

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)

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BlackRock MuniYield Investment Quality Fund (MFT)

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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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SEMI-ANNUAL REPORT

JANUARY 31, 2014

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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.

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

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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SEMI-ANNUAL REPORT

JANUARY 31, 2014

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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Table of Contents**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 Allocation¹	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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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 Instruments ²				
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		
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		