | 1.66% | 1.96% |
| Total expenses after fees waived and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁶ | 1.04% ⁵ | 1.02% | 1.05% | 1.06% | 1.03% | 1.58% ⁷ |
| Net investment income to Common Shareholders | 4.91% ⁵ | 5.15% | 5.41% | 5.85% | 5.53% | 5.62% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 66,150 | \$ 71,133 | \$ 67,708 | \$ 66,613 | \$ 62,167 | \$ 69,071 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 37,300 | \$ 37,300 | \$ 37,300 | \$ 37,300 | \$ 37,300 | \$ 37,300 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ 277,347 | \$ 290,705 | \$ 281,522 | \$ 278,586 | \$ 266,667 | \$ 285,177 |
| Borrowings outstanding, end of period (000) | \$ 3,000 | \$ 3,000 | \$ 3,330 | \$ 3,330 | \$ 3,330 | \$ 3,330 |
| Portfolio turnover rate | 8% | 13% | 16% | 13% | 16% | 26% |

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁷ For the year ended July 31, 2012, the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.14%.

See Notes to Financial Statements.

Financial Highlights

BlackRock MuniYield California Fund, Inc.
(MYC)

| | Six Months Ended January 31, 2017 (Unaudited) | | Year Ended July 31, | | | |
|--|--|------------|---------------------|------------|------------|--------------------|
| | 2016 | 2015 | 2014 | 2013 | 2012 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 17.07 | \$ 16.35 | \$ 16.38 | \$ 14.96 | \$ 16.97 | \$ 14.38 |
| Net investment income ¹ | 0.38 | 0.86 | 0.87 | 0.91 | 0.91 | 0.94 |
| Net realized and unrealized gain (loss) | (1.49) | 0.87 | | 1.46 | (1.97) | 2.60 |
| Net increase (decrease) from investment operations | (1.11) | 1.73 | 0.87 | 2.37 | (1.06) | 3.54 |
| Distributions to Common Shareholders: ² | | | | | | |
| From net investment income | (0.42) | (0.88) | (0.90) | (0.95) | (0.95) | (0.95) |
| From net realized gain | (0.30) | (0.13) | | | | |
| Total distributions to Common Shareholders | (0.72) | (1.01) | (0.90) | (0.95) | (0.95) | (0.95) |
| Net asset value, end of period | \$ 15.24 | \$ 17.07 | \$ 16.35 | \$ 16.38 | \$ 14.96 | \$ 16.97 |
| Market price, end of period | \$ 15.96 | \$ 17.43 | \$ 15.47 | \$ 14.87 | \$ 13.94 | \$ 17.31 |
| Total Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | (6.52)% ⁴ | 11.07% | 5.75% | 16.87% | (6.61)% | 25.45% |
| Based on market price | (4.12)% ⁴ | 19.86% | 10.21% | 13.86% | (14.68)% | 38.46% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 2.05% ⁵ | 1.55% | 1.37% | 1.43% | 1.46% | 1.64% |
| Total expenses after fees waived and/or paid indirectly | 2.05% ⁵ | 1.55% | 1.37% | 1.42% | 1.45% | 1.64% |
| Total expenses after fees waived and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁶ | 0.96% ⁵ | 0.92% | 0.89% | 0.92% | 0.92% | 1.21% ⁷ |
| Net investment income to Common Shareholders | 4.65% ⁵ | 5.15% | 5.29% | 5.88% | 5.39% | 5.96% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 326,184 | \$ 364,594 | \$ 348,849 | \$ 349,484 | \$ 319,144 | \$ 361,341 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 105,900 | \$ 105,900 | \$ 105,900 | \$ 105,900 | \$ 105,900 | \$ 105,900 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ 408,011 | \$ 444,282 | \$ 429,413 | \$ 430,013 | \$ 401,364 | \$ 441,209 |
| Borrowings outstanding, end of period (000) | \$ 131,101 | \$ 141,734 | \$ 119,196 | \$ 83,283 | \$ 116,775 | \$ 116,856 |
| Portfolio turnover rate | 23% | 27% | 32% | 23% | 27% | 48% |

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁷ For the year ended July 31, 2012, the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.97%.

See Notes to Financial Statements.

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Financial Highlights

BlackRock MuniYield Investment Fund
(MYF)

| | Six Months Ended January 31, 2017 (Unaudited) | 2016 | 2015 | 2014 | 2013 | 2012 |
|--|--|------------|------------|------------|------------|--------------------|
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 16.03 | \$ 15.61 | \$ 15.56 | \$ 14.26 | \$ 16.30 | \$ 13.71 |
| Net investment income ¹ | 0.44 | 0.92 | 0.95 | 0.96 | 0.94 | 0.93 |
| Net realized and unrealized gain (loss) | (1.17) | 0.47 | 0.07 | 1.29 | (2.03) | 2.60 |
| Net increase (decrease) from investment operations | (0.73) | 1.39 | 1.02 | 2.25 | (1.09) | 3.53 |
| Distributions to Common Shareholders from net investment income ² | (0.47) | (0.97) | (0.97) | (0.95) | (0.95) | (0.94) |
| Net asset value, end of period | \$ 14.83 | \$ 16.03 | \$ 15.61 | \$ 15.56 | \$ 14.26 | \$ 16.30 |
| Market price, end of period | \$ 15.26 | \$ 17.02 | \$ 14.67 | \$ 14.56 | \$ 13.55 | \$ 16.52 |
| Total Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | (4.62)% ⁴ | 9.24% | 6.88% | 16.75% | (7.14)% | 26.55% |
| Based on market price | (7.56)% ⁴ | 23.41% | 7.34% | 14.98% | (12.94)% | 34.44% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.90% ⁵ | 1.53% | 1.46% | 1.52% | 1.55% | 1.66% |
| Total expenses after fees waived and/or paid indirectly | 1.90% ⁵ | 1.53% | 1.46% | 1.52% | 1.55% | 1.66% |
| Total expenses after fees waived and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁶ | 0.96% ⁵ | 0.94% | 0.94% | 0.97% | 0.97% | 1.22% ⁷ |
| Net investment income to Common Shareholders | 5.64% ⁵ | 5.86% | 6.00% | 6.56% | 5.82% | 6.19% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 202,590 | \$ 218,740 | \$ 212,691 | \$ 211,966 | \$ 194,317 | \$ 221,778 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 59,400 | \$ 59,400 | \$ 59,400 | \$ 59,400 | \$ 59,400 | \$ 59,400 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ 441,061 | \$ 468,250 | \$ 458,065 | \$ 456,845 | \$ 427,133 | \$ 473,363 |
| Borrowings outstanding, end of period (000) | \$ 80,900 | \$ 77,759 | \$ 75,764 | \$ 75,865 | \$ 85,029 | \$ 86,374 |
| Portfolio turnover rate | 7% | 11% | 13% | 18% | 33% | 34% |

¹ Based on average Common Shares outstanding.

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- ² Distributions for annual periods determined in accordance with federal income tax regulations.
- ³ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁴ Aggregate total return.
- ⁵ Annualized.
- ⁶ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁷ For the year ended July 31, 2012, the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.99%.

See Notes to Financial Statements.

Financial Highlights

BlackRock MuniYield New Jersey Fund, Inc.
(MYJ)

| | Six Months Ended January 31, 2017 (Unaudited) | | Year Ended July 31, | | | | |
|--|--|------------|---------------------|------------|---------------------|--------------------|--|
| | 2016 | 2015 | 2014 | 2013 | 2012 | | |
| Per Share Operating Performance | | | | | | | |
| Net asset value, beginning of period | \$ 16.93 | \$ 16.01 | \$ 16.11 | \$ 14.92 | \$ 16.92 | \$ 14.84 | |
| Net investment income ¹ | 0.41 | 0.89 | 0.90 | 0.90 | 0.89 | 0.86 | |
| Net realized and unrealized gain (loss) | (1.39) | 0.94 | (0.10) | 1.21 | (1.94) | 2.11 | |
| Distributions to VRDP Shareholders from net realized gain | | | | | (0.00) ² | | |
| Net increase (decrease) from investment operations | (0.98) | 1.83 | 0.80 | 2.11 | (1.05) | 2.97 | |
| Distributions to Common Shareholders: ² | | | | | | | |
| From net investment income | (0.45) | (0.91) | (0.90) | (0.89) | (0.89) | (0.89) | |
| From net realized gain | | | | (0.03) | (0.06) | | |
| Total distributions to Common Shareholders | (0.45) | (0.91) | (0.90) | (0.92) | (0.95) | (0.89) | |
| Net asset value, end of period | \$ 15.50 | \$ 16.93 | \$ 16.01 | \$ 16.11 | \$ 14.92 | \$ 16.92 | |
| Market price, end of period | \$ 15.56 | \$ 17.49 | \$ 14.72 | \$ 14.67 | \$ 13.74 | \$ 17.07 | |
| Total Return Applicable to Common Shareholders⁴ | | | | | | | |
| Based on net asset value | (5.85)% ⁵ | 11.95% | 5.52% | 15.27% | (6.51)% | 20.72% | |
| Based on market price | (8.51)% ⁵ | 25.78% | 6.54% | 13.99% | (14.66)% | 33.59% | |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | | |
| Total expenses | 1.86% ⁶ | 1.55% | 1.50% | 1.57% | 1.48% | 1.61% | |
| Total expenses after fees waived and/or paid indirectly | 1.86% ⁶ | 1.55% | 1.50% | 1.57% | 1.48% | 1.60% | |
| Total expenses after fees waived and/or paid indirectly and excluding interest expense, fees and amortization of offering costs ⁷ | 0.93% ⁶ | 0.92% | 0.93% | 0.95% | 0.92% | 1.28% ⁸ | |
| Net investment income to Common Shareholders | 5.06% ⁶ | 5.43% | 5.51% | 5.89% | 5.32% | 5.41% | |
| Supplemental Data | | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 222,240 | \$ 242,134 | \$ 228,628 | \$ 230,112 | \$ 213,099 | \$ 240,759 | |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 102,200 | \$ 102,200 | \$ 102,200 | \$ 102,200 | \$ 102,200 | \$ 102,200 | |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ 317,456 | \$ 336,922 | \$ 323,707 | \$ 325,159 | \$ 308,511 | \$ 335,577 | |
| Borrowings outstanding, end of period (000) | \$ 40,642 | \$ 40,642 | \$ 39,554 | \$ 39,554 | \$ 39,555 | \$ 26,813 | |
| Portfolio turnover rate | 4% | 10% | 11% | 19% | 7% | 23% | |

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- ¹ Based on average Common Shares outstanding.
- ² Amount is greater than \$(0.005) per share.
- ³ Distributions for annual periods determined in accordance with federal income tax regulations.
- ⁴ Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions.
- ⁵ Aggregate total return.
- ⁶ Annualized.
- ⁷ Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.
- ⁸ For the year ended July 31, 2012, the total expense ratio after fees waived and/or paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.93%.

See Notes to Financial Statements.

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Notes to Financial Statements (Unaudited)

1. Organization:

The following are registered under the Investment Company Act of 1940, as amended (the 1940 Act), as closed-end management investment companies and are referred to herein collectively as the Funds, or individually, a Fund:

| Fund Name | Herein Referred to As | Organized | Diversification Classification |
|--|-----------------------|---------------|--------------------------------|
| BlackRock Muni New York Intermediate Duration Fund, Inc. | MNE | Maryland | Non-diversified |
| BlackRock MuniYield Arizona Fund, Inc. | MZA | Maryland | Non-diversified |
| BlackRock MuniYield California Fund, Inc. | MYC | Maryland | Non-diversified |
| BlackRock MuniYield Investment Fund | MYF | Massachusetts | Non-diversified |
| BlackRock MuniYield New Jersey Fund, Inc. | MYJ | Maryland | Non-diversified |

The Boards of Directors of the Funds are collectively referred to throughout this report as the Board of Directors or the Board, and the directors thereof are collectively referred to throughout this report as Directors. The Funds determine and make available for publication the NAVs of their Common Shares on a daily basis.

The Funds, together with certain other registered investment companies advised by BlackRock Advisors, LLC (the Manager) or its affiliates, are included in a complex of closed-end funds referred to as the Closed-End Complex.

2. Significant Accounting Policies:

The financial statements are prepared in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP), which may require management to make estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements, disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates. Each Fund is considered an investment company under U.S. GAAP and follows the accounting and reporting guidance applicable to investment companies. Below is a summary of significant accounting policies:

Segregation and Collateralization: In cases where a Fund enters into certain investments (e.g., futures contracts) or certain borrowings (e.g., TOB Trust transactions) that would be treated as senior securities for 1940 Act purposes, a Fund may segregate or designate on its books and records cash or liquid assets having a market value at least equal to the amount of its future obligations under such investments or borrowings. Doing so allows the investment or borrowing to be excluded from treatment as a senior security. Furthermore, if required by an exchange or counterparty agreement, the Funds may be required to deliver/deposit cash and/or securities to/with an exchange, or broker-dealer or custodian as collateral for certain investments or obligations.

Investment Transactions and Investment Income: For financial reporting purposes, investment transactions are recorded on the dates the transactions are entered into (the trade dates). Realized gains and losses on investment transactions are determined on the identified cost basis. Interest income, including amortization and accretion of premiums and discounts on debt securities, is recognized on the accrual basis.

Distributions: Distributions from net investment income are declared monthly and paid monthly. Distributions of capital gains are recorded on the ex-dividend date and made at least annually. The character and timing of distributions are determined in accordance with federal income tax regulations, which may differ from U.S. GAAP. Distributions to Preferred Shareholders are accrued and determined as described in Note 10.

Deferred Compensation Plan: Under the Deferred Compensation Plan (the Plan) approved by each Fund's Board, the independent Directors (Independent Directors) may defer a portion of their annual complex-wide compensation. Deferred amounts earn an approximate return as though equivalent dollar amounts had been invested in common shares of certain other BlackRock Closed-End Funds selected by the Independent Directors. This has the same economic effect for the Independent Directors as if the Independent Directors had invested the deferred amounts directly in certain other BlackRock Closed-End Funds.

The Plan is not funded and obligations thereunder represent general unsecured claims against the general assets of each Fund, if applicable. Deferred compensation liabilities are included in officer's and directors' fees payable in the Statements of Assets and Liabilities and will remain as a liability of the Funds until such amounts are distributed in accordance with the Plan.

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Recent Accounting Standard: In November 2016, the Financial Accounting Standards Board issued Accounting Standards Update Restricted Cash which will require entities to include the total of cash, cash equivalents, restricted cash, and restricted cash equivalents in the beginning and ending cash balances in the Statements of Cash Flows. The guidance will be applied retrospectively and is effective for fiscal years beginning after December 15, 2017, and interim periods within those years. Management is evaluating the impact, if any, of this guidance on the Funds presentation in the Statements of Cash Flows.

Indemnifications: In the normal course of business, a Fund enters into contracts that contain a variety of representations that provide general indemnification. A Fund's maximum exposure under these arrangements is unknown because it involves future potential claims against a Fund, which cannot be predicted with any certainty.

Notes to Financial Statements (continued)

Other: Expenses directly related to a Fund are charged to that Fund. Other operating expenses shared by several funds, including other funds managed by the Manager, are prorated among those funds on the basis of relative net assets or other appropriate methods.

Through May 31, 2016, the Funds had an arrangement with their custodian whereby credits were earned on uninvested cash balances, which could be used to reduce custody fees and/or overdraft charges. Credits previously earned have been utilized until December 31, 2016. Under current arrangements effective June 1, 2016, the Funds no longer earn credits on uninvested cash, and may incur charges on uninvested cash balances and overdrafts, subject to certain conditions.

3. Investment Valuation and Fair Value Measurements:

Investment Valuation Policies: The Funds' investments are valued at fair value (also referred to as "market value" within the financial statements) as of the close of trading on the New York Stock Exchange ("NYSE") (generally 4:00 p.m., Eastern time). U.S. GAAP defines fair value as the price the Funds would receive to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date. The Funds determine the fair values of their financial instruments using various independent dealers or pricing services under policies approved by the Board. The BlackRock Global Valuation Methodologies Committee (the "Global Valuation Committee") is the committee formed by management to develop global pricing policies and procedures and to oversee the pricing function for all financial instruments.

Fair Value Inputs and Methodologies: The following methods and inputs are used to establish the fair value of each Fund's assets and liabilities:

Municipal investments (including commitments to purchase such investments on a "when-issued" basis) are valued on the basis of prices provided by dealers or pricing services. In determining the value of a particular investment, pricing services may use certain information with respect to transactions in such investments, quotations from dealers, pricing matrixes, market transactions in comparable investments and information with respect to various relationships between investments.

Investments in open-end U.S. mutual funds are valued at NAV each business day.

Futures contracts traded on exchanges are valued at their last sale price.

If events (e.g., a company announcement, market volatility or a natural disaster) occur that are expected to materially affect the value of such investments, or in the event that the application of these methods of valuation results in a price for an investment that is deemed not to be representative of the market value of such investment, or if a price is not available, the investment will be valued by the Global Valuation Committee, or its delegate, in accordance with a policy approved by the Board as reflecting fair value ("Fair Valued Investments"). The fair valuation approaches that may be used by the Global Valuation Committee will include Market approach, Income approach and Cost approach. Valuation techniques such as discounted cash flow, use of market comparables and matrix pricing are types of valuation approaches and typically used in determining fair value. When determining the price for Fair Valued Investments, the Global Valuation Committee, or its delegate, seeks to determine the price that each Fund might reasonably expect to receive or pay from the current sale or purchase of that asset or liability in an arm's-length transaction. Fair value determinations shall be based upon all available factors that the Global Valuation Committee, or its delegate, deems relevant and consistent with the principles of fair value measurement. The pricing of all Fair Valued Investments is subsequently reported to the Board or a committee thereof on a quarterly basis.

Fair Value Hierarchy: Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 unadjusted price quotations in active markets/exchanges for identical assets or liabilities that each Fund has the ability to access

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Level 2 other observable inputs (including, but not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs)

Level 3 unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available (including each Fund's own assumptions used in determining the fair value of investments and derivative financial instruments)

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. Investments classified within Level 3 have significant unobservable inputs used by the Global Valuation Committee in determining the price for Fair Valued Investments. Level 3 investments include equity or debt issued by private companies. There may not be a secondary market, and/or there are a limited number of investors. Level 3 investments may also be adjusted to reflect illiquidity and/or non-transferability, with the amount of such discount estimated by the Global Valuation Committee in the absence of market information.

Notes to Financial Statements (continued)

Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with each Fund's policy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities.

4. Securities and Other Investments:

Zero-Coupon Bonds: Zero-coupon bonds are normally issued at a significant discount from face value and do not provide for periodic interest payments. These bonds may experience greater volatility in market value than other debt obligations of similar maturity which provide for regular interest payments.

Forward Commitments and When-Issued Delayed Delivery Securities: Certain Funds may purchase securities on a when-issued basis and may purchase or sell securities on a forward commitment basis. Settlement of such transactions normally occurs within a month or more after the purchase or sale commitment is made. A Fund may purchase securities under such conditions with the intention of actually acquiring them, but may enter into a separate agreement to sell the securities before the settlement date. Since the value of securities purchased may fluctuate prior to settlement, a Fund may be required to pay more at settlement than the security is worth. In addition, a Fund is not entitled to any of the interest earned prior to settlement. When purchasing a security on a delayed delivery basis, a Fund assumes the rights and risks of ownership of the security, including the risk of price and yield fluctuations. In the event of default by the counterparty, a Fund's maximum amount of loss is the unrealized appreciation of unsettled when-issued transactions.

Municipal Bonds Transferred to TOB Trusts: Certain Funds leverage their assets through the use of TOB Trust transactions. The Funds transfer municipal bonds into a special purpose trust (a TOB Trust). A TOB Trust generally issues two classes of beneficial interests: short-term floating rate interests (TOB Trust Certificates), which are sold to third party investors, and residual inverse floating rate interests (TOB Residuals), which are generally issued to the participating funds that contributed the municipal bonds to the TOB Trust. The TOB Trust Certificates have interest rates that generally reset weekly and their holders have the option to tender such certificates to the TOB Trust for redemption at par and any accrued interest at each reset date. The TOB Residuals held by a Fund generally provide the Fund with the right to cause the holders of a proportional share of the TOB Trust Certificates to tender their certificates to the TOB Trust at par plus accrued interest. The Funds may withdraw a corresponding share of the municipal bonds from the TOB Trust. Other funds managed by the investment adviser may also contribute municipal bonds to a TOB Trust into which each Fund has contributed bonds. If multiple BlackRock advised funds participate in the same TOB Trust, the economic rights and obligations under the TOB Residuals will be shared among the funds ratably in proportion to their participation in the TOB Trust.

TOB Trusts are generally supported by a liquidity facility provided by a third party bank or other financial institution (the Liquidity Provider) that allows the holders of the TOB Trust Certificates to tender their certificates in exchange for payment of par plus accrued interest on any business day. The tendered TOB Trust Certificates may be purchased by the Liquidity Provider and are usually remarketed by a Remarketing Agent, which is typically an affiliated entity of the Liquidity Provider. The Remarketing Agent may also purchase the tendered TOB Trust Certificates for its own account in the event of a failed remarketing.

The TOB Trust may be collapsed without the consent of a Fund, upon the occurrence of tender option termination events (TOTEs) or mandatory termination events (MTEs), as defined in the TOB Trust agreements. TOTEs include the bankruptcy or default of the issuer of the municipal bonds held in the TOB Trust, a substantial downgrade in the credit quality of the issuer of the municipal bonds held in the TOB Trust, failure of any scheduled payment of principal or interest on the municipal bonds, and/or a judgment or ruling that interest on the municipal bond is subject to federal income taxation. MTEs may include, among other things, a failed remarketing of the TOB Trust Certificates, the inability of the TOB Trust to obtain renewal of the liquidity support agreement and a substantial decline in the market value of the municipal bonds held in the TOB Trust. Upon the occurrence of a TOTE or an MTE, the TOB Trust would be liquidated with the proceeds applied first to any accrued fees owed to the trustee of the TOB Trust, the Remarketing Agent and the Liquidity Provider. In the case of an MTE, after the payment of fees, the TOB Trust Certificates holders would be paid before the TOB Residuals holders (i.e., the Funds). In contrast, in the case of a TOTE, after payment of fees, the TOB Trust Certificates holders and the TOB Residuals holders would be paid pro rata in proportion to the respective face values of their certificates. During the six months ended January 31, 2017, no TOB Trusts in which a Fund participated were terminated without the consent of a Fund.

While a Fund's investment policies and restrictions expressly permit investments in inverse floating rate securities, such as TOB Residuals, they generally restrict the ability of a Fund to borrow money for purposes of making investments. The Funds' management believes that a Fund's restrictions on borrowings do not apply to the Funds' TOB Trust transactions. Each Fund's transfer of the municipal bonds to a TOB Trust is considered a secured borrowing for financial reporting purposes. The cash received by the TOB Trust from the sale of the TOB Trust

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Certificates, less certain transaction expenses, is paid to a Fund. A Fund typically invests the cash received in additional municipal bonds. The municipal bonds deposited into a TOB Trust are presented in a Fund's Schedule of Investments and the TOB Trust Certificates are shown in Other Liabilities in the Statements of Assets and Liabilities. Any loans drawn by the TOB Trust pursuant to the liquidity facility to purchase tendered TOB Trust Certificates would be shown as Loan for TOB Trust Certificates.

Notes to Financial Statements (continued)

Volcker Rule Impact: On December 10, 2013, regulators published final rules implementing section 619 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Volcker Rule), which precludes banking entities and their affiliates from sponsoring and investing in TOB Trusts. Banking entities subject to the Volcker Rule were required to fully comply by July 21, 2015, with respect to investments in and relationships with TOB Trusts established after December 31, 2013 (Non-Legacy TOB Trusts), and by July 21, 2017, with respect to investments in and relationships with TOB Trusts established prior to December 31, 2013 (Legacy TOB Trusts).

As a result, a new structure for TOB Trusts has been designed in which no banking entity would sponsor the TOB Trust. Specifically, a Fund establishes, structures and sponsors the TOB Trusts in which it holds TOB Residuals. In such a structure, certain responsibilities that previously belonged to a third party bank are performed by, or on behalf of, the Funds. The Funds have restructured any Non-Legacy TOB Trusts and are in the process of restructuring Legacy TOB Trusts in conformity with regulatory guidelines. Until all restructurings are completed, a Fund may, for a period of time, hold TOB Residuals in both Legacy TOB Trusts and new or restructured non-bank sponsored TOB Trusts.

Under the new TOB Trust structure, the Liquidity Provider or Remarketing Agent will no longer purchase the tendered TOB Trust Certificates even in the event of failed remarketing. This may increase the likelihood that a TOB Trust will need to be collapsed and liquidated in order to purchase the tendered TOB Trust Certificates. The TOB Trust may draw upon a loan from the Liquidity Provider to purchase the tendered TOB Trust Certificates. Any loans made by the Liquidity Provider will be secured by the purchased TOB Trust Certificates held by the TOB Trust and will be subject to an increased interest rate based on the number of days the loan is outstanding.

Accounting for TOB Trusts: The municipal bonds deposited into a TOB Trust are presented in a Fund's Schedule of Investments and the TOB Trust Certificates are shown in Other Liabilities in the Statements of Assets and Liabilities. Any loans drawn by the TOB Trust pursuant to the liquidity facility to purchase tendered TOB Trust Certificates are shown as Loan for TOB Trust Certificates. The carrying amount of a Fund's payable to the holder of the TOB Trust Certificates, as reported in the Statements of Assets and Liabilities as TOB Trust Certificates, approximates its fair value.

Interest income, including amortization and accretion of premiums and discounts, from the underlying municipal bonds is recorded by a Fund on an accrual basis. Interest expense incurred on the TOB Trust transaction and other expenses related to remarketing, administration, trustee, liquidity and other services to a TOB Trust are shown as interest expense, fees and amortization of offering costs in the Statements of Operations. Fees paid upon creation of the TOB Trust are recorded as debt issuance costs and are amortized to interest expense, fees and amortization of offering costs in the Statements of Operations to the expected maturity of the TOB Trust. In connection with the restructurings of the TOB Trusts to non-bank sponsored TOB Trusts, a Fund incurred non-recurring, legal and restructuring fees, which are recorded as interest expense, fees and amortization of deferred offering costs in the Statements of Operations.

For the six months ended January 31, 2017, the following table is a summary of each Fund's TOB Trusts:

| | Underlying Municipal | | Range of | Average TOB | Daily |
|-----|-------------------------|---------------------------|-----------------|----------------|-------------|
| | Bonds | Liability for | Rates of | Trust | Weighted |
| | Transferred to | TOB Trust | Interest on | Certificates | Average |
| | TOB Trusts ¹ | Certificates ² | TOB Trusts | Outstanding | Rate of |
| | | | Certificates at | | Interest |
| | | | Period End | | and Other |
| | | | | | Expenses on |
| | | | | | TOB |
| | | | | | Trusts |
| MNE | \$ 17,323,324 | \$ 8,939,171 | 0.69% - 0.81% | \$ 8,939,171 | 1.31% |
| MZA | \$ 6,627,690 | \$ 3,000,000 | 0.69% - 0.69% | \$ 3,000,000 | 1.27% |
| MYC | \$ 286,872,740 | \$ 131,100,632 | 0.69% - 0.81% | \$ 141,625,563 | 1.30% |
| MYF | \$ 151,274,841 | \$ 80,899,953 | 0.67% - 1.26% | \$ 78,966,557 | 1.31% |
| MYJ | \$ 68,448,489 | \$ 40,642,302 | 0.69% - 0.93% | \$ 40,642,302 | 1.41% |

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- ¹ The municipal bonds transferred to a TOB Trust are generally high grade municipal bonds. In certain cases, when municipal bonds transferred are lower grade municipal bonds, the TOB transaction may include a credit enhancement feature that provides for the timely payment of principal and interest on the bonds to the TOB Trust by a credit enhancement provider in the event of default of the municipal bond. The TOB Trust would be responsible for the payment of the credit enhancement fee and the Funds, as TOB Residuals holders, would be responsible for reimbursement of any payments of principal and interest made by the credit enhancement provider. The maximum potential amounts owed by the Funds, for such reimbursements, as applicable, are included in the maximum potential amounts disclosed for recourse TOB Trusts.
- ² The Funds may invest in TOB Trusts that are structured on a non-recourse or recourse basis. When a Fund invests in TOB Trusts on a non-recourse basis, the Liquidity Provider may be required to make a payment under the liquidity facility. In such an event, the Liquidity Provider will typically either (i) fund the full amount owed under the liquidity facility and be subsequently reimbursed from only the proceeds of the liquidation of all or a portion of the municipal bonds held in the TOB Trust or the remarketing of the TOB Trust Certificates, or (ii) liquidate all or a portion of the municipal bonds held in the TOB Trust and then fund the balance, if any, of the amount owed under the liquidity facility over the liquidation proceeds (the Liquidation Shortfall). If a Fund invests in a TOB Trust on a recourse basis, a Fund will usually enter into a reimbursement agreement with the Liquidity Provider where a Fund is required to reimburse the Liquidity Provider the amount of any Liquidation Shortfall. As a result, if a Fund invests in a recourse TOB Trust, a Fund will bear the risk of loss with respect to any Liquidation Shortfall. If multiple funds participate in any such TOB Trust, these losses will be shared ratably, including the maximum potential amounts owed by a Fund at January 31, 2017, in proportion to their participation in the TOB Trust. The recourse TOB Trusts are identified in the Schedules of Investments including the maximum potential amounts owed by a Fund at January 31, 2017.

Notes to Financial Statements (continued)

For the six months ended January 31, 2017, the following table is a summary of each Fund's Loan for TOB Trust Certificates:

| | Loan Outstanding at Period End | Range of Interest Rates on Loans at Period End | Average Loan Outstanding | Daily Weighted Average Rate of Interest and Other Expenses on Loans |
|-----|--------------------------------------|--|-----------------------------|---|
| MYC | | | \$ 1,708,496 | 0.84% |

5. Derivative Financial Instruments:

The Funds engage in various portfolio investment strategies using derivative contracts both to increase the returns of the Funds and/or to manage their exposure to certain risks such as credit risk, equity risk, interest rate risk, foreign currency exchange rate risk, commodity price risk or other risks (e.g., inflation risk). Derivative financial instruments categorized by risk exposure are included in the Schedules of Investments. These contracts may be transacted on an exchange or over-the-counter (OTC).

Futures Contracts: Certain Funds invest in long and/or short positions in futures and options on futures contracts to gain exposure to, or manage exposure to changes in interest rates (interest rate risk), changes in the value of equity securities (equity risk) or foreign currencies (foreign currency exchange rate risk).

Futures contracts are agreements between the Funds and a counterparty to buy or sell a specific quantity of an underlying instrument at a specified price and on a specified date. Depending on the terms of a contract, it is settled either through physical delivery of the underlying instrument on the settlement date or by payment of a cash amount on the settlement date. Upon entering into a futures contract, the Funds are required to deposit initial margin with the broker in the form of cash or securities in an amount that varies depending on a contract's size and risk profile. The initial margin deposit must then be maintained at an established level over the life of the contract.

Securities deposited as initial margin are designated in the Schedule of Investments and cash deposited, if any, is shown as cash pledged for futures contracts in the Statements of Assets and Liabilities. Pursuant to the contract, the Funds agree to receive from or pay to the broker an amount of cash equal to the daily fluctuation in market value of the contract (variation margin). Variation margin is recorded as unrealized appreciation (depreciation) and, if any, shown as variation margin receivable (or payable) on futures contracts in the Statements of Assets and Liabilities. When the contract is closed, a realized gain or loss is recorded in the Statements of Operations equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. The use of futures contracts involves the risk of an imperfect correlation in the movements in the price of futures contracts and interest, foreign currency exchange rates or underlying assets.

6. Investment Advisory Agreement and Other Transactions with Affiliates:

The PNC Financial Services Group, Inc. is the largest stockholder and an affiliate of BlackRock, Inc. (BlackRock) for 1940 Act purposes.

Investment Advisory: Each Fund entered into an Investment Advisory Agreement with the Manager, the Funds' investment adviser, an indirect, wholly-owned subsidiary of BlackRock, to provide investment advisory and administration services. The Manager is responsible for the management of each Fund's portfolio and provides the personnel, facilities, equipment and certain other services necessary to the operations of each Fund.

For such services, each fund pays the Manager a monthly fee at an annual rate equal to the following percentages of the average daily value of each Fund's net assets:

| | MNE | MZA | MYC | MYF | MYJ |
|--------------------------|-------|-------|-------|-------|-------|
| Investment advisory fees | 0.55% | 0.50% | 0.50% | 0.50% | 0.50% |

For purposes of calculating these fees, net assets mean the total assets of each Fund minus the sum of its accrued liabilities (which does not include liabilities represented by TOB Trusts and the liquidation preference of preferred shares). It is understood that the liquidation preference of any outstanding preferred stock (other than accumulated dividends) and TOB Trusts is not considered a liability in determining a Fund's NAV.

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Waivers: The Manager voluntarily agreed to waive its investment advisory fees by the amount of investment advisory fees each Fund pays to the Manager indirectly through its investment in affiliated money market funds (the affiliated money market fund waiver). These amounts are included in fees waived by the Manager in the Statements of Operations. For the six months ended January 31, 2017, the amounts waived were as follows:

| | MNE | MZA | MYC | MYF | MYJ |
|----------------|--------|--------|--------|--------|--------|
| Amounts waived | \$ 872 | \$ 252 | \$ 424 | \$ 288 | \$ 940 |

Effective September 1, 2016, the Manager voluntarily agreed to waive its investment advisory fee with respect to any portion of the Fund's assets invested in affiliated equity or fixed-income mutual funds or affiliated exchange-traded funds that have a contractual management fee. Prior to September 1, 2016, the Manager did not waive such fees. On December 2, 2016, the Manager entered into a Master Advisory Fee Agreement (Agreement), contractually committing to this arrangement through June 30, 2017. The Agreement can be renewed for annual periods thereafter, and may be terminated on 90 days' notice, each subject to approval by a majority of the Fund's independent directors.

Notes to Financial Statements (continued)

Officers and Directors: Certain officers and/or directors of the Funds are officers and/or directors of BlackRock or its affiliates. The Funds reimburse the Manager for a portion of the compensation paid to the Funds Chief Compliance Officer, which is included in Officer and Directors in the Statements of Operations.

7. Purchases and Sales:

For the six months ended January 31, 2017, purchases and sales of investments, excluding short-term securities, were as follows:

| | MNE | MZA | MYC | MYF | MYJ |
|-----------|--------------|--------------|----------------|---------------|---------------|
| Purchases | \$ 7,044,203 | \$ 8,704,052 | \$ 132,998,623 | \$ 28,883,712 | \$ 17,082,935 |
| Sales | \$ 6,948,418 | \$ 8,134,849 | \$ 141,536,837 | \$ 24,848,182 | \$ 14,263,296 |

8. Income Tax Information:

It is the Funds policy to comply with the requirements of the Internal Revenue Code of 1986, as amended, applicable to regulated investment companies, and to distribute substantially all of their taxable income to their shareholders. Therefore, no federal income tax provision is required.

Each Fund files U.S. federal and various state and local tax returns. No income tax returns are currently under examination. The statute of limitations on each Fund's U.S. federal tax returns generally remains open for each of the four years ended July 31, 2016. The statutes of limitations on each Fund's state and local tax returns may remain open for an additional year depending upon the jurisdiction.

Management has analyzed tax laws and regulations and their application to the Funds as of January 31, 2017, inclusive of the open tax return years, and does not believe that there are any uncertain tax positions that require recognition of a tax liability in the Funds' financial statements.

As of July 31, 2016, the Funds had capital loss carryforwards available to offset future realized capital gains through the indicated expiration dates as follows:

| Expires July 31, | MNE | MZA | MYF | MYJ |
|---------------------------------|------------|--------------|---------------|--------------|
| No expiration date ¹ | | \$ 613,415 | \$ 6,617,267 | \$ 4,517,847 |
| 2018 | \$ 110,767 | 816,347 | 7,205,475 | |
| 2019 | | 68,648 | | |
| Total | \$ 110,767 | \$ 1,498,410 | \$ 13,822,742 | \$ 4,517,847 |

¹ Must be utilized prior to losses subject to expiration.

As of January 31, 2017, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

| | MNE | MZA | MYC | MYF | MYJ |
|-------------------------------|---------------|---------------|----------------|----------------|----------------|
| Tax cost | \$ 88,440,284 | \$ 97,310,014 | \$ 412,767,244 | \$ 237,362,951 | \$ 306,901,991 |
| Gross unrealized appreciation | \$ 4,345,586 | \$ 5,759,899 | \$ 26,082,270 | \$ 25,528,320 | \$ 18,703,250 |
| Gross unrealized depreciation | (894,259) | (458,846) | (6,774,943) | (1,732,692) | (3,363,613) |
| Net unrealized appreciation | \$ 3,451,327 | \$ 5,301,053 | \$ 19,307,327 | \$ 23,795,628 | \$ 15,339,637 |

9. Principal Risks:

Many municipalities insure repayment of their bonds, which may reduce the potential for loss due to credit risk. The market value of these bonds may fluctuate for other reasons, including market perception of the value of such insurance, and there is no guarantee that the insurer will meet its obligation.

Inventories of municipal bonds held by brokers and dealers may decrease, which would lessen their ability to make a market in these securities. Such a reduction in market making capacity could potentially decrease a Fund's ability to buy or sell bonds. As a result, a Fund may sell a security at a lower price, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative impact on performance. If a Fund needed to sell large blocks of bonds, those sales could further reduce the bonds' prices and impact performance.

In the normal course of business, certain Funds invest in securities and enter into transactions where risks exist due to fluctuations in the market (market risk) or failure of the issuer to meet all its obligations, including the ability to pay principal and interest when due (issuer credit risk). The value of securities held by the Funds may decline in response to certain events, including those directly involving the issuers of securities owned by the Funds. Changes arising from the general economy, the overall market and local, regional or global political and/or social instability, as well as currency, interest rate and price fluctuations, may also affect the securities' value.

Each Fund may be exposed to prepayment risk, which is the risk that borrowers may exercise their option to prepay principal earlier than scheduled during periods of declining interest rates, which would force each Fund to reinvest in lower yielding securities. Each Fund may also be exposed to reinvestment risk, which is the risk that income from each Fund's portfolio will decline if each Fund invests the proceeds from matured, traded or called fixed income securities at market interest rates that are below each Fund portfolio's current earnings rate.

Notes to Financial Statements (continued)

The Funds may hold a significant amount of bonds subject to calls by the issuers at defined dates and prices. When bonds are called by issuers and the Funds reinvest the proceeds received, such investments may be in securities with lower yields than the bonds originally held, and correspondingly, could adversely impact the yield and total return performance of a fund.

It is possible that regulators could take positions that could limit the market for non-bank sponsored TOB Trust transactions or the Funds' ability to hold TOB Residuals. Under the new TOB Trust structure, the Funds will have certain additional duties and responsibilities, which may give rise to certain additional risks including, but not limited to, compliance, securities law and operational risks.

There can be no assurance that the Funds can successfully enter into restructured TOB Trust transactions in order to refinance their existing TOB Residuals holdings prior to the compliance date for the Volcker Rule, which may require that the Funds unwind existing TOB Trusts. There can be no assurance that alternative forms of leverage will be available to the Funds and any alternative forms of leverage may be more or less advantageous to the Funds than existing TOB leverage.

Should short-term interest rates rise, the Funds' investments in TOB Trust transactions may adversely affect the Funds' net investment income and dividends to Common Shareholders. Also, fluctuations in the market value of municipal bonds deposited into the TOB Trust may adversely affect the Funds' NAVs per share.

The SEC and various federal banking and housing agencies have adopted credit risk retention rules for securitizations (the Risk Retention Rules), which took effect in December 2016. The Risk Retention Rules would require the sponsor of a TOB Trust to retain at least 5% of the credit risk of the underlying assets supporting the TOB Trust's municipal bonds. The Risk Retention Rules may adversely affect the Funds' ability to engage in TOB Trust transactions or increase the costs of such transactions in certain circumstances.

TOB Trust transactions constitute an important component of the municipal bond market. Accordingly, implementation of the Volcker Rule and Risk Retention Rules may adversely impact the municipal market, including through reduced demand for and liquidity of municipal bonds and increased financing costs for municipal issuers. Any such developments could adversely affect the Funds. The ultimate impact of these rules on the TOB Trust market and the overall municipal market is not yet certain.

Counterparty Credit Risk: Similar to issuer credit risk, the Funds may be exposed to counterparty credit risk, or the risk that an entity may fail to or be unable to perform on its commitments related to unsettled or open transactions. The Funds manages counterparty credit risk by entering into transactions only with counterparties that the Manager believes have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties. Financial assets, which potentially expose the Funds to market, issuer and counterparty credit risks, consist principally of financial instruments and receivables due from counterparties. The extent of the Funds' exposure to market, issuer and counterparty credit risks with respect to these financial assets is approximately their value recorded in the Statements of Assets and Liabilities, less any collateral held by the Funds.

A derivative contract may suffer a mark-to-market loss if the value of the contract decreases due to an unfavorable change in the market rates or values of the underlying instrument. Losses can also occur if the counterparty does not perform under the contract.

With exchange-traded futures, there is less counterparty credit risk to the Funds since the exchange or clearinghouse, as counterparty to such instruments, guarantees against a possible default. The clearinghouse stands between the buyer and the seller of the contract; therefore, credit risk is limited to failure of the clearinghouse. While offset rights may exist under applicable law, a Fund does not have a contractual right of offset against a clearing broker or clearinghouse in the event of a default (including the bankruptcy or insolvency). Additionally, credit risk exists in exchange-traded futures with respect to initial and variation margin that is held in a clearing broker's customer accounts. While clearing brokers are required to segregate customer margin from their own assets, in the event that a clearing broker becomes insolvent or goes into bankruptcy and at that time there is a shortfall in the aggregate amount of margin held by the clearing broker for all its clients, typically the shortfall would be allocated on a pro rata basis across all the clearing broker's customers, potentially resulting in losses to the Funds.

Concentration Risk: MNE, MZA, MYC and MYJ invest a substantial amount of their assets in issuers located in a single state or limited number of states. This may subject each Fund to the risk that economic, political or social issues impacting a particular state or group of states could have an adverse and disproportionate impact on the income from, or the value or liquidity of, the Funds' respective portfolios. Investment percentages in specific states or U.S. territories are presented in the Schedule of Investments.

As of period end, MYC invested a significant portion of its assets in securities in the county, city, special district, school district sector, and MYF and MYJ invested a significant portion of their assets in the transportation sector. Changes in economic conditions affecting such sectors would have a greater impact on the Funds and could affect the value, income and/or liquidity of positions in such securities.

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Certain Funds invest a significant portion of their assets in fixed income securities and/or use derivatives tied to the fixed income markets. Changes in market interest rates or economic conditions may affect the value and/or liquidity of such investments. Interest rate risk is the risk that prices of bonds and other fixed income securities will increase as interest rates fall and decrease as interest rates rise. The Funds may be subject to a greater risk of rising interest rates due to the current period of historically low rates.

Notes to Financial Statements (continued)

Certain Funds may invest in municipal bonds below investment grade quality (sometimes called "junk bonds"), which are predominantly speculative, have greater credit risk and generally are less liquid and have more volatile prices than higher quality securities.

10. Capital Share Transactions:

Each Fund is authorized to issue 200 million shares (an unlimited number of shares for MYF), all of which were initially classified as Common Shares. The par value for each Fund's Common Shares is \$0.10. The par value for each Fund's Preferred Shares outstanding is \$0.10, except for MYF, which is \$0.05. The Board is authorized, however, to reclassify any unissued Common Shares to Preferred Shares without approval of Common Shareholders. MYF is authorized to issue 1 million Preferred Shares, including AMPS.

Common Shares

For the periods shown, shares issued and outstanding increased by the following amounts as a result of dividend reinvestment:

| | MZA | MYC | MYF | MYJ |
|-----------------------------------|--------|--------|--------|--------|
| Six Months Ended January 31, 2017 | 5,257 | 50,198 | 16,002 | 34,427 |
| Year Ended July 31, 2016 | 12,268 | 24,607 | 22,435 | 20,556 |

For the six months ended January 31, 2017 and the year ended July 31, 2016, shares issued and outstanding remained constant for MNE.

Preferred Shares

Each Fund's Preferred Shares rank prior to the Fund's Common Shares as to the payment of dividends by the Fund and distribution of assets upon dissolution or liquidation of a Fund. The 1940 Act prohibits the declaration of any dividend on a Fund's Common Shares or the repurchase of a Fund's Common Shares if a Fund fails to maintain asset coverage of at least 200% of the liquidation preference of the Fund's outstanding Preferred Shares. In addition, pursuant to the Preferred Shares governing instruments, a Fund is restricted from declaring and paying dividends on classes of shares ranking junior to or on parity with the Fund's Preferred Shares or repurchasing such shares if a Fund fails to declare and pay dividends on the Preferred Shares, redeem any Preferred Shares required to be redeemed under the Preferred Shares governing instruments or comply with the basic maintenance amount requirement of the ratings agencies rating the Preferred Shares.

The holders of Preferred Shares have voting rights equal to the voting rights of the holders of Common Shares (one vote per share) and will vote together with holders of Common Shares (one vote per share) as a single class on certain matters. However, the holders of Preferred Shares, voting as a separate class, are also entitled to elect two Directors to the Board of each Fund. The holders of Preferred Shares are also entitled to elect the full Board of Directors if dividends on the Preferred Shares are not paid for a period of two years. The holders of Preferred Shares are also generally entitled to a separate class vote to amend the Preferred Share governing documents. In addition, the 1940 Act requires the approval of the holders of a majority of any outstanding Preferred Shares, voting as a separate class, to (a) adopt any plan of reorganization that would adversely affect the Preferred Shares, (b) change a Fund's sub-classification as a closed-end investment company or change its fundamental investment restrictions or (c) change its business so as to cease to be an investment company.

VRDP Shares

MNE, MZA, MYC, MYF AND MYJ (collectively, the "VRDP Funds"), have issued Series W-7 VRDP Shares, \$100,000 liquidation preference per share, in privately negotiated offerings. The VRDP Shares were offered to qualified institutional buyers as defined pursuant to Rule 144A under the Securities Act of 1933, as amended, (the "Securities Act"). The VRDP Shares include a liquidity feature and the VRDP Shares of certain Funds are currently in a special rate period, each as described below.

As of period end, the VRDP Shares outstanding of each Fund were as follows:

| | Issue Date | Shares Issued | Aggregate Principal | Maturity Date |
|-----|------------|---------------|---------------------|---------------|
| MNE | 9/15/11 | 296 | \$ 29,600,000 | 10/01/41 |

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| | | | | | |
|-----|---------|-------|----|-------------|---------|
| MZA | 5/19/11 | 373 | \$ | 37,300,000 | 6/01/41 |
| MYC | 5/19/11 | 1,059 | \$ | 105,900,000 | 6/01/41 |
| MYF | 5/19/11 | 594 | \$ | 59,400,000 | 6/01/41 |
| MYJ | 4/21/11 | 1,022 | \$ | 102,200,000 | 5/01/41 |

Redemption Terms: Each VRDP Fund is required to redeem its VRDP Shares on the maturity date, unless earlier redeemed or repurchased. Six months prior to the maturity date, each VRDP Fund is required to begin to segregate liquid assets with the Fund's custodian to fund the redemption. In addition, VRDP Funds are required to redeem certain of their outstanding VRDP Shares if they fail to comply with certain asset coverage, basic maintenance amount or leverage requirements.

Subject to certain conditions, the VRDP Shares may also be redeemed, in whole or in part, at any time at the option of VRDP Funds. The redemption price per VRDP Share is equal to the liquidation preference per share plus any outstanding unpaid dividends.

Liquidity Feature: Each VRDP Fund entered into a fee agreement with the liquidity provider that requires an initial commitment and a per annum liquidity fee payable to the liquidity provider. These fees, if applicable, are shown as liquidity fees in the Statements of Operations.

Notes to Financial Statements (continued)

The fee agreements between MZA, MYC, MYF and MYJ, and the liquidity provider are for a 364 day term and were scheduled to expire on July 7, 2016. MZA, MYC, MYF and MYJ renewed the fee agreements for an additional 364 day term which is scheduled to expire on July 6, 2017, unless renewed or terminated in advance.

The initial fee agreement between MNE and the liquidity provider was for a 364 day term and was scheduled to expire on September 15, 2012. The initial fee agreement was subsequently extended until March 15, 2013, unless renewed or terminated in advance. On November 21, 2012, MNE entered into a new fee agreement with an alternate liquidity provider. The new fee agreement is for a two year term and was scheduled to expire on December 4, 2014, unless renewed or terminated in advance. In connection with the designation of a special rate period (as described below), the fee agreement was subsequently extended until October 22, 2018, unless renewed or terminated in advance. The change in liquidity provider resulted in a mandatory tender of MNE's VRDP Shares on November 28, 2012 which were successfully remarketed by the remarketing agent.

In the event the fee agreement is not renewed or is terminated in advance, and the VRDP Funds do not enter into a fee agreement with an alternate liquidity provider, the VRDP Shares will be subject to mandatory purchase by the liquidity provider prior to the termination of the fee agreement. In the event of such mandatory purchase, VRDP Funds are required to redeem the VRDP Shares six months after the purchase date. Immediately after such mandatory purchase, VRDP Funds are required to segregate liquid assets with their custodian to fund the redemption. There is no assurance the VRDP Funds will replace such redeemed VRDP Shares with any other preferred shares or other form of leverage.

Remarketing: The VRDP Funds may incur remarketing fees of 0.10% on the aggregate principal amount of all the Funds' VRDP Shares, which, if any, are included in remarketing fees on Preferred Shares in the Statements of Operations. During any special rate period (as described below), the VRDP Funds may incur no remarketing fees.

Dividends: Dividends on the VRDP Shares are payable monthly at a variable rate set weekly by the remarketing agent. Such dividend rates are generally based upon a spread over a base rate and cannot exceed a maximum rate. In the event of a failed remarketing, the dividend rate of the VRDP Shares will be reset to a maximum rate. The maximum rate is determined based on, among other things, the long-term preferred share rating assigned to the VRDP Shares and the length of time that the VRDP Shares fail to be remarketed. At the date of issuance, the VRDP Shares were assigned long-term ratings of Aaa from Moody's and AAA from Fitch. Subsequent to the issuance of the VRDP Shares, Moody's completed a review of its methodology for rating securities issued by registered closed-end funds. As of period end, the VRDP Shares were assigned a long-term rating of Aa2 for MNE, MZA, MYC and MYJ and Aa1 for MYF from Moody's under its new ratings methodology. The VRDP Shares continue to be assigned a long-term rating of AAA from Fitch.

For the six months ended January 31, 2017, the annualized dividend rates for the VRDP Shares were as follows:

| | MNE | MZA | MYC | MYF | MYJ |
|------|-------|-------|-------|-------|-------|
| Rate | 1.64% | 1.54% | 1.79% | 1.54% | 1.54% |

Ratings: The short-term ratings on the VRDP Shares are directly related to the short-term ratings of the liquidity provider for such VRDP Shares. Changes in the credit quality of the liquidity provider could cause a change in the short-term credit ratings of the VRDP Shares as rated by Moody's, Fitch and/or S&P. A change in the short-term credit rating of the liquidity provider or the VRDP Shares may adversely affect the dividend rate paid on such shares, although the dividend rate paid on the VRDP Shares is not directly based upon either short-term rating. The liquidity provider may be terminated prior to the scheduled termination date if the liquidity provider fails to maintain short-term debt ratings in one of the two highest rating categories.

Special Rate Period: On June 21, 2012, MZA, MYC, MYF and MYJ commenced a three-year term ending June 24, 2015 (the special rate period) with respect to their VRDP Shares, during which the VRDP Shares will not be subject to any remarketing and the dividend rate will be based on a predetermined methodology. In June 2015, the special rate period was extended to June 22, 2016. In June 2016, the special rate period was extended to June 21, 2017. The implementation of the special rate period resulted in a mandatory tender of the VRDP Shares prior to the commencement of the special rate period. The mandatory tender event was not the result of a failed remarketing. The short-term ratings on the VRDP Shares for the VRDP Funds were withdrawn by Moody's, Fitch and/or S&P at the commencement of the special rate period. Prior to June 21, 2017, the holder of the VRDP Shares and MZA, MYC, MYF and MYJ may mutually agree to extend the special rate period. If the special rate period is not extended, the VRDP Shares will revert to remarketable securities upon the termination of the special rate period and will be remarketed and available for purchase by qualified institutional investors.

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On October 22, 2015, MNE commenced a term ending April 18, 2018 (the special rate period) with respect to its VRDP Shares, during which the VRDP Shares will not be subject to any remarketing and the dividend rate will be based on a predetermined methodology. The implementation of the special rate period resulted in a mandatory tender of the VRDP Shares prior to the commencement of the special rate period. The mandatory tender event was not the result of a failed remarketing. The short-term ratings on the VRDP Shares for MNE were withdrawn by Moody's, Fitch and/or S&P at the commencement of the special rate period. Prior to April 18, 2018, the holder of the VRDP Shares and MNE may mutually agree to extend the special rate period. If the special rate period is not extended, the VRDP Shares will revert to remarketable securities upon the termination of the special rate period and will be remarketed and available for purchase by qualified institutional investors.

Notes to Financial Statements (concluded)

During the special rate period, the liquidity and fee agreements remain in effect and the VRDP Shares remain subject to mandatory redemption by the VRDP Funds on the maturity date. The VRDP Shares will not be remarketed or subject to optional or mandatory tender events during the special rate period. During the special rate period, the VRDP Funds are required to comply with the same asset coverage, basic maintenance amount and leverage requirements for the VRDP Shares as is required when the VRDP Shares are not in a special rate period. The VRDP Funds will not pay any fees to the liquidity provider and remarketing agent during the special rate period. The VRDP Funds will also pay dividends monthly based on the sum of the Securities Industry and Financial Markets Association (SIFMA) Municipal Swap Index rate and a percentage per annum based on the long-term ratings assigned to the VRDP Shares.

If the VRDP Funds redeem the VRDP Shares prior to the end of the special rate period and the VRDP Shares have long-term ratings above A1/A+ and its equivalent by all ratings agencies then rating the VRDP Shares, then such redemption may be subject to a redemption premium payable to the holder of the VRDP Shares based on the time remaining in the special rate period, subject to certain exceptions for redemptions that are required to comply with minimum asset coverage requirements.

For the six months ended January 31, 2017, VRDP Shares issued and outstanding of each Fund remained constant.

Offering Costs: The Funds incurred costs in connection with the issuance of VRDP Shares, which were recorded as a direct deduction from the carrying value of the related debt liability and will be amortized over the life of the VRDP Shares with the exception of upfront fees paid to the liquidity provider which were amortized over the life of the liquidity agreement. Amortization of these costs is included in interest expense, fees and amortization of offering costs in the Statements of Operations.

Financial Reporting: The VRDP Shares are considered debt of the issuer; therefore, the liquidation preference, which approximates fair value, of the VRDP Shares is recorded as a liability in the Statements of Assets and Liabilities net of deferred offering costs. Unpaid dividends are included in interest expense and fees payable in the Statements of Assets and Liabilities, and the dividends accrued and paid on the VRDP Shares are included as a component of interest expense, fees and amortization of offering costs in the Statements of Operations. The VRDP Shares are treated as equity for tax purposes. Dividends paid to holders of the VRDP Shares are generally classified as tax-exempt income for tax-reporting purposes.

11. Subsequent Events:

Management's evaluation of the impact of all subsequent events on the Funds' financial statements was completed through the date the financial statements were issued and the following items were noted:

| | Common Dividend Per Share | | Preferred Shares ³ | | |
|-----|---------------------------|-----------------------|-------------------------------|--------|------------|
| | Paid ¹ | Declared ² | Shares | Series | Declared |
| MNE | \$ 0.0498 | \$ 0.0498 | VRDP | W-7 | \$ 35,263 |
| MZA | \$ 0.0620 | \$ 0.0620 | VRDP | W-7 | \$ 44,437 |
| MYC | \$ 0.0700 | \$ 0.0620 | VRDP | W-7 | \$ 180,457 |
| MYF | \$ 0.0780 | \$ 0.0780 | VRDP | W-7 | \$ 70,765 |
| MYJ | \$ 0.0750 | \$ 0.0750 | VRDP | W-7 | \$ 121,753 |

¹ Net investment income dividend paid on March 1, 2017 to Common Shareholders of record on February 15, 2017.

² Net investment income dividend declared on March 1, 2017, payable to Common Shareholders of record on March 15, 2017.

³ Dividends declared for period February 1, 2017 to February 28, 2017.

Officers and Directors

Richard E. Cavanagh, Chair of the Board and Director

Karen P. Robards, Vice Chair of the Board and Director

Michael J. Castellano, Director

Cynthia L. Egan, Director

Frank J. Fabozzi, Director

Jerrold B. Harris, Director

R. Glenn Hubbard, Director

W. Carl Kester, Director

Catherine A. Lynch, Director

Barbara G. Novick, Director

John M. Perlowski, Director, President and Chief Executive Officer

Jonathan Diorio, Vice President

Neal J. Andrews, Chief Financial Officer

Jay M. Fife, Treasurer

Charles Park, Chief Compliance Officer

Janey Ahn, Secretary

| Investment Adviser | Accounting Agent and Custodian | VRDP Tender and Paying Agent | Legal Counsel | Address of the Funds |
|---|---|--|---|--|
| BlackRock Advisors, LLC Wilmington, DE 19809 | State Street Bank and Trust Company Boston, MA 02110 | The Bank of New York Mellon New York, NY 10289 | Skadden, Arps, Slate, Meagher & Flom LLP Boston, MA 02116 | 100 Bellevue Parkway Wilmington, DE 19809 |
| | Transfer Agent Computershare Trust Company, N.A. Canton, MA 02021 | VRDP Remarketing Agent Barclays Capital, Inc. ¹ New York, NY 10019 | Independent Registered Public Accounting Firm Deloitte & Touche LLP Boston, MA 02116 | |

Citigroup Global Markets Inc.²
New York, NY 10179

VRDP Liquidity Provider

Barclays Bank PLC¹

New York, NY 10019

Citibank, N.A.²

New York, NY 10179

¹ For MNE.

² For all Funds except MNE.

Additional Information

Fund Certification

Certain Funds are listed for trading on the NYSE and have filed with the NYSE their annual chief executive officer certification regarding compliance with the NYSE's listing standards. The Funds filed with the SEC the certification of its chief executive officer and chief financial officer required by section 302 of the Sarbanes-Oxley Act.

Dividend Policy

Each Fund's dividend policy is to distribute all or a portion of its net investment income to its shareholders on a monthly basis. In order to provide shareholders with a more stable level of distributions, the Funds may at times pay out less than the entire amount of net investment income earned in any particular month and may at times in any particular month pay out such accumulated but undistributed income in addition to net investment income earned in that month. As a result, the distributions paid by the Funds for any particular month may be more or less than the amount of net investment income earned by the Funds during such month. The Funds' current accumulated but undistributed net investment income, if any, is disclosed in the Statements of Assets and Liabilities, which comprises part of the financial information included in this report.

General Information

The Funds do not make available copies of their Statements of Additional Information because the Funds' shares are not continuously offered, which means that the Statement of Additional Information of each Fund has not been updated after completion of the respective Fund's offerings and the information contained in each Fund's Statement of Additional Information may have become outdated.

During the period, there were no material changes in the Funds' investment objectives or policies or to the Funds' charters or by-laws that would delay or prevent a change of control of the Funds that were not approved by the shareholders or in the principal risk factors associated with investment in the Funds. Except as disclosed on page 62, there have been no changes in the persons who are primarily responsible for the day-to-day management of the Funds' portfolios.

Effective September 26, 2016, BlackRock implemented a new methodology for calculating effective duration for BlackRock's municipal bond portfolios. The new methodology replaces the model previously used by BlackRock to evaluate municipal bond duration and is a common indicator of an investment's sensitivity to interest rate movements. The new methodology is applied to the Funds' duration reported for any periods after September 26, 2016.

Quarterly performance, semi-annual and annual reports, current net asset value and other information regarding the Funds may be found on BlackRock's website, which can be accessed at <http://www.blackrock.com>. Any reference to BlackRock's website in this report is intended to allow investors public access to information regarding the Funds and does not, and is not intended to, incorporate BlackRock's website in this report.

Electronic Delivery

Shareholders can sign up for e-mail notifications of quarterly statements, annual and semi-annual shareholder reports by enrolling in the electronic delivery program. Electronic copies of shareholder reports are available on BlackRock's website.

To enroll in electronic delivery:

Shareholders Who Hold Accounts with Investment Advisers, Banks or Brokerages:

Please contact your financial advisor. Please note that not all investment advisers, banks or brokerages may offer this service.

Householding

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The Funds will mail only one copy of shareholder documents, including annual and semi-annual reports and proxy statements, to shareholders with multiple accounts at the same address. This practice is commonly called "householding" and is intended to reduce expenses and eliminate duplicate mailings of shareholder documents. Mailings of your shareholder documents may be householded 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 call the Funds at (800) 882-0052.

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Additional Information (concluded)

Availability of Quarterly Schedule of Investments

The Funds file their complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Funds' Forms N-Q are available on the SEC's website at <http://www.sec.gov> and may also be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. Information on the operation of the Public Reference Room or how to access documents on the SEC's website without charge may be obtained by calling (800) SEC-0330. The Funds' Forms N-Q may also be obtained upon request and without charge by calling (800) 882-0052.

Availability of Proxy Voting Policies and Procedures

A description of the policies and procedures that the Funds use to determine how to vote proxies relating to portfolio securities is available upon request and without charge (1) by calling (800) 882-0052; (2) at <http://www.blackrock.com>; and (3) on the SEC's website at <http://www.sec.gov>.

Availability of Proxy Voting Record

Information about how the Funds voted proxies relating to securities held in the Funds' portfolios during the most recent 12-month period ended June 30 is available upon request and without charge (1) at <http://www.blackrock.com>; or by calling (800) 882-0052; and (2) on the SEC's website at <http://www.sec.gov>.

Availability of Fund Updates

BlackRock will update performance and certain other data for the Funds on a monthly basis on its website in the Closed-end Funds section of <http://www.blackrock.com> as well as certain other material information as necessary from time to time. Investors and others are advised to check the website for updated performance information and the release of other material information about the Funds. This reference to BlackRock's website is intended to allow investors public access to information regarding the Funds and does not, and is not intended to, incorporate BlackRock's website in this report.

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 websites.

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.

This report is intended for current holders. It is not a prospectus. Past performance results shown in this report should not be considered a representation of future performance. The Funds have leveraged their Common Shares, which creates risks for Common Shareholders, including the likelihood of greater volatility of net asset value and market price of the Common Shares, and the risk that fluctuations in short-term interest rates may reduce the Common Shares yield. Statements and other information herein are as dated and are subject to change.

MY5-1/17-SAR

Item 2 Code of Ethics Not Applicable to this semi-annual report

Item 3 Audit Committee Financial Expert Not Applicable to this semi-annual report

Item 4 Principal Accountant Fees and Services Not Applicable to this semi-annual report

Item 5 Audit Committee of Listed Registrants Not Applicable to this semi-annual report

Item 6 Investments

(a) The registrant's Schedule of Investments is included as part of the Report to Stockholders filed under Item 1 of this Form.

(b) Not Applicable due to no such divestments during the semi-annual period covered since the previous Form N-CSR filing.

Item 7 Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies
Not Applicable to this semi-annual report

Item 8 Portfolio Managers of Closed-End Management Investment Companies

(a) Not Applicable to this semi-annual report.

(b) As of the date of this filing, there have been no changes in any of the portfolio managers identified in the most recent annual report on Form N-CSR.

Item 9 Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers
Not Applicable

Item 10 Submission of Matters to a Vote of Security Holders There have been no material changes to these procedures.

Item 11 Controls and Procedures

(a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act")) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

(b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the second fiscal quarter of the period covered by this report that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12 Exhibits attached hereto

(a)(1) Code of Ethics Not Applicable to this semi-annual report

(a)(2) Certifications Attached hereto

(a)(3) Not Applicable

(b) Certifications Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock MuniYield New Jersey Fund, Inc.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield New Jersey Fund, Inc.

Date: April 5, 2017

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of
BlackRock MuniYield New Jersey Fund, Inc.

Date: April 5, 2017

By: /s/ Neal J. Andrews
Neal J. Andrews
Chief Financial Officer (principal financial officer) of
BlackRock MuniYield New Jersey
Fund, Inc.

Date: April 5, 2017