

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

Form N-CSRS

April 02, 2014

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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 811-07080

Name of Fund: BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

Name and address of agent for service: John M. Perlowski, Chief Executive Officer, BlackRock MuniYield

Michigan Quality 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: 07/31/2014

Date of reporting period: 01/31/2014

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Item 1 Report to Stockholders

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JANUARY 31, 2014

SEMI-ANNUAL REPORT (UNAUDITED)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)

BlackRock MuniYield Investment Quality Fund (MFT)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

BlackRock MuniYield New Jersey Quality Fund, Inc. (MJJ)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Not FDIC Insured May Lose Value No Bank Guarantee

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Dear Shareholder

One year ago, US financial markets were improving despite a sluggish global economy, as loose monetary policy beckoned investors to take on more risk in their portfolios. Slow but positive growth in the US was sufficient to support corporate earnings, while uncomfortably high unemployment reinforced expectations that the Federal Reserve would continue its aggressive monetary stimulus programs. International markets were not as fruitful in the earlier part of the year given uneven growth rates and more direct exposure to macro risks such as the resurgence of political instability in Italy, the banking crisis in Cyprus and a generally poor outlook for European economies. Additionally, emerging markets significantly lagged the rest of the world due to slowing growth and structural imbalances.

Global financial markets were rattled in May when Fed Chairman Bernanke mentioned the possibility of reducing (or tapering) the central bank's asset purchase programs' comments that were widely misinterpreted as signaling an end to the Fed's zero-interest-rate policy. US Treasury yields rose sharply, triggering a steep sell-off across fixed income markets. (Bond prices move in the opposite direction of yields.) Equity prices also suffered as investors feared the implications of a potential end of a program that had greatly supported the markets. Markets rebounded in late June, however, when the Fed's tone turned more dovish, and improving economic indicators and better corporate earnings helped extend gains through most of the summer.

The fall was a surprisingly positive period for most asset classes after the Fed defied market expectations with its decision to delay tapering. Higher volatility returned in late September when the US Treasury Department warned that the national debt would soon breach its statutory maximum. The ensuing political brinkmanship led to a partial government shutdown, roiling global financial markets through the first half of October, but equities and other so-called risk assets resumed their rally when politicians engineered a compromise to reopen the government and extend the debt ceiling, at least temporarily.

The remainder of 2013 was generally positive for stock markets in the developed world, although investors continued to grapple with uncertainty about when and how much the Fed would scale back on stimulus. When the long-awaited taper announcement ultimately came in mid-December, the Fed reduced the amount of its monthly asset purchases but at the same time extended its time horizon for maintaining low short-term interest rates. Markets reacted positively, as this move signaled the Fed's perception of real improvement in the economy and investors were finally relieved from the tenacious anxiety that had gripped them for quite some time.

Investors' risk appetite diminished in the new year. Heightened volatility in emerging markets and mixed US economic data caused global equities to weaken in January while bond markets found renewed strength. While tighter global liquidity was an ongoing headwind for developing countries, financial troubles in Argentina and Turkey launched a sharp sell-off in a number of emerging market currencies. Unexpectedly poor economic data out of China added to the turmoil. In the US, most indicators continued to signal a strengthening economy; however, stagnant wage growth raised concerns about the sustainability of the overall positive momentum. US stocks underperformed other developed equity markets as a number of disappointing corporate earnings reports prompted investors to take advantage of lower valuations abroad.

While accommodative monetary policy was the main driver behind positive market performance over the period, it was also the primary cause of volatility and uncertainty. Developed market stocks were the strongest performers for the six- and 12-month periods ended January 31. In contrast, emerging markets were weighed down by uneven growth, high debt levels and severe currency weakness. Rising interest rates pressured US Treasury bonds and other high-quality fixed income sectors, including tax-exempt municipals and investment grade corporate bonds. High yield bonds, to the contrary, benefited from income-oriented investors' search for yield in the low-rate environment. Short-term interest rates remained near zero, keeping yields on money market securities near historical lows.

At BlackRock, we believe investors need to think globally and extend their scope across a broader array of asset classes and be prepared to move freely as market conditions change over time. We encourage you to talk with your financial advisor and visit www.blackrock.com for further insight about investing in today's world.

Sincerely,

Rob Kapito

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President, BlackRock Advisors, LLC

While accommodative monetary policy was the main driver behind positive market performance over the period, it was also the primary cause of volatility and uncertainty.

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of January 31, 2014

| | 6-month | 12-month |
|--|----------------|-----------------|
| US large cap equities (S&P 500® Index) | 6.85% | 21.52% |
| US small cap equities (Russell 2000® Index) | 8.88 | 27.03 |
| International equities (MSCI Europe, Australasia, Far East Index) | 7.51 | 11.93 |
| Emerging market equities (MSCI Emerging Markets Index) | (0.33) | (10.17) |
| 3-month Treasury bill (BofA Merrill Lynch 3-Month US Treasury Bill Index) | 0.03 | 0.08 |
| US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index) | 0.77 | (2.97) |
| US investment grade bonds (Barclays US Aggregate Bond Index) | 1.78 | 0.12 |
| Tax-exempt municipal bonds (S&P Municipal Bond Index) | 3.13 | (1.10) |
| US high yield bonds (Barclays US Corporate High Yield 2% Issuer Capped Index) | 4.70 | 6.76 |

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

THIS PAGE NOT PART OF YOUR FUND REPORT

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Table of Contents**Municipal Market Overview****For the Reporting Period Ended January 31, 2014****Municipal Market Conditions**

In the earlier months of 2013, municipal bond supply was met with robust demand as investors were starved for yield in the low-rate, low-return environment and seeking tax-exempt investments in light of higher US tax rates that became effective at the turn of the year. Investors moved into municipal bond mutual funds, favoring long-duration and high-yield funds as they tend to provide higher levels of income.

However, market conditions turned less favorable in May when the US Federal Reserve initially mentioned the eventual reduction of its bond-buying stimulus program (which ultimately took effect in January 2014). Further signals from the Fed alluding to a retrenchment of asset purchases led to rising interest rates and waning municipal bond performance in June. (Bond prices fall as rates rise.) Municipal bond mutual funds saw strong outflows in the last six months of 2013, before investors again sought the relative safety of the asset class in the New Year. For the 12-month period ended January 31, 2014, net outflows were approximately \$62.8 billion (based on data from the Investment Company Institute).

High levels of interest rate volatility resulted in a sharp curtailment of tax-exempt issuance in May through the end of the period. However, from a historical perspective, total new issuance for the 12 months ended January 31, 2014 remained relatively strong at \$322 billion (but meaningfully lower than the \$389 billion issued in the prior 12-month period). A significant portion of new supply during this period was attributable to refinancing activity (roughly 40%) as issuers took advantage of lower interest rates to reduce their borrowing costs. Total new supply was also supported by recent activity in the taxable market, where taxable municipal issuance was up approximately 15% year-over-year.

| | |
|--------------------------------------|---------|
| S&P Municipal Bond Index | |
| Total Returns as of January 31, 2014 | |
| 6 months: | 3.13% |
| 12 months: | (1.10)% |

A Closer Look at Yields

From January 31, 2013 to January 31, 2014, muni yields increased by 99 basis points (bps) from 2.86% to 3.85% on AAA-rated 30-year municipal bonds, while increasing 71 bps from 1.82% to 2.53% on 10-year bonds and rising another 31 bps from 0.79% to 1.10% on 5-year issues (as measured by Thomson Municipal Market Data). Overall, the municipal yield curve remained relatively steep over the 12-month period as the spread between 2- and 30-year maturities widened by 103 bps and the spread between 2- and 10-year maturities widened by 75 bps.

During the same time period, US Treasury rates rose by 43 bps on 30-year and 66 bps on 10-year bonds, while moving up 61 bps in 5-years. Accordingly, tax-exempt municipal bonds underperformed Treasuries on the long end of the yield curve as investors sought to reduce interest rate risk later in the period. On the short end of the curve, the outperformance of municipal bonds versus Treasuries was driven largely by a supply/demand imbalance within the municipal market and a rotation from long-duration assets (which are more sensitive to interest rate movements) into short- and intermediate-duration investments (which are less sensitive to interest rate movements). Additionally, municipal bonds benefited from the increased appeal of tax-exempt investing in the new higher tax rate environment. The asset class is known for its lower relative volatility and preservation of principal with an emphasis on income as tax rates rise. The municipal market continues to be an attractive avenue for investors seeking yield in today's environment, particularly as the recent correction has restored value in the market and placed yields at levels not obtainable since early 2011. However, opportunities have not been as broad-based as in 2011 and 2012, warranting a more tactical approach going forward.

Financial Conditions of Municipal Issuers Continue to Improve

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Following an extended period of nation-wide austerity and de-leveraging as states sought to balance their budgets, 14 consecutive quarters of positive revenue growth coupled with the elimination of more than 750,000 jobs in recent years have put state and local governments in a better financial position. Many local municipalities, however, continue to face increased health care and pension costs passed down from the state level. BlackRock maintains the view that municipal bond defaults will be minimal and remain in the periphery, and that the overall market is fundamentally sound. We continue to recognize that careful credit research, appropriate structure and security selection remain imperative amid uncertainty in this tepid economic environment.

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. Index performance is shown for illustrative purposes only. You cannot invest directly in an index.

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The Benefits and Risks of Leveraging

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

To obtain leverage, the Funds issue Variable Rate Demand Preferred Shares (VRDP Shares) or Variable Rate Muni Term Preferred Shares (VMTP Shares) (VRDP Shares and VMTP Shares are collectively referred to as Preferred Shares). Preferred Shares pay dividends at prevailing short-term interest rates, and the Funds invest the proceeds in long-term municipal bonds. In general, the concept of leveraging is based on the premise that the financing cost of assets to be obtained from leverage, which will be based on short-term interest rates, will normally be lower than the income earned by each Fund on its longer-term portfolio investments. To the extent that the total assets of each Fund (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, each Fund's shareholders will 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. However, in order to benefit shareholders, the yield curve must be positively sloped; that is, short-term interest rates must be lower than long-term interest rates. If the yield curve becomes negatively sloped, meaning short-term interest rates exceed long-term interest rates, income to shareholders will be lower than if the Funds had not used leverage.

To illustrate these concepts, assume a Fund's Common Shares capitalization is \$100 million and it issues Preferred Shares for an additional \$50 million, creating a total value of \$150 million available for investment in long-term municipal bonds. If prevailing short-term interest rates are 3% and long-term interest rates are 6%, the yield curve has a strongly positive slope. In this case, the Fund pays dividends on the \$50 million of Preferred Shares based on the lower short-term interest rates. At the same time, the securities purchased by the Fund with assets received from Preferred Shares issuance earn income based on long-term interest rates. In this case, the dividends paid to holders of Preferred Shares (Preferred Shareholders) are significantly lower than the income earned on the Fund's long-term investments, and therefore the holders of Common Shares (Common Shareholders) are the beneficiaries of the incremental net income.

If short-term interest rates rise, narrowing the differential between short-term and long-term interest rates, the incremental net income pickup will be reduced or eliminated completely. Furthermore, if prevailing short-term interest rates rise above long-term interest rates, the yield curve has a negative slope. In this case, the Fund pays higher short-term interest rates whereas the Fund's total portfolio earns income based on lower long-term interest rates.

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 redemption value of the Funds' Preferred Shares does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Funds' NAVs positively or negatively in addition to the impact on Fund performance from leverage from Preferred Shares discussed above.

The Funds may also leverage their assets through the use of tender option bond trusts (TOBs), as described in Note 3 of the Notes to Financial Statements. TOB investments generally will provide the Funds with economic benefits in periods of declining short-term interest rates, but expose the Funds to risks during periods of rising short-term interest rates similar to those associated with Preferred Shares issued by the Funds, as described above. Additionally, fluctuations in the market value of municipal bonds deposited into the TOB trust may adversely affect each Fund's NAV per share.

The use of leverage may enhance opportunities for increased income to the Funds and Common Shareholders, but as described above, it also creates risks as short- or long-term interest rates fluctuate. Leverage also will generally cause greater changes in the Funds' NAVs, market prices and dividend rates than comparable portfolios without leverage. If the income derived from securities purchased with assets received from leverage exceeds the cost of leverage, the Funds' net income will be greater than if leverage had not been used. Conversely, if the income from the securities purchased is not sufficient to cover the cost of leverage, each Fund's net income will be less than if leverage had not been used, and therefore the amount available for distribution to Common Shareholders will be reduced. 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 a Fund to incur losses. The use of leverage may limit each Fund's ability to invest in certain types of securities or use certain types of hedging strategies, such as in the case of certain restrictions imposed by rating agencies that rate the Preferred Shares issued by the Funds. Each Fund will incur expenses in connection with the use of leverage, all of which are borne by Common Shareholders and may reduce income to the Common Shares.

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Under the Investment Company Act of 1940, as amended (the "1940 Act"), the Funds are permitted to issue senior securities in the form of equity securities (e.g., Preferred Shares) up to 50% of their total managed assets (each Fund's total assets less its total accrued liabilities). In addition, each Fund with VRDP or VMTP Shares limits its economic leverage to 45% of its total managed assets. As of January 31, 2014, the Funds had economic leverage from Preferred Shares and/or TOBs as a percentage of their total managed assets as follows:

| | Percent of Economic Leverage |
|-----|---|
| MUC | 39% |
| MUJ | 39% |
| MFT | 39% |
| MIY | 39% |
| MJI | 38% |
| MPA | 38% |

Derivative Financial Instruments

The Funds may invest in various derivative financial instruments, including financial futures contracts, as specified in Note 4 of the Notes to Financial Statements, which may constitute forms of economic leverage. Such derivative financial instruments are used to obtain exposure to a security, index and/or market without owning or taking physical custody of securities or to hedge market and/or interest rate risks. Derivative financial instruments 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 derivative financial instrument. The Funds' ability to use a derivative financial instrument successfully depends on the investment advisor's ability to predict pertinent market movements accurately, which cannot be assured. The use of derivative financial instruments may result in losses greater than if they had not been used, may require a Fund to sell or purchase portfolio investments at inopportune times or for distressed values, may limit the amount of appreciation a Fund can realize on an investment, may result in lower dividends paid to shareholders and/or may cause a Fund to hold an investment that it might otherwise sell. The Funds' investments in these instruments are discussed in detail in the Notes to Financial Statements.

Table of Contents**Fund Summary** as of January 31, 2014**BlackRock MuniHoldings California Quality Fund, Inc.****Fund Overview**

BlackRock MuniHoldings California Quality Fund, Inc.'s (MUC) (the Fund) investment objective is to provide shareholders with current income exempt from federal and California income taxes. The Fund seeks to achieve its investment objective by investing primarily 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 at least 80% of its assets in investment grade municipal obligations with remaining maturities of one year or more 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.

Performance

For the six-month period ended January 31, 2014, the Fund returned 6.58% based on market price and 7.66% based on NAV. For the same period, the closed-end Lipper California Municipal Debt Funds category posted an average return of 8.06% based on market price and 6.82% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund's exposure to bonds with longer maturities, which tend to have higher durations (greater sensitivity to interest rate movements), contributed positively to performance as tax-exempt rates declined during the period. (Bond prices rise when rates fall.) Security selection had a positive impact on returns as the Fund's holdings of high-quality school district issues performed well due to continued improvement in the State of California's finances. Holdings of securities in the education and utilities sectors also added to results. Leverage on the Fund's assets achieved through the use of tender option bonds amplified the positive effect of falling rates on performance.

While the Fund's cash reserves were generally maintained at a minimal level, to the extent reserves were held, the cash holdings added little in the form of additional yield and provided no price appreciation in a generally positive period for the municipal market.

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.

Fund Information

| | |
|---|-------------------|
| Symbol on New York Stock Exchange (NYSE) | MUC |
| Initial Offering Date | February 27, 1998 |
| Yield on Closing Market Price as of January 31, 2014 (\$13.74) ¹ | 6.24% |
| Tax Equivalent Yield ² | 12.72% |
| Current Monthly Distribution per Common Share ³ | \$0.0715 |
| Current Annualized Distribution per Common Share ³ | \$0.8580 |
| Economic Leverage as of January 31, 2014 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 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.

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

⁴ Represents VMTP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP Shares and TOBs, 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.

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BlackRock MuniHoldings California Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

| | 1/31/14 | 7/31/13 | Change | High | Low |
|-----------------|----------|----------|--------|----------|----------|
| Market Price | \$ 13.74 | \$ 13.31 | 3.23% | \$ 14.02 | \$ 12.63 |
| Net Asset Value | \$ 15.14 | \$ 14.52 | 4.27% | \$ 15.17 | \$ 13.94 |

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

Overview of the Fund's Long-Term Investments

| Sector Allocation | 1/31/14 | 7/31/13 |
|--|---------|---------|
| County/City/Special District/School District | 39% | 36% |
| Utilities | 22 | 24 |
| Transportation | 12 | 11 |
| Education | 10 | 13 |
| Health | 10 | 10 |
| State | 7 | 6 |

| Credit Quality Allocation¹ | 1/31/14 | 7/31/13 |
|--|---------|---------|
| AAA/Aaa | 9% | 12% |
| AA/Aa | 78 | 75 |
| A | 13 | 13 |

¹ Using the higher of Standard & Poor's (S&P) or Moody's Investors Service (Moody's) ratings.

Call/Maturity Schedule²

| Calendar Year Ended December 31, | |
|----------------------------------|----|
| 2014 | 3% |
| 2015 | 8 |
| 2016 | 11 |
| 2017 | 14 |
| 2018 | 12 |

² Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

Table of Contents**Fund Summary** as of January 31, 2014**BlackRock MuniHoldings New Jersey Quality Fund, Inc.****Fund Overview**

BlackRock MuniHoldings New Jersey Quality Fund, Inc. s (MUJ) (the Fund) investment objective is to provide shareholders with current income exempt from federal income tax and New Jersey personal income taxes. The Fund seeks to achieve its investment objective by investing primarily in long-term, investment grade 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 at least 80% of its assets in municipal obligations with remaining maturities of one year or more 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.

Performance

For the six-month period ended January 31, 2014, the Fund returned 5.31% based on market price and 7.01% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 4.50% based on market price and 6.00% based on NAV. All returns reflect reinvestment of dividends. The Fund s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

Contributing positively to performance was the Fund s income generated from coupon payments on its portfolio of New Jersey state tax-exempt municipal bonds. The Fund s duration exposure (sensitivity to interest rate movements) had a positive impact on returns as municipal interest rates declined during the period. (Bond prices rise when rates fall.) Exposure to longer-dated bonds added to returns as the municipal yield curve flattened (i.e., longer-term rates fell more than shorter-term rates). Additionally, the Fund s exposure to zero-coupon bonds boosted results as these bonds generally outperformed the broader market during the period.

The Fund s exposure to Puerto Rico government-related credits, although limited, was a detractor from results as credit spreads on these bonds widened materially during the period due to investors lack of confidence and a weak local economy. The Fund s positions in Puerto Rico government-related securities were eliminated by the end of the period.

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.

Fund Information

| | |
|---|----------------|
| Symbol on NYSE | MUJ |
| Initial Offering Date | March 11, 1998 |
| Yield on Closing Market Price as of January 31, 2014 (\$13.54) ¹ | 6.56% |
| Tax Equivalent Yield ² | 12.73% |
| Current Monthly Distribution per Common Share ³ | \$0.074 |
| Current Annualized Distribution per Common Share ³ | \$0.888 |
| Economic Leverage as of January 31, 2014 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.

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- 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 TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, 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.

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Table of Contents**BlackRock MuniHoldings New Jersey Quality Fund, Inc.****Market Price and Net Asset Value Per Share Summary**

| | 1/31/14 | 7/31/13 | Change | High | Low |
|-----------------|----------|----------|--------|----------|----------|
| Market Price | \$ 13.54 | \$ 13.30 | 1.80% | \$ 13.79 | \$ 12.52 |
| Net Asset Value | \$ 15.01 | \$ 14.51 | 3.45% | \$ 15.05 | \$ 13.87 |

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Long-Term Investments**

| Sector Allocation | 1/31/14 | 7/31/13 |
|--|---------|---------|
| State | 24% | 27% |
| Transportation | 23 | 21 |
| Education | 16 | 15 |
| County/City/Special District/School District | 14 | 13 |
| Health | 13 | 11 |
| Housing | 6 | 7 |
| Utilities | 3 | 5 |
| Corporate | 1 | 1 |

| Credit Quality Allocation ¹ | 1/31/14 | 7/31/13 |
|--|--------------|---------|
| AAA/Aaa | 10% | 9% |
| AA/Aa | 42 | 46 |
| A | 41 | 38 |
| BBB/Baa | 7 | 7 |
| Not Rated | ² | |

¹ Using the higher of S&P's or Moody's ratings.

² Representing less than 1% of the Fund's long-term investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

| | |
|------|----|
| 2014 | 6% |
| 2015 | 8 |
| 2016 | 3 |
| 2017 | 8 |

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

SEMI-ANNUAL REPORT

JANUARY 31, 2014

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BlackRock MuniYield Investment Quality Fund's (MFT) (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 invests primarily in long-term municipal obligations that are investment grade 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.

Performance

For the six-month period ended January 31, 2014, the Fund returned 9.65% based on market price and 6.73% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 7.76% based on market price and 5.69% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund benefited from its holdings in the State of California. The continued improvement in the State's economy was the catalyst for the price appreciation in these bonds. Additionally, as the municipal yield curve flattened during the period (i.e., rates on longer-dated bonds fell more than rates on shorter-dated securities), the Fund's longer-dated holdings in health care, education and transportation experienced the strongest price appreciation. (Bond prices rise when rates fall.)

The Fund's exposure to Puerto Rico government-related credits, although limited, was a detractor from results as credit spreads on these bonds widened materially during the period due to investors' lack of confidence and a weak local economy. The Fund's positions in Puerto Rico government-related securities were eliminated by the end of the period.

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.

Fund Information

| | |
|---|------------------|
| Symbol on NYSE | MFT |
| Initial Offering Date | October 30, 1992 |
| Yield on Closing Market Price as of January 31, 2014 (\$12.93) ¹ | 6.59% |
| Tax Equivalent Yield ² | 11.64% |
| Current Monthly Distribution per Common Share ³ | \$0.071 |
| Current Annualized Distribution per Common Share ³ | \$0.852 |
| Economic Leverage as of January 31, 2014 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.

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- 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 VMTP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP Shares and TOBs, 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.

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Table of Contents**BlackRock MuniYield Investment Quality Fund****Market Price and Net Asset Value Per Share Summary**

| | 1/31/14 | 7/31/13 | Change | High | Low |
|-----------------|----------------|----------------|---------------|-------------|------------|
| Market Price | \$ 12.93 | \$ 12.20 | 5.98% | \$ 13.02 | \$ 11.80 |
| Net Asset Value | \$ 14.04 | \$ 13.61 | 3.16% | \$ 14.07 | \$ 13.01 |

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Long-Term Investments**

| Sector Allocation | 1/31/14 | 7/31/13 |
|--|----------------|----------------|
| Transportation | 36% | 27% |
| Utilities | 21 | 23 |
| County/City/Special District/School District | 17 | 20 |
| Health | 11 | 11 |
| State | 8 | 10 |
| Education | 3 | 6 |
| Housing | 2 | 1 |
| Tobacco | 2 | 2 |

| Credit Quality Allocation¹ | 1/31/14 | 7/31/13 |
|--|----------------|----------------|
| AAA/Aaa | 5% | 9% |
| AA/Aa | 65 | 64 |
| A | 29 | 27 |
| BBB/Baa | 1 | ² |
| Not Rated | | ² |

¹ Using the higher of S&P's or Moody's ratings.

² Representing less than 1% of the Fund's long-term investments.

Call/Maturity Schedule³

| Calendar Year Ended December 31, | |
|----------------------------------|----|
| 2014 | |
| 2015 | 1% |
| 2016 | 2 |

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| | |
|------|----|
| 2017 | 2 |
| 2018 | 12 |

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

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Table of Contents**Fund Summary** as of January 31, 2014**BlackRock MuniYield Michigan Quality Fund, Inc.****Fund Overview**

BlackRock MuniYield Michigan Quality Fund, Inc. s (MIY) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and Michigan 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 Michigan 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 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.

Performance

For the six-month period ended January 31, 2014, the Fund returned 7.95% based on market price and 5.85% based on NAV. For the same period, the closed-end Lipper Other States Municipal Debt Funds category posted an average return of 3.25% based on market price and 4.82% based on NAV. All returns reflect reinvestment of dividends. The Fund s discount to NAV, which narrowed during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

Contributing positively to performance was the Fund s income generated from coupon payments on its portfolio of Michigan state tax-exempt municipal bonds. The Fund s duration exposure (sensitivity to interest rate movements) had a positive impact on returns as municipal interest rates declined during the period. (Bond prices rise when rates fall.) Exposure to longer-dated bonds added to returns as the municipal yield curve flattened (i.e., longer-term rates fell more than shorter-term rates). Additionally, the Fund s exposure to the education sector boosted results as these bonds generally outperformed the broader market during the period.

The Fund s exposure to Puerto Rico government-related credits, although limited, was a detractor from results as credit spreads on these bonds widened materially during the period due to investors lack of confidence and a weak local economy. The Fund s positions in Puerto Rico government-related securities were eliminated by the end of the period.

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.

Fund Information

| | |
|---|------------------|
| Symbol on NYSE | MIY |
| Initial Offering Date | October 30, 1992 |
| Yield on Closing Market Price as of January 31, 2014 (\$13.09) ¹ | 6.78% |
| Tax Equivalent Yield ² | 12.51% |
| Current Monthly Distribution per Common Share ³ | \$0.074 |
| Current Annualized Distribution per Common Share ³ | \$0.888 |
| Economic Leverage as of January 31, 2014 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.

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- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 45.81%, 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 February 3, 2014, was decreased to \$0.074 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 TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, 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.

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BlackRock MuniYield Michigan Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

| | 1/31/14 | 7/31/13 | Change | High | Low |
|-----------------|----------------|----------------|---------------|-------------|------------|
| Market Price | \$13.09 | \$12.57 | 4.14% | \$13.15 | \$11.94 |
| Net Asset Value | \$14.46 | \$14.16 | 2.12% | \$14.50 | \$13.36 |

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

Overview of the Fund's Long-Term Investments

| Sector Allocation | 1/31/14 | 7/31/13 |
|--|----------------|----------------|
| County/City/Special District/School District | 24% | 25% |
| Education | 20 | 17 |
| Health | 15 | 14 |
| Utilities | 12 | 12 |
| State | 11 | 13 |
| Transportation | 9 | 10 |
| Housing | 6 | 6 |
| Corporate | 3 | 3 |

| Credit Quality Allocation¹ | 1/31/14 | 7/31/13 |
|--|----------------|----------------|
| AAA/Aaa | 1% | 1% |
| AA/Aa | 71 | 70 |
| A | 28 | 29 |

¹ Using the higher of S&P's or Moody's ratings.

Call/Maturity Schedule²

| Calendar Year Ended December 31, | |
|---|----|
| 2014 | 9% |
| 2015 | 7 |
| 2016 | 7 |
| 2017 | 7 |
| 2018 | 13 |

² Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

Table of Contents**Fund Summary** as of January 31, 2014**BlackRock MuniYield New Jersey Quality Fund, Inc.****Fund Overview**

BlackRock MuniYield New Jersey Quality Fund, Inc.'s (MJI) (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 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.

Performance

For the six-month period ended January 31, 2014, the Fund returned 4.64% based on market price and 7.31% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 4.50% based on market price and 6.00% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

Contributing positively to performance was the Fund's income generated from coupon payments on its portfolio of New Jersey state tax-exempt municipal bonds. The Fund's duration exposure (sensitivity to interest rate movements) had a positive impact on returns as municipal interest rates declined during the period. (Bond prices rise when rates fall.) Exposure to longer-dated bonds added to returns as the municipal yield curve flattened (i.e., longer-term rates fell more than shorter-term rates). Additionally, the Fund's exposure to zero-coupon bonds boosted results as these bonds generally outperformed the broader market during the period.

The Fund's exposure to Puerto Rico government-related credits, although limited, was a detractor from results as credit spreads on these bonds widened materially during the period due to investors' lack of confidence and a weak local economy. The Fund's positions in Puerto Rico government-related securities were eliminated by the end of the period.

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.

Fund Information

| | |
|---|------------------|
| Symbol on NYSE | MJI |
| Initial Offering Date | October 30, 1992 |
| Yield on Closing Market Price as of January 31, 2014 (\$13.42) ¹ | 6.62% |
| Tax Equivalent Yield ² | 12.85% |
| Current Monthly Distribution per Common Share ³ | \$0.074 |
| Current Annualized Distribution per Common Share ³ | \$0.888 |
| Economic Leverage as of January 31, 2014 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.

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- 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 TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, 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.

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BlackRock MuniYield New Jersey Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

| | 1/31/14 | 7/31/13 | Change | High | Low |
|-----------------|----------------|----------------|---------------|-------------|------------|
| Market Price | \$13.42 | \$13.27 | 1.13% | \$13.69 | \$12.48 |
| Net Asset Value | \$14.82 | \$14.29 | 3.71% | \$14.85 | \$13.58 |

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

Overview of the Fund's Long-Term Investments

| Sector Allocation | 1/31/14 | 7/31/13 |
|--|----------------|----------------|
| Transportation | 24% | 20% |
| State | 20 | 24 |
| Education | 19 | 17 |
| County/City/Special District/School District | 13 | 11 |
| Health | 11 | 10 |
| Housing | 6 | 7 |
| Utilities | 4 | 8 |
| Corporate | 3 | 3 |

| Credit Quality Allocation¹ | 1/31/14 | 7/31/13 |
|--|----------------|----------------|
| AAA/Aaa | 6% | 6% |
| AA/Aa | 42 | 45 |
| A | 45 | 42 |
| BBB/Baa | 7 | 7 |

¹ Using the higher of S&P's or Moody's ratings.

Call/Maturity Schedule²

| Calendar Year Ended December 31, | |
|---|----|
| 2014 | 9% |
| 2015 | 3 |
| 2016 | 3 |
| 2017 | 10 |
| 2018 | 8 |

² Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

Table of Contents**Fund Summary** as of January 31, 2014**BlackRock MuniYield Pennsylvania Quality Fund****Fund Overview**

BlackRock MuniYield Pennsylvania Quality Fund's (MPA) (the Fund) investment objective is to provide shareholders with as high a level of current income exempt from federal and Pennsylvania 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 Pennsylvania 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 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.

Performance

For the six-month period ended January 31, 2014, the Fund returned 5.18% based on market price and 6.84% based on NAV. For the same period, the closed-end Lipper Pennsylvania Municipal Debt Funds category posted an average return of 6.31% based on market price and 5.33% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund's duration exposure (sensitivity to interest rate movements) contributed positively to performance as tax-exempt municipal rates declined during the period. (Bond prices rise when rates fall.) The Fund also benefited from income generated from coupon payments on its portfolio of Pennsylvania tax-exempt municipal bonds.

The Fund's exposure to Puerto Rico government-related credits, although limited, was a detractor from results as credit spreads on these bonds widened materially during the period due to investors' lack of confidence and a weak local economy. The Fund's positions in Puerto Rico government-related securities were eliminated by the end of the period.

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.

Fund Information

| | |
|---|------------------|
| Symbol on NYSE | MPA |
| Initial Offering Date | October 30, 1992 |
| Yield on Closing Market Price as of January 31, 2014 (\$13.29) ¹ | 6.68% |
| Tax Equivalent Yield ² | 12.18% |
| Current Monthly Distribution per Common Share ³ | \$0.074 |
| Current Annualized Distribution per Common Share ³ | \$0.888 |
| Economic Leverage as of January 31, 2014 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 45.14%, 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 TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, 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.

Table of Contents**BlackRock MuniYield Pennsylvania Quality Fund****Market Price and Net Asset Value Per Share Summary**

| | 1/31/14 | 7/31/13 | Change | High | Low |
|-----------------|----------|----------|--------|----------|----------|
| Market Price | \$ 13.29 | \$ 13.07 | 1.68% | \$ 13.66 | \$ 12.30 |
| Net Asset Value | \$ 15.07 | \$ 14.59 | 3.29% | \$ 15.10 | \$ 13.94 |

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Long-Term Investments**

| Sector Allocation | 1/31/14 | 7/31/13 |
|--|---------|---------|
| County/City/Special District/School District | 24% | 22% |
| Health | 17 | 16 |
| State | 16 | 17 |
| Transportation | 12 | 13 |
| Education | 10 | 11 |
| Utilities | 7 | 7 |
| Housing | 7 | 7 |
| Corporate | 7 | 7 |

| Credit Quality Allocation ¹ | 1/31/14 | 7/31/13 |
|--|---------|---------|
| AAA/Aaa | 1% | 1% |
| AA/Aa | 72 | 73 |
| A | 23 | 22 |
| BBB/Baa | 4 | 4 |
| Not Rated ² | | |

¹ Using the higher of S&P's or Moody's ratings.

² The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of January 31, 2014 and July 31, 2013, the market value of these securities was \$530,730 and \$525,235, each representing less than 1%, respectively, of the Fund's long-term investments.

Call/Maturity Schedule³

| Calendar Year Ended December 31, | |
|----------------------------------|----|
| 2014 | 7% |
| 2015 | 11 |
| 2016 | 11 |

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

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

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Schedule of Investments January 31, 2014 (Unaudited)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|----------------------|--------------|
| Municipal Bonds | | |
| California 111.7% | | |
| Corporate 0.4% | | |
| City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34 | \$ 2,435 | \$ 2,735,236 |
| County/City/Special District/School District 36.2% | | |
| Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 8/01/41 | 9,000 | 10,267,830 |
| City of Garden Grove California, COP, Series A, Financing Project (AMBAC), 5.50%, 3/01/26 | 4,040 | 4,054,665 |
| Coast Community College District, GO, Refunding, Election of 2012, Series A, 5.00%, 8/01/38 | 3,500 | 3,774,365 |
| County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35 | 3,500 | 3,960,110 |
| County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax Measure K, Series A, 6.00%, 3/01/36 | 2,440 | 2,861,681 |
| County of Ventura California Public Financing Authority, Refunding LRB, Series A, 5.00%, 11/01/43 | 6,785 | 6,968,399 |
| County of Ventura Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/33 | 5,050 | 5,650,142 |
| Culver City Redevelopment Finance Authority California, Refunding, Tax Allocation Bonds, Series A (AGM), 5.60%, 11/01/25 | 3,750 | 3,762,525 |
| Foothill-De Anza Community College District, GO, Election of 2006, Series C, 5.00%, 8/01/40 | 32,000 | 33,949,440 |
| Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40 | 5,500 | 5,984,550 |
| Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/40 | 2,000 | 2,288,580 |
| Kern Community College District, GO, Series C: 5.75%, 11/01/34 | 12,000 | 14,043,840 |
| Safety Repair & Improvements, 5.25%, 11/01/32 | 5,715 | 6,399,428 |
| Los Alamitos Unified School District, GO, Refunding, 5.25%, 8/01/39 | 3,700 | 4,038,106 |
| Los Angeles Community Redevelopment Agency California, RB, Bunker Hill Project, Series A (AGM), 5.00%, 12/01/27 | 7,000 | 7,233,870 |
| Orange County Sanitation District, COP, Series A, 5.00%, 2/01/35 | 2,500 | 2,736,775 |
| Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 8/01/35 | 10,000 | 10,526,500 |
| Pajaro Valley Unified School District, GO, Refunding, Election of 2012, Series A, 5.00%, 8/01/38 | 5,740 | 6,105,925 |
| Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33 | 5,000 | 5,441,150 |
| | Par (000) | Value |
| Municipal Bonds | | |
| California (continued) | | |
| County/City/Special District/School District (concluded) | | |
| Riverside Community College District, GO, Election of 2004, Series C (AGM), 5.00%, 8/01/32 | \$ 8,750 | \$ 9,375,275 |
| San Diego Community College District, GO, Election of 2006 (AGM), 5.00%, 8/01/30 | 8,000 | 8,658,640 |
| San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.50%, 2/01/29 | 900 | 1,020,618 |
| San Francisco Bay Area Rapid Transit District, Refunding RB, Series A, 5.00%, 7/01/36 | 4,200 | 4,531,758 |
| San Jose California Financing Authority, LRB, Convention Center Expansion & Renovation Project, Series A: 5.75%, 5/01/36 | 2,560 | 2,741,222 |
| 5.75%, 5/01/42 | 4,500 | 4,911,165 |
| San Jose California Financing Authority, Refunding LRB, Convention Center Expansion & Renovation Project, Series A, 5.00%, 6/01/39 | 20,990 | 21,911,461 |
| Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38 | 5,635 | 6,340,671 |
| Southwestern Community College District, GO, Election of 2008, Series C, 5.25%, 8/01/36 | 2,625 | 2,816,468 |
| West Contra Costa California Unified School District, GO: Election of 2005, Series A (AGM), 5.00%, 8/01/35 | 10,000 | 10,288,400 |
| Election of 2010, Series A (AGM), 5.25%, 8/01/41 | 5,390 | 5,660,362 |
| Election of 2010, Series B, 5.50%, 8/01/39 | 3,195 | 3,470,665 |
| Election of 2012, Series A, 5.50%, 8/01/39 | 2,500 | 2,715,700 |
| | | 224,490,286 |
| Education 9.5% | | |
| California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42 | 2,750 | 3,051,043 |
| Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31 | 2,170 | 2,444,961 |

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| | | |
|---|--------|------------|
| 5.75%, 8/01/35 | 8,400 | 9,548,280 |
| University of California, RB, Series L, 5.00%, 5/15/36 | 3,030 | 3,252,947 |
| University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37 | 38,000 | 40,656,200 |
| | | 58,953,431 |

Portfolio Abbreviations

To simplify the listings of portfolio holdings in the Schedules of Investments, the names and descriptions of many of the securities have been abbreviated according to the following list:

| | | | |
|--------------|---|----------------|---|
| AGC | Assured Guaranty Corp. | HDA | Housing Development Authority |
| AGM | Assured Guaranty Municipal Corp. | HFA | Housing Finance Agency |
| AMBAC | American Municipal Bond Assurance Corp. | HUD | Department of Housing and Urban Development |
| AMT | Alternative Minimum Tax (subject to) | IDA | Industrial Development Authority |
| ARB | Airport Revenue Bonds | IDB | Industrial Development Board |
| BARB | Building Aid Revenue Bonds | ISD | Independent School District |
| BHAC | Berkshire Hathaway Assurance Corp. | LRB | Lease Revenue Bonds |
| CAB | Capital Appreciation Bonds | M/F | Multi-Family |
| COP | Certificates of Participation | NPFGC | National Public Finance Guarantee Corp. |
| EDA | Economic Development Authority | Q-SBLF | Qualified School Bond Loan Fund |
| EDC | Economic Development Corp. | Radian | Radian Financial Guaranty |
| ERB | Education Revenue Bonds | RB | Revenue Bonds |
| GAB | Grant Anticipation Bonds | S/F | Single-Family |
| GARB | General Airport Revenue Bonds | Syncora | Syncora Guarantee |
| GO | General Obligation Bonds | | |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| California (continued) | | |
| Health 16.3% | | |
| ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare: | | |
| 6.25%, 8/01/39 | \$ 6,305 | \$ 7,111,851 |
| Series A, 6.00%, 8/01/30 | 2,305 | 2,639,709 |
| California Health Facilities Financing Authority, RB: | | |
| Children's Hospital, Series A, 5.25%, 11/01/41 | 8,520 | 8,854,495 |
| Kaiser Permanente, Series A, 5.25%, 4/01/39 | 7,275 | 7,367,974 |
| Providence Health Services, Series B, 5.50%, 10/01/39 | 4,130 | 4,612,880 |
| Sutter Health, Series A, 5.25%, 11/15/46 | 7,500 | 7,579,200 |
| Sutter Health, Series B, 6.00%, 8/15/42 | 9,655 | 11,097,843 |
| California Health Facilities Financing Authority, Refunding RB: | | |
| Catholic Healthcare West, Series A, 6.00%, 7/01/34 | 3,700 | 4,112,180 |
| Saint Joseph's Health System, Series A, 5.00%, 7/01/37 | 10,000 | 10,372,200 |
| Stanford Hospital, Series A-3, 5.50%, 11/15/40 | 3,040 | 3,314,786 |
| California Statewide Communities Development Authority, RB: | | |
| 5.25%, 8/01/31 | 2,500 | 2,566,450 |
| Kaiser Permanente, Series A, 5.00%, 4/01/42 | 11,000 | 11,235,950 |
| Kaiser Permanente, Series B, 5.25%, 3/01/45 | 12,505 | 12,592,535 |
| California Statewide Communities Development Authority, Refunding RB, Trinity Health Credit | | |
| Group Composite Issue, 5.00%, 12/01/41 | 6,235 | 6,392,995 |
| Washington Township Health Care District, GO, Series B, 5.50%, 8/01/38 | 1,250 | 1,382,362 |
| | | 101,233,410 |
| State 10.2% | | |
| California State Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/33 | | |
| | 2,015 | 2,270,784 |
| California State Public Works Board, RB: | | |
| 5.00%, 4/01/37 | 3,165 | 3,278,529 |
| California State Prisons, Series C, 5.75%, 10/01/31 | 1,205 | 1,365,084 |
| Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34 | 3,670 | 4,239,547 |
| State of California, GO, Various Purposes: | | |
| 6.00%, 3/01/33 | 5,000 | 5,849,500 |
| 6.00%, 4/01/35 | 150 | 171,614 |
| 6.00%, 4/01/38 | 28,265 | 32,425,325 |
| University of California, RB, Limited Project, Series D (NPFGC), 5.00%, 5/15/41 | 13,000 | 13,372,190 |
| | | 62,972,573 |
| Transportation 18.1% | | |
| Bay Area Toll Authority, RB, San Francisco Bay Area Toll Bridge, Series C-1, 0.94%, 4/01/45 (a) | | |
| | 4,400 | 4,348,476 |
| City & County of San Francisco Airports Commission, Refunding RB, Second Series 34E, AMT (AGM), 5.75%, 5/01/24 | | |
| | 5,000 | 5,650,450 |
| City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39 | | |
| | 9,650 | 11,115,449 |
| City & County of San Francisco California Airports Commission, Refunding RB, AMT, Series A, 5.00%, 5/01/29 | | |
| | 6,435 | 6,818,011 |
| City of Los Angeles California Department of Airports, ARB, Los Angeles International Airport, Senior Series A, AMT, 5.00%, 5/15/38 | | |
| | 2,550 | 2,659,523 |
| | Par (000) | Value |
| Municipal Bonds | | |
| California (concluded) | | |
| Transportation (concluded) | | |
| City of Los Angeles California Department of Airports, RB, Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29 | | |
| | \$ 2,590 | \$ 2,836,076 |
| City of Los Angeles California Department of Airports, Refunding RB, Los Angeles International Airport Series A: | | |
| 5.25%, 5/15/39 | 4,335 | 4,671,829 |
| Senior, 5.00%, 5/15/40 (b) | 3,750 | 3,933,075 |
| City of San Jose California, Refunding ARB, Series A-1, AMT: | | |

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| | | |
|--|--------|-------------|
| 5.25%, 3/01/23 | 3,785 | 4,214,560 |
| 6.25%, 3/01/34 | 1,400 | 1,576,190 |
| County of Orange California, ARB, Series B, 5.75%, 7/01/34 | 6,345 | 6,977,977 |
| County of Sacramento California, ARB: | | |
| Senior Series A (AGC), 5.50%, 7/01/41 | 8,190 | 9,068,377 |
| Senior Series B, 5.75%, 7/01/39 | 2,650 | 2,953,346 |
| Senior Series B, AMT (AGM), 5.75%, 7/01/28 | 13,275 | 14,926,277 |
| Senior Series B, AMT (AGM), 5.25%, 7/01/33 | 19,530 | 20,316,278 |
| County of San Diego California Regional Airport Authority, Refunding ARB, Sub-Series A, 5.00%, 7/01/40 | 4,055 | 4,144,088 |
| Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34 | 5,530 | 6,154,116 |
| | | 112,364,098 |
| Utilities 21.0% | | |
| Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 10/01/36 | 2,200 | 2,454,870 |
| City of Los Angeles California Wastewater System, Refunding RB, Sub-Series A, 5.00%, 6/01/28 | 2,000 | 2,249,100 |
| City of San Francisco California Public Utilities Commission Water, RB: | | |
| Series B, 5.00%, 11/01/30 | 10,000 | 11,024,500 |
| Series B&C, 5.00%, 11/01/41 | 5,000 | 5,289,100 |
| Cucamonga Valley Water District Financing Authority, RB, Water Utility, 5.00%, 9/01/37 | 2,500 | 2,650,200 |
| Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 | 4,000 | 4,694,520 |
| East Bay Municipal Utility District, Refunding RB: | | |
| Series A (NPFGC), 5.00%, 6/01/32 | 11,935 | 12,874,404 |
| Series A (NPFGC), 5.00%, 6/01/37 | 6,670 | 7,138,300 |
| Sub-Series A (AGM), 5.00%, 6/01/37 | 11,190 | 11,975,650 |
| Sub-Series A (AMBAC), 5.00%, 6/01/33 | 5,000 | 5,396,850 |
| Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33 | 2,505 | 2,655,901 |
| Imperial Irrigation District, Refunding RB, Electric System, 5.13%, 11/01/38 | 9,500 | 10,057,555 |
| Los Angeles Department of Water & Power, RB, Series A, 5.38%, 7/01/38 | 9,000 | 9,991,800 |
| Los Angeles Department of Water & Power, Refunding RB, Series A: | | |
| 5.25%, 7/01/39 | 16,000 | 17,267,680 |
| System, 5.00%, 7/01/30 | 4,325 | 4,811,087 |
| San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A: | | |
| 5.25%, 5/15/34 | 1,060 | 1,156,068 |
| 5.25%, 5/15/39 | 10,000 | 10,777,000 |
| San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 2/01/33 | 7,325 | 8,009,521 |
| | | 130,474,106 |
| Total Municipal Bonds 111.7% | | 693,223,140 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|---------------|
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| California 49.9% | | |
| County/City/Special District/School District 27.3% | | |
| County of Alameda California Joint Powers Authority, Refunding LRB (AGM), 5.00%, 12/01/34 | \$ 13,180 | \$ 13,826,479 |
| Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/37 | 16,530 | 17,424,769 |
| Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40 | 10,000 | 10,609,200 |
| Los Angeles Community College District California, GO: Election of 2001, Series A (NPFGC), 5.00%, 8/01/32 | 6,647 | 7,122,469 |
| Election of 2001, Series E-1, 5.00%, 8/01/33 | 11,770 | 12,624,031 |
| Election of 2003, Series E (AGM), 5.00%, 8/01/31 | 11,216 | 11,948,421 |
| Election of 2003, Series F-1, 5.00%, 8/01/33 | 10,000 | 10,725,600 |
| Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/33 | 9,596 | 11,114,842 |
| Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition A, First Tier, Senior Series A (AMBAC), 5.00%, 7/01/35 | 8,997 | 9,390,951 |
| Los Angeles County Sanitation Districts Financing Authority, Refunding RB, Capital Project 14 (BHAC), 5.00%, 10/01/34 | 7,917 | 8,289,808 |
| Poway Unified School District, GO, Election of 2002, Improvement District 02, Series 1-B (AGM), 5.00%, 8/01/30 | 10,000 | 10,652,700 |
| San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31 | 17,770 | 18,929,848 |
| San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC): 5.00%, 7/01/30 | 23,100 | 24,101,154 |
| 5.00%, 7/01/34 | 2,499 | 2,607,634 |
| | | 169,367,906 |
| Education 6.8% | | |
| Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35 | 11,000 | 11,852,390 |
| Riverside Community College District, GO, Election of 2004, Series C (NPFGC), 5.00%, 8/01/32 | 8,910 | 9,546,709 |
| University of California, RB: Limited Project, Series D (AGM), 5.00%, 5/15/41 | 8,000 | 8,353,760 |
| Series O, 5.75%, 5/15/34 | 11,190 | 12,727,245 |
| | | 42,480,104 |
| Transportation 1.7% | | |
| San Mateo County Transportation Authority, Refunding RB, Series A (NPFGC), 5.00%, 6/01/32 | 10,000 | 10,391,100 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| California (concluded) | | |
| Utilities 14.1% | | |
| City of Napa California Water System, RB, (AMBAC), 5.00%, 5/01/35 | \$ 9,100 | \$ 9,416,316 |
| County of Sacramento California Sanitation Districts Financing Authority, RB, Sacramento Regional County Sanitation (NPFGC), 5.00%, 12/01/36 | 4,500 | 4,776,300 |
| County of San Diego California Water Authority, COP, Refunding, Series A (AGM), 5.00%, 5/01/33 | 16,740 | 18,056,601 |
| East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35 | 12,070 | 12,587,682 |
| East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/37 | 14,510 | 15,889,901 |
| Los Angeles Department of Water & Power, RB, Power System, Sub-Series A-2 (AGM), 5.00%, 7/01/35 | 7,500 | 7,993,350 |
| Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%, 7/01/35 | 12,870 | 13,473,989 |
| Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34 | 5,008 | 5,341,362 |
| | | 87,535,501 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 49.9% | | 309,774,611 |
| Total Long-Term Investments (Cost \$961,180,441) 161.6% | | 1,002,997,751 |

| Short-Term Securities | Shares | |
|---|---------------|-----------------------|
| BIF California Municipal Money Fund, 0.00% (d)(e) | 5,813,118 | 5,813,118 |
| Total Short-Term Securities | | 5,813,118 |
| (Cost \$5,813,118) 0.9% | | 1,008,810,869 |
| Total Investments (Cost \$966,993,559) 162.5% | | 16,562,329 |
| Other Assets Less Liabilities 2.6% | | |
| Liability for TOB Trust Certificates, Including Interest | | (150,548,161) |
| Expense and Fees Payable (24.2)% | | (254,000,000) |
| VMTP Shares, at Liquidation Value (40.9)% | | |
| Net Assets Applicable to Common Shares 100.0% | | \$ 620,825,037 |

Notes to Schedule of Investments

(a) Variable rate security. Rate shown is as of report date.

(b) When-issued security. Unsettled when-issued transactions were as follows:

| Counterparty | Value | Unrealized Depreciation |
|-------------------------------|--------------|------------------------------------|
| Citigroup Global Markets Inc. | \$ 3,933,075 | \$ (28,509) |

(c) Represent bonds transferred to a TOB. In exchange for which the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction. See Note 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniHoldings California Quality Fund, Inc. (MUC)**

(d) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2014, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at January 31, 2014 | Income |
|-------------------------------------|---|-------------------------|--|---------------|
| BIF California Municipal Money Fund | 501,963 | 5,311,155 | 5,813,118 | \$ 203 |

(e) Represents the current yield as of report date.

Financial futures contracts outstanding as of January 31, 2014 were as follows:

| Contracts Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|-----------------------|--------------------------|------------------------|-------------------|---------------------------|------------------------------------|
| (400) | 10-Year US Treasury Note | Chicago Board of Trade | March 2014 | \$ 50,300,000 | \$ (553,625) |

For Fund compliance purposes, the Fund's sector classifications refer to any 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 investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure 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 the Fund has the ability to access

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 the 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.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to Note 2 of the Notes to Financial Statements.

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The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|--------------|------------------|---------|------------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 1,002,997,751 | | \$ 1,002,997,751 |
| Short-Term Securities | \$ 5,813,118 | | | 5,813,118 |
| Total | \$ 5,813,118 | \$ 1,002,997,751 | | \$ 1,008,810,869 |

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

| | Level 1 | Level 2 | Level 3 | Total |
|---|--------------|---------|---------|--------------|
| Derivative Financial Instruments² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (553,625) | | | \$ (553,625) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

The carrying amount for certain of the Fund's assets and/or liabilities approximates fair value for financial statement purposes. As of January 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|------------|------------------|---------|------------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 664,000 | | | \$ 664,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (150,520,948) | | (150,520,948) |
| VMTP Shares | | (254,000,000) | | (254,000,000) |
| Total | \$ 664,000 | \$ (404,520,948) | | \$ (403,856,948) |

There were no transfers between levels during the six months ended January 31, 2014.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** January 31, 2014 (Unaudited)**BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)**

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| New Jersey 141.5% | | |
| Corporate 2.4% | | |
| New Jersey EDA, RB, Solid Waste Disposal, Waste Management, Series A, AMT, 5.30%, 6/01/15 (a) | \$ 2,500 | \$ 2,535,425 |
| New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project AMT: Series A, 5.70%, 10/01/39 | 2,500 | 2,670,325 |
| Series B, 5.60%, 11/01/34 | 2,150 | 2,312,368 |
| | | 7,518,118 |
| County/City/Special District/School District 18.9% | | |
| Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33 | 2,690 | 2,742,240 |
| City of Perth Amboy New Jersey, GO, Refunding, CAB (AGM): 5.00%, 7/01/32 | 4,605 | 4,774,372 |
| 5.00%, 7/01/33 | 1,395 | 1,442,249 |
| 5.00%, 7/01/37 | 1,470 | 1,502,325 |
| County of Essex New Jersey Improvement Authority, Refunding RB, Project Consolidation (NPFGC): 5.50%, 10/01/27 | 250 | 299,407 |
| 5.50%, 10/01/28 | 4,840 | 5,796,190 |
| County of Hudson New Jersey Improvement Authority, RB: County Secured, County Services Building Project (AGM), 5.00%, 4/01/27 | 750 | 803,100 |
| Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39 | 2,000 | 2,105,040 |
| Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44 | 3,600 | 3,789,288 |
| County of Middlesex New Jersey Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 9/01/30 | 500 | 501,650 |
| County of Monmouth New Jersey Improvement Authority, RB, Governmental Loan (AMBAC): 5.35%, 12/01/17 | 5 | 5,018 |
| 5.38%, 12/01/18 | 5 | 5,018 |
| County of Union New Jersey, GO, Refunding: 4.00%, 3/01/29 | 2,590 | 2,667,286 |
| 4.00%, 3/01/30 | 2,590 | 2,650,943 |
| 4.00%, 3/01/31 | 2,925 | 2,973,701 |
| County of Union New Jersey Utilities Authority, Refunding RB, Series A: Resources Recovery Facility, Covanta Union, Inc., AMT, 5.25%, 12/01/31 | 450 | 472,653 |
| Solid Waste System, County Deficiency Agreement, 5.00%, 6/15/41 | 5,415 | 5,722,139 |
| Edgewater Borough Board of Education, GO, Refunding, (AGM): 4.25%, 3/01/34 | 1,235 | 1,279,164 |
| 4.25%, 3/01/35 | 1,300 | 1,337,882 |
| 4.30%, 3/01/36 | 1,370 | 1,406,702 |
| Morristown Parking Authority, RB, (NPFGC): 5.00%, 8/01/30 | 1,830 | 1,897,088 |
| 5.00%, 8/01/33 | 3,000 | 3,089,190 |
| New Jersey Sports & Exposition Authority, Refunding RB, (NPFGC): 5.50%, 3/01/22 | 3,150 | 3,630,595 |
| 5.50%, 3/01/21 | 5,890 | 6,785,044 |
| New Jersey State Transit Corp., COP, Federal Transit Administration Grants, Subordinate, Series A (AGM) (NPFGC), 5.00%, 9/15/21 | 2,000 | 2,134,700 |
| Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37 | 620 | 563,921 |
| | | 60,376,905 |
| | Par (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Education 26.0% | | |
| New Jersey EDA, LRB, Rutgers - The State University of New Jersey, College Avenue Redevelopment Project, 5.00%, 6/15/33 | \$ 2,185 | \$ 2,406,319 |
| New Jersey Educational Facilities Authority, RB: | | |

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| | | |
|--|--------|------------|
| Montclair State University, Series A (AMBAC), 5.00%, 7/01/21 | 1,200 | 1,317,636 |
| Montclair State University, Series A (AMBAC), 5.00%, 7/01/22 | 2,880 | 3,152,534 |
| Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31 | 2,625 | 2,772,236 |
| Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (b) | 3,260 | 3,325,135 |
| Rowan University, Series C (NPFGC), 5.13%, 7/01/14 (b) | 3,615 | 3,689,107 |
| New Jersey Educational Facilities Authority, Refunding RB: | | |
| College of New Jersey, Series D (AGM), 5.00%, 7/01/35 | 9,740 | 10,253,103 |
| Montclair State University, Series J (NPFGC), 4.25%, 7/01/30 | 3,775 | 3,790,364 |
| New Jersey Institute of Technology, Series H, 5.00%, 7/01/31 | 3,000 | 3,173,430 |
| Ramapo College, Series B, 5.00%, 7/01/37 | 845 | 884,546 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/31 | 1,250 | 1,256,275 |
| Seton Hall University, Series D, 5.00%, 7/01/38 | 360 | 380,761 |
| Seton Hall University, Series D, 5.00%, 7/01/43 | 430 | 444,672 |
| Stevens Institute of Technology, Series A, 5.00%, 7/01/27 | 2,800 | 2,867,844 |
| Stevens Institute of Technology, Series A, 5.00%, 7/01/34 | 900 | 912,078 |
| William Paterson University Series C (AGC), 4.75%, 7/01/34 | 4,000 | 4,116,960 |
| William Paterson University, Series C (AGC), 5.00%, 7/01/28 | 250 | 270,330 |
| New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series 1A, AMT: | | |
| 4.00%, 12/01/23 | 200 | 198,878 |
| 3.75%, 12/01/26 | 1,890 | 1,756,660 |
| 4.00%, 12/01/28 | 1,790 | 1,684,408 |
| 4.50%, 12/01/28 | 3,380 | 3,401,869 |
| 4.00%, 12/01/29 | 710 | 656,303 |
| 4.50%, 12/01/29 | 4,150 | 4,135,807 |
| 4.63%, 12/01/30 | 4,080 | 4,079,755 |
| 4.00%, 12/01/31 | 1,335 | 1,207,508 |
| 4.13%, 12/01/35 | 710 | 627,200 |
| New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT: | | |
| 5.38%, 12/01/24 | 1,500 | 1,576,035 |
| 5.50%, 12/01/25 | 2,500 | 2,614,200 |
| New Jersey Institute of Technology, RB, Series A, 5.00%, 7/01/42 | 5,045 | 5,248,616 |
| Rutgers - The State University of New Jersey, Refunding RB, Series L: | | |
| 5.00%, 5/01/30 | 1,100 | 1,231,208 |
| 5.00%, 5/01/43 | 7,150 | 7,640,776 |
| University of Medicine & Dentistry of New Jersey, COP (NPFGC), 5.00%, 6/15/14 (b) | 2,000 | 2,035,720 |
| | | 83,108,273 |
| Health 20.2% | | |
| New Jersey Health Care Facilities Financing Authority, RB: | | |
| Greystone Park Psychiatric Hospital (AMBAC), 5.00%, 9/15/15 (b) | 10,775 | 11,602,951 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Health (concluded) | | |
| New Jersey Health Care Facilities Financing Authority, RB (concluded): | | |
| Meridian Health System Obligated Group, Series I (AGC), 5.00%, 7/01/38 | \$ 730 | \$ 750,039 |
| Meridian Health System Obligated Group, Series II (AGC), 5.00%, 7/01/38 | 6,150 | 6,318,818 |
| Meridian Health System Obligated Group, Series V (AGC), 5.00%, 7/01/38 | 3,835 | 3,940,271 |
| Robert Wood Johnson University Hospital, Series A, 5.50%, 7/01/43 | 4,885 | 5,167,988 |
| Virtua Health, Series A (AGC), 5.50%, 7/01/38 | 3,035 | 3,176,370 |
| New Jersey Health Care Facilities Financing Authority, Refunding RB: | | |
| 5.00%, 7/01/28 | 2,130 | 2,292,050 |
| 5.00%, 7/01/29 | 510 | 547,077 |
| 5.50%, 7/01/31 | 2,880 | 3,106,858 |
| AHS Hospital Corp., 6.00%, 7/01/41 | 3,080 | 3,503,592 |
| Catholic Health East Issue, 5.00%, 11/15/33 | 1,375 | 1,420,430 |
| Hackensack University Medical (AGC), 5.13%, 1/01/27 | 1,500 | 1,582,830 |
| Hackensack University Medical (AGM), 4.63%, 1/01/30 | 5,480 | 5,592,066 |
| Kennedy Health System, 5.00%, 7/01/42 | 360 | 362,689 |
| Meridian Health System Obligated Group, 5.00%, 7/01/25 | 700 | 765,282 |
| Meridian Health System Obligated Group, 5.00%, 7/01/26 | 1,590 | 1,717,979 |
| St. Barnabas Health Care System, Series A, 5.00%, 7/01/24 | 1,820 | 1,953,879 |
| St. Barnabas Health Care System, Series A, 5.63%, 7/01/32 | 4,010 | 4,247,553 |
| St. Barnabas Health Care System, Series A, 5.63%, 7/01/37 | 3,560 | 3,711,976 |
| St. Barnabas Health, Series A, 4.00%, 7/01/26 | 1,740 | 1,689,331 |
| St. Luke s Warren Hospital Obligated Group, 5.00%, 8/15/34 | 740 | 758,034 |
| St. Luke s Warren Hospital Obligated Group, 4.00%, 8/15/37 | 440 | 385,594 |
| | | 64,593,657 |
| Housing 9.5% | | |
| New Jersey Housing & Mortgage Finance Agency, RB: | | |
| Capital Fund Program, Series A (AGM), 5.00%, 5/01/27 | 4,800 | 5,058,816 |
| Capital Fund Program, Series A (AGM) (HUD), 4.70%, 11/01/25 | 6,120 | 6,350,418 |
| M/F Housing, Series A, 4.55%, 11/01/43 | 3,575 | 3,450,447 |
| M/F Housing, Series A, AMT (NPFGC), 4.85%, 11/01/39 | 935 | 882,444 |
| S/F Housing, Series B, 4.50%, 10/01/30 | 6,920 | 7,123,102 |
| New Jersey Housing & Mortgage Finance Agency, Refunding RB, AMT: | | |
| M/F Housing, Series 2, 4.60%, 11/01/38 | 3,420 | 3,116,372 |
| M/F Housing, Series 2, 4.75%, 11/01/46 | 3,015 | 2,674,999 |
| S/F Housing, Series T, 4.70%, 10/01/37 | 630 | 631,430 |
| New Jersey State Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.50%, 10/01/38 | 1,115 | 1,123,050 |
| | | 30,411,078 |
| State 32.3% | | |
| Garden State Preservation Trust, RB: | | |
| CAB, Series B (AGM), 0.00%, 11/01/23 (c) | 9,000 | 6,642,090 |
| CAB, Series B (AGM), 0.00%, 11/01/25 (c) | 10,000 | 6,669,700 |
| Election of 2005, Series A (AGM), 5.80%, 11/01/15 (b) | 1,960 | 2,147,866 |
| Election of 2005, Series A (AGM), 5.80%, 11/01/15 (b) | 2,730 | 2,991,670 |
| | Par (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| State (concluded) | | |
| Garden State Preservation Trust, Refunding RB, Series C (AGM): | | |
| 5.25%, 11/01/20 | \$ 5,000 | \$ 6,054,300 |
| 5.25%, 11/01/21 | 7,705 | 9,333,837 |
| New Jersey EDA, RB: | | |
| Cigarette Tax (Radian), 5.50%, 6/15/14 (b) | 585 | 596,671 |

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| | | |
|---|--------|-------------|
| Cigarette Tax (Radian), 5.75%, 6/15/14 (b) | 1,180 | 1,204,638 |
| Cigarette Tax (Radian), 5.75%, 6/15/14 (b) | 2,000 | 2,041,760 |
| Liberty State Park Project, Series C, 5.00%, 3/01/22 | 2,670 | 2,787,400 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/24 | 1,785 | 2,068,369 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25 | 4,000 | 4,595,160 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/26 | 7,500 | 8,572,425 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33 | 11,105 | 11,288,344 |
| School Facilities Construction (AGC), 6.00%, 12/15/18 (b) | 945 | 1,163,219 |
| School Facilities Construction (AGC), 6.00%, 12/15/34 | 1,855 | 2,099,341 |
| School Facilities Construction, Series L (AGM), 5.00%, 3/01/15 (b) | 9,000 | 9,468,990 |
| School Facilities Construction, Series O, 5.25%, 3/01/15 (b) | 1,420 | 1,497,518 |
| School Facilities Construction, Series U, 5.00%, 9/01/37 | 5,000 | 5,234,150 |
| School Facilities Construction, Series U (AMBAC), 5.00%, 9/01/37 | 2,000 | 2,093,660 |
| School Facilities Construction, Series Y, 5.00%, 9/01/33 | 3,000 | 3,118,170 |
| New Jersey EDA, Refunding RB: | | |
| Cigarette Tax, 5.00%, 6/15/26 | 895 | 943,652 |
| Cigarette Tax, 5.00%, 6/15/28 | 1,520 | 1,587,549 |
| Cigarette Tax, 5.00%, 6/15/29 | 2,000 | 2,071,840 |
| School Facilities Construction, Series N-1 (NPFGC), 5.50%, 9/01/27 | 1,000 | 1,171,290 |
| School Facilities Construction, Series NN, 5.00%, 3/01/29 | 4,500 | 4,871,835 |
| State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/27 | 1,080 | 1,164,208 |
| | | 103,479,652 |
| Transportation 27.8% | | |
| Delaware River Port Authority, RB, Series D (AGM), 5.00%, 1/01/40 | 3,700 | 3,839,786 |
| Delaware River Port Authority, RB: | | |
| 5.00%, 1/01/29 | 1,250 | 1,372,938 |
| 5.00%, 1/01/37 | 4,465 | 4,718,701 |
| Delaware River Port Authority, Refunding RB, Port District Project: | | |
| 5.00%, 1/01/26 | 1,745 | 1,789,096 |
| 5.00%, 1/01/27 | 1,300 | 1,315,808 |
| New Jersey EDA, RB, The Goethals Bridge Replacement Project, AMT: | | |
| 5.13%, 1/01/34 | 1,630 | 1,631,809 |
| 5.38%, 1/01/43 | 5,495 | 5,530,443 |
| New Jersey State Turnpike Authority, RB, Growth & Income Securities, Series B (AMBAC), 0.00%, 1/01/35 (d) | 7,615 | 7,345,201 |
| New Jersey State Turnpike Authority, Refunding RB: | | |
| Series A (AGM), 5.25%, 1/01/26 | 4,900 | 5,766,173 |
| Series A (AGM), 5.25%, 1/01/29 | 2,000 | 2,317,900 |
| Series A (AGM), 5.25%, 1/01/30 | 4,000 | 4,635,720 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| New Jersey (concluded) | | |
| Transportation (concluded) | | |
| New Jersey State Turnpike Authority, Refunding RB (concluded): | | |
| Series A (BHAC), 5.25%, 1/01/29 | \$ 500 | \$ 589,480 |
| Series C (NPFGC), 6.50%, 1/01/16 (e) | 255 | 285,087 |
| Series C (NPFGC), 6.50%, 1/01/16 (e) | 1,535 | 1,628,389 |
| Series C (NPFGC), 6.50%, 1/01/16 (e) | 305 | 340,987 |
| Series C (NPFGC), 6.50%, 1/01/16 | 605 | 672,736 |
| New Jersey Transportation Trust Fund Authority, RB: | | |
| CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/36 (c) | 7,210 | 2,025,001 |
| CAB, Transportation System, Series A, 0.00%, 12/15/35 (c) | 6,000 | 1,846,980 |
| CAB, Transportation System, Series C (AGM), 0.00%, 12/15/32 (c) | 4,050 | 1,517,454 |
| CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 (c) | 1,400 | 422,786 |
| Transportation Program, Series AA, 5.00%, 6/15/33 | 4,300 | 4,528,072 |
| Transportation System, Series A, 6.00%, 6/15/35 | 4,365 | 5,004,342 |
| Transportation System, Series A (NPFGC), 5.75%, 6/15/24 | 1,205 | 1,460,111 |
| Transportation System, Series A (AGC), 5.63%, 12/15/28 | 2,000 | 2,291,060 |
| Transportation System, Series AA, 5.25%, 6/15/33 | 4,050 | 4,392,792 |
| Transportation System, Series B, 5.50%, 6/15/31 | 1,425 | 1,564,051 |
| Transportation System, Series B, 5.25%, 6/15/36 | 1,775 | 1,887,393 |
| Port Authority of New York & New Jersey, Refunding RB, AMT, 5.00%, 12/01/33 | 2,850 | 3,006,094 |
| Port Authority of New York & New Jersey, ARB, Special Project JFK International Air Terminal LLC Project, AMT (NPFGC): | | |
| Series 6, 5.75%, 12/01/25 | 3,000 | 3,013,920 |
| Series 6, 6.25%, 12/01/15 | 1,500 | 1,570,305 |
| Series 8, 6.00%, 12/01/42 | 2,500 | 2,706,100 |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 152nd Series, AMT, 5.75%, 11/01/30 | 5,175 | 5,690,896 |
| South Jersey Transportation Authority, Refunding RB, Transportation System, Series A: 5.00%, 11/01/28 | 1,025 | 1,089,093 |
| 5.00%, 11/01/29 | 1,025 | 1,079,089 |
| | | 88,875,793 |
| Utilities 4.4% | | |
| County of Essex New Jersey Utilities Authority, Refunding RB, (AGC), 4.13%, 4/01/22 | 2,000 | 2,088,160 |
| North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 | 4,335 | 5,210,757 |
| Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (c): | | |
| 0.00%, 9/01/28 | 6,600 | 3,429,426 |
| 0.00%, 9/01/29 | 6,900 | 3,381,207 |
| | | 14,109,550 |
| Total Municipal Bonds in New Jersey | | 452,473,026 |
| Guam 1.0% | | |
| State 1.0% | | |
| Territory of Guam, RB, Business Privilege Tax Bonds: | | |
| Series A, 5.25%, 1/01/36 | 305 | 315,767 |
| Series A, 5.13%, 1/01/42 | 2,500 | 2,557,850 |
| Series B-1, 5.00%, 1/01/37 | 395 | 403,267 |
| | | 3,276,884 |
| Municipal Bonds | Par (000) | Value |
| Puerto Rico 0.5% | | |
| Health 0.5% | | |
| Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Hospital De La Concepcion, Series A, 6.50%, 11/15/20 | \$ 1,750 | \$ 1,758,890 |

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| | | | |
|--|---------------|---------------|----------------|
| Total Municipal Bonds | 143.0% | | 457,508,800 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (f) | | | |
| New Jersey | 19.4% | | |
| County/City/Special District/School District | 4.1% | | |
| County of Union New Jersey Utilities Authority, Refunding LRB, Resource Recovery Facility, Covanta Union, Inc., Series A, AMT, 5.25%, 12/01/31 | | 12,370 | 12,992,706 |
| Education | 0.3% | | |
| Rutgers - The State University of New Jersey, RB, Series F, 5.00%, 5/01/39 | | 990 | 1,058,967 |
| State | 5.1% | | |
| Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28 | | 9,160 | 11,216,695 |
| New Jersey EDA, Refunding RB, 5.00%, 3/01/29 (g) | | 4,780 | 5,175,256 |
| | | | 16,391,951 |
| Transportation | 9.9% | | |
| New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (g) | | 5,200 | 5,450,848 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (g) | | 1,900 | 2,020,746 |
| Port Authority of New York & New Jersey, ARB, Consolidated, 163rd Series, AMT, 5.00%, 7/15/39 | | 11,456 | 12,095,549 |
| Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT, 5.00%, 10/15/41 | | 5,500 | 5,650,480 |
| Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.25%, 11/01/35 | | 5,998 | 6,401,390 |
| | | | 31,619,013 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts | 19.4% | | 62,062,637 |
| Total Long-Term Investments | | | |
| (Cost \$498,526,736) | 162.4% | | 519,571,437 |
| Short-Term Securities | | | |
| | | Shares | |
| BIF New Jersey Municipal Money Fund, 0.00% (h)(i) | | 3,993,620 | 3,993,620 |
| Total Short-Term Securities | | | 3,993,620 |
| (Cost \$3,993,620) | 1.3% | | |
| Total Investments (Cost \$502,520,356) | 163.7% | | 523,565,057 |
| Other Assets Less Liabilities | 1.1% | | 3,723,482 |
| Liability for TOB Trust Certificates, Including Interest | | | |
| Expense and Fees Payable (10.8)% | | | (34,705,889) |
| VRDP Shares, at Liquidation Value (54.0)% | | | (172,700,000) |
| Net Assets Applicable to Common Shares | 100.0% | | \$ 319,882,650 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings New Jersey Quality Fund, Inc.
(MUJ)**Notes to Schedule of Investments**

- (a) Variable rate security. Rate shown is as of report date.
- (b) US 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) Zero-coupon bond.
- (d) Represents a step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate shown is as of report date.
- (e) Security is collateralized by municipal or US Treasury obligations.
- (f) Represent bonds transferred to a TOB. In exchange for which the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction. See Note 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.
- (g) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from June 15, 2019 to September 1, 2020 is \$8,818,272.
- (h) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2014, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at January 31, 2014 | Income |
|-------------------------------------|------------------------------------|-----------------|---------------------------------------|--------|
| BIF New Jersey Municipal Money Fund | 7,170,770 | (3,177,150) | 3,993,620 | \$ 16 |

- (i) Represents the current yield as of report date.

Financial futures contracts outstanding as of January 31, 2014 were as follows:

| Contracts Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|----------------|--------------------------|------------------------|------------|-------------------|----------------------------|
| (110) | 10-Year US Treasury Note | Chicago Board of Trade | March 2014 | \$ 13,832,500 | \$ (122,165) |

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For Fund compliance purposes, the Fund's sector classifications refer to any 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 investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure 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 the Fund has the ability to access

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 the 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.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to Note 2 of the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 519,571,437 | | \$ 519,571,437 |
| Short-Term Securities | \$ 3,993,620 | | | 3,993,620 |
| Total | \$ 3,993,620 | \$ 519,571,437 | | \$ 523,565,057 |

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

| | Level 1 | Level 2 | Level 3 | Total |
|---|--------------|---------|---------|--------------|
| Derivative Financial Instruments ² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (122,165) | | | \$ (122,165) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

See Notes to Financial Statements.

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Schedule of Investments (concluded)

BlackRock MuniHoldings New Jersey Quality Fund, Inc.
(MUJ)

The carrying amount for certain of the Fund's assets and/or liabilities approximates fair value for financial statement purposes. As of January 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|-------------------|-------------------------|---------|-------------------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 173,000 | | | \$ 173,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (34,699,311) | | (34,699,311) |
| VRDP Shares | | (172,700,000) | | (172,700,000) |
| Total | \$ 173,000 | \$ (207,399,311) | | \$ (207,226,311) |

There were no transfers between levels during the six months ended January 31, 2014.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** January 31, 2014 (Unaudited)**BlackRock MuniYield Investment Quality Fund (MFT)**

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| Alabama 4.9% | | |
| City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC): | | |
| 6.13%, 6/01/34 | \$ 1,500 | \$ 1,699,995 |
| 6.00%, 6/01/39 | 2,985 | 3,371,140 |
| City of Madison Alabama, GO, Refunding, 5.00%, 4/01/37 | 375 | 394,691 |
| City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35 | 350 | 352,082 |
| | | 5,817,908 |
| California 21.2% | | |
| California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/38 | | |
| | 1,960 | 2,155,843 |
| California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42 | | |
| | 1,150 | 1,321,856 |
| California State Public Works Board, LRB: | | |
| Department of Corrections and Rehabilitation, Series F, 5.25%, 9/01/33 | | |
| | 490 | 527,823 |
| Various Capital Projects, Series I, 5.50%, 11/01/31 | | |
| | 1,000 | 1,117,490 |
| City & County of San Francisco California Airports Commission, Refunding ARB, 2nd Series A, AMT: | | |
| 5.50%, 5/01/28 | 720 | 799,826 |
| 5.25%, 5/01/33 | 560 | 595,375 |
| City of San Jose California, Refunding ARB, Series A-1, AMT: | | |
| 5.50%, 3/01/30 | 1,600 | 1,727,264 |
| 6.25%, 3/01/34 | 1,250 | 1,407,313 |
| County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/41 | | |
| | 1,400 | 1,550,150 |
| Kern Community College District, GO, Safety, Repair & Improvement, Election of 2002, Series C, 5.50%, 11/01/33 | | |
| | 970 | 1,105,790 |
| Los Angeles Community College District California, GO, Election of 2001, Series A (NPFGC), 5.00%, 8/01/32 | | |
| | 2,780 | 2,978,659 |
| Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/34 | | |
| | 1,000 | 1,079,560 |
| San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC), 5.38%, 8/01/34 | | |
| | 1,020 | 1,133,883 |
| State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39 | | |
| | 3,450 | 3,817,736 |
| University of California, Refunding RB: | | |
| Limited Project, Series G, 5.00%, 5/15/37 (a) | | |
| | 1,000 | 1,069,900 |
| The Regents of Medical Center, Series J, 5.25%, 5/15/38 | | |
| | 2,235 | 2,383,695 |
| Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/40 | | |
| | 370 | 407,858 |
| | | 25,180,021 |
| Colorado 2.1% | | |
| City & County of Denver Colorado Airport System, ARB, Series A, AMT: | | |
| 5.50%, 11/15/28 | 500 | 543,740 |
| 5.50%, 11/15/30 | 225 | 242,087 |
| 5.50%, 11/15/31 | 270 | 288,519 |
| Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%, 5/15/26 | | |
| | 1,300 | 1,454,869 |
| | | 2,529,215 |
| Florida 13.9% | | |
| City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33 | | |
| | 270 | 293,884 |
| County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport, Series A, AMT, 5.50%, 10/01/29 | | |
| | 1,170 | 1,264,630 |
| Municipal Bonds | | |
| Florida (concluded) | | |
| County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32 | | |
| | \$ 1,000 | \$ 1,040,800 |
| County of Manatee Florida Housing Finance Authority, RB, Series A, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 5.90%, 9/01/40 | | |
| | 155 | 158,230 |

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| | | |
|--|-------|------------|
| County of Miami-Dade Florida, RB, Seaport: | | |
| Series A, 6.00%, 10/01/38 | 1,840 | 2,055,814 |
| Series A, 5.50%, 10/01/42 | 2,125 | 2,264,209 |
| Series B, AMT, 6.00%, 10/01/26 | 590 | 667,237 |
| Series B, AMT, 6.00%, 10/01/27 | 775 | 867,194 |
| Series B, AMT, 6.25%, 10/01/38 | 310 | 345,176 |
| Series B, AMT, 6.00%, 10/01/42 | 410 | 447,002 |
| County of Miami-Dade Florida, Refunding RB: | | |
| Seaport, Series D, AMT, 6.00%, 10/01/26 | 735 | 831,219 |
| Transit System Sales Surtax, 5.00%, 7/01/42 | 1,165 | 1,202,921 |
| Water & Sewer System, Series B, 5.25%, 10/01/29 | 1,890 | 2,093,742 |
| County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31 | 2,165 | 2,218,410 |
| Reedy Creek Improvement District, GO, Series A, 5.25%, 6/01/32 | 710 | 774,475 |
| | | 16,524,943 |
| Hawaii 1.0% | | |
| State of Hawaii Department of Transportation, COP, AMT: | | |
| 5.25%, 8/01/25 | 250 | 271,975 |
| 5.25%, 8/01/26 | 810 | 877,992 |
| | | 1,149,967 |
| Illinois 19.5% | | |
| City of Chicago Illinois, GARB, O Hare International Airport 3rd Lien: | | |
| Series A, 5.75%, 1/01/39 | 770 | 815,376 |
| Series C, 6.50%, 1/01/41 | 3,680 | 4,192,808 |
| City of Chicago Illinois, Refunding RB, Sales Tax, Series A, 5.25%, 1/01/38 | 525 | 544,588 |
| City of Chicago Illinois Transit Authority, RB: | | |
| Federal Transit Administration, Section 5309, Series A (AGC), 6.00%, 6/01/26 | 1,400 | 1,529,640 |
| Sales Tax Receipts, 5.25%, 12/01/36 | 425 | 442,969 |
| Sales Tax Receipts, 5.25%, 12/01/40 | 2,355 | 2,424,896 |
| City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration, Section 5309 (AGM), 5.00%, 6/01/28 | 3,000 | 3,118,560 |
| City of Chicago Illinois Wastewater Transmission, RB, 2nd Lien, 5.00%, 1/01/42 | 1,375 | 1,382,081 |
| County of Cook Illinois Community College District No. 508, GO, City College of Chicago: | | |
| 5.50%, 12/01/38 | 1,000 | 1,073,760 |
| 5.25%, 12/01/43 | 2,700 | 2,787,750 |
| Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41 | 1,555 | 1,699,584 |
| Railsplitter Tobacco Settlement Authority, RB: | | |
| 5.50%, 6/01/23 | 940 | 1,051,982 |
| 6.00%, 6/01/28 | 270 | 299,484 |
| State of Illinois, GO, Various Purposes: | | |
| 5.50%, 7/01/33 | 1,500 | 1,591,575 |
| 5.50%, 7/01/38 | 280 | 291,682 |
| | | 23,246,735 |
| Indiana 4.1% | | |
| Indiana Finance Authority, RB, Ohio River Bridges East End Crossing Project, Series A, AMT, 5.00%, 7/01/40 | | |
| | 375 | 355,823 |
| Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38 | | |
| | 4,310 | 4,581,961 |
| | | 4,937,784 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|------------|
| Municipal Bonds | | |
| Louisiana 2.8% | | |
| City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC): | | |
| Series A-1, 6.00%, 1/01/23 | \$ 375 | \$ 425,325 |
| Series A-2, 6.00%, 1/01/23 | 160 | 181,472 |
| Lake Charles Harbor & Terminal District, RB, Series B, AMT, 5.50%, 1/01/29 | 1,000 | 1,083,410 |
| Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A: | | |
| 5.50%, 5/15/28 | 755 | 786,785 |
| 5.50%, 5/15/29 | 805 | 836,162 |
| | | 3,313,154 |
| Massachusetts 1.6% | | |
| Massachusetts HFA, Refunding RB, Series C, AMT, 5.35%, 12/01/42 | 1,910 | 1,929,253 |
| Michigan 5.5% | | |
| City of Detroit Michigan, RB, Water Supply System, 2nd Lien, Series B (AGM), 6.25%, 7/01/36 | 1,800 | 1,822,590 |
| City of Detroit Michigan, Refunding RB, Sewage Disposal System Senior Lien: | | |
| Series B (AGM), 7.50%, 7/01/33 | 660 | 703,435 |
| Series C-1 (AGM), 7.00%, 7/01/27 | 2,285 | 2,431,011 |
| Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, Series V, 8.25%, 9/01/39 | 1,265 | 1,536,874 |
| | | 6,493,910 |
| Minnesota 2.9% | | |
| City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38 | 3,000 | 3,457,200 |
| Mississippi 1.5% | | |
| Mississippi Development Bank, RB, Special Obligation, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40 | 1,190 | 1,480,907 |
| Mississippi State University Educational Building Corp., Refunding RB, Mississippi State University Improvement Project, 5.25%, 8/01/38 | 260 | 284,188 |
| | | 1,765,095 |
| Nevada 4.4% | | |
| County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 7/01/39 | 2,375 | 2,480,331 |
| County of Clark Nevada, GO, Limited Tax, 5.00%, 6/01/38 | 1,000 | 1,034,310 |
| County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 7/01/34 | 1,500 | 1,678,695 |
| | | 5,193,336 |
| New Jersey 6.5% | | |
| New Jersey EDA, RB: | | |
| The Goethals Bridge Replacement Project, AMT, 5.38%, 1/01/43 | 1,000 | 1,006,450 |
| The Goethals Bridge Replacement Project, AMT, 5.00%, 1/01/31 | 530 | 536,180 |
| School Facilities Construction (AGC), 6.00%, 12/15/18 (a) | 330 | 406,204 |
| School Facilities Construction (AGC), 6.00%, 12/15/34 | 670 | 758,252 |
| New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 7/01/38 | 1,400 | 1,465,212 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System: | | |
| Series A, 5.50%, 6/15/41 | 1,195 | 1,270,739 |
| Series AA, 5.50%, 6/15/39 | 1,600 | 1,739,024 |
| | | 7,785,251 |
| Municipal Bonds | | |
| New Jersey (concluded) | | |
| Rutgers - The State University of New Jersey, Refunding RB, Series J, 5.00%, 5/01/32 | \$ 545 | \$ 603,190 |
| | | 7,785,251 |
| New York 7.4% | | |

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| | | |
|--|-------|-----------|
| City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series FF-2, 5.50%, 6/15/40 | 1,545 | 1,663,702 |
| City of New York New York Transitional Finance Authority Building Aid, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29 | 2,000 | 2,293,680 |
| New York State Thruway Authority, Refunding RB, General, Series G (AGM), 5.00%, 1/01/32 | 2,000 | 2,081,680 |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 7/15/36 | 2,500 | 2,745,325 |
| | | 8,784,387 |
| Ohio 1.9% | | |
| Ohio State Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1: 5.25%, 2/15/30 | 585 | 646,074 |
| 5.25%, 2/15/31 | 1,500 | 1,647,000 |
| | | 2,293,074 |
| Pennsylvania 2.7% | | |
| Pennsylvania Higher Educational Facilities Authority, RB, Temple University, 1st Series, 5.00%, 4/01/42 | 1,000 | 1,037,950 |
| Pennsylvania Turnpike Commission, RB, Sub-Series A, 6.00%, 12/01/41 | 2,000 | 2,170,120 |
| | | 3,208,070 |
| South Carolina 5.0% | | |
| County of Charleston South Carolina, RB, Special Source, Series 2013, 5.25%, 12/01/38 | 1,470 | 1,610,576 |
| County of Charleston South Carolina Airport District, ARB, Series A, AMT: 5.50%, 7/01/26 | 1,810 | 2,008,521 |
| 6.00%, 7/01/38 | 1,155 | 1,261,710 |
| 5.50%, 7/01/41 | 1,000 | 1,057,150 |
| | | 5,937,957 |
| Texas 19.5% | | |
| Austin Community College District Public Facility Corp., RB, Educational Facilities Project, Round Rock Campus, 5.25%, 8/01/33 | 2,250 | 2,439,990 |
| City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37 | 930 | 1,022,981 |
| City of Houston Texas Utility System, Refunding RB, Combined 1st Lien, Series A (AGC): 6.00%, 11/15/35 | 2,700 | 3,086,640 |
| 6.00%, 11/15/36 | 2,055 | 2,355,749 |
| 5.38%, 11/15/38 | 1,000 | 1,076,750 |
| County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC), 6.50%, 7/01/37 | 1,100 | 1,215,918 |
| Dallas-Fort Worth International Airport, ARB, Joint Improvement, Series H, AMT, 5.00%, 11/01/37 | 980 | 985,557 |
| Dallas-Fort Worth International Airport, Refunding RB, Joint Revenue, Series E, 5.50%, 11/01/27 | 2,500 | 2,733,900 |
| Frisco Texas ISD, GO, School Building (AGC), 5.50%, 8/15/41 | 1,210 | 1,401,265 |
| Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33 | 730 | 797,036 |
| North Texas Tollway Authority, RB, Special Projects, Series A, 5.50%, 9/01/41 | 2,750 | 3,000,525 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| Texas (concluded) | | |
| North Texas Tollway Authority, Refunding RB, 1st Tier: (AGM), 6.00%, 1/01/43 | \$ 1,000 | \$ 1,093,230 |
| Series K-1 (AGC), 5.75%, 1/01/38 | 1,400 | 1,550,430 |
| Red River Education Financing Corp., RB, Texas Christian University Project, 5.25%, 3/15/38 | 420 | 460,114 |
| | | 23,220,085 |
| Virginia 1.4% | | |
| City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43 | 380 | 404,229 |
| Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 (b) | 1,000 | 1,255,880 |
| | | 1,660,109 |
| Washington 1.6% | | |
| City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36 | 1,000 | 1,089,030 |
| State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36 | 725 | 792,345 |
| Total Municipal Bonds in Washington | | 1,881,375 |
| Total Municipal Bonds 131.4% | | 156,308,829 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| Alabama 1.3% | | |
| City of Mobile Alabama Board of Water & Sewer Commissioners, RB (NPFGC), 5.00%, 1/01/31 | 1,500 | 1,568,580 |
| District of Columbia 0.7% | | |
| District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 6.00%, 10/01/35 (d) | 760 | 854,235 |
| Florida 2.6% | | |
| County of Hillsborough Florida Aviation Authority, ARB, Tempa International Airport, Series A, AMT (AGC), 5.50%, 10/01/38 | 2,499 | 2,712,478 |
| County of Lee Florida Housing Finance Authority, RB, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40 | 315 | 328,595 |
| | | 3,041,073 |
| Kentucky 1.0% | | |
| Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27 | 1,002 | 1,125,616 |
| Nevada 7.7% | | |
| County of Clark Nevada Water Reclamation District, GO: Limited Tax, 6.00%, 7/01/38 | 2,010 | 2,287,521 |
| Series B, 5.50%, 7/01/29 | 1,994 | 2,314,428 |
| Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28 | 4,200 | 4,601,352 |
| | | 9,203,301 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (c) | | |
| New Jersey 2.3% | | |
| New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29 | \$ 1,610 | \$ 1,692,723 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (d) | 1,000 | 1,063,551 |
| | | 2,756,274 |
| New York 12.7% | | |
| City of New York New York Municipal Water Finance Authority, RB, Water & Sewer System, 2nd General Resolution, Series FF-2, 5.50%, 6/15/40 | 1,095 | 1,178,957 |
| 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 | 2,999 | 3,183,060 |

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| | | |
|---|-------|-------------|
| City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39 | 1,000 | 1,076,985 |
| Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (d) | 1,000 | 1,080,502 |
| New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43 | 3,000 | 3,190,530 |
| New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 (d) | 1,770 | 1,909,051 |
| New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/38 | 3,250 | 3,470,447 |
| | | 15,089,532 |
| Texas 2.4% | | |
| City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/31 (d) | 2,609 | 2,903,380 |
| Utah 0.9% | | |
| City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41 | 1,004 | 1,036,680 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 31.6% | | 37,578,671 |
| Total Long-Term Investments (Cost \$183,307,101) 163.0% | | 193,887,500 |

| | Shares | |
|--|---------|----------------|
| Short-Term Securities | | |
| FFI Institutional Tax-Exempt Fund, 0.03% (e)(f) | 761,559 | 761,559 |
| Total Short-Term Securities (Cost \$761,559) 0.6% | | 761,559 |
| Total Investments (Cost \$184,068,660) 163.6% | | 194,649,059 |
| Other Assets Less Liabilities 1.0% | | 1,167,176 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (17.1)% | | (20,338,717) |
| VMTP Shares, at Liquidation Value (47.5)% | | (56,500,000) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 118,977,518 |

Notes to Schedule of Investments

(a) When-issued security. Unsettled when-issued transactions were as follows:

| | Value | Unrealized Appreciation |
|--------------------------------|--------------|-------------------------|
| Counterparty | | |
| Citigroup Global Markets, Inc. | \$ 1,069,900 | \$ 68,669 |

(b) US 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. In exchange for which the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction. See Note 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield Investment Quality Fund (MFT)**

(d) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from October 1, 2016 to November 15, 2019 is \$4,647,054.

(e) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2014, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at January 31, 2014 | Income |
|-----------------------------------|---|-------------------------|--|---------------|
| FFI Institutional Tax-Exempt Fund | 8,162,312 | (7,400,753) | 761,559 | \$ 311 |

(f) Represents the current yield as of report date.

Financial futures contracts outstanding as of January 31, 2014 were as follows:

| Contracts Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|-----------------------|--------------------------|------------------------|-------------------|---------------------------|------------------------------------|
| (110) | 10-Year US Treasury Note | Chicago Board of Trade | March 2014 | \$ 13,832,500 | \$ (58,458) |

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure 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 the Fund has the ability to access

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 the 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.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to Note 2 of the Notes to Financial Statements.

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The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|-------------------|-----------------------|---------|-----------------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 193,887,500 | | \$ 193,887,500 |
| Short-Term Securities | \$ 761,559 | | | 761,559 |
| Total | \$ 761,559 | \$ 193,887,500 | | \$ 194,649,059 |

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

| | Level 1 | Level 2 | Level 3 | Total |
|---|-------------|---------|---------|-------------|
| Derivative Financial Instruments² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (58,458) | | | \$ (58,458) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

The carrying amount for certain of the Fund's assets and/or liabilities approximates fair value for financial statement purposes. As of January 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|-------------------|------------------------|---------|------------------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 169,000 | | | \$ 169,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (20,333,757) | | (20,333,757) |
| VMTP Shares | | (56,500,000) | | (56,500,000) |
| Total | \$ 169,000 | \$ (76,833,757) | | \$ (76,664,757) |

There were no transfers between levels during the six months ended January 31, 2014.

See Notes to Financial Statements.

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Schedule of Investments January 31, 2014 (Unaudited)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|---------------|
| Municipal Bonds | | |
| Michigan 141.6% | | |
| Corporate 5.1% | | |
| County of Monroe EDC Michigan, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 9/01/22 | \$ 10,695 | \$ 13,504,791 |
| County/City/Special District/School District 33.8% | | |
| Adrian City School District, GO, (AGM) (a): | | |
| 5.00%, 5/01/14 | 2,000 | 2,024,200 |
| 5.00%, 5/01/14 | 1,600 | 1,619,360 |
| Anchor Bay School District, GO, Refunding (Q-SBLF): | | |
| 4.13%, 5/01/25 | 1,275 | 1,337,271 |
| 4.25%, 5/01/26 | 1,800 | 1,886,526 |
| 4.38%, 5/01/27 | 960 | 1,003,738 |
| 4.50%, 5/01/29 | 900 | 936,657 |
| Bay City School District Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/36 | 2,800 | 2,910,992 |
| Birmingham City School District Michigan, GO, School Building & Site (AGM), 5.00%, 11/01/14 (a) | 1,000 | 1,036,130 |
| Charter Township of Canton Michigan, GO, Capital Improvement (AGM): | | |
| 5.00%, 4/01/25 | 1,840 | 2,019,731 |
| 5.00%, 4/01/26 | 2,000 | 2,203,280 |
| 5.00%, 4/01/27 | 500 | 537,780 |
| Chippewa Valley Schools, GO, Refunding, Unlimited Tax (Q-SBLF), 5.00%, 5/01/32 | 1,970 | 2,113,061 |
| City of Oak Park Michigan, GO, Street Improvement (NPFGC), 5.00%, 5/01/30 | 500 | 523,880 |
| Comstock Park Public Schools, GO, School Building & Site, Series B (Q-SBLF): | | |
| 5.50%, 5/01/36 | 750 | 805,013 |
| 5.50%, 5/01/41 | 1,355 | 1,438,793 |
| County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/19 | 600 | 620,940 |
| Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC), 5.50%, 5/01/39 | 3,300 | 3,476,187 |
| Dearborn School District, GO, Series A (Q-SBLF) (b): | | |
| 5.00%, 5/01/32 | 930 | 984,377 |
| 5.00%, 5/01/33 | 990 | 1,043,044 |
| 5.00%, 5/01/34 | 745 | 782,496 |
| Eaton Rapids Public Schools, GO, School Building & Site (AGM), 5.25%, 5/01/14 (a) | 1,675 | 1,696,306 |
| Flint EDC, RB, Michigan Department of Human Services Office Building Project, 5.25%, 10/01/41 | 3,070 | 3,106,472 |
| Fraser Public School District Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/25 | 2,000 | 2,080,240 |
| Gibraltar School District Michigan, GO, School Building & Site Improvement (NPFGC) (Q-SBLF) (a): | | |
| 5.00%, 5/01/14 | 2,940 | 2,975,574 |
| 5.00%, 5/01/14 | 710 | 718,591 |
| Goodrich Area School District Michigan, GO, School Building & Site (Q-SBLF): | | |
| 5.50%, 5/01/32 | 600 | 650,616 |
| 5.50%, 5/01/36 | 1,200 | 1,288,020 |
| 5.50%, 5/01/41 | 1,575 | 1,672,398 |
| Harper Creek Community School District Michigan, GO, Refunding, (AGM) (Q-SBLF), 5.00%, 5/01/22 | 1,125 | 1,170,135 |
| Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41 | 4,100 | 4,290,732 |
| L Anse Creuse Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF): | | |
| 5.00%, 5/01/24 | 1,000 | 1,040,120 |
| 5.00%, 5/01/25 | 1,525 | 1,586,183 |
| 5.00%, 5/01/26 | 1,600 | 1,664,192 |
| 5.00%, 5/01/35 | 3,000 | 3,098,670 |
| | Par (000) | Value |
| Municipal Bonds | | |
| Michigan (continued) | | |
| County/City/Special District/School District (concluded) | | |
| Lincoln Consolidated School District Michigan, GO, Refunding (NPFGC) (Q-SBLF), 4.63%, 5/01/28 | \$ 5,000 | \$ 5,076,000 |

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| | | |
|--|--------|------------|
| Livonia Public Schools School District Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/14 (a) | 1,000 | 1,012,100 |
| Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43 | 3,090 | 3,154,025 |
| Montrose Community Schools, GO (NPFGC), 6.20%, 5/01/17 | 830 | 898,458 |
| Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/25 | 1,000 | 1,084,770 |
| Pennfield School District, GO, School Building & Site (NPFGC) (a): | | |
| 5.00%, 5/01/14 | 605 | 612,321 |
| 5.00%, 5/01/14 | 765 | 774,257 |
| Plymouth-Canton Community School District, GO, School Building & Site, Series A, 4.00%, 5/01/32 | 1,700 | 1,701,853 |
| Reed City Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/14 (a) | 1,425 | 1,442,271 |
| Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM) (Q-SBLF): | | |
| 4.13%, 5/01/25 | 850 | 892,253 |
| 4.25%, 5/01/26 | 1,200 | 1,261,080 |
| 4.25%, 5/01/27 | 1,200 | 1,249,860 |
| 4.50%, 5/01/29 | 1,025 | 1,070,920 |
| Southfield Public Schools Michigan, GO, School Building & Site, Series B (AGM) (Q-SBLF), 5.00%, 5/01/14 (a) | 2,000 | 2,024,200 |
| Thornapple Kellogg School District Michigan, GO, Refunding, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/32 | 2,500 | 2,622,425 |
| Troy School District, GO (Q-SBLF), 5.00%, 5/01/28 | 1,240 | 1,374,081 |
| Van Dyke Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/28 | 1,250 | 1,345,187 |
| Walled Lake Consolidated School District, GO, (Q-SBLF): | | |
| 5.00%, 5/01/37 | 1,770 | 1,860,518 |
| 5.00%, 5/01/40 | 1,630 | 1,697,563 |
| Zeeland Public Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/14 (a) | 1,600 | 1,619,360 |
| | | 89,115,207 |
| Education 19.5% | | |
| Grand Valley State University, RB, (NPFGC), 5.50%, 2/01/18 | 1,445 | 1,546,685 |
| Michigan Higher Education Facilities Authority, RB, Limited Obligation, Hillsdale College Project, 5.00%, 3/01/35 | 1,720 | 1,720,344 |
| Michigan State University, Refunding RB, General: | | |
| Series A, 5.00%, 8/15/41 | 4,980 | 5,270,334 |
| Series C, 5.00%, 2/15/40 | 4,700 | 4,865,675 |
| Michigan Technological University, Refunding RB, Series A, 5.00%, 10/01/34 | 1,650 | 1,714,829 |
| Oakland University, RB, General, Series A: | | |
| 5.00%, 3/01/38 | 8,485 | 8,791,733 |
| 5.00%, 3/01/43 | 13,865 | 14,220,637 |
| Saginaw Valley State University Michigan, Refunding RB, General (NPFGC): | | |
| 5.00%, 7/01/14 (a) | 1,935 | 1,973,913 |
| 5.00%, 7/01/24 | 165 | 167,892 |
| Wayne State University, RB, Series A: | | |
| 5.00%, 11/15/40 | 2,000 | 2,071,920 |
| 4.00%, 11/15/44 | 620 | 528,420 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|--------------|
| Municipal Bonds | | |
| Michigan (continued) | | |
| Education (concluded) | | |
| Western Michigan University, Refunding RB, General University and College Improvements: | | |
| 5.25%, 11/15/40 | \$ 2,100 | \$ 2,217,915 |
| 5.25%, 11/15/43 | 4,505 | 4,643,754 |
| (AGM), 5.25%, 11/15/33 | 620 | 659,475 |
| (AGM), 5.00%, 11/15/39 | 1,085 | 1,119,687 |
| | | 51,513,213 |
| Health 24.6% | | |
| Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36 | 4,750 | 4,898,295 |
| Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29 | 4,500 | 4,762,440 |
| Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36 | 1,550 | 1,564,152 |
| Michigan Finance Authority, Refunding RB: | | |
| Hospital, Oakwood Obligated Group, 5.00%, 8/15/31 | 1,745 | 1,778,120 |
| Trinity Health Credit Group, 5.00%, 12/01/31 | 3,100 | 3,234,447 |
| Trinity Health Credit Group, 5.00%, 12/01/35 | 4,100 | 4,209,306 |
| Trinity Health Credit Group, 5.00%, 12/01/39 | 3,350 | 3,410,601 |
| Michigan State Hospital Finance Authority, RB: | | |
| Ascension Health Senior Credit Group, 5.00%, 11/15/25 | 3,700 | 4,067,299 |
| McLaren Health Care, Series C, 5.00%, 8/01/35 | 1,000 | 1,007,030 |
| MidMichigan Obligated Group, Series A, 5.00%, 4/15/26 | 620 | 630,720 |
| MidMichigan Obligated Group, Series A, 5.00%, 4/15/36 | 3,550 | 3,554,863 |
| Michigan State Hospital Finance Authority, Refunding RB: | | |
| Henry Ford Health System, Series A, 5.25%, 11/15/46 | 2,500 | 2,456,700 |
| Hospital, Oakwood Obligated Group, 5.00%, 11/01/32 | 4,000 | 4,062,040 |
| Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/21 | 600 | 651,828 |
| Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/25 | 3,260 | 3,354,573 |
| Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/37 | 630 | 625,685 |
| Hospital, Sparrow Obligated Group, 5.00%, 11/15/31 | 3,100 | 3,122,103 |
| McLaren Health Care, Series A, 5.00%, 6/01/35 | 1,390 | 1,429,003 |
| McLaren Health Care, Series A, 5.75%, 5/15/38 | 4,500 | 4,947,075 |
| Trinity Health Credit Group, Series A, 6.25%, 12/01/28 | 930 | 1,067,863 |
| Trinity Health Credit, Series A, 6.50%, 12/01/33 | 1,000 | 1,148,770 |
| Trinity Health Credit Group, Series C, 4.00%, 12/01/32 | 4,460 | 4,162,875 |
| Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital: | | |
| Series V, 8.25%, 9/01/39 | 1,000 | 1,214,920 |
| Series W, 6.00%, 8/01/39 | 925 | 981,767 |
| State of Michigan Hospital Finance Authority, Refunding RB, Henry Ford Health, 5.75%, 11/15/39 | 1,965 | 2,024,186 |
| Sturgis Building Authority, RB, Sturgis Hospital Project (NPFGC), 4.75%, 10/01/34 | 475 | 475,185 |
| | | 64,841,846 |
| Housing 8.8% | | |
| Michigan State HDA, RB: | | |
| Deaconess Tower, AMT (Ginnie Mae), 5.25%, 2/20/48 | 1,000 | 1,010,320 |
| Series A, 4.75%, 12/01/25 | 4,235 | 4,422,568 |
| | Par | Value |
| | (000) | |
| Municipal Bonds | | |
| Michigan (continued) | | |
| Housing (concluded) | | |
| Michigan State HDA, RB (concluded): | | |
| Williams Pavilion, AMT (Ginnie Mae), 4.75%, 4/20/37 | \$ 3,660 | \$ 3,654,656 |
| Michigan State HDA, Refunding RB: | | |
| Rental Housing, Series D, 4.50%, 10/01/48 | 9,715 | 8,941,589 |
| Series A, 6.05%, 10/01/41 | 4,825 | 5,036,625 |

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| | | |
|--|--------|------------|
| | | 23,065,758 |
| State 15.1% | | |
| Michigan State Building Authority, Refunding RB: | | |
| 5.00%, 10/15/31 | 1,000 | 1,043,080 |
| Facilities Program, Series I, 6.25%, 10/15/38 | 3,900 | 4,444,947 |
| Facilities Program, Series I (AGC), 5.25%, 10/15/24 | 4,000 | 4,499,520 |
| Facilities Program, Series I (AGC), 5.25%, 10/15/25 | 2,000 | 2,204,700 |
| Facilities Program, Series I (AGC), 5.25%, 10/15/26 | 600 | 655,704 |
| Facilities Program, Series I-A, 5.50%, 10/15/45 | 1,250 | 1,326,363 |
| Facilities Program, Series II (AGM), 5.00%, 10/15/26 | 4,500 | 4,780,305 |
| Michigan State Finance Authority, RB, Local Government Loan Program, Series F: | | |
| 5.00%, 4/01/31 | 1,000 | 1,022,290 |
| 5.25%, 10/01/41 | 6,085 | 6,238,890 |
| Michigan Strategic Fund, Refunding RB, Cadillac Place Office Building Project, 5.25%, 10/15/31 | 4,350 | 4,565,934 |
| State of Michigan, COP (AMBAC), 0.00%, 6/01/22 (c)(d) | 3,000 | 2,398,380 |
| State of Michigan Trunk Line Fund, RB: | | |
| 5.00%, 11/15/29 | 1,000 | 1,089,340 |
| 5.00%, 11/15/33 | 1,850 | 1,967,567 |
| 5.00%, 11/15/36 | 3,500 | 3,710,420 |
| | | 39,947,440 |
| Transportation 15.1% | | |
| State of Michigan, RB, GAB (AGM), 5.25%, 9/15/27 | 5,250 | 5,818,155 |
| Wayne County Airport Authority, RB, Detroit Metropolitan Wayne County Airport, AMT (NPFGC): | | |
| 5.25%, 12/01/25 | 7,525 | 7,944,820 |
| 5.25%, 12/01/26 | 6,300 | 6,651,477 |
| 5.00%, 12/01/34 | 4,435 | 4,411,982 |
| Wayne County Airport Authority, Refunding RB, AMT (AGC): | | |
| 5.75%, 12/01/25 | 4,000 | 4,514,360 |
| 5.75%, 12/01/26 | 1,000 | 1,128,590 |
| 5.38%, 12/01/32 | 8,700 | 9,371,292 |
| | | 39,840,676 |
| Utilities 19.6% | | |
| City of Detroit Michigan, RB, Water Supply System, 2nd Lien, Series B (AGM), 7.00%, 7/01/36 | 3,000 | 3,149,790 |
| City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39 | 1,645 | 1,518,022 |
| City of Detroit Michigan Water Supply System, RB, Senior Lien, Series A (NPFGC), 5.00%, 7/01/34 | 6,000 | 5,496,780 |
| City of Detroit Michigan Water Supply System, Refunding RB, 2nd Lien, Series C (AGM), 5.00%, 7/01/29 | 10,470 | 9,982,412 |
| City of Grand Rapids Michigan Sanitary Sewer System, RB: | | |
| 5.00%, 1/01/37 | 930 | 999,862 |
| 4.00%, 1/01/42 | 1,700 | 1,591,251 |
| (NPFGC), 5.00%, 7/01/14 (a) | 11,385 | 11,613,952 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| Michigan (concluded) | | |
| Utilities (concluded) | | |
| City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: | | |
| 5.00%, 7/01/27 | \$ 1,970 | \$ 2,165,562 |
| 5.00%, 7/01/31 | 4,230 | 4,566,623 |
| 5.00%, 7/01/37 | 2,065 | 2,197,697 |
| 5.50%, 7/01/41 | 3,000 | 3,268,140 |
| City of Port Huron Michigan, RB, Water Supply System: | | |
| 5.25%, 10/01/31 | 310 | 324,300 |
| 5.63%, 10/01/40 | 1,000 | 1,052,320 |
| County of Genesee Michigan, GO, Water Supply System (NPFGC), 5.13%, 11/01/33 | 1,000 | 1,000,400 |
| Michigan Municipal Bond Authority, RB, State Clean Water Revolving Fund: | | |
| 5.00%, 10/01/27 | 1,250 | 1,346,863 |
| Pooled Project, 5.00%, 10/01/27 | 1,240 | 1,417,369 |
| | | 51,691,343 |
| Total Municipal Bonds in Michigan | | 373,520,274 |
| Guam 1.9% | | |
| State 1.9% | | |
| Territory of Guam, RB: | | |
| Business Privilege Tax Bonds, Series A, 5.25%, 1/01/36 | 500 | 517,650 |
| Business Privilege Tax Bonds, Series A, 5.13%, 1/01/42 | 2,300 | 2,353,222 |
| Business Privilege Tax Bonds, Series B-1, 5.00%, 1/01/37 | 665 | 678,919 |
| Section 30, Series A, 5.63%, 12/01/29 | 1,400 | 1,471,134 |
| | | 5,020,925 |
| Total Municipal Bonds 143.5% | | 378,541,199 |
| Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts (e) | | |
| Michigan 17.4% | | |
| County/City/Special District/School District 4.5% | | |
| Lakewood Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/37 | 6,470 | 6,997,111 |
| Municipal Bonds Transferred to | | |
| Tender Option Bond Trusts (e) | | |
| Michigan (concluded) | | |
| County/City/Special District/School District (concluded) | | |
| Portage Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/31 | \$ 4,650 | \$ 4,880,826 |
| | | 11,877,937 |
| Education 12.8% | | |
| Michigan State University, Refunding RB, General, Series A, 5.00%, 8/15/38 | 6,220 | 6,642,960 |
| Saginaw Valley State University, Refunding RB, General (AGM), 5.00%, 7/01/31 | 7,500 | 7,949,175 |
| Wayne State University, RB, General, Series A, 5.00%, 11/15/40 | 6,190 | 6,412,592 |
| Wayne State University, Refunding RB, General (AGM), 5.00%, 11/15/35 | 12,207 | 12,839,074 |
| | | 33,843,801 |
| Health 0.1% | | |
| Michigan Finance Authority, RB, Hospital, Trinity Health Credit Group, 5.00%, 12/01/39 | 190 | 193,437 |
| Total Municipal Bonds Transferred to | | 45,915,175 |

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Tender Option Bond Trusts 17.4%

Total Long-Term Investments

(Cost \$412,858,591) 160.9% 424,456,374

Short-Term Securities

Shares

BIF Michigan Municipal Money Fund, 0.00% (f)(g) 616,654 616,654

Total Short-Term Securities

(Cost \$616,654) 0.2% 616,654

Total Investments (Cost \$413,475,245) 161.1% 425,073,028

Other Assets Less Liabilities 2.6% 6,886,096

Liability for TOB Trust Certificates, Including

Interest Expense and Fees Payable (8.9)% (23,491,214)

VRDP Shares, at Liquidation Value (54.8)% (144,600,000)

Net Assets Applicable to Common Shares 100.0% \$ 263,867,910

Notes to Schedule of Investments

(a) US 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. Unsettled when-issued transactions were as follows:

| Counterparty | Value | Unrealized Appreciation |
|-----------------------------|--------------|-------------------------|
| Stifel Nicolaus & Co., Inc. | \$ 2,809,917 | \$ 31,727 |

(c) Security is collateralized by municipal or US Treasury obligations.

(d) Zero-coupon bond.

(e) Represent bonds transferred to a TOB. In exchange for which the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction. See Note 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

(f) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2014, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at January 31, 2014 | Income |
|-----------------------------------|------------------------------|--------------|---------------------------------|--------|
| BIF Michigan Municipal Money Fund | 479,667 | 136,987 | 616,654 | |

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)**

(g) Represents the current yield as of report date.

Financial futures contracts outstanding as of January 31, 2014 were as follows:

| Contracts Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|----------------|--------------------------|------------------------|------------|----------------|-------------------------|
| (90) | 10-Year US Treasury Note | Chicago Board of Trade | March 2014 | \$ 11,317,500 | \$ (99,953) |

For Fund compliance purposes, the Fund's sector classifications refer to any 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 investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure 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 the Fund has the ability to access

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 the 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.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to Note 2 of the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 424,456,374 | | \$ 424,456,374 |
| Short-Term Securities | \$ 616,654 | | | 616,654 |

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| | | | |
|--------------|------------|----------------|----------------|
| Total | \$ 616,654 | \$ 424,456,374 | \$ 425,073,028 |
|--------------|------------|----------------|----------------|

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

| | Level 1 | Level 2 | Level 3 | Total |
|---|----------------|----------------|----------------|--------------|
| Derivative Financial Instruments² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (99,953) | | | \$ (99,953) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

The carrying amount for certain of the Fund's assets and/or liabilities approximates fair value for financial statement purposes. As of January 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|----------------|------------------|----------------|------------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 145,000 | | | \$ 145,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (23,487,000) | | (23,487,000) |
| VRDP Shares | | (144,600,000) | | (144,600,000) |
| Total | \$ 145,000 | \$ (168,087,000) | | \$ (167,942,000) |

There were no transfers between levels during the six months ended January 31, 2014.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** January 31, 2014 (Unaudited)**BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)**

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| New Jersey 131.1% | | |
| Corporate 5.6% | | |
| New Jersey EDA, Refunding RB: | | |
| New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39 | \$ 5,000 | \$ 5,340,650 |
| New Jersey American Water Co., Inc. Project, Series B, AMT, 5.60%, 11/01/34 | 1,000 | 1,075,520 |
| United Water of New Jersey, Inc., Series B (AMBAC), 4.50%, 11/01/25 | 1,000 | 1,046,150 |
| | | 7,462,320 |
| County/City/Special District/School District 16.3% | | |
| Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33 | 750 | 764,565 |
| City of Perth Amboy New Jersey, GO, Refunding, CAB (AGM), 5.00%, 7/01/35 | 1,250 | 1,282,275 |
| County of Essex New Jersey Improvement Authority, Refunding RB, AMT (NPFGC), 4.75%, 11/01/32 | 1,000 | 1,011,570 |
| County of Hudson New Jersey, COP, Refunding (NPFGC), 6.25%, 12/01/16 | 1,000 | 1,132,590 |
| County of Hudson New Jersey Improvement Authority, RB: | | |
| CAB, Series A-1 (NPFGC), 0.00%, 12/15/32 (a) | 1,000 | 404,050 |
| County Secured, County Services Building Project (AGM), 5.00%, 4/01/27 | 250 | 267,700 |
| Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39 | 1,000 | 1,052,520 |
| Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44 | 1,400 | 1,473,612 |
| County of Monmouth New Jersey Improvement Authority, Refunding RB, Governmental Loan (AMBAC): | | |
| 5.20%, 12/01/14 | 5 | 5,018 |
| 5.25%, 12/01/15 | 5 | 5,018 |
| 5.00%, 12/01/17 | 5 | 5,014 |
| 5.00%, 12/01/18 | 5 | 5,013 |
| 5.00%, 12/01/19 | 5 | 5,011 |
| County of Union New Jersey, GO, Refunding: | | |
| 4.00%, 3/01/29 | 1,060 | 1,091,630 |
| 4.00%, 3/01/30 | 1,060 | 1,084,942 |
| 4.00%, 3/01/31 | 1,200 | 1,219,980 |
| County of Union New Jersey Utilities Authority, Refunding RB, Series A: | | |
| Resources Recovery Facility, Covanta Union, Inc., AMT, 5.25%, 12/01/31 | 200 | 210,068 |
| Solid Waste System, County Deficiency Agreement, 5.00%, 6/15/41 | 2,155 | 2,277,232 |
| Edgewater Borough Board of Education, GO, Refunding (AGM): | | |
| 4.25%, 3/01/34 | 300 | 310,728 |
| 4.25%, 3/01/35 | 300 | 308,742 |
| 4.30%, 3/01/36 | 300 | 308,037 |
| New Jersey Sports & Exposition Authority, Refunding RB, (NPFGC): | | |
| 5.50%, 3/01/22 | 1,050 | 1,210,198 |
| 5.50%, 3/01/21 | 1,540 | 1,774,018 |
| New Jersey State Transit Corp., COP, Federal Transit Administration Grants, Subordinate, Series A (AGM) (NPFGC), 5.00%, 9/15/21 | 1,000 | 1,067,350 |
| Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37 | 3,600 | 3,274,380 |
| | | 21,551,261 |
| Education 26.9% | | |
| New Jersey EDA, LRB, Rutgers - The State University of New Jersey, College Avenue Redevelopment Project, 5.00%, 6/15/33 | 880 | 969,135 |
| | Par (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Education (concluded) | | |
| New Jersey Educational Facilities Authority, RB: | | |
| Montclair State University, Series A (AMBAC), 5.00%, 7/01/21 | \$ 1,600 | \$ 1,756,848 |
| Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (b) | 1,185 | 1,208,676 |
| New Jersey Educational Facilities Authority, Refunding RB: | | |
| College of New Jersey, Series D (AGM), 5.00%, 7/01/35 | 3,805 | 4,005,448 |
| Montclair State University, Series J (NPFGC), 4.25%, 7/01/30 | 2,765 | 2,776,254 |

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| | | |
|--|-------|------------|
| New Jersey Institute of Technology, Series H, 5.00%, 7/01/31 | 1,000 | 1,057,810 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/31 | 1,250 | 1,256,275 |
| Ramapo College, Series I (AMBAC), 4.25%, 7/01/36 | 2,790 | 2,777,919 |
| Rowan University, Series B (AGC), 5.00%, 7/01/26 | 2,575 | 2,842,259 |
| Seton Hall University, Series D, 5.00%, 7/01/38 | 140 | 148,074 |
| Seton Hall University, Series D, 5.00%, 7/01/43 | 170 | 175,800 |
| Stevens Institute of Technology, Series A, 5.00%, 7/01/34 | 1,500 | 1,520,130 |
| William Paterson University, Series C (AGC), 4.75%, 7/01/34 | 1,115 | 1,147,603 |
| New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series 1A, AMT: | | |
| 3.75%, 12/01/26 | 760 | 706,382 |
| 4.00%, 12/01/28 | 710 | 668,117 |
| 4.50%, 12/01/28 | 1,170 | 1,177,570 |
| 4.00%, 12/01/29 | 290 | 268,067 |
| 4.50%, 12/01/29 | 1,550 | 1,544,699 |
| 4.63%, 12/01/30 | 1,475 | 1,474,912 |
| 4.00%, 12/01/31 | 290 | 262,305 |
| 4.13%, 12/01/35 | 290 | 256,180 |
| New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT, | | |
| 5.50%, 12/01/26 | 1,800 | 1,878,444 |
| New Jersey Institute of Technology, RB, Series A, 5.00%, 7/01/42 | 1,900 | 1,976,684 |
| Rutgers - The State University of New Jersey, Refunding RB, Series L: | | |
| 5.00%, 5/01/30 | 465 | 520,465 |
| 5.00%, 5/01/43 | 2,850 | 3,045,624 |
| | | 35,421,680 |
| Health 15.0% | | |
| New Jersey Health Care Facilities Financing Authority, RB: | | |
| Meridian Health System Obligated Group, Series I (AGC), 5.00%, 7/01/38 | 715 | 734,627 |
| Meridian Health System Obligated Group, Series II (AGC), 5.00%, 7/01/38 | 980 | 1,006,901 |
| Meridian Health System Obligated Group, Series V (AGC), 5.00%, 7/01/38 | 950 | 976,077 |
| Robert Wood Johnson University Hospital, Series A, 5.50%, 7/01/43 | 2,220 | 2,348,604 |
| Virtua Health, Series A (AGC), 5.50%, 7/01/38 | 1,000 | 1,046,580 |
| New Jersey Health Care Facilities Financing Authority, Refunding RB: | | |
| 5.00%, 7/01/28 | 870 | 936,190 |
| 5.00%, 7/01/29 | 205 | 219,903 |
| 5.50%, 7/01/31 | 1,175 | 1,267,555 |
| AHS Hospital Corp., 6.00%, 7/01/41 | 1,100 | 1,251,283 |
| Catholic Health East Issue, 5.00%, 11/15/33 | 550 | 568,172 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|----------------------|--------------|
| Municipal Bonds | | |
| New Jersey (continued) | | |
| Health (concluded) | | |
| New Jersey Health Care Facilities Financing Authority, Refunding RB (concluded): | | |
| Hackensack University Medical (AGM), 4.63%, 1/01/30 | \$ 2,315 | \$ 2,362,342 |
| Kennedy Health System, 5.00%, 7/01/42 | 140 | 141,046 |
| Meridian Health System Obligated Group, 5.00%, 7/01/25 | 300 | 327,978 |
| Meridian Health System Obligated Group, 5.00%, 7/01/26 | 2,130 | 2,301,444 |
| St. Barnabas Health Care System, Series A, 5.00%, 7/01/24 | 1,820 | 1,953,879 |
| St. Barnabas Health Care System, Series A, 5.63%, 7/01/32 | 440 | 466,066 |
| St. Barnabas Health Care System, Series A, 5.63%, 7/01/37 | 1,300 | 1,355,497 |
| St. Luke s Warren Hospital Obligated Group, 5.00%, 8/15/34 | 300 | 307,311 |
| St. Luke s Warren Hospital Obligated Group, 4.00%, 8/15/37 | 180 | 157,743 |
| | | 19,729,198 |
| Housing 10.0% | | |
| New Jersey Housing & Mortgage Finance Agency, RB: | | |
| Capital Fund Program, Series A (AGM), 5.00%, 5/01/27 | 1,970 | 2,076,222 |
| Capital Fund Program, Series A (AGM) (HUD), 4.70%, 11/01/25 | 2,475 | 2,568,184 |
| M/F Housing, Series A, 4.55%, 11/01/43 | 1,425 | 1,375,353 |
| M/F Housing, Series A, AMT (NPFGC), 4.90%, 11/01/35 | 820 | 820,189 |
| M/F Housing, Series A, AMT (NPFGC), 4.85%, 11/01/39 | 400 | 377,516 |
| S/F Housing, Series B, 4.50%, 10/01/30 | 2,765 | 2,846,153 |
| New Jersey Housing & Mortgage Finance Agency, Refunding RB, AMT: | | |
| M/F Housing, Series 2, 4.60%, 11/01/38 | 1,370 | 1,248,371 |
| M/F Housing, Series 2, 4.75%, 11/01/46 | 1,205 | 1,069,112 |
| S/F Housing, Series T, 4.70%, 10/01/37 | 445 | 446,010 |
| New Jersey State Housing & Mortgage Finance Agency, RB, S/F Housing, Series AA, 6.50%, 10/01/38 | 370 | 372,671 |
| | | 13,199,781 |
| State 25.7% | | |
| Garden State Preservation Trust, RB (AGM): | | |
| CAB, Series B, 0.00%, 11/01/23 (a) | 6,725 | 4,963,117 |
| Election of 2005, Series A, 5.80%, 11/01/15 (b) | 2,605 | 2,854,689 |
| New Jersey EDA, RB: | | |
| CAB, Motor Vehicle Surcharge, Series A (NPFGC), 0.00%, 7/01/21 (a) | 2,325 | 1,789,041 |
| Cigarette Tax (Radian), 5.50%, 6/15/14 (b) | 225 | 229,489 |
| Cigarette Tax (Radian), 5.75%, 6/15/14 (b) | 785 | 801,391 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25 | 1,000 | 1,148,790 |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33 | 8,500 | 8,640,335 |
| Motor Vehicle Surcharges, Series A (NPFGC), 5.00%, 7/01/29 | 3,500 | 3,550,715 |
| School Facilities Construction (AGC), 6.00%, 12/15/18 (b) | 375 | 461,595 |
| School Facilities Construction (AGC), 6.00%, 12/15/34 | 825 | 933,669 |
| School Facilities Construction, Series KK, 5.00%, 3/01/38 | 630 | 654,929 |
| | Par (000) | Value |
| Municipal Bonds | | |
| New Jersey (continued) | | |
| State (concluded) | | |
| New Jersey EDA, RB (concluded): | | |
| School Facilities Construction, Series U, 5.00%, 9/01/37 | \$ 3,000 | \$ 3,140,490 |
| School Facilities Construction, Series U (AMBAC), 5.00%, 9/01/37 | 1,000 | 1,046,830 |
| New Jersey EDA, Refunding RB: | | |
| Cigarette Tax, 5.00%, 6/15/26 | 355 | 374,298 |
| Cigarette Tax, 5.00%, 6/15/28 | 910 | 950,440 |
| Cigarette Tax, 5.00%, 6/15/29 | 1,195 | 1,237,925 |
| School Facilities Construction, Series NN, 5.00%, 3/01/29 | 500 | 541,315 |
| State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/27 | 500 | 538,985 |

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| | | 33,858,043 |
|---|-------|------------|
| Transportation 25.7% | | |
| Delaware River Port Authority, RB: | | |
| 5.00%, 1/01/29 | 750 | 823,763 |
| 5.00%, 1/01/37 | 2,865 | 3,027,789 |
| Series D, 5.05%, 1/01/35 | 1,430 | 1,507,592 |
| Series D (AGM), 5.00%, 1/01/40 | 1,500 | 1,556,670 |
| Delaware River Port Authority, Refunding RB, Port District Project: | | |
| 5.00%, 1/01/26 | 700 | 717,689 |
| 5.00%, 1/01/27 | 525 | 531,384 |
| New Jersey EDA, RB, The Goethals Bridge Replacement Project, AMT: | | |
| 5.13%, 1/01/34 | 660 | 660,733 |
| 5.38%, 1/01/43 | 2,235 | 2,249,416 |
| New Jersey State Turnpike Authority, RB, Growth & Income Securities, Series B (AMBAC), 5.15%, 1/01/35 (c) | 3,005 | 2,898,533 |
| New Jersey State Turnpike Authority, Refunding RB, Series A (AGM), 5.25%, 1/01/29 | 2,000 | 2,317,900 |
| New Jersey Transportation Trust Fund Authority, RB: | | |
| CAB, Transportation System, Series C (AGM), 0.00%, 12/15/32 (a) | 4,750 | 1,779,730 |
| CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 (a) | 2,760 | 833,492 |
| Transportation Program, Series AA, 5.00%, 6/15/33 | 1,700 | 1,790,168 |
| Transportation System, Series AA, 5.25%, 6/15/33 | 1,640 | 1,778,810 |
| Transportation System, Series A, 6.00%, 6/15/35 | 2,000 | 2,292,940 |
| Transportation System, Series A (AGC), 5.63%, 12/15/28 | 780 | 893,513 |
| Transportation System, Series B, 5.50%, 6/15/31 | 730 | 801,233 |
| Transportation System, Series B, 5.25%, 6/15/36 | 725 | 770,907 |
| Port Authority of New York & New Jersey, ARB: | | |
| Consolidated, 93rd Series, 6.13%, 6/01/94 | 1,000 | 1,130,390 |
| Special Project, JFK International Air Terminal LLC Project, Special Project, Series 8, 6.00%, 12/01/42 | 1,500 | 1,623,660 |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 152nd Series, AMT, 5.75%, 11/01/30 | 2,000 | 2,199,380 |
| Port Authority of New York & New Jersey, Refunding RB, AMT, 5.00%, 12/01/33 | 1,155 | 1,218,259 |
| South Jersey Transportation Authority, Refunding RB, Transportation System, Series A: | | |
| 5.00%, 11/01/28 | 200 | 212,506 |
| 5.00%, 11/01/29 | 200 | 210,554 |
| | | 33,827,011 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|--------------|--------------|
| Municipal Bonds | | |
| New Jersey (concluded) | | |
| Utilities 5.9% | | |
| County of Essex New Jersey Utilities Authority, Refunding RB, (AGC), 4.13%, 4/01/22 | \$ 1,000 | \$ 1,044,080 |
| North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 (d) | 1,710 | 2,055,454 |
| Rahway Valley Sewerage Authority, RB, CAB Series A (NPFGC) (a): | | |
| 0.00%, 9/01/26 | 4,100 | 2,392,514 |
| 0.00%, 9/01/29 | 2,750 | 1,347,583 |
| 0.00%, 9/01/33 | 2,350 | 907,241 |
| | | 7,746,872 |
| Total Municipal Bonds in New Jersey | | 172,796,166 |
| Guam 1.5% | | |
| State 1.5% | | |
| Territory of Guam, RB, Business Privilege Tax Bonds: | | |
| Series A, 5.25%, 1/01/36 | 120 | 124,236 |
| Series A, 5.13%, 1/01/42 | 1,600 | 1,637,023 |
| Series B-1, 5.00%, 1/01/37 | 155 | 158,244 |
| | | 1,919,503 |
| Puerto Rico 3.2% | | |
| Health 3.2% | | |
| Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Hospital De La Concepcion, Series A, 6.13%, 11/15/30 | | |
| | 4,220 | 4,236,205 |
| Total Municipal Bonds 135.8% | | 178,951,874 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | | |
| New Jersey 24.0% | | |
| County/City/Special District/School District 3.9% | | |
| County of Union New Jersey Utilities Authority, Refunding LRB, Resource Recovery Facility, Covanta Union, Inc., Series A, AMT, 5.25%, 12/01/31 | | |
| | 4,930 | 5,178,176 |
| Education 3.3% | | |
| Rutgers - The State University of New Jersey, RB, Series F, 5.00%, 5/01/39 | | |
| | 4,003 | 4,284,002 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | | |
| New Jersey (concluded) | | |
| State 4.7% | | |
| Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28 | \$ 3,300 | \$ 4,040,949 |
| New Jersey EDA, Refunding RB, 5.00%, 3/01/29 (f) | 1,918 | 2,076,592 |
| | | 6,117,541 |
| Transportation 12.1% | | |
| New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (f) | | |
| | 4,100 | 4,297,784 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (f) | | |
| | 760 | 808,299 |
| Port Authority of New York & New Jersey, ARB, Consolidated, 163rd Series, AMT, 5.00%, 7/15/39 | 4,089 | 4,316,823 |
| Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT, 5.00%, 10/15/41 | 4,500 | 4,623,120 |
| Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.25%, 11/01/35 | 1,829 | 1,952,424 |
| | | 15,998,450 |
| | | 31,578,169 |

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| | | |
|--|---------------|-----------------------|
| Total Municipal Bonds Transferred to Tender Option Bond Trusts | | 24.0% |
| Total Long-Term Investments | | 210,530,043 |
| (Cost \$203,307,333) | | 159.8% |
| | | |
| Short-Term Securities | Shares | |
| BIF New Jersey Municipal Money Fund, 0.00% (g)(h) | 2,305,318 | 2,305,318 |
| Total Short-Term Securities | | 2,305,318 |
| (Cost \$2,305,318) | | 1.7% |
| Total Investments (Cost \$205,612,651) | | 161.5% |
| Other Assets Less Liabilities | | 1.1% |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable | | (13.7)% |
| VRDP Shares, at Liquidation Value | | (48.9)% |
| Net Assets Applicable to Common Shares | | 100.0% |
| | | \$ 131,785,744 |

Notes to Schedule of Investments

- (a) Zero-coupon bond.

- (b) US 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) Represents a step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate shown is as of report date.

- (d) Security is collateralized by municipal or US Treasury obligations.

- (e) Represent bonds transferred to a TOB. In exchange for which the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction. See Note 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

- (f) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from June 15, 2019 to September 1, 2020 is \$5,098,359.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI)**

(g) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2014, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at January 31, 2014 | Income |
|-------------------------------------|---|-------------------------|--|---------------|
| BIF New Jersey Municipal Money Fund | 3,764,692 | (1,459,374) | 2,305,318 | \$ 7 |

(h) Represents the current yield as of report date.

Financial futures contracts outstanding as of January 31, 2014 were as follows:

| Contracts Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|-----------------------|--------------------------|------------------------|-------------------|---------------------------|------------------------------------|
| (50) | 10-Year US Treasury Note | Chicago Board of Trade | March 2014 | \$ 6,287,500 | \$ (55,529) |

For Fund compliance purposes, the Fund's sector classifications refer to any 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 investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure 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 the Fund has the ability to access

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 the 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.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to Note 2 of the Notes to Financial Statements.

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The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|---------------------|-----------------------|---------|-----------------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 210,530,043 | | \$ 210,530,043 |
| Short-Term Securities | \$ 2,305,318 | | | 2,305,318 |
| Total | \$ 2,305,318 | \$ 210,530,043 | | \$ 212,835,361 |

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

| | Level 1 | Level 2 | Level 3 | Total |
|---|-------------|---------|---------|-------------|
| Derivative Financial Instruments ² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (55,529) | | | \$ (55,529) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

The carrying amount of certain of the Fund's assets and/or liabilities approximates fair value for financial statement purposes. As of January 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|------------------|------------------------|---------|------------------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 80,000 | | | \$ 80,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (18,044,269) | | (18,044,269) |
| VRDP Shares | | (64,400,000) | | (64,400,000) |
| Total | \$ 80,000 | \$ (82,444,269) | | \$ (82,364,269) |

There were no transfers between levels during the six months ended January 31, 2014.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** January 31, 2014 (Unaudited)**BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|----------------------|--------------|
| Municipal Bonds | | |
| Pennsylvania 117.8% | | |
| Corporate 11.2% | | |
| County of Beaver IDA, Refunding RB, First Energy, Nuclear Energy Corp. Project, Mandatory Put Bonds, Series A, 3.38%, 1/01/35 (a) | \$ 1,200 | \$ 1,225,464 |
| County of Delaware Pennsylvania IDA, Refunding RB, Water Facilities, Aqua Pennsylvania, Inc. Project, Series B, AMT (NPFGC), 5.00%, 11/01/36 | 2,520 | 2,545,024 |
| County of Northumberland Pennsylvania IDA, Refunding RB, Aqua Pennsylvania, Inc. Project, AMT (NPFGC), 5.05%, 10/01/39 | 4,500 | 4,514,040 |
| Pennsylvania Economic Development Financing Authority, RB: | | |
| American Water Co. Project, 6.20%, 4/01/39 | 1,300 | 1,424,215 |
| Aqua Pennsylvania, Inc. Project, Series B, 4.50%, 12/01/42 | 2,630 | 2,629,842 |
| Waste Management, Inc. Project, Series A, AMT, 5.10%, 10/01/27 | 1,200 | 1,229,508 |
| Pennsylvania Economic Development Financing Authority, Refunding RB, Amtrak Project, Series A, AMT, 5.00%, 11/01/41 | 5,865 | 5,838,373 |
| | | 19,406,466 |
| County/City/Special District/School District 32.1% | | |
| Bristol Township School District, GO, 5.25%, 6/01/43 | 3,465 | 3,647,571 |
| Chambersburg Area School District, GO (NPFGC): | | |
| 5.25%, 3/01/26 | 2,115 | 2,238,727 |
| 5.25%, 3/01/27 | 2,500 | 2,641,525 |
| City of Philadelphia Pennsylvania, GO, Refunding, Series A: | | |
| (AGM), 5.25%, 12/15/32 | 5,000 | 5,233,400 |
| (AGC), 5.00%, 8/01/24 | 2,000 | 2,179,800 |
| City of Pittsburgh Pennsylvania, GO, Series B, 5.00%, 9/01/26 | 970 | 1,074,760 |
| County of Lycoming Pennsylvania, GO, Series A (AGM): | | |
| 4.00%, 8/15/38 | 645 | 597,696 |
| 4.00%, 8/15/42 | 140 | 127,054 |
| County of Lycoming Pennsylvania Water & Sewer Authority, RB, (AGM), 5.00%, 11/15/41 | 400 | 407,820 |
| County of York Pennsylvania, GO, Refunding, 5.00%, 3/01/36 | 400 | 424,840 |
| East Stroudsburg Area School District, GO, Refunding, Series A (AGM), 5.00%, 9/01/25 | 3,000 | 3,284,580 |
| East Stroudsburg Area School District, GO, Series A: | | |
| 7.75%, 9/01/17 (b) | 960 | 1,198,934 |
| 7.75%, 9/01/27 | 1,040 | 1,233,201 |
| Falls Township Authority, RB, Water & Sewer Authority, 5.00%, 12/01/37 | 1,070 | 1,121,478 |
| Lower Merion School District, GO, Refunding, Series A, 3.25%, 11/15/27 | 2,035 | 1,994,137 |
| Marple Newtown School District, GO (AGM), 5.00%, 6/01/31 | 3,500 | 3,823,995 |
| Northeastern School District York County, GO, Series B (NPFGC), 5.00%, 4/01/32 | 1,585 | 1,658,401 |
| Philadelphia Redevelopment Authority, RB, Quality Redevelopment Neighborhood, Series B, AMT (NPFGC), 5.00%, 4/15/27 | 4,645 | 4,822,811 |
| Philadelphia School District, GO, Refunding (BHAC), 5.00%, 6/01/34 | 1,000 | 1,046,340 |
| Philadelphia School District, GO, Series E, 6.00%, 9/01/38 | 3,300 | 3,565,155 |
| Philipsburg-Osceola Pennsylvania Area School District, GO (AGM), 5.00%, 4/01/41 | 755 | 767,760 |
| Shaler Area School District Pennsylvania, GO, CAB (Syncora), 0.00%, 9/01/30 (c) | 6,145 | 2,914,082 |
| | Par (000) | Value |
| Municipal Bonds | | |
| Pennsylvania (continued) | | |
| County/City/Special District/School District (concluded) | | |
| State Public School Building Authority, RB (AGM): | | |
| Community College, Allegheny County Project, 5.00%, 7/15/34 | \$ 1,880 | \$ 1,971,706 |
| Corry Area School District, CAB, 0.00%, 12/15/22 (c) | 1,640 | 1,188,262 |
| Corry Area School District, CAB, 0.00%, 12/15/23 (c) | 1,980 | 1,356,894 |
| Corry Area School District, CAB, 0.00%, 12/15/24 (c) | 1,980 | 1,285,099 |
| Corry Area School District, CAB, 0.00%, 12/15/25 (c) | 1,770 | 1,086,072 |
| State Public School Building Authority, Refunding RB: | | |
| Harrisburg School District Project, Series A (AGC), 5.00%, 11/15/33 | 1,200 | 1,233,564 |
| School District Philadelphia Project, Series B (AGM), 5.00%, 6/01/26 | 1,500 | 1,575,750 |

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| | | |
|---|-------|------------|
| | | 55,701,414 |
| Education 6.9% | | |
| County of Adams Pennsylvania IDA, Refunding RB, Gettysburg College, 5.00%, 8/15/26 | 100 | 107,647 |
| East Hempfield Township IDA, RB, Student Services, Inc., Student Housing Project at Millersville University of Pennsylvania, 5.00%, 7/01/35 | 385 | 371,733 |
| Pennsylvania Higher Educational Facilities Authority, RB: | | |
| Drexel University, Series A (NPFGC), 5.00%, 5/01/37 | 1,500 | 1,541,640 |
| Shippensburg University Student Services, Student Housing, 5.00%, 10/01/44 | 1,195 | 1,093,664 |
| Pennsylvania Higher Educational Facilities Authority, Refunding RB: | | |
| Drexel University, Series A, 5.25%, 5/01/41 | 2,750 | 2,883,127 |
| La Salle University, 5.00%, 5/01/37 | 765 | 762,858 |
| State System of Higher Education, Series AL, 5.00%, 6/15/35 | 1,780 | 1,875,070 |
| Thomas Jefferson University, 4.00%, 3/01/37 | 375 | 342,176 |
| Thomas Jefferson University, 5.00%, 3/01/42 | 310 | 316,935 |
| Widener University, Series A, 5.25%, 7/15/33 | 1,360 | 1,386,357 |
| Widener University, Series A, 5.50%, 7/15/38 | 340 | 348,554 |
| Swarthmore Borough Authority, Refunding RB, Swarthmore College Project, 5.00%, 9/15/38 | 830 | 897,786 |
| | | 11,927,547 |
| Health 21.2% | | |
| Centre County Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/46 | 2,020 | 2,322,758 |
| County of Allegheny Pennsylvania Hospital Development Authority, RB, Health Center, UPMC Health, Series B (NPFGC), 6.00%, 7/01/26 | 2,000 | 2,430,040 |
| County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical Center, Series A, 5.00%, 11/01/40 | 765 | 785,754 |
| County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran, 6.38%, 1/01/39 | 500 | 530,730 |
| County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM), 5.00%, 7/01/33 | 7,995 | 8,137,151 |
| County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital Obligated Group, Series A, 5.13%, 6/01/33 | 490 | 501,549 |
| County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Community: | | |
| Series A, 4.50%, 11/15/36 | 295 | 261,470 |
| Series A-1, 6.25%, 11/15/29 | 235 | 251,657 |
| County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities: | | |
| 5.00%, 11/15/27 | 690 | 700,357 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|--|--------------|------------|
| Municipal Bonds | | |
| Pennsylvania (continued) | | |
| Health (concluded) | | |
| County of Montgomery Pennsylvania IDA, Refunding RB, Acts Retirement-Life Communities (concluded): | | |
| 5.00%, 11/15/28 | \$ 445 | \$ 448,573 |
| 5.00%, 11/15/29 | 150 | 150,696 |
| Geisinger Authority Pennsylvania, RB, Health System, Series A-1, 5.13%, 6/01/41 | 6,270 | 6,484,371 |
| Lancaster IDA, Refunding RB: | | |
| 5.38%, 5/01/28 | 420 | 427,468 |
| 5.75%, 5/01/35 | 745 | 764,810 |
| Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health System, Series A, 4.00%, 8/15/39 | 7,600 | 6,730,864 |
| Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian Medical Center, 6.65%, 12/01/19 (d) | 2,390 | 2,853,923 |
| South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial Hospital, Series B (AGC), 5.38%, 7/01/35 | 1,840 | 1,924,622 |
| St. Mary Hospital Authority, Refunding RB, Catholic Health East, Series A, 5.00%, 11/15/27 | 945 | 1,010,035 |
| | | 36,716,828 |
| Housing 9.6% | | |
| Pennsylvania HFA, RB, S/F Mortgage, Series 114-C: | | |
| 3.65%, 10/01/37 | 1,915 | 1,667,735 |
| 3.70%, 10/01/42 | 3,435 | 2,941,356 |
| Pennsylvania HFA, Refunding RB, S/F Mortgage: | | |
| Series 92-A, AMT, 4.75%, 4/01/31 | 600 | 601,650 |
| Series 96-A, AMT, 4.70%, 10/01/37 | 2,735 | 2,707,842 |
| Series 99-A, AMT, 5.15%, 4/01/38 | 855 | 854,812 |
| Series 110-B, 4.75%, 10/01/39 | 705 | 724,331 |
| Series 113, 4.85%, 10/01/37 | 4,125 | 4,172,025 |
| Philadelphia Housing Authority, RB, Capital Fund Program, Series A (AGM), 5.50%, 12/01/18 | 3,000 | 3,011,400 |
| | | 16,681,151 |
| State 7.1% | | |
| Commonwealth of Pennsylvania, GO, 1st Series: | | |
| 5.00%, 11/15/24 | 1,000 | 1,147,880 |
| 5.00%, 4/01/26 | 1,140 | 1,309,450 |
| 5.00%, 6/01/28 | 4,800 | 5,392,224 |
| Pennsylvania Economic Development Financing Authority, Refunding RB, Unemployment Compensation, Series B, 5.00%, 7/01/23 | 600 | 637,056 |
| Pennsylvania Turnpike Commission, RB, Oil Franchise Tax, Remarketing, Series C (NPFGC), 5.00%, 12/01/32 | 3,600 | 3,817,332 |
| | | 12,303,942 |
| Transportation 18.2% | | |
| City of Philadelphia Pennsylvania, ARB, Series A: | | |
| 5.00%, 6/15/40 | 2,500 | 2,547,650 |
| AMT (AGM), 5.00%, 6/15/37 | 5,595 | 5,639,536 |
| Delaware River Port Authority, RB: | | |
| 5.00%, 1/01/37 | 1,970 | 2,081,935 |
| Series D (AGM), 5.00%, 1/01/40 | 1,560 | 1,618,937 |
| Pennsylvania Turnpike Commission, RB: | | |
| Motor License Fund, Enhanced Turnpike, Special Sub-Series A, 5.00%, 12/01/37 | 705 | 734,631 |
| Motor License Fund, Enhanced Turnpike, Special Sub-Series A, 5.00%, 12/01/42 | 2,100 | 2,155,986 |
| Series A (AMBAC), 5.25%, 12/01/32 | 350 | 353,101 |
| Series A (AMBAC), 5.50%, 12/01/31 | 7,800 | 8,055,138 |
| Sub-Series A, 6.00%, 12/01/41 | 700 | 759,542 |

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| | Par (000) | Value |
|---|--------------|--------------------|
| Municipal Bonds | | |
| Pennsylvania (concluded) | | |
| Transportation (concluded) | | |
| Pennsylvania Turnpike Commission, Refunding RB, Sub-Series B (AGM), 5.25%, 6/01/39 | \$ 3,500 | \$ 3,644,900 |
| Southeastern Pennsylvania Transportation Authority, RB, Capital Grant Receipts: 5.00%, 6/01/28 | 1,570 | 1,672,961 |
| 5.00%, 6/01/29 | 2,080 | 2,204,176 |
| | | 31,468,493 |
| Utilities 11.5% | | |
| Allegheny County Sanitary Authority, RB, 5.25%, 12/01/41 | 1,215 | 1,274,863 |
| Allegheny County Sanitary Authority, Refunding RB, Series A (NPFGC), 5.00%, 12/01/30 | 5,000 | 5,246,200 |
| City of Philadelphia Pennsylvania Gas Works, RB: 1998 General Ordinance, 4th Series (AGM), 5.00%, 8/01/32 | 3,300 | 3,309,174 |
| 9th Series, 5.25%, 8/01/40 | 1,430 | 1,458,371 |
| City of Philadelphia Pennsylvania Water & Wastewater, RB: Series A, 5.25%, 1/01/36 | 700 | 740,600 |
| Series C (AGM), 5.00%, 8/01/40 | 3,000 | 3,085,440 |
| County of Bucks Pennsylvania Water & Sewer Authority, RB, Water System (AGM), 5.00%, 12/01/41 | 150 | 157,523 |
| Delaware County Regional Water Quality Control Authority, RB, Sewer Improvements, 5.00%, 5/01/33 | 350 | 375,977 |
| Pennsylvania Economic Development Financing Authority, RB, Philadelphia Biosolids Facility, 6.25%, 1/01/32 | 1,420 | 1,429,727 |
| Reading Area Water Authority Pennsylvania, RB (AGM), 5.00%, 12/01/27 | 2,680 | 2,876,819 |
| | | 19,954,694 |
| Total Municipal Bonds in Pennsylvania | | 204,160,535 |
| Guam 0.5% | | |
| State 0.5% | | |
| Territory of Guam, RB, Section 30, Series A, 5.63%, 12/01/29 | 805 | 845,902 |
| Total Municipal Bonds 118.3% | | 205,006,437 |
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | | |
| Pennsylvania 40.2% | | |
| County/City/Special District/School District 5.1% | | |
| County of Erie Pennsylvania Conventional Center Authority, RB, 5.00%, 1/15/36 | 8,850 | 8,890,689 |
| Education 9.2% | | |
| Pennsylvania Higher Educational Facilities Authority, RB: | | |
| Series AE (NPFGC), 4.75%, 6/15/32 | 8,845 | 8,909,388 |
| University of Pennsylvania Health System, Series A, 5.75%, 8/15/41 | 4,270 | 4,644,949 |
| University of Pittsburgh, RB, The Commonwealth System of Higher Education, Capital Project, Series B, 5.00%, 9/15/28 | 2,202 | 2,467,347 |
| | | 16,021,684 |
| Health 6.2% | | |
| Geisinger Authority Pennsylvania, RB, Health System, Series A: | | |
| 5.13%, 6/01/34 | 2,500 | 2,589,975 |
| 5.25%, 6/01/39 | 3,128 | 3,244,314 |

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

| | Par (000) | Value |
|---|---------------|----------------|
| Municipal Bonds Transferred to Tender Option Bond Trusts (e) | | |
| Pennsylvania (concluded) | | |
| Health (concluded) | | |
| Philadelphia Hospitals & Higher Education Facilities Authority, RB, The Children's Hospital of Philadelphia Project, Series C, 5.00%, 7/01/41 | \$ 4,680 | \$ 4,834,954 |
| | | 10,669,243 |
| Housing 1.7% | | |
| Pennsylvania HFA, Refunding RB, S/F Mortgage, Series 115A, AMT, 4.20%, 10/01/33 | 3,000 | 2,886,990 |
| State 18.0% | | |
| Commonwealth of Pennsylvania, GO, Series 1, 5.00%, 3/15/28 | 5,203 | 5,935,126 |
| Pennsylvania Turnpike Commission, RB, Oil Franchise Tax, Senior Series C (NPFGC), 5.00%, 12/01/32 | 10,000 | 10,603,700 |
| State Public School Building Authority, Refunding RB, School District of Philadelphia Project, Series B (AGM), 5.00%, 6/01/26 | 14,026 | 14,734,545 |
| | | 31,273,371 |
| Total Municipal Bonds Transferred to Tender Option Bond Trusts 40.2% | | 69,741,977 |
| Total Long-Term Investments (Cost \$267,846,868) 158.5% | | 274,748,414 |
| Short-Term Securities | Shares | Value |
| BIF Pennsylvania Municipal Money Fund, 0.00% (f)(g) | 1,526,466 | \$ 1,526,466 |
| Total Short-Term Securities (Cost \$1,526,466) 0.9% | | 1,526,466 |
| Total Investments (Cost \$269,373,334) 159.4% | | 276,274,880 |
| Other Assets Less Liabilities 1.4% | | 2,361,587 |
| Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (22.5)% | | (39,006,545) |
| VRDP Shares, at Liquidation Value (38.3)% | | (66,300,000) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 173,329,922 |

Notes to Schedule of Investments

- (a) Variable rate security. Rate shown is as of report date.
- (b) US 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) Zero-coupon bond.
- (d) Security is collateralized by municipal or US Treasury obligations.
- (e)

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Represent bonds transferred to a TOB. In exchange for which the Fund acquired residual interest certificates. These bonds serve as collateral in a financing transaction. See Note 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

- (f) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2014, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

| Affiliate | Shares Held at July 31, 2013 | Net Activity | Shares Held at January 31, 2014 | Income |
|---------------------------------------|------------------------------------|-----------------|---------------------------------------|--------|
| BIF Pennsylvania Municipal Money Fund | 3,198,164 | (1,671,698) | 1,526,466 | |

- (g) Represents the current yield as of report date.

Financial futures contracts outstanding as of January 31, 2014 were as follows:

| Contracts Sold | Issue | Exchange | Expiration | Notional Value | Unrealized Depreciation |
|----------------|--------------------------|------------------------|------------|-------------------|----------------------------|
| (220) | 10-Year US Treasury Note | Chicago Board of Trade | March 2014 | \$ 27,665,000 | \$ (204,863) |

For Fund compliance purposes, the Fund's sector classifications refer to any 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 investment advisor. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Fair Value Measurements Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a disclosure 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 the Fund has the ability to access

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 the 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.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments (concluded)****BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure 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 investment and derivative financial instrument and is not necessarily an indication of the risks associated with investing in those securities. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, please refer to Note 2 of the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2014:

| | Level 1 | Level 2 | Level 3 | Total |
|------------------------------------|--------------|----------------|---------|----------------|
| Assets: | | | | |
| Investments: | | | | |
| Long-Term Investments ¹ | | \$ 274,748,414 | | \$ 274,748,414 |
| Short-Term Securities | \$ 1,526,466 | | | 1,526,466 |
| Total | \$ 1,526,466 | \$ 274,748,414 | | \$ 276,274,880 |

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

| | Level 1 | Level 2 | Level 3 | Total |
|---|--------------|---------|---------|--------------|
| Derivative Financial Instruments² | | | | |
| Liabilities: | | | | |
| Interest rate contracts | \$ (204,863) | | | \$ (204,863) |

² Derivative financial instruments are financial futures contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

The carry amount for certain of the Fund's assets and/or liabilities approximates fair value for financial statement purposes. As of January 31, 2014, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

| | Level 1 | Level 2 | Level 3 | Total |
|--|------------|------------------|---------|------------------|
| Assets: | | | | |
| Cash pledged for financial futures contracts | \$ 353,000 | | | \$ 353,000 |
| Liabilities: | | | | |
| TOB trust certificates | | \$ (38,999,653) | | (38,999,653) |
| VRDP Shares | | (66,300,000) | | (66,300,000) |
| Total | \$ 353,000 | \$ (105,299,653) | | \$ (104,946,653) |

There were no transfers between levels during the six months ended January 31, 2014.

See Notes to Financial Statements.

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Statements of Assets and Liabilities

| January 31, 2014 (Unaudited) | BlackRock MuniHoldings California Quality Fund, Inc. (MUC) | BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ) | BlackRock MuniYield Investment Quality Fund (MFT) | BlackRock MuniYield Michigan Quality Fund, Inc. (MIY) | BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI) | BlackRock MuniYield Pennsylvania Quality Fund (MPA) |
|---|---|---|---|--|--|---|
| Assets | | | | | | |
| Investments at value unaffiliated | \$ 1,002,997,751 | \$ 519,571,437 | \$ 193,887,500 | \$ 424,456,374 | \$ 210,530,043 | \$ 274,748,414 |
| Investments at value affiliated | 5,813,118 | 3,993,620 | 761,559 | 616,654 | 2,305,318 | 1,526,466 |
| Cash pledged for financial futures contracts | 664,000 | 173,000 | 169,000 | 145,000 | 80,000 | 353,000 |
| Interest receivable | 14,430,262 | 4,509,220 | 2,207,314 | 5,042,645 | 1,644,221 | 2,877,184 |
| Investments sold receivable | 7,619,374 | 708,245 | | 5,829,613 | 289,283 | |
| Deferred offering costs | 128,488 | 334,476 | 45,155 | 261,420 | 224,952 | 203,750 |
| Prepaid expenses | 71,053 | 29,251 | 14,129 | 19,990 | 19,511 | 16,159 |
| Total assets | 1,031,724,046 | 529,319,249 | 197,084,657 | 436,371,696 | 215,093,328 | 279,724,973 |
| Accrued Liabilities | | | | | | |
| Income dividends payable Common Shares | 2,931,678 | 1,576,638 | 601,596 | 1,350,419 | 658,239 | 851,328 |
| TOB trust payable | 2,500,000 | | 500,000 | | | |
| Investments purchased payable | | | | 2,778,191 | | |
| Investment advisory fees payable | 475,277 | 225,792 | 82,493 | 181,555 | 89,866 | 116,987 |
| Variation margin payable on financial futures contracts | 118,748 | 32,656 | 32,655 | 26,718 | 14,844 | 65,312 |
| Officers and Directors fees payable | 215,561 | 4,505 | 1,912 | 3,812 | 1,990 | 2,616 |
| Interest expense and fees payable | 27,213 | 6,578 | 4,960 | 4,214 | 3,140 | 6,892 |
| Other accrued expenses payable | 109,584 | 191,119 | 49,766 | 71,877 | 95,236 | 52,263 |
| Total accrued liabilities | 6,378,061 | 2,037,288 | 1,273,382 | 4,416,786 | 863,315 | 1,095,398 |
| Other Liabilities | | | | | | |
| TOB trust certificates | 150,520,948 | 34,699,311 | 20,333,757 | 23,487,000 | 18,044,269 | 38,999,653 |
| VRDP Shares, at liquidation value of \$100,000 per share ^{3,4} | | 172,700,000 | | 144,600,000 | 64,400,000 | 66,300,000 |
| VMTP Shares, at liquidation value of \$100,000 per share ^{3,4} | 254,000,000 | | 56,500,000 | | | |
| Total other liabilities | 404,520,948 | 207,399,311 | 76,833,757 | 168,087,000 | 82,444,269 | 105,299,653 |
| Total liabilities | 410,899,009 | 209,436,599 | 78,107,139 | 172,503,786 | 83,307,584 | 106,395,051 |
| Net Assets Applicable to Common Shareholders | \$ 620,825,037 | \$ 319,882,650 | \$ 118,977,518 | \$ 263,867,910 | \$ 131,785,744 | \$ 173,329,922 |
| Net Assets Applicable to Common Shareholders Consist of | | | | | | |
| Paid-in capital ^{5,6,7} | \$ 586,118,912 | \$ 299,227,040 | \$ 118,064,506 | \$ 261,346,054 | \$ 125,364,272 | \$ 170,192,992 |
| Undistributed net investment income | 8,605,398 | 5,114,898 | 1,934,182 | 2,694,429 | 2,505,429 | 1,913,193 |
| Accumulated net realized loss | (15,162,958) | (5,381,824) | (11,543,111) | (11,670,403) | (3,251,138) | (5,472,946) |
| Net unrealized appreciation/depreciation | 41,263,685 | 20,922,536 | 10,521,941 | 11,497,830 | 7,167,181 | 6,696,683 |
| Net Assets Applicable to Common Shareholders | \$ 620,825,037 | \$ 319,882,650 | \$ 118,977,518 | \$ 263,867,910 | \$ 131,785,744 | \$ 173,329,922 |
| Net asset value per Common Share | \$ 15.14 | \$ 15.01 | \$ 14.04 | \$ 14.46 | \$ 14.82 | \$ 15.07 |

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| | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|
| ¹ Investments at cost unaffiliated | \$ 961,180,441 | \$ 498,526,736 | \$ 183,307,101 | \$ 412,858,591 | \$ 203,307,333 | \$ 267,846,868 |
| ² Investments at cost affiliated | \$ 5,813,118 | \$ 3,993,620 | \$ 761,559 | \$ 616,654 | \$ 2,305,318 | \$ 1,526,466 |
| ³ Preferred Shares outstanding: | | | | | | |
| Par value \$0.05 per share | | | 565 | | | 663 |
| Par value \$0.10 per share | 2,540 | 1,727 | | 1,446 | 644 | |
| ⁴ Preferred Shares authorized | 18,140 | 9,847 | 1,000,565 | 8,046 | 3,584 | 1,000,663 |
| ⁵ Common Shares outstanding | 41,002,483 | 21,305,921 | 8,473,184 | 18,248,909 | 8,895,127 | 11,504,433 |
| ⁶ Par value per Common Share | \$ 0.10 | \$ 0.10 | \$ 0.10 | \$ 0.10 | \$ 0.10 | \$ 0.10 |
| ⁷ Common Shares authorized | 200 million | 200 million | unlimited | 200 million | 200 million | unlimited |

See Notes to Financial Statements.

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Statements of Operations

| Six Months Ended January 31, 2014 (Unaudited) | BlackRock MuniHoldings California Quality Fund, Inc. (MUC) | BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ) | BlackRock MuniYield Investment Quality Fund (MFT) | BlackRock MuniYield Michigan Quality Fund, Inc. (MIY) | BlackRock MuniYield New Jersey Quality Fund, Inc. (MJJ) | BlackRock MuniYield Pennsylvania Quality Fund (MPA) |
|---|---|---|---|--|--|---|
| Investment Income | | | | | | |
| Interest | \$ 21,964,098 | \$ 11,732,539 | \$ 4,582,087 | \$ 9,915,392 | \$ 4,916,515 | \$ 6,272,541 |
| Income affiliated | 203 | 16 | 311 | | 7 | |
| Total income | 21,964,301 | 11,732,555 | 4,582,398 | 9,915,392 | 4,916,522 | 6,272,541 |
| Expenses | | | | | | |
| Investment advisory | 2,805,252 | 1,432,293 | 488,671 | 1,071,803 | 527,735 | 689,918 |
| Liquidity fees | | 576,358 | | | 214,925 | |
| Professional | 56,884 | 37,066 | 27,570 | 35,477 | 27,926 | 30,274 |
| Accounting services | 64,501 | 39,474 | 17,404 | 32,020 | 18,500 | 22,823 |
| Remarketing fees on Preferred Shares | | 87,060 | | | 32,465 | |
| Officer and Directors | 36,179 | 15,557 | 5,585 | 12,770 | 6,232 | 8,229 |
| Transfer agent | 20,303 | 15,716 | 11,610 | 15,465 | 11,136 | 14,216 |
| Custodian | 21,534 | 13,851 | 7,046 | 12,374 | 6,545 | 8,002 |
| Printing | 8,447 | 6,040 | 4,081 | 5,541 | 4,209 | 4,478 |
| Registration | 6,665 | 4,342 | 4,349 | 4,337 | 4,416 | 4,342 |
| Miscellaneous | 42,712 | 34,124 | 30,853 | 35,381 | 31,652 | 30,849 |
| Total expenses excluding interest expense, fees and amortization of offering costs | 3,062,477 | 2,261,881 | 597,169 | 1,225,168 | 885,741 | 813,131 |
| Interest expense, fees and amortization of offering costs ¹ | 1,883,714 | 358,121 | 406,417 | 813,301 | 155,139 | 469,186 |
| Total expenses | 4,946,191 | 2,620,002 | 1,003,586 | 2,038,469 | 1,040,880 | 1,282,317 |
| Less fees waived by Manager | (255,026) | (120,253) | (212) | (80) | (1,356) | (77) |
| Total expenses after fees waived | 4,691,165 | 2,499,749 | 1,003,374 | 2,038,389 | 1,039,524 | 1,282,240 |
| Net investment income | 17,273,136 | 9,232,806 | 3,579,024 | 7,877,003 | 3,876,998 | 4,990,301 |
| Realized and Unrealized Gain (Loss) | | | | | | |
| Net realized gain (loss) from: | | | | | | |
| Investments | (6,625,877) | (4,380,120) | (4,229,940) | (7,075,021) | (2,172,297) | (2,032,537) |
| Financial futures contracts | 39,559 | 68,608 | 63,138 | 56,141 | 31,189 | 93,974 |
| | (6,586,318) | (4,311,512) | (4,166,802) | (7,018,880) | (2,141,108) | (1,938,563) |
| Net change in unrealized appreciation/depreciation on: | | | | | | |
| Investments | 33,012,990 | 15,485,711 | 7,945,911 | 13,073,857 | 7,011,104 | 7,733,889 |
| Financial futures contracts | (553,625) | (122,165) | (58,458) | (99,953) | (55,529) | (204,863) |
| | 32,459,365 | 15,363,546 | 7,887,453 | 12,973,904 | 6,955,575 | 7,529,026 |
| Total realized and unrealized gain | 25,873,047 | 11,052,034 | 3,720,651 | 5,955,024 | 4,814,467 | 5,590,463 |
| Net Increase in Net Assets Applicable to Common Shareholders Resulting from Operations | \$ 43,146,183 | \$ 20,284,840 | \$ 7,299,675 | \$ 13,832,027 | \$ 8,691,465 | \$ 10,580,764 |

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¹ Related to TOBs, VMTP Shares, and/or VRDP Shares.

See Notes to Financial Statements.

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Statements of Changes in Net Assets

| | BlackRock MuniHoldings California Quality Fund, Inc. (MUC) | | BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ) | |
|---|--|--------------------------------|---|--------------------------------|
| | Six Months Ended January 31, 2014 (Unaudited) | Year Ended July 31, 2013 | Six Months Ended January 31, 2014 (Unaudited) | Year Ended July 31, 2013 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | | | |
| Operations | | | | |
| Net investment income | \$ 17,273,136 | \$ 35,078,128 | \$ 9,232,806 | \$ 18,297,716 |
| Net realized gain (loss) | (6,586,318) | 4,123,267 | (4,311,512) | 640,240 |
| Net change in unrealized appreciation/depreciation | 32,459,365 | (78,639,908) | 15,363,546 | (43,197,563) |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | 43,146,183 | (39,438,513) | 20,284,840 | (24,259,607) |
| Dividends and Distributions to Common Shareholders From | | | | |
| Net investment income | (17,590,065) | (38,222,539) ¹ | (9,459,832) | (18,910,036) ¹ |
| Net realized gain | | | (107,719) | |
| Decrease in net assets resulting from dividends and distributions to Common Shareholders | (17,590,065) | (38,222,539) | (9,567,551) | (18,910,036) |
| Capital Share Transactions | | | | |
| Reinvestment of common dividends | | 1,852,754 | | 497,797 |
| Net Assets Applicable to Common Shareholders | | | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 25,556,118 | (75,808,298) | 10,717,289 | (42,671,846) |
| Beginning of period | 595,268,919 | 671,077,217 | 309,165,361 | 351,837,207 |
| End of period | \$ 620,825,037 | \$ 595,268,919 | \$ 319,882,650 | \$ 309,165,361 |
| Undistributed net investment income, end of period | \$ 8,605,398 | \$ 8,922,327 | \$ 5,114,898 | \$ 5,341,924 |

¹ Determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

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Statements of Changes in Net Assets

| | BlackRock MuniYield Investment Quality Fund (MFT) | | BlackRock MuniYield Michigan Quality Fund, Inc. (MIY) | |
|---|---|--------------------------------|---|--------------------------------|
| | Six Months Ended January 31, 2014 (Unaudited) | Year Ended July 31, 2013 | Six Months Ended January 31, 2014 (Unaudited) | Year Ended July 31, 2013 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | | | |
| Operations | | | | |
| Net investment income | \$ 3,579,024 | \$ 7,093,951 | \$ 7,877,003 | \$ 16,382,871 |
| Net realized gain (loss) | (4,166,802) | 563,514 | (7,018,880) | 630,209 |
| Net change in unrealized appreciation/depreciation | 7,887,453 | (18,405,631) | 12,973,904 | (37,218,376) |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | 7,299,675 | (10,748,166) | 13,832,027 | (20,205,296) |
| Dividends to Common Shareholders From | | | | |
| Net investment income | (3,609,576) | (7,217,546) ¹ | (8,305,060) | (16,743,706) ¹ |
| Capital Share Transactions | | | | |
| Reinvestment of common dividends | | 93,174 | | 485,894 |
| Net Assets Applicable to Common Shareholders | | | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 3,690,099 | (17,872,538) | 5,526,967 | (36,463,108) |
| Beginning of period | 115,287,419 | 133,159,957 | 258,340,943 | 294,804,051 |
| End of period | \$ 118,977,518 | \$ 115,287,419 | \$ 263,867,910 | \$ 258,340,943 |
| Undistributed net investment income, end of period | \$ 1,934,182 | \$ 1,964,734 | \$ 2,694,429 | \$ 3,122,486 |

¹ Determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

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Statements of Changes in Net Assets

| | BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI) | | BlackRock MuniYield Pennsylvania Quality Fund (MPA) | |
|---|---|--------------------------------|--|--------------------------------|
| | Six Months Ended January 31, 2014 (Unaudited) | Year Ended July 31, 2013 | Six Months Ended January 31, 2014 (Unaudited) | Year Ended July 31, 2013 |
| Increase (Decrease) in Net Assets Applicable to Common Shareholders: | | | | |
| Operations | | | | |
| Net investment income | \$ 3,876,998 | \$ 7,643,570 | \$ 4,990,301 | \$ 10,296,569 |
| Net realized gain (loss) | (2,141,108) | (311,747) | (1,938,563) | 141,354 |
| Net change in unrealized appreciation/depreciation | 6,955,575 | (17,628,493) | 7,529,026 | (22,994,319) |
| Distributions to VRDP Shareholders from net realized gain | | (5,857) | | |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | 8,691,465 | (10,302,527) | 10,580,764 | (12,556,396) |
| Dividends and Distributions to Common Shareholders From | | | | |
| Net investment income | (3,949,435) | (7,777,215) ¹ | (5,107,968) | (10,214,489) ¹ |
| Net realized gain | (38,170) | (254,189) ¹ | | |
| Decrease in net assets resulting from dividends and distributions to Common Shareholders | (3,987,605) | (8,031,404) | (5,107,968) | (10,214,489) |
| Capital Share Transactions | | | | |
| Reinvestment of common dividends | | 473,838 | | 65,526 |
| Net Assets Applicable to Common Shareholders | | | | |
| Total increase (decrease) in net assets applicable to Common Shareholders | 4,703,860 | (17,860,093) | 5,472,796 | (22,705,359) |
| Beginning of period | 127,081,884 | 144,941,977 | 167,857,126 | 190,562,485 |
| End of period | \$ 131,785,744 | \$ 127,081,884 | \$ 173,329,922 | \$ 167,857,126 |
| Undistributed net investment income, end of period | \$ 2,505,429 | \$ 2,577,866 | \$ 1,913,193 | \$ 2,030,860 |

¹ Determined in accordance with federal income tax regulations.

See Notes to Financial Statements.

Table of Contents**Statements of Cash Flows**

| Six Months Ended January 31, 2014 (Unaudited) | BlackRock MuniHoldings California Quality Fund, Inc. (MUC) | BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ) | BlackRock MuniYield Investment Quality Fund (MFT) | BlackRock MuniYield Michigan Quality Fund, Inc. (MIY) | BlackRock MuniYield New Jersey Quality Fund, Inc. (MJJ) | BlackRock MuniYield Pennsylvania Quality Fund (MPA) |
|---|---|---|---|--|--|---|
| Cash Provided by Operating Activities | | | | | | |
| Net increase in net assets resulting from operations | \$ 43,146,183 | \$ 20,284,840 | \$ 7,299,675 | \$ 13,832,027 | \$ 8,691,465 | \$ 10,580,764 |
| Adjustments to reconcile net increase in net assets resulting from operations to net cash provided by operating activities: | | | | | | |
| (Increase) decrease in interest receivable | (142,777) | 264,728 | 45,751 | (286,251) | 193,998 | 270,778 |
| Increase in cash pledged for financial futures contracts | (664,000) | (173,000) | (169,000) | (145,000) | (80,000) | (353,000) |
| Increase in prepaid expenses | (5,711) | (23,651) | (11,933) | (15,261) | (17,274) | (13,073) |
| Increase (decrease) in investment advisory fees payable | (13,526) | 645 | (5,737) | (6,922) | (812) | (6,440) |
| Decrease in interest expense and fees payable | (57,335) | (7,601) | (7,402) | (5,527) | (4,111) | (11,719) |
| Decrease in other accrued expenses payable | (59,459) | (45,233) | (12,295) | (38,565) | (13,022) | (18,782) |
| Increase in variation margin payable on financial futures contracts | 118,748 | 32,656 | 32,655 | 26,718 | 14,844 | 65,312 |
| Increase (decrease) in Officers and Directors fees payable | 19,507 | 352 | (83) | 229 | (5) | 7 |
| Net realized loss on investments | 6,625,877 | 4,380,120 | 4,229,940 | 7,075,021 | 2,172,297 | 2,032,537 |
| Net unrealized gain on investments | (33,012,990) | (15,485,711) | (7,945,911) | (13,073,857) | (7,011,104) | (7,733,889) |
| Amortization of premium and accretion of discount on investments | 2,590,636 | (134,081) | 338,119 | 469,064 | (223,730) | 210,781 |
| Amortization of deferred offering costs | 51,930 | 3,023 | 24,947 | 2,218 | 2,970 | 2,451 |
| Proceeds from sales of long-term investments | 133,884,304 | 50,927,802 | 54,077,525 | 33,483,121 | 21,894,627 | 37,599,778 |
| Purchases of long-term investments | (110,272,532) | (50,094,240) | (52,309,829) | (21,433,294) | (20,586,622) | (25,173,649) |
| Net proceeds from sales (purchases) of short-term securities | (5,311,155) | 3,177,150 | 9,705,693 | (136,987) | 1,459,374 | 1,671,698 |
| Cash provided by operating activities | 36,897,700 | 13,107,799 | 15,292,115 | 19,746,734 | 6,492,895 | 19,123,554 |
| Cash Used for Financing Activities | | | | | | |
| Decrease in bank overdraft | (12,651) | (8,444) | (4,529) | (7,264) | (4,566) | (5,337) |
| Cash receipts from TOB trust certificates | | | | 95,000 | | |
| Cash payments for TOB trust certificates | (19,294,984) | (3,531,804) | (11,678,010) | (11,483,787) | (2,500,724) | (14,010,249) |
| Cash dividends paid to Common Shareholders | (17,590,065) | (9,567,551) | (3,609,576) | (8,350,683) | (3,987,605) | (5,107,968) |
| Cash used for financing activities | (36,897,700) | (13,107,799) | (15,292,115) | (19,746,734) | (6,492,895) | (19,123,554) |
| Cash | | | | | | |
| Net decrease in cash | | | | | | |
| Cash at beginning of period | | | | | | |
| Cash at end of period | | | | | | |
| Cash Flow Information | | | | | | |
| Cash paid during the period for interest and fees | \$ 1,889,119 | \$ 362,699 | \$ 388,872 | \$ 816,610 | \$ 156,280 | \$ 478,454 |

See Notes to Financial Statements.

Table of Contents**Financial Highlights****BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)**

| | Six Months Ended January 31, 2014 (Unaudited) | | Year Ended July 31, | | | | Period July 1, 2009 to July 31, 2009 | Year Ended June 30, 2009 |
|---|--|---------------------|-----------------------|---------------------|---------------------|------------------------|---|--------------------------------|
| | 2013 | 2012 | 2011 | 2010 | | | | |
| Per Share Operating Performance | | | | | | | | |
| Net asset value, beginning of period | \$ 14.52 | \$ 16.41 | \$ 14.27 | \$ 14.55 | \$ 13.21 | \$ 13.05 | \$ 13.84 | |
| Net investment income ¹ | 0.42 | 0.86 | 0.95 | 0.97 | 0.92 | 0.08 | 0.90 | |
| Net realized and unrealized gain (loss) | 0.63 | (1.82) | 2.13 | (0.33) | 1.24 | 0.14 | (0.89) | |
| Dividends to AMPS Shareholders from net investment income | | | (0.01) | (0.02) | (0.03) | (0.00) ² | (0.15) | |
| Net increase (decrease) from investment operations | 1.05 | (0.96) | 3.07 | 0.62 | 2.13 | 0.22 | (0.14) | |
| Dividends to Common Shareholders from net investment income | (0.43) | (0.93) ³ | (0.93) ³ | (0.90) ³ | (0.79) ³ | (0.06) ³ | (0.65) ³ | |
| Net asset value, end of period | \$ 15.14 | \$ 14.52 | \$ 16.41 | \$ 14.27 | \$ 14.55 | \$ 13.21 | \$ 13.05 | |
| Market price, end of period | \$ 13.74 | \$ 13.31 | \$ 16.36 | \$ 13.15 | \$ 14.04 | \$ 12.18 | \$ 11.07 | |
| Total Investment Return Applicable to Common Shareholders⁴ | | | | | | | | |
| Based on net asset value | 7.66% ⁵ | (6.16)% | 22.26% | 4.88% | 16.96% | 1.75% ⁵ | 0.21% | |
| Based on market price | 6.58% ⁵ | (13.71)% | 32.27% | 0.16% | 22.40% | 10.59% ⁵ | (3.88)% | |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | | | |
| Total expenses | 1.64% ⁶ | 1.64% ⁷ | 1.48% ⁷ | 1.38% ⁷ | 1.23% ⁷ | 1.34% ^{6,7,8} | 1.59% ⁷ | |
| Total expenses after fees waived | 1.56% ⁶ | 1.56% ⁷ | 1.39% ⁷ | 1.25% ⁷ | 1.12% ⁷ | 1.19% ^{6,7,8} | 1.40% ⁷ | |
| Total expenses after fees waived and excluding interest expense, fees and amortization of offering costs ⁹ | 0.93% ⁶ | 0.92% ⁷ | 1.01% ^{7,10} | 1.02% ⁷ | 0.98% ⁷ | 1.06% ^{6,7,8} | 1.02% ⁷ | |
| Net investment income | 5.73% ⁶ | 5.27% ⁷ | 6.14% ⁷ | 6.93% ⁷ | 6.52% ⁷ | 6.59% ^{6,7,8} | 7.08% ⁷ | |
| Dividends to AMPS shareholders | | | 0.06% | 0.16% | 0.18% | 0.23% ⁶ | 1.15% | |
| Net investment income to Common Shareholders | 5.73% ⁶ | 5.27% | 6.08% | 6.77% | 6.34% | 6.36% ^{6,8} | 5.93% | |
| Supplemental Data | | | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 620,825 | \$ 595,269 | \$ 671,077 | \$ 583,400 | \$ 594,734 | \$ 540,144 | \$ 533,256 | |
| AMPS outstanding at \$25,000 liquidation preference, end of period (000) | | | | \$ 254,000 | \$ 254,000 | \$ 254,000 | \$ 287,375 | |
| | \$ 254,000 | \$ 254,000 | \$ 254,000 | | | | | |

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VMTP Shares outstanding at \$100,000
liquidation value, end of period (000).

| | | | | | | | |
|---|------------|------------|------------|-----------|-----------|-----------|-----------|
| Portfolio turnover | 10% | 34% | 46% | 24% | 25% | 1% | 19% |
| Asset coverage per AMPS at \$25,000 liquidation preference, end of period | | | | \$ 82,421 | \$ 83,538 | \$ 78,166 | \$ 71,392 |
| Asset coverage per VMTP Shares at \$100,000 liquidation value, end of period | \$ 344,419 | \$ 334,358 | \$ 364,204 | | | | |

¹ Based on average Common Shares outstanding.

² Amount is greater than \$(0.005) per share.

³ Determined in accordance with federal income tax regulations.

⁴ Total investment 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 dividends and distributions.

⁵ Aggregate total investment return.

⁶ Annualized.

⁷ Does not reflect the effect of dividends to AMPS shareholders.

⁸ Certain non-recurring expenses have been included in the ratio but not annualized. If these expenses and amortization of offering costs were annualized, the ratios of total expenses, total expenses after fees waived, total expenses after fees waived excluding interest expense and fees, net investment income and net investment income to Common Shareholders would have been 1.43%, 1.28%, 1.15%, 6.50% and 6.27%, respectively.

⁹ Interest expense, fees and amortization of offering costs relate to TOBs and/or VMTP Shares. See Note 3 and Note 9 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs and VMTP shares, respectively.

¹⁰ For the year ended July 31, 2012, the total expense ratio after fees waived 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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Table of Contents**Financial Highlights****BlackRock MuniHoldings New Jersey Quality Fund, Inc.
(MUJ)**

| | Six Months Ended January 31, 2014 (Unaudited) | | Year Ended July 31, | | | |
|---|--|---------------------|----------------------------|---------------------|---------------------|---------------------|
| | 2013 | 2012 | 2011 | 2010 | 2009 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 14.51 | \$ 16.54 | \$ 14.73 | \$ 15.19 | \$ 14.40 | \$ 14.35 |
| Net investment income ¹ | 0.43 | 0.86 | 0.83 | 0.93 | 1.00 | 0.98 |
| Net realized and unrealized gain (loss) | 0.52 | (2.00) | 1.87 | (0.47) | 0.67 | (0.11) |
| Dividends and distributions to AMPS shareholders from: | | | | | | |
| Net investment income | | | | (0.03) | (0.03) | (0.16) |
| Net realized gain | | | | | (0.00) ² | |
| Net increase (decrease) from investment operations | 0.95 | (1.14) | 2.70 | 0.43 | 1.64 | 0.71 |
| Dividends and distributions to Common Shareholders from: | | | | | | |
| Net investment income | (0.44) | (0.89) ³ | (0.89) ³ | (0.89) ³ | (0.84) ³ | (0.66) ³ |
| Net realized gain | (0.01) | | | | (0.01) ³ | |
| Total dividends and distributions to Common Shareholders | (0.45) | (0.89) | (0.89) | (0.89) | (0.85) | (0.66) |
| Net asset value, end of period | \$ 15.01 | \$ 14.51 | \$ 16.54 | \$ 14.73 | \$ 15.19 | \$ 14.40 |
| Market price, end of period | \$ 13.54 | \$ 13.30 | \$ 16.05 | \$ 13.74 | \$ 15.05 | \$ 13.38 |
| Total Investment Return Applicable to Common Shareholders⁴ | | | | | | |
| Based on net asset value | 7.01% ⁵ | (7.19)% | 18.96% | 3.28% | 11.95% | 6.13% |
| Based on market price | 5.31% ⁵ | (12.33)% | 23.76% | (2.77)% | 19.37% | 9.45% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.69% ⁶ | 1.61% | 1.81% ⁷ | 1.21% ⁷ | 1.13% ⁷ | 1.30% ⁷ |
| Total expenses after fees waived | 1.61% ⁶ | 1.58% | 1.78% ⁷ | 1.17% ⁷ | 1.08% ⁷ | 1.21% ⁷ |
| Total expenses after fees waived and excluding interest expense, fees and amortization of offering costs ⁸ | 1.38% ^{6,9} | 1.33% ⁹ | 1.43% ^{7,9} | 1.11% ⁷ | 1.05% ⁷ | 1.10% ⁷ |
| Net investment income | 5.94% | 5.28% | 5.28% ⁷ | 6.36% ⁷ | 6.71% ⁷ | 7.04% ⁷ |
| Dividends to AMPS shareholders | | | | 0.21% | 0.22% | 1.13% |
| Net investment income to Common Shareholders | 5.94% ⁶ | 5.28% | 5.28% | 6.15% | 6.49% | 5.91% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 319,883 | \$ 309,165 | \$ 351,837 | \$ 313,084 | \$ 322,681 | \$ 305,856 |
| AMPS outstanding at \$25,000 liquidation preference, end of period (000) | | | | | \$ 172,700 | \$ 172,700 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 172,700 | \$ 172,700 | \$ 172,700 | \$ 172,700 | | |

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| | | | | | | |
|--|------------|------------|------------|------------|-----------|-----------|
| Portfolio Turnover | 10% | 10% | 17% | 12% | 13% | 9% |
| Asset coverage per AMPS at \$25,000 liquidation preference, end of period | | | | | \$ 71,713 | \$ 69,278 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ 285,224 | \$ 279,019 | \$ 303,727 | \$ 281,288 | | |

¹ Based on average Common Shares outstanding.

² Amount is greater than \$(0.005) per share.

³ Determined in accordance with federal income tax regulations.

⁴ Total investment 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 dividends and distributions.

⁵ Aggregate total investment return.

⁶ Annualized.

⁷ Does not reflect the effect of dividends to AMPS shareholders.

⁸ Interest expense, fees, and amortization of offering costs related to TOBs and/or VRDP Shares. See Note 3 and Note 9 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs and VRDP Shares, respectively.

⁹ For the six months ended January 31, 2014 and for the two years ended July 31, 2013 and July 31, 2012, the total expense ratio after fees waived and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.95%, 0.93% and 1.01%, respectively.

See Notes to Financial Statements.

Table of Contents**Financial Highlights****BlackRock MuniYield Investment Quality Fund (MFT)**

| | Six Months Ended January 31, 2014 (Unaudited) | | Year Ended July 31, | | | |
|---|--|---------------------|----------------------------|---------------------|---------------------|---------------------|
| | 2013 | 2012 | 2011 | 2010 | 2009 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 13.61 | \$ 15.73 | \$ 13.40 | \$ 13.87 | \$ 12.83 | \$ 13.42 |
| Net investment income ¹ | 0.43 | 0.84 | 0.87 | 0.91 | 0.92 | 0.94 |
| Net realized and unrealized gain (loss) | 0.43 | (2.11) | 2.32 | (0.49) | 0.98 | (0.70) |
| Dividends to AMPS shareholders from net investment income | | | (0.01) | (0.04) | (0.04) | (0.15) |
| Net increase (decrease) from investment operations | 0.86 | (1.27) | 3.18 | 0.38 | 1.86 | 0.09 |
| Dividends to Common Shareholders from net investment income | (0.43) | (0.85) ² | (0.85) ² | (0.85) ² | (0.82) ² | (0.68) ² |
| Net asset value, end of period | \$ 14.04 | \$ 13.61 | \$ 15.73 | \$ 13.40 | \$ 13.87 | \$ 12.83 |
| Market price, end of period | \$ 12.93 | \$ 12.20 | \$ 15.47 | \$ 12.39 | \$ 14.28 | \$ 11.80 |
| Total Investment Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | 6.73% ⁴ | (8.41)% | 24.51% | 3.20% | 14.99% | 1.94% |
| Based on market price | 9.65% ⁴ | (16.52)% | 32.43% | (7.32)% | 28.72% | 7.08% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.74% ⁵ | 1.72% | 1.58% ⁶ | 1.23% ⁶ | 1.19% ⁶ | 1.40% ⁶ |
| Total expenses after fees waived | 1.74% ⁵ | 1.72% | 1.58% ⁶ | 1.23% ⁶ | 1.19% ⁶ | 1.37% ⁶ |
| Total expenses after fees waived and excluding interest expense, fees and amortization of offering costs ⁷ | 1.03% ⁵ | 1.00% | 1.08% ^{6,8} | 1.11% ⁶ | 1.09% ⁶ | 1.19% ⁶ |
| Net investment income | 6.19% ⁵ | 5.36% | 5.94% ⁶ | 6.91% ⁶ | 6.80% ⁶ | 7.54% ⁶ |
| Dividends to AMPS shareholders | | | 0.08% | 0.28% | 0.29% | 1.23% |
| Net investment income to Common Shareholders | 6.19% ⁵ | 5.36% | 5.86% | 6.63% | 6.51% | 6.31% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 118,978 | \$ 115,287 | \$ 133,160 | \$ 113,423 | \$ 117,341 | \$ 108,434 |
| AMPS outstanding at \$25,000 liquidation preference, end of period (000) | | | | \$ 56,525 | \$ 56,525 | \$ 56,525 |
| VMTP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 56,500 | \$ 56,500 | \$ 56,500 | | | |
| Portfolio turnover | 25% | 51% | 43% | 29% | 38% | 43% |

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| | | | | | | |
|--|----|---------|----|-----------|-----------|-----------|
| Asset coverage per AMPS at \$25,000 liquidation preference, end of period (000) | | | | \$ 75,165 | \$ 76,900 | \$ 72,961 |
| Asset coverage per VMTP Shares at \$100,000 liquidation value, end of period | \$ | 310,580 | \$ | 304,049 | \$ | 335,681 |

¹ Based on average Common Shares outstanding.

² Determined in accordance with federal income tax regulations.

³ Total investment 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 dividends and distributions.

⁴ Aggregate total investment return.

⁵ Annualized.

⁶ Does not reflect the effect of dividends to AMPS shareholders.

⁷ Interest expense, fees and amortization of offering costs relate to TOBs and/or VMTP Shares. See Note 3 and Note 9 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs and VMTP Shares, respectively.

⁸ For the Year ended July 31, 2012, the total expense ratio after fees waived and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.05%.

See Notes to Financial Statements.

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Table of Contents**Financial Highlights****BlackRock MuniYield Michigan Quality Fund, Inc.
(MIY)**

| | Six Months Ended January 31, 2014 (Unaudited) | | Year Ended July 31, | | | |
|---|--|---------------------|----------------------------|---------------------|---------------------|---------------------|
| | 2013 | 2012 | 2011 | 2010 | 2009 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 14.16 | \$ 16.18 | \$ 14.63 | \$ 14.92 | \$ 13.93 | \$ 14.16 |
| Net investment income ¹ | 0.43 | 0.90 | 0.87 | 0.93 | 0.98 | 1.00 |
| Net realized and unrealized gain (loss) | 0.33 | (2.00) | 1.61 | (0.26) | 0.94 | (0.40) |
| Dividends to AMPS shareholders from net investment income | | | | (0.04) | (0.05) | (0.16) |
| Net increase (decrease) from investment operations | 0.76 | (1.10) | 2.48 | 0.63 | 1.87 | 0.44 |
| Dividends to Common Shareholders from net investment income | (0.46) | (0.92) ² | (0.93) ² | (0.92) ² | (0.88) ² | (0.67) ² |
| Net asset value, end of period | \$ 14.46 | \$ 14.16 | \$ 16.18 | \$ 14.63 | \$ 14.92 | \$ 13.93 |
| Market price, end of period | \$ 13.09 | \$ 12.57 | \$ 16.05 | \$ 13.39 | \$ 14.55 | \$ 12.25 |
| Total Investment Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | 5.85% ⁴ | (7.09)% | 17.60% | 4.78% | 14.31% | 4.66% |
| Based on market price | 7.95% ⁴ | (16.86)% | 27.46% | (1.67)% | 26.76% | 5.95% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.59% ⁵ | 1.50% | 1.72% | 1.37% ⁶ | 1.07% ⁶ | 1.27% ⁶ |
| Total expenses after fees waived | 1.59% ⁵ | 1.50% | 1.72% | 1.36% ⁶ | 1.07% ⁶ | 1.25% ⁶ |
| Total expenses after fees waived and excluding interest expense, fees and amortization of offering costs ⁷ | 0.96% ⁵ | 0.89% | 1.38% ⁸ | 1.23% ⁶ | 1.03% ⁶ | 1.09% ⁶ |
| Net investment income | 6.14% ⁵ | 5.62% | 5.65% | 6.48% ⁶ | 6.72% ⁶ | 7.37% ⁶ |
| Dividends to AMPS shareholders | | | | 0.25% | 0.31% | 1.19% |
| Net investment income to Common Shareholders | 6.14% ⁵ | 5.62% | 5.65% | 6.23% | 6.41% | 6.18% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 263,868 | \$ 258,341 | \$ 294,804 | \$ 266,326 | \$ 271,609 | \$ 253,630 |
| AMPS outstanding at \$25,000 liquidation preference, end of period (000) | | | | | \$ 144,650 | \$ 144,650 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 144,600 | \$ 144,600 | \$ 144,600 | \$ 144,600 | | |
| Portfolio turnover | 6% | 17% | 19% | 16% | 15% | 9% |

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Asset coverage per AMPS at \$25,000 liquidation preference,
end of period \$ 71,945 \$ 68,838

Asset coverage per VRDP Shares at \$100,000 liquidation
value, end of period \$ 282,481 \$ 278,659 \$ 303,876 \$ 284,181

- ¹ Based on average Common Shares outstanding.
- ² Determined in accordance with federal income tax regulations.
- ³ Total investment 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 dividends and distributions.
- ⁴ Aggregate total investment return.
- ⁵ Annualized.
- ⁶ Does not reflect the effect of dividends to AMPS shareholders.
- ⁷ Interest expense, fees and amortization of offering costs relate to TOBs and/or VRDP Shares. See Note 3 and Note 9 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs and VRDP Shares, respectively.
- ⁸ For the year ended July 31, 2012, the total expense ratio after fees waived and paid indirectly and excluding interest expense, fees and amortization of offering costs, liquidity and remarketing fees was 0.98%.

See Notes to Financial Statements.

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Table of Contents**Financial Highlights****BlackRock MuniYield New Jersey Quality Fund, Inc.
(MJI)**

| | Six Months Ended January 31, 2014 (Unaudited) | | Year Ended July 31, | | | |
|---|--|---------------------|----------------------------|---------------------|---------------------|---------------------|
| | 2013 | 2012 | 2011 | 2010 | 2009 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 14.29 | \$ 16.35 | \$ 14.53 | \$ 15.00 | \$ 14.07 | \$ 14.23 |
| Net investment income ¹ | 0.44 | 0.86 | 0.82 | 0.91 | 0.98 | 0.96 |
| Net realized and unrealized gain (loss) | 0.53 | (2.01) | 1.89 | (0.48) | 0.94 | (0.27) |
| Distributions to VRDP Shareholders from net realized gain | | (0.00) ² | | | | |
| Dividends and distributions to AMPS shareholders from: | | | | | | |
| Net investment income | | | | (0.04) | (0.04) | (0.15) |
| Net realized gain | | | | | (0.01) | (0.01) |
| Net increase (decrease) from investment operations | 0.97 | (1.15) | 2.71 | 0.39 | 1.87 | 0.53 |
| Dividends to Common Shareholders from: | | | | | | |
| Net investment income | (0.44) | (0.88) ³ | (0.89) ³ | (0.86) ³ | (0.84) ³ | (0.67) ³ |
| Net realized gain | (0.00) ² | (0.03) ³ | | | (0.10) ³ | (0.02) ³ |
| Total dividends and distributions to Common Shareholders | (0.44) | (0.91) | (0.89) | (0.86) | (0.94) | (0.69) |
| Net asset value, end of period | \$ 14.82 | \$ 14.29 | \$ 16.35 | \$ 14.53 | \$ 15.00 | \$ 14.07 |
| Market price, end of period | \$ 13.42 | \$ 13.27 | \$ 16.31 | \$ 13.16 | \$ 14.92 | \$ 12.82 |
| Total Investment Return Applicable to Common Shareholders⁴ | | | | | | |
| Based on net asset value | 7.31% ⁵ | (7.41)% | 19.32% | 3.10% | 13.90% | 4.94% |
| Based on market price | 4.64% ⁵ | (13.81)% | 31.42% | (6.12)% | 24.34% | 6.22% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.63% ⁶ | 1.54% | 1.71% ⁷ | 1.13% ⁷ | 1.06% ⁷ | 1.22% ⁷ |
| Total expenses after fees waived | 1.63% ⁶ | 1.53% | 1.70% ⁷ | 1.12% ⁷ | 1.05% ⁷ | 1.21% ⁷ |
| Total expenses after fees waived and excluding interest expense, fees and amortization of offering costs ⁸ | 1.39% ^{6,9} | 1.29% ⁹ | 1.38% ^{7,9} | 1.08% ⁷ | 1.02% ⁷ | 1.11% ⁷ |
| Net investment income | 6.08% ⁶ | 5.34% | 5.31% ⁷ | 6.32% ⁷ | 6.64% ⁷ | 7.10% ⁷ |
| Dividends to AMPS shareholders | | | | 0.31% | 0.29% | 1.12% |
| Net investment income to Common Shareholders | 6.08% ⁶ | 5.34% | 5.31% | 6.01% | 6.35% | 5.98% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 131,786 | \$ 127,082 | \$ 144,942 | \$ 128,481 | \$ 132,281 | \$ 123,806 |
| AMPS outstanding at \$25,000 liquidation preference, end of period (000) | | | | | \$ 64,475 | \$ 64,475 |

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| | | | | | | | | |
|--|----|---------|----|---------|----|---------|----|---------|
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ | 64,400 | \$ | 64,400 | \$ | 64,400 | \$ | 64,400 |
| Portfolio turnover | | 10% | | 11% | | 21% | | 12% |
| Asset coverage per AMPS at \$25,000 liquidation preference, end of period | | | | | | | \$ | 76,294 |
| | | | | | | | \$ | 73,008 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ | 304,636 | \$ | 297,332 | \$ | 325,065 | \$ | 299,505 |

¹ Based on average Common Shares outstanding.

² Amount is greater than \$(0.005) per share.

³ Determined in accordance with federal income tax regulations.

⁴ Total investment 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 dividends and distributions.

⁵ Aggregate total investment return.

⁶ Annualized.

⁷ Does not reflect the effect of dividends to AMPS shareholders.

⁸ Interest expense, fees and amortization of offering costs relate to TOBs and/or VRDP Shares. See Note 3 and Note 9 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs and VRDP Shares, respectively.

⁹ For the six months ended January 31, 2014 and for the two years ended July 31, 2013 and July 31, 2012, the total expense ratio after fees waived and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 1.00%, 0.93% and 0.99%, respectively.

See Notes to Financial Statements.

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Table of Contents**Financial Highlights****BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

| | Six Months Ended January 31, 2014 (Unaudited) | | Year Ended July 31, | | | |
|---|--|---------------------|----------------------------|---------------------|---------------------|---------------------|
| | 2013 | 2012 | 2011 | 2010 | 2009 | |
| Per Share Operating Performance | | | | | | |
| Net asset value, beginning of period | \$ 14.59 | \$ 16.57 | \$ 14.97 | \$ 15.38 | \$ 14.28 | \$ 14.30 |
| Net investment income ¹ | 0.43 | 0.90 | 0.85 | 0.92 | 0.92 | 0.93 |
| Net realized and unrealized gain (loss) | 0.49 | (1.99) | 1.66 | (0.38) | 1.02 | (0.15) |
| Dividends to AMPS shareholders from net investment income | | | | (0.03) | (0.03) | (0.14) |
| Net increase (decrease) from investment operations | 0.92 | (1.09) | 2.51 | 0.51 | 1.91 | 0.64 |
| Dividends to Common Shareholders from net investment income | (0.44) | (0.89) ² | (0.91) ² | (0.92) ² | (0.81) ² | (0.66) ² |
| Net asset value, end of period | \$ 15.07 | \$ 14.59 | \$ 16.57 | \$ 14.97 | \$ 15.38 | \$ 14.28 |
| Market price, end of period | \$ 13.29 | \$ 13.07 | \$ 15.98 | \$ 13.94 | \$ 15.26 | \$ 12.87 |
| Total Investment Return Applicable to Common Shareholders³ | | | | | | |
| Based on net asset value | 6.84% ⁴ | (6.78)% | 17.34% | 3.84% | 14.18% | 5.88% |
| Based on market price | 5.18% ⁴ | (13.42)% | 21.53% | (2.55)% | 25.70% | 9.78% |
| Ratios to Average Net Assets Applicable to Common Shareholders | | | | | | |
| Total expenses | 1.53% ⁵ | 1.53% | 1.65% | 1.37% ⁶ | 1.15% ⁶ | 1.27% ⁶ |
| Total expenses after fees waived | 1.53% ⁵ | 1.53% | 1.65% | 1.36% ⁶ | 1.15% ⁶ | 1.25% ⁶ |
| Total expenses after fees waived and excluding interest expense, fees and amortization of offering costs ⁷ | 0.97% ⁵ | 0.94% | 1.28% ⁸ | 1.14% ⁶ | 1.00% ⁶ | 1.06% ⁶ |
| Net investment income | 5.94% ⁵ | 5.46% | 5.38% | 6.24% ⁶ | 6.17% ⁶ | 6.82% ⁶ |
| Dividends to AMPS shareholders | | | | 0.18% | 0.22% | 1.00% |
| Net investment income to Common Shareholders | 5.94% ⁵ | 5.46% | 5.38% | 6.06% | 5.95% | 5.82% |
| Supplemental Data | | | | | | |
| Net assets applicable to Common Shareholders, end of period (000) | \$ 173,330 | \$ 167,857 | \$ 190,562 | \$ 171,938 | \$ 176,530 | \$ 163,918 |
| AMPS outstanding at \$25,000 liquidation preference, end of period (000) | | | | | \$ 66,350 | \$ 66,350 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of period (000) | \$ 66,300 | \$ 66,300 | \$ 66,300 | \$ 66,300 | | |
| Portfolio turnover | 9% | 8% | 23% | 11% | 6% | 18% |

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| | | | | | | | |
|---|----|---------|----|---------|----|-----------|------------|
| Asset coverage per AMPS at \$25,000 liquidation preference, end of period | | | | | | \$ 91,517 | \$ 86,765 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of period | \$ | 361,433 | \$ | 353,178 | \$ | 387,425 | \$ 359,333 |

- ¹ Based on average Common Shares outstanding.
- ² Determined in accordance with federal income tax regulations.
- ³ Total investment 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 dividends and distributions.
- ⁴ Aggregate total investment return.
- ⁵ Annualized.
- ⁶ Does not reflect the effect of dividends to AMPS shareholders.
- ⁷ Interest expense, fees and amortization of offering costs related to TOBs and/or VRDP shares. See Note 3 and Note 9 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs and VRDP Shares, respectively.
- ⁸ For the year ended July 31, 2012, the total expense ratio after fees waived and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees was 0.99%.

See Notes to Financial Statements.

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Notes to Financial Statements (Unaudited)

1. Organization:

BlackRock MuniHoldings California Quality Fund, Inc. (MUC), BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ), BlackRock MuniYield Investment Quality Fund (MFT), BlackRock MuniYield Michigan Quality Fund, Inc. (MIY), BlackRock MuniYield New Jersey Quality Fund, Inc. (MJI) and BlackRock MuniYield Pennsylvania Quality Fund (MPA) (collectively, the Funds or individually a Fund), are registered under the Investment Company Act of 1940, as non-diversified, closed-end management investment companies. MUC, MUJ, MIY and MJI are organized as Maryland corporations. MFT and MPA are organized as a Massachusetts business trusts. The Boards of Directors and the Boards of Trustees of the Funds are collectively referred to throughout this report as the Board of Directors or the Board , and the directors/trustees 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.

2. Significant Accounting Policies:

The Funds financial statements are prepared in conformity with accounting principles generally accepted in the United States of America (US GAAP), which may require management to make estimates and assumptions that affect the reported amounts of assets and liabilities in 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. The following is a summary of the significant accounting policies followed by the Funds:

Valuation: US 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 Fund s determine the fair values of their financial instruments at market value using 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 provide oversight of the pricing function for the Funds for all financial instruments.

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. Financial futures contracts traded on exchanges are valued at their last sale price. Investments in open-end registered investment companies are valued at NAV each business day.

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 BlackRock Global Valuation Committee, or its delegate, in accordance with a policy approved by the Board as reflecting fair value (Fair Value Assets). When determining the price for Fair Value Assets, the Global Valuation Committee, or its delegate, seeks to determine the price that each Fund might reasonably expect to receive from the current sale of that asset 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 consistent with the principles of fair value measurements, which include the market approach, income approach and/or in the case of recent investments, the cost approach, as appropriate. The market approach, generally consists of using comparable market transactions. The income approach generally is used to discount future cash flows to present value and is adjusted for liquidity as appropriate. These factors include but are not limited to: (i) attributes specific to the investment or asset; (ii) the principal market for the investment or asset; (iii) the customary participants in the principal market for the investment or asset; (iv) data assumptions by market participants for the investment or asset, if reasonably available; (v) quoted prices for similar investments or assets in active markets; and (vi) other factors, such as future cash flows, interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks, recovery rates, liquidation amounts and/or default rates. Due to the inherent uncertainty of valuations of such investments, the fair values may differ from the values that would have been used had an active market existed. The Global Valuation Committee, or its delegate, employs various methods for calibrating valuation approaches for investments where an active market does not exist, including regular due diligence of the Fund s pricing vendors, regular reviews of key inputs and assumptions, transactional back-testing or disposition analysis to compare unrealized gains and losses to realized gains and losses, reviews of missing or stale prices and large movements in market values and reviews of any market related activity. The pricing of all Fair Value Assets is subsequently reported to the Board or a committee thereof on a quarterly basis.

Segregation and Collateralization: In cases where a Fund enters into certain investments (e.g. financial futures contracts,) or certain borrowings (e.g. TOBs) that would be senior securities for 1940 Act purposes, the Fund may segregate or designate on its books and records cash or liquid securities having a market value at least equal to the amount of the Fund s future obligations under such 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,

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the Fund 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. Dividend income is recorded on the ex-dividend dates. Interest income, including amortization and accretion of premiums and discounts on debt securities, is recognized on the accrual basis.

Dividends and Distributions: Dividends from net investment income are declared and paid monthly. Distributions of capital gains are recorded on the ex-dividend date. The character and timing of dividends and distributions are determined in accordance with federal income tax

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Notes to Financial Statements (continued)

regulations, which may differ from US GAAP. Dividends and distributions to Preferred Shareholders are accrued and determined as described in Note 9.

Income Taxes: It is each Fund's 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 US federal and various state and local tax returns. No income tax returns are currently under examination. The statute of limitations on the Funds' US federal tax returns remains open for each of the four years ended July 31, 2013. 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' facts and circumstances and does not believe there are any uncertain tax positions that require recognition of a tax liability.

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. 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.

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

The Funds have an arrangement with the custodian whereby fees may be reduced by credits earned on uninvested cash balances, which, if applicable, are shown as fees paid indirectly in the Statements of Operations. The custodian imposes fees on overdrawn cash balances, which can be offset by accumulated credits earned or may result in additional custody charges.

3. Securities and Other Investments:

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

Forward Commitments and When-Issued Delayed Delivery Securities: The 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. The Funds 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, the Funds may be required to pay more at settlement than the security is worth. In addition, the Funds are not entitled to any of the interest earned prior to settlement. When purchasing a security on a delayed delivery basis, the Funds assume 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, the Funds' maximum amount of loss is the unrealized appreciation of unsettled when-issued transactions, which is shown in the Schedules of Investments.

Municipal Bonds Transferred to TOBs: The Funds leverage their assets through the use of TOBs. A TOB is a special purpose entity established by a third party sponsor, into which a fund, or an agent on behalf of a fund, transfers municipal bonds into a trust (TOB Trust). Other funds managed by the investment advisor may also contribute municipal bonds to a TOB into which a Fund has contributed bonds. A TOB typically issues two classes of beneficial interests: short-term floating rate certificates (TOB Trust Certificates), which are sold to third party investors, and residual certificates (TOB Residuals), which are generally issued to the participating funds that contributed the municipal bonds to the TOB Trust. If multiple funds participate in the same TOB, the rights and obligations under the TOB Residual will be shared among the funds ratably.

in proportion to their participation.

The TOB Residuals held by a Fund include the right of a Fund (1) to cause the holders of a proportional share of the TOB Trust Certificates to tender their certificates at par plus accrued interest upon the occurrence of certain mandatory tender events defined in the TOB agreements, and (2) to transfer, subject to a specified number of days' prior notice, a corresponding share of the municipal bonds from the TOB to a Fund. The TOB may also be collapsed without the consent of a Fund, as the TOB Residual holder, upon the occurrence of certain termination events as defined in the TOB agreements. Such termination events may include the bankruptcy or default of the municipal bond, a substantial downgrade in credit quality of the municipal bond, the inability of the TOB to obtain renewal of the liquidity support agreement, a substantial decline in market value of the municipal bond and a judgment or ruling that interest on the municipal bond is subject to federal income taxation. Upon the occurrence of a termination event, the TOB would generally be liquidated in full with the proceeds typically applied first to any accrued fees owed to the trustee, remarketing agent and liquidity provider, and then to the holders of the TOB Trust Certificates up to par plus accrued interest owed on the TOB Trust Certificates, with the balance paid out to the TOB Residual holder. During the six months ended January 31, 2014, no TOBs in which the Funds participated were terminated without the consent of the Funds.

The cash received by the TOB from the sale of the TOB Trust Certificates, less transaction expenses, is paid to a Fund. The Funds typically invests

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Notes to Financial Statements (continued)

the cash received in additional municipal bonds. Each Fund's transfer of the municipal bonds to a TOB Trust is accounted for as a secured borrowing; therefore, the municipal bonds deposited into a TOB are presented in the Funds' Schedules of Investments and the TOB Trust Certificates are shown in other liabilities in the Statements of Assets and Liabilities. The carrying amount of each Fund's payable to the holder of the TOB Trust Certificates, as reported in Statements of Assets and Liabilities as TOB Trust Certificates, approximates its fair value.

The Funds may invest in TOBs on either a non-recourse or recourse basis. TOB Trusts are typically supported by a liquidity facility provided by a 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 from the Liquidity Provider of par plus accrued interest on any business day prior to the occurrence of the termination events described above. When a Fund invests in TOBs on a non-recourse basis, and the Liquidity Provider is required to make a payment under the liquidity facility due to a termination event, the Liquidity Provider will typically liquidate all or a portion of the municipal securities held in the TOB Trust and then fund, on a net basis, 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 on a recourse basis, the Fund will typically enter into a reimbursement agreement with the Liquidity Provider where the Fund is required to repay the Liquidity Provider the amount of any Liquidation Shortfall. As a result, a Fund investing in a recourse TOB will bear the risk of loss with respect to any Liquidation Shortfall. If multiple funds participate in any such TOB, these losses will be shared ratably, including the maximum potential amounts owed by the Funds at January 31, 2014, in proportion to their participation. The recourse TOB Trusts are identified in the Schedules of Investments including the maximum potential amounts owed by the Funds at January 31, 2014.

Interest income, including amortization and accretion of premiums and discounts, from the underlying municipal bonds is recorded by the Funds on an accrual basis. Interest expense incurred on the secured borrowing and other expenses related to remarketing, administration and trustee services to a TOB are shown as interest expense, fees and amortization of offering costs in the Statements of Operations. The TOB Trust Certificates have interest rates that generally reset weekly and their holders have the option to tender such certificates to the TOB for redemption at par at each reset date. At January 31, 2014, the aggregate value of the underlying municipal bonds transferred to TOBs, the related liability for TOB Trust Certificates and the range of interest rates on the liability for TOB Trust Certificates were as follows:

| | Underlying Municipal Bonds Transferred to TOBs | Liability for TOB Trust Certificates | Range of Interest Rates |
|-----|--|--|----------------------------|
| MUC | \$ 309,774,611 | \$ 150,520,948 | 0.04% - 0.12% |
| MUJ | \$ 62,062,637 | \$ 34,699,311 | 0.04% - 0.10% |
| MFT | \$ 37,578,671 | \$ 20,333,757 | 0.04% - 0.24% |
| MIY | \$ 45,915,175 | \$ 23,487,000 | 0.04% - 0.19% |
| MJI | \$ 31,578,169 | \$ 18,044,269 | 0.04% - 0.10% |
| MPA | \$ 69,741,977 | \$ 38,993,653 | 0.05% - 0.16% |

For the six months ended January 31, 2014, the Funds' average TOB Trust Certificates outstanding and the daily weighted average interest rate, including fees, were as follows:

| | Average TOB Trust Certificates Outstanding | Daily Weighted Average Interest Rate |
|-----|--|--|
| MUC | \$ 159,482,507 | 0.59% |
| MUJ | \$ 35,496,826 | 0.67% |
| MFT | \$ 22,487,491 | 0.70% |
| MIY | \$ 26,162,010 | 0.55% |
| MJI | \$ 18,451,952 | 0.70% |
| MPA | \$ 40,605,908 | 0.63% |

Should short-term interest rates rise, the Funds' investments in TOBs 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.

4. 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 economically hedge their exposure to certain risks such as interest rate risk. These contracts may be transacted on an exchange or OTC.

Financial Futures Contracts: The Funds purchase and/or sell financial futures contracts and options on financial futures contracts to gain exposure to, or economically hedge against, changes in interest rates (interest rate risk). Financial 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 at a specified date. Depending on the terms of the particular contract, financial futures contracts are settled either through physical delivery of the underlying instrument on the settlement date or by payment of a cash settlement amount on the settlement date.

Upon entering into a financial 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 on the Schedules of Investments and cash deposited, if any, is recorded on the Statements of Assets and Liabilities as cash pledged for financial futures contracts. 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 value of the contract. Such receipts or payments are known as variation margin. Variation margin is recorded by the Funds as unrealized appreciation or depreciation and, if applicable, as a receivable or payable for variation margin in the Statements of Assets and Liabilities.

When the contract is closed, the Funds record a realized gain or loss 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 financial futures contracts involves the risk of an imperfect correlation in the movements in the price of financial futures contracts, interest rates and the underlying assets.

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Notes to Financial Statements (continued)

The following is a summary of the Funds' derivative financial instruments categorized by risk exposure:

Fair Values of Derivative Financial Instruments as of January 31, 2014
Liabilities Derivatives

| | Statements of Assets and Liabilities Location | Value | | | | | |
|-------------------------|--|--------------|--------------|-------------|-------------|-------------|--------------|
| | | MUC | MUJ | MFT | MIY | MJI | MPA |
| Interest rate contracts | Net unrealized appreciation/depreciation ¹ | \$ (553,625) | \$ (122,165) | \$ (58,458) | \$ (99,953) | \$ (55,529) | \$ (204,863) |

¹ Includes cumulative appreciation/depreciation on financial futures contracts as reported in the Schedules of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities.

The Effect of Derivative Financial Instruments in the Statements of Operations
Six Months Ended January 31, 2014

| | Net Realized Gain From | | | | | |
|-----------------------------|--|--------------|-------------|-------------|-------------|--------------|
| | MUC | MUJ | MFT | MIY | MJI | MPA |
| Interest rate contracts: | | | | | | |
| Financial futures contracts | \$ 39,559 | \$ 68,608 | \$ 63,138 | \$ 56,141 | \$ 31,189 | \$ 93,974 |
| | Net Change in Unrealized Depreciation on | | | | | |
| | MUC | MUJ | MFT | MIY | MJI | MPA |
| Interest rate contracts: | | | | | | |
| Financial futures contracts | \$ (553,625) | \$ (122,165) | \$ (58,458) | \$ (99,953) | \$ (55,529) | \$ (204,863) |

For the six months ended January 31, 2014, the average quarterly balances of outstanding derivative financial instruments were as follows:

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|--|---------------|---------------|---------------|--------------|--------------|---------------|
| Financial futures contracts: | | | | | | |
| Average number of contracts sold | 400 | 83 | 91 | 68 | 38 | 110 |
| Average notional value of contracts sold | \$ 50,621,875 | \$ 10,418,633 | \$ 11,501,188 | \$ 8,254,336 | \$ 4,735,742 | \$ 13,832,500 |

Counterparty Credit Risk: 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) of the clearing broker or clearinghouse. 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.

5. Investment Advisory Agreement and Other Transactions with Affiliates:

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

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Each Fund entered into an Investment Advisory Agreement with BlackRock Advisors, LLC (the Manager), the Funds investment advisor, 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 necessary 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 based on a percentage of each Fund's average daily net assets at the following annual rates:

| | |
|-----|-------|
| MUC | 0.55% |
| MUJ | 0.55% |
| MFT | 0.50% |
| MIY | 0.50% |
| MJI | 0.50% |
| MPA | 0.50% |

Average daily net assets are the average daily value of each Fund's total assets minus its total accrued liabilities.

The Manager voluntarily agreed to waive its investment advisory fees by the amount of investment advisory fees each Fund pays to the Manager

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Notes to Financial Statements (continued)

indirectly through its investment in affiliated money market funds. However, the Manager does not waive its investment advisory fees by the amount of investment advisory fees paid in connection with each Fund's investment in other affiliated investment companies, if any. These amounts are included in fees waived by Manager in the Statements of Operations. For the six months ended January 31, 2014, the amounts waived were as follows:

| | |
|-----|----------|
| MUC | \$ 1,314 |
| MUJ | \$ 3,216 |
| MFT | \$ 212 |
| MIY | \$ 80 |
| MJI | \$ 1,356 |
| MPA | \$ 77 |

The Manager, for MUC and MUJ, voluntarily agreed to waive its investment advisory fee on the proceeds of the Preferred Shares and TOBs that exceed 35% of total assets minus the sum of its accrued liabilities. This amount is included in fees waived by Manager in the Statements of Operations. For the six months ended January 31, 2014 the waivers were:

| | |
|-----|------------|
| MUC | \$ 253,712 |
| MUJ | \$ 117,037 |

The Manager entered into a sub-advisory agreement with BlackRock Investment Management, LLC (BIM), an affiliate of the Manager. The Manager pays BIM for services it provides, a monthly fee that is a percentage of the investment advisory fees paid by each Fund to the Manager.

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.

The Funds may purchase securities from, or sell securities to, an affiliated fund provided the affiliation is solely due to having a common investment adviser, common officers or common directors. For the six months ended January 31, 2014, the sale transactions with an affiliated fund in compliance with Rule 17a-7 under the 1940 Act for MFT was \$1,921,337.

6. Purchases and Sales:

Purchases and sales of investments, excluding short-term securities, for the six months ended January 31, 2014 were as follows:

| | Purchases | Sales |
|-----|----------------|----------------|
| MUC | \$ 104,293,714 | \$ 131,201,031 |
| MUJ | \$ 50,094,240 | \$ 51,636,047 |
| MFT | \$ 47,151,933 | \$ 52,403,703 |
| MIY | \$ 24,211,485 | \$ 37,683,728 |
| MJI | \$ 20,586,622 | \$ 22,183,910 |
| MPA | \$ 25,173,649 | \$ 37,187,245 |

7. Income Tax Information:

As of July 31, 2013, the Funds had capital loss carryforwards available to offset future realized capital gains through the indicated expiration dates as follows:

| Expires July 31, | MUC | MFT | MIY | MPA |
|------------------|---------------------|---------------------|---------------------|---------------------|
| 2016 | | | \$ 1,401,889 | |
| 2017 | \$ 6,504,940 | | 2,031,132 | \$ 1,066,968 |
| 2018 | | \$ 4,665,782 | | 893,908 |
| 2019 | | | | 50,303 |
| Total | \$ 6,504,940 | \$ 4,665,782 | \$ 3,433,021 | \$ 2,011,179 |

As of January 31, 2014, gross unrealized appreciation and depreciation based on cost for federal income tax purposes were as follows:

| | MUC | MUJ | MFT | MIY | MJI | MPA |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Tax cost | \$ 816,744,350 | \$ 468,242,453 | \$ 164,037,324 | \$ 390,443,110 | \$ 188,060,319 | \$ 231,238,557 |
| Gross unrealized appreciation | \$ 46,737,588 | \$ 24,554,495 | \$ 11,181,125 | \$ 17,776,008 | \$ 8,998,278 | \$ 9,377,821 |
| Gross unrealized depreciation | (5,192,017) | (3,931,202) | (903,147) | (6,633,090) | (2,267,505) | (3,341,151) |
| Net unrealized appreciation | \$ 41,545,571 | \$ 20,623,293 | \$ 10,277,978 | \$ 11,142,918 | \$ 6,730,773 | \$ 6,036,670 |

8. Concentration, Market and Credit Risk:

MUC, MUJ, MIY, MJI and MPA invest a substantial amount of their assets in issuers located in a single state or limited number of states. Please see the Schedules of Investments for concentrations in specific states or US territories.

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.

In the normal course of business, the Funds invest in securities and enter into transactions where risks exist due to fluctuations in the market (market risk) or failure of the issuer of a security to meet all its obligations (issuer credit risk). The value of securities held by the Funds may decline in response to certain events, including those directly involving the issuers whose securities are owned by the Funds; conditions affecting the general economy; overall market changes; local, regional or global political, social or economic instability; and currency and interest rate and price fluctuations. Similar to issuer credit risk, the Funds may be exposed to counterparty credit risk, or the risk that an entity with which the Funds have unsettled or open transactions may fail to or be unable to perform on its commitments. The Funds manage counterparty credit risk by entering into

Table of Contents**Notes to Financial Statements (continued)**

transactions only with counterparties that they believe 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 generally approximated by their value recorded in the Statements of Assets and Liabilities, less any collateral held by the Funds.

The Funds invest a significant portion of its assets in fixed-income securities and/or uses derivatives tied to the fixed income markets. See the Schedules of Investments for these securities and/or derivatives. Changes in market interest rates or economic conditions, including the Federal Reserve's decision in December 2013 to taper its quantitative easing policy, 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.

As of January 31, 2014, MUC, MIY and MPA invested a significant portion of their assets in securities in the county/city/special district/school district sector. MIY invested a significant portion of its assets in securities in the education sector. MUJ and MJI invested a significant portion of their assets in securities in the state sector. MUJ, MFT and MJI invested a significant portion of their assets in securities in the transportation sector. MUC and MFT also invested a significant portion of their assets in securities in the utilities sector. Changes in economic conditions affecting the county/city/special district/school district, education, state, transportation and utilities sectors would have a greater impact on the Funds and could affect the value, income and/or liquidity of positions in such securities.

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.

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 prohibit banking entities from engaging in proprietary trading of certain instruments and limit such entities' investments in, and relationships with, covered funds, as defined in the rules. Banking entities subject to the rules are required to fully comply by July 21, 2015. These rules may preclude banking entities and their affiliates from (i) sponsoring TOB trust programs (as such programs are presently structured) and (ii) continuing relationships with or services for existing TOB trust programs. As a result, TOB trusts may need to be restructured or unwound. There can be no assurances that TOB trusts can be restructured, that new sponsors of TOB trusts will develop, or that alternative forms of leverage will be available to the Fund. Any alternative forms of leverage may be more or less advantageous to the Fund than existing TOB leverage.

TOB transactions constitute an important component of the municipal bond market. Accordingly, implementation of the Volcker Rule 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 Fund. The ultimate impact of these rules on the TOB market and the overall municipal market is not yet certain.

9. Capital Share Transactions:

MFT and MPA are authorized to issue an unlimited number of shares, 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 \$0.05. Each Fund's Board is authorized, however, to reclassify any unissued Common Shares to Preferred Shares without approval of Common Shareholders.

MUC, MUJ, MIY and MJI are authorized to issue 200 million shares, par value \$0.10 per share, all of which were initially classified as Common Shares. Each Fund's Board is authorized, however, to reclassify any unissued Common Shares to Preferred Shares without approval of Common Shareholders.

Common Shares

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

| | Six Months Ended | Year Ended |
|------------------|---------------------|---------------|
| | January 31, 2014 | July 31, 2013 |
| MUC | | 111,790 |
| MUJ | | 29,853 |
| MFT | | 5,789 |
| MIY | | 29,750 |
| MJI | | 28,723 |
| MPA | | 3,912 |
| 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 the Fund. The 1940 Act prohibits the declaration of any dividend on the Fund's Common Shares or the repurchase of the Fund's Common Shares if the Fund fails to maintain the asset coverage of at least 200% of the liquidation preference of the outstanding Preferred Shares. In addition, pursuant to the Preferred Shares governing instrument, the Fund is restricted from declaring and paying dividends on classes of shares ranking junior to or on parity with the Preferred Shares or repurchasing such shares if the Fund fails to declare and pay dividends on the Preferred Shares, redeem any Preferred Shares required to be redeemed under the Preferred Shares governing instrument or comply with the basic maintenance amount requirement of the rating agencies then rating the Preferred Shares.

The holders of Preferred Shares have voting rights equal to 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. However, the holders of Preferred Shares, voting as a separate class, are also entitled to elect two Directors for each Fund. In addition, the 1940 Act requires that along with approval by shareholders that might otherwise be required, the approval of the holders of a majority of any outstanding

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Notes to Financial Statements (continued)

Preferred Shares, voting separately as a class would be required 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

MUJ, MIY, MJI and MPA (collectively, the VRDP Funds), have issued Series W-7 VRDP Shares, \$100,000 liquidation value per share, in a privately negotiated offering. 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) and include a liquidity feature, pursuant to a liquidity agreement, that allows the holders of VRDP Shares to have their shares purchased by the liquidity provider in the event of a failed remarketing. The VRDP Funds are required to redeem the VRDP Shares owned by the liquidity provider after six months of continuous, unsuccessful remarketing. Upon the occurrence of the first unsuccessful remarketing, the VRDP Funds are required to segregate liquid assets to fund the redemption. The VRDP Shares are subject to certain restrictions on transfer.

The VRDP Shares outstanding as of the six months ended January 31, 2014, were as follows:

| | Issue Date | Shares Issued | Aggregate Principal | Maturity Date |
|-----|-----------------------|--------------------------|--------------------------------|--------------------------|
| MUJ | 6/30/11 | 1,727 | \$ 172,700,000 | 7/01/41 |
| MIY | 4/21/11 | 1,446 | \$ 144,600,000 | 5/01/41 |
| MJI | 6/30/11 | 644 | \$ 64,400,000 | 7/01/41 |
| MPA | 5/19/11 | 633 | \$ 66,300,000 | 6/01/41 |

The VRDP Funds entered into a fee agreement with the liquidity provider that may require 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.

The fee agreement between MUJ and MJI and its respective liquidity provider is for a 364-day term and expired on June 26, 2013. MUJ and MJI renewed its respective fee agreement for an additional 364 days.

The fee agreement between MUJ, MIY, MJI and MPA and the liquidity provider are scheduled to expire, unless renewed or terminated in advance, as follows:

| | Date |
|-----|-------------|
| MUJ | 6/25/14 |
| MIY | 7/09/15 |
| MJI | 6/25/14 |
| MPA | 7/09/15 |

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. The VRDP Funds are required to redeem any VRDP Shares purchased by the liquidity provider six months after the purchase date. Immediately after the purchase of any VRDP Shares by the liquidity provider, the VRDP Funds are required to begin to segregate liquid assets with the VRDP Fund's 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.

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 its outstanding VRDP Shares if it fails to maintain certain asset coverage, basic maintenance amount or leverage requirements.

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Subject to certain conditions, the VRDP Shares may be redeemed, in whole or in part, at any time at the option of the VRDP Funds. The redemption price per VRDP Share is equal to the liquidation value per share plus any outstanding unpaid 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 a long-term rating 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 January 31, 2014, the VRDP Shares were assigned a long term rating of Aa2 from Moody's under its new rating methodology. The VRDP Shares continue to be assigned a long-term rating of AAA from Fitch.

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 related based upon either short-term rating. As of January 31, 2014, the short-term ratings of the liquidity provider and the VRDP Shares for MUJ and MJI were P-1, F1 and A1 as rated by Moody's, Fitch and/or S&P, respectively, which is within the two highest rating categories. 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. The short-term ratings on the VRDP Shares for MIY and MPA were withdrawn by Moody's, Fitch and/or S&P at the commencement of the special rate period, as described below.

For financial reporting purposes, the VRDP Shares are considered debt of the issuer; therefore, the liquidation value, which approximates fair value of the VRDP Shares is recorded as a liability in the Statements of Assets

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Notes to Financial Statements (continued)

and Liabilities. 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.

The VRDP Funds may incur remarketing fees of 0.10% on the aggregate principal amount of all the VRDP Shares, which, if any, are included in remarketing fees on Preferred Shares in the Statements of Operations. All of the remarketable VRDP Shares that were tendered for remarketing during the six months January 31, 2014 were successfully remarketed.

The annualized dividend rates for the VRDP Shares for the six months ended January 31, 2014, were as follows:

| | Rate |
|-----|-------------|
| MUJ | 0.27% |
| MIY | 1.01% |
| MJI | 0.27% |
| MPA | 1.01% |

On June 21, 2012, MIY and MPA announced a special rate period for a three-year term ending June 24, 2015 with respect to their VRDP Shares. The liquidity and fee agreements remain in effect for the duration of the special rate period and the VRDP Shares are still subject to mandatory redemption by MIY and MPA on maturity date. The VRDP Shares will not be remarketed or subject to optional or mandatory tender events during such time. During the special rate period, MIY and MPA are required to maintain the same asset coverage, basic maintenance amount and leverage requirements for the VRDP Shares. MIY and MPA will not pay any liquidity and remarketing fees during the special rate period and instead will pay dividends monthly based on the sum of the Securities Industry and Financial Markets Association SIFMA Municipal Swap Index and a percentage per annum based on the long-term ratings assigned to the VRDP Shares. The short-term ratings were withdrawn by Moody's, Fitch and/or S&P. Short-term ratings may be re-assigned upon the termination of the special rate period when the VRDP Shares revert back to remarketable securities.

If MIY or MPA redeem the VRDP Shares on a date that is one year or more before the end of the special rate period and the VRDP Shares are rated above A1/A by Moody's and Fitch respectively, then such redemption is 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 maintain minimum asset coverage requirements. After June 24, 2015, the holder of the VRDP Shares and MIY and MPA may mutually agree to extend the special rate period. If the special rate period is not extended, the VRDP Shares will revert back to remarketable securities and will be remarketed and available for purchase by qualified institutional investors.

VRDP Shares issued and outstanding remained constant for the six months ended January 31, 2014.

VMTP Shares

MUC and MFT (collectively, the VMTP Funds), have issued Series W-7 VMTP Shares, \$100,000 liquidation value per share, in a privately negotiated offering and sale of VMTP Shares exempt from registration under the Securities Act.

The VMTP Shares outstanding as of the six months ended January 31, 2014 were as follows:

| | Issue Date | Shares Issued | Aggregate Principal | Term Date |
|-----|-----------------------|--------------------------|--------------------------------|----------------------|
| MUC | 3/22/12 | 2,540 | \$ 254,000,000 | 4/01/15 |
| MFT | 12/16/11 | 565 | \$ 56,500,000 | 1/02/15 |

Each VMTP Fund is required to redeem its VMTP Shares on the term date, unless earlier redeemed or repurchased or unless extended. There is no assurance that the term of a Fund's VMTP Shares will be extended or that a Fund's VMTP Shares will be replaced with any other preferred shares or other form of leverage upon the redemption or repurchase of the VMTP Shares. Six months prior to term date, each VMTP Fund is

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required to begin to segregate liquid assets with the Fund's custodian to fund the redemption. In addition, each VMTP Fund is required to redeem certain of its outstanding VMTP Shares if it fails to maintain certain asset coverage, basic maintenance amount or leverage requirements.

Subject to certain conditions, a Fund's VMTP Shares may be redeemed, in whole or in part, at any time at the option of the Fund. The redemption price per VMTP Share is equal to the liquidation value per share plus any outstanding unpaid dividends and applicable redemption premium. If the Fund redeems the VMTP Shares on a date that is one year or more prior to the term date and the VMTP Shares are rated above A1/A+ by Moody's and Fitch, respectively, then such redemption is subject to a prescribed redemption premium (up to 3% of the liquidation preference) payable to the holder of the VMTP Shares based on the time remaining to the term date, subject to certain exceptions for redemptions that are required to maintain minimum asset coverage requirements. The VMTP Shares are subject to certain restrictions on transfer, and a Fund may also be required to register the VMTP Shares for sale under the Securities Act under certain circumstances. In addition, amendments to the VMTP governing document generally require the consent of the holders of VMTP Shares.

Dividends on the VMTP Shares are declared daily and payable monthly at a variable rate set weekly at a fixed rate spread to the SIFMA Municipal Swap Index. The fixed spread is determined based on the long-term preferred share rating assigned to the VMTP Shares by Moody's and Fitch. At the date of issuance, the VMTP Shares were assigned long-term ratings of Aaa from Moody's and AAA from Fitch. Subsequent to the issuance of the VMTP Shares, Moody's completed a review of its methodology for rating securities issued by registered closed-end funds. As of January 31, 2014, the VMTP Shares of MUC and MFT were assigned a long-term rating of Aa2 and Aa1, respectively, from Moody's under its new ratings methodology. The VMTP Shares continue to be assigned a long-term rating of AAA from Fitch. The dividend rate on the VMTP Shares is subject to a step-up spread if the Fund fails to comply with certain provisions, including, among other

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Notes to Financial Statements (concluded)

things, the timely payment of dividends, redemptions or gross-up payments, and maintaining certain asset coverage and leverage requirements.

The average annualized dividend rates for the VMTP Shares for the six months ended January 31, 2014 were as follows:

| | Rate |
|-----|-------------|
| MUC | 1.06% |
| MFT | 1.06% |

For financial reporting purposes, the VMTP Shares are considered debt of the issuer; therefore the liquidation value, which approximates fair value, of the VMTP Shares is recorded as a liability in the Statements of Assets and Liabilities. 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 VMTP Shares are included as a component of interest expense, fees and amortization of offering costs in the Statements of Operations. The VMTP Shares are treated as equity for tax purposes. Dividends paid to holders of the VMTP Shares are generally classified as tax-exempt income for tax-reporting purposes.

VMTP Shares issued and outstanding remained constant for the six months ended January 31, 2014.

Offering Costs: The Funds incurred costs in connection with the issuance of VRDP Shares and/or VMTP Shares. For VRDP Shares, these costs were recorded as a deferred charge and will be amortized over the 30-year 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. For VMTP Shares, these costs were recorded as a deferred charge and will be amortized over the 3-year life of the VMTP Shares. Amortization of these costs is included in interest expense, fees and amortization of offering costs in the Statements of Operations.

10. 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:

On February 28, 2014, the Boards of MUJ and MJI authorized the Funds to designate an approximate three-year period, during which the VRDP Shares will not be subject to any remarketing and the dividend rate will be based on a predetermined methodology (the "special rate period"). Subject to the Funds' final determination to implement the special rate period and the receipt of required approvals from the liquidity provider and remarketing agent and other requirements, it is currently expected that the implementation and commencement of the special rate period will occur sometime in the second quarter of 2014. The implementation of the special rate period will result in a mandatory tender of the VRDP Shares prior to the commencement of the special rate period. The VRDP Shares will remain subject to mandatory redemption by the Funds on the VRDP Shares' maturity date.

Each Fund paid a net investment income dividend on March 3, 2014 to Common Shareholders of record on February 14, 2014 as follows:

| | Common Dividend Per Share |
|-----|--|
| MUC | \$ 0.0715 |
| MUJ | \$ 0.0740 |
| MFT | \$ 0.0710 |
| MIY | \$ 0.0740 |
| MJI | \$ 0.0740 |
| MPA | \$ 0.0740 |

Additionally, the Funds declared a net investment income dividend on March 3, 2014 payable to Common Shareholders of record on March 14, 2014 for the same amounts noted above.

The dividends declared on Preferred Shares for the period February 1, 2014 to February 28, 2014 were as follows:

| | Series | Dividends Declared |
|-----------------|--------|-----------------------|
| MUC VMTP Shares | W-7 | \$ 201,530 |
| MUJ VRDP Shares | W-7 | \$ 31,796 |
| MFT VMTP Shares | W-7 | \$ 44,828 |
| MIY VRDP Shares | W-7 | \$ 109,104 |
| MJI VRDP Shares | W-7 | \$ 11,857 |
| MPA VRDP Shares | W-7 | \$ 50,025 |

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Officers and Directors

Richard E. Cavanagh, Chairman of the Board and Director

Karen P. Robards, Vice Chairperson of the Board, Chairperson of the Audit Committee and Director

Paul. L. Audet, President¹ and Director

Michael J. Castellano, Director and Member of the Audit Committee

Frank J. Fabozzi, Director and Member of the Audit Committee

Kathleen F. Feldstein, Director

James T. Flynn, Director and Member of the Audit Committee

Henry Gabbay, Director

Jerrold B. Harris, Director

R. Glenn Hubbard, Director

W. Carl Kester, Director and Member of the Audit Committee

John M. Perlowski, President² and Chief Executive Officer

Brendan Kyne, Vice President

Robert C. Crothers, Vice President

Neal Andrews, Chief Financial Officer

Jay Fife, Treasurer

Brian Kindelan, Chief Compliance Officer and Anti-Money Laundering Officer

Janey Ahn, Secretary

¹ For MFT and MPA.

² For all Funds except MFT and MPA.

Investment Advisor

BlackRock Advisors, LLC

Wilmington, DE 19809

Sub-Advisor

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BlackRock Investment Management, LLC

Princeton, NJ 08540

Custodians

State Street Bank and Trust Company³

Boston, MA 02110

The Bank of New York Mellon⁴

New York, NY 10286

Transfer Agent

Common Shares

Computershare Trust Company, N.A.

Canton, MA 02021

VRDP Tender and Paying Agent and

VMTP Redemption and Paying Agent

The Bank of New York Mellon

New York, NY 10289

VRDP Liquidity Providers

Citibank, N.A.⁵

New York, NY 10179

Bank of America, N.A.⁶

New York, NY 10036

VRDP Remarketing Agents

Citigroup Global Markets Inc.⁵

New York, NY 10179

Merrill Lynch, Pierce, Fenner & Smith Incorporated⁶

New York, NY 10036

Accounting Agent

State Street Bank and Trust Company

Boston, MA 02110

Independent Registered Public Accounting Firm

Deloitte & Touche LLP

Boston, MA 02116

Legal Counsel

Skadden, Arps, Slate, Meagher & Flom LLP

New York, NY 10036

Address of the Funds

100 Bellevue Parkway

Wilmington, DE 19809

³ For MPA.

⁴ For all Funds except MPA.

⁵ For MIY and MPA.

⁶ For MUJ and MJJ.

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Additional Information

Regulation Regarding Derivatives

Effective December 31, 2012, the Commodity Futures Trading Commission (CFTC) adopted certain regulatory changes that subjects registered investment companies and advisers to registered investment companies to regulation by the CFTC if a fund invests more than a prescribed level of its net assets in CFTC-regulated futures, options and swaps (CFTC Derivatives), or if a fund markets itself as providing investment exposure to such instruments. To the extent a Fund uses CFTC-regulated futures, options and swaps, it intends to do so below such prescribed levels and will not market itself as a commodity pool or a vehicle for trading such instruments. Accordingly, BlackRock Advisors, LLC has claimed an exclusion from the definition of the term commodity pool operator under the Commodity Exchange Act (CEA) pursuant to Rule 4.5 under the CEA. BlackRock Advisors, LLC is not, therefore, subject to registration or regulation as a commodity pool operator under the CEA in respect to each Fund.

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 dividend 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 dividends 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. There have been no changes in the persons who are primarily responsible for the day-to-day management of the Funds' portfolios.

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>. 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.

Electronic Delivery

Electronic copies of most financial reports are available on the Funds' website or shareholders can sign up for e-mail notifications of quarterly statements, annual and semi-annual reports by enrolling in the Funds' electronic delivery program.

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

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

Householding

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 househanded indefinitely unless you instruct us otherwise. If you do not want the mailing of these documents to be combined with those for other members of your household, please call the Funds at (800) 882-0052.

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Additional Information (continued)

General 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, DC. Information on 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 (1) without charge, upon request, 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 periodically 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.

Shelf Offering Program

From time-to-time, each Fund may seek to raise additional equity capital through an equity shelf program (a Shelf Offering). In a Shelf Offering, a Fund may, subject to market conditions, raise additional equity capital by issuing new Common Shares from time to time in varying amounts at a net price at or above the Fund's net asset value (NAV) per Common Share (calculated within 48 hours of pricing). While any such Shelf Offering may allow a Fund to pursue additional investment opportunities without the need to sell existing portfolio investments, it could also entail risks including that the issuance of additional Common Shares may limit the extent to which the Common Shares are able to trade at a premium to NAV in the secondary market. The Funds have not filed a registration statement with respect to any Shelf Offerings. This report is not an offer to sell Fund Common Shares and is not a solicitation of an offer to buy Fund Common Shares. If a Fund files a registration statement with respect to any Shelf Offering, the prospectus contained therein will contain more complete information about the Fund and should be read carefully before investing.

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Additional Information (concluded)

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.

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This report is transmitted to shareholders only. 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 the short-term dividend rates of the Preferred Shares may reduce the Common Shares yield. Statements and other information herein are as dated and are subject to change.

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- 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

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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 Michigan Quality Fund, Inc.

By: /s/ John M. Perlowski
John M. Perlowski
Chief Executive Officer (principal executive officer) of

BlackRock MuniYield Michigan Quality Fund, Inc.

Date: April 2, 2014

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 Michigan Quality Fund, Inc.

Date: April 2, 2014

By: /s/ Neal J. Andrews
Neal J. Andrews
Chief Financial Officer (principal financial officer) of

BlackRock MuniYield Michigan Quality Fund, Inc.

Date: April 2, 2014