

BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND

Form N-CSRS

April 03, 2013

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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 811-07136

Name of Fund: BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

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

Date of fiscal year end: 07/31/2013

Date of reporting period: 01/31/2013

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Item 1 Report to Stockholders

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JANUARY 31, 2013

SEMI-ANNUAL REPORT (UNAUDITED)

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Not FDIC Insured May Lose Value No Bank Guarantee

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Dear Shareholder

Financial markets have substantially improved over the past year, providing investors with considerable relief compared to where things were during the global turmoil seen in 2011. Despite a number of headwinds, higher-risk asset classes boasted strong returns as investors sought meaningful yields in the ongoing low-interest-rate environment.

Rising investor confidence drove equity markets higher in early 2012, while climbing US Treasury yields pressured higher-quality fixed income assets. The second quarter, however, brought a market reversal as Europe's debt crisis boiled over once again. Political instability in Greece and severe deficit and liquidity problems in Spain raised the specter of a euro collapse. Alongside the drama in Europe, investors were discouraged by gloomy economic reports from various parts of the world. A slowdown in China, a key powerhouse for global growth, emerged as a particular concern. But as the outlook for the global economy worsened, investors grew increasingly optimistic that the world's largest central banks would soon intervene to stimulate growth. This theme, along with the European Central Bank's (ECB's) firm commitment to preserve the euro currency bloc, drove most asset classes higher through the summer. Policy relief came in early September, when the ECB announced its decision to support the eurozone's troubled peripheral countries with unlimited purchases of short term sovereign debt. Days later, the US Federal Reserve announced its own much-anticipated stimulus package.

Although financial markets world-wide were buoyed by accommodative monetary policy, risk assets weakened in the fall. Global trade slowed as many European countries fell into recession and growth continued to decelerate in China, where a once-a-decade leadership change compounded uncertainty. In the United States, stocks slid on lackluster corporate earnings reports and market volatility rose during the lead up to the US Presidential election. In the post-election environment, investors grew increasingly concerned over automatic tax increases and spending cuts that had been scheduled to take effect at the beginning of 2013 (known as the fiscal cliff). There was widespread fear that the fiscal cliff would push the nation into recession unless politicians could agree upon alternate measures to reduce the deficit before the end of 2012. Worries that bipartisan gridlock would preclude a timely budget deal triggered higher levels of volatility in financial markets around the world in the months leading up to the last day of the year. Ultimately, the United States averted the worst of the fiscal cliff with a last-minute tax deal; however, decisions relating to spending cuts and the debt ceiling continue to weigh on investors' minds.

Investors shook off the nerve-racking finale to 2012 and began the New Year with a powerful equity rally. Key indicators signaled broad-based improvements in the world's major economies, particularly China. In the United States, economic data was mixed, but pointed to a continued recovery. The risk of inflation remained low and the US Federal Reserve showed no signs of curtailing its stimulus programs. Additionally, January saw the return of funds that investors had pulled out of the market in late 2012 amid uncertainty about tax-rate increases ahead of the fiscal cliff deadline. In fixed income markets, rising US Treasuries yields dragged down higher-quality asset classes, while high yield bonds continued to benefit from investor demand for yield in the low-rate environment.

On the whole, riskier asset classes outperformed lower-risk investments for the 6- and 12-month periods ended January 31, 2013. International equities were the strongest performers. US stocks and high yield bonds also generated significant returns. Emerging market equities were particularly volatile, but still posted gains for both the 6- and 12-month periods. US Treasury yields remained low, but experienced increasing volatility in recent months. Rising yields near the end of the period resulted in negative returns for Treasuries and investment-grade bonds for the 6-month period. Tax-exempt municipal bonds, however, benefited from favorable supply-and-demand dynamics. Near-zero short term interest rates continued to keep yields on money market securities near their all-time lows.

While investors continue to face a host of unknowns, we believe new opportunities abound. BlackRock was built to provide the global market insight, breadth of capabilities, unbiased investment advice and deep risk management expertise these times require. We encourage you to visit www.blackrock.com/newworld for more information.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

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Despite a number of headwinds, higher-risk asset classes boasted strong returns as investors sought meaningful yields in the ongoing low-interest-rate environment.

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of January 31, 2013

	6-month	12-month
US large cap equities (S&P 500® Index)	9.91%	16.78%
US small cap equities (Russell 2000® Index)	15.51	15.47
International equities (MSCI Europe, Australasia, Far East Index)	18.61	17.25
Emerging market equities (MSCI Emerging Markets Index)	13.11	7.64
3-month Treasury bill (BofA Merrill Lynch 3-Month US Treasury Bill Index)	0.07	0.11
US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index)	(2.90)	1.28
US investment grade bonds (Barclays US Aggregate Bond Index)	(0.29)	2.59
Tax-exempt municipal bonds (S&P Municipal Bond Index)	2.21	5.50
US high yield bonds (Barclays US Corporate High Yield 2% Issuer Capped Index)	7.37	13.87

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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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 1 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 the sum of its 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, 2013, 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	40%
MUJ	37%
MFT	40%
MIY	37%
MJI	36%
MPA	39%

Derivative Financial Instruments

The Funds may invest in various derivative financial instruments, including financial futures contracts, as specified in Note 2 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 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**Municipal Market Overview****For the Reporting Period Ended January 31, 2013**

Municipal bonds delivered strong performance during the reporting period ended January 31, 2013. Market conditions remained favorable even though supply picked up considerably in 2012. As the fiscal situation for municipalities continued to improve, the rate of new issuance came back in line with historical averages. Total new issuance for 2012 was \$373 billion, nearly 30% greater than the \$288 billion issued in 2011. In the first month of 2013, issuance exceeded market expectations at \$26.5 billion, which is roughly 50% higher than January 2012. It is important to note that refunding activity has accounted for a large portion of supply during this period as issuers refinanced their debt at lower interest rates. Refunding issues are easily absorbed by the market because when seasoned bonds are refinanced, issuers re-enter the market via cheaper and predominantly shorter-maturity financing. Investors, in turn, support these new issues with the proceeds from bond maturities or coupon payments.

S&P Municipal Bond Index

Total Returns as of
January 31, 2013
6 months : +2.21%
12 months : +5.50%

Increased supply was met with strong demand during the period as investors were starved for yield in a low-rate environment. Investors poured into municipal bond mutual funds, particularly those with long-duration and high-yield investment mandates as they tend to provide higher levels of income. For the 12 months ended January 31, 2013, municipal bond fund inflows totaled \$51.75 billion (according to the Investment Company Institute). Considering the extensive period of significant outflows from late 2010 through mid-2011, these robust inflows are telling of the complete turnaround in confidence and investors' avid search for yield and income.

Municipal market supply-and-demand technicals typically strengthen considerably upon the conclusion of tax season as net negative supply takes hold (i.e., more bonds are being called and maturing than being issued) and this theme remained intact for 2012. In the spring, a resurgence of concerns about Europe's financial crisis and weakening US economic data drove municipal bond yields lower and prices higher. In addition to income and capital preservation, investors were drawn to the asset class for its relatively low volatility. As global sentiment improved over the summer, municipal bonds outperformed the more volatile US Treasury market. The months of October and November, typically a period of waning demand and weaker performance, were positive for the municipal market in 2012 as supply-and-demand technicals continued to be strong going into the fourth quarter. Additionally, the perception of higher taxes given the outcome of the US Presidential election provided further support to municipal bond prices in November.

Seasonal year-end selling pressure typically results in elevated volatility in the final month of the year; however, December of 2012 was more volatile than the historical norm due to a partial unwinding of November's rally coupled with uncertainty around the fiscal cliff (i.e., automatic tax increases and spending cuts that had been scheduled to take effect at the beginning of 2013 unless politicians could agree upon alternate measures to reduce the deficit before the end of 2012). Positive performance in January 2013 was the product of renewed demand in an asset class known for its lower volatility and preservation of earnings as tax rates rise. For the month, municipal bonds significantly outperformed the US Treasury market, where yields rose on an uptick in US economic data. As the period drew to a close, municipal market participants were focused on Washington and the scheduled spending cuts as well as the upcoming tax season.

From January 31, 2012 to January 31, 2013, yields declined by 28 basis points (bps) to 2.86% on AAA-rated 30-year municipal bonds, but rose 14 bps to 1.82% on 10-year bonds and 8 bps to 0.79% on 5-year bonds (as measured by Thomson Municipal Market Data). Overall, the municipal yield curve remained relatively steep, but flattened over the 12-month time period as the spread between 2- and 30-year maturities tightened by 29 bps, while the spread widened in the 2- to 10-year range 13 bps.

The fundamental picture for municipalities continues to improve. Austerity and de-leveraging have been the general themes across the country as states set their budgets, although a small number of states continue to rely on a kick-the-can approach to close their budget gaps, using aggressive revenue projections and accounting gimmicks. It has been over two years since the fiscal problems plaguing state and local governments first became highly publicized and the prophecy of widespread defaults across the municipal market has not materialized.

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BlackRock maintains the view that municipal bond defaults will be minimal and remain in the periphery and the overall market is fundamentally sound. We continue to recognize that careful credit research and security selection remain imperative amid uncertainty in this economic environment.

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

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Table of Contents**Fund Summary** as of January 31, 2013**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, 2013, the Fund returned 4.66% based on market price and 3.71% based on NAV. For the same period, the closed-end Lipper California Municipal Debt Funds category posted an average return of 4.12% based on market price and 4.74% based on NAV. All returns reflect reinvestment of dividends. The Fund moved from a discount to NAV to a premium by period end, which 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 concentration of holdings within the 20- to 25-year maturity range contributed positively to performance, as rates declined in that segment of the municipal yield curve. Investments in the health, education, transportation and utilities sectors were strong contributors as these segments outperformed the broader tax-exempt market during the period. Positive results also came from purchases of zero-coupon bonds that Fund management had identified as undervalued. In addition, exposure to higher-quality essential service revenue bonds enhanced performance. The Fund did not, however, hold exposure to the tobacco sector, which posted exceptional gains during 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 New York Stock Exchange (NYSE)	MUC
Initial Offering Date	February 27, 1998
Yield on Closing Market Price as of January 31, 2013 (\$16.64) ¹	5.70%
Tax Equivalent Yield ²	10.07%
Current Monthly Distribution per Common Share ³	\$0.0790
Current Annualized Distribution per Common Share ³	\$0.9480
Economic Leverage as of January 31, 2013 ⁴	40%

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

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

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

⁴ Represents 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 4.

Table of Contents**BlackRock MuniHoldings California Quality Fund, Inc.****Market Price and Net Asset Value**

The table below summarizes the changes in the Fund's market price and NAV per share:

	1/31/13	7/31/12	Change	High	Low
Market Price	\$ 16.64	\$ 16.36	1.71%	\$ 18.35	\$ 16.09
Net Asset Value	\$ 16.54	\$ 16.41	0.79%	\$ 16.97	\$ 16.17

The following charts show the sector allocation, credit quality allocation and call/maturity structure of the Fund's long-term investments:

Sector Allocation

	1/31/13	7/31/12
County/City/Special District/School District	32%	34%
Utilities	25	26
Education	14	13
Transportation	12	11
Health	10	9
State	6	7
Corporate	1	¹

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

Credit Quality Allocation²

	1/31/13	7/31/12
AAA/Aaa	13%	8%
AA/Aa	71	75
A	15	16
BBB/Baa	1	¹
Not Rated		¹ ³

² Using the higher of Standard & Poor's (S&P's) or Moody's Investors Service (Moody's) ratings.

³ The investment advisor has deemed certain of these non-rated securities to be of investment grade quality. As of July 31, 2012, the market value of these securities was \$14,904,825, representing 1% of the Fund's long-term investments.

Call/Maturity Structure⁴

Calendar Year Ended December 31,	
2013	5%
2014	2
2015	12
2016	12
2017	13

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⁴ 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, 2013**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, 2013, the Fund returned 6.74% based on market price and 2.89% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 3.10% based on market price and 3.65% based on NAV. All returns reflect reinvestment of dividends. The Fund moved from a discount to NAV to a premium by period end, which 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 positive performance was derived largely from income accrual as well as spread compression (price appreciation) in certain sectors, most notably in health and education. Exposure to capital appreciation bonds (zero coupons) also had a positive impact on results as spreads generally tightened in this segment. Fund performance was negatively impacted by rising interest rates during the period (bond prices fall as rates rise). Exposure to Puerto Rico debt detracted from performance as concerns about credit rating agency downgrades resulted in wider credit spreads (falling prices) for Puerto Rico municipal securities broadly.

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, 2013 (\$16.68) ¹	5.32%
Tax Equivalent Yield ²	9.40%
Current Monthly Distribution per Common Share ³	\$0.0740
Current Annualized Distribution per Common Share ³	\$0.8880
Economic Leverage as of January 31, 2013 ⁴	37%

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

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

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

⁴ Represents VRDP Shares and 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 4.

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

The table below summarizes the changes in the Fund's market price and NAV per share:

	1/31/13	7/31/12	Change	High	Low
Market Price	\$ 16.68	\$ 16.05	3.93%	\$ 17.35	\$ 15.80
Net Asset Value	\$ 16.57	\$ 16.54	0.18%	\$ 17.08	\$ 16.25

The following charts show the sector allocation, credit quality allocation and call/maturity structure of the Fund's long-term investments:

Sector Allocation

	1/31/13	7/31/12
State	29%	28%
Transportation	21	21
Education	14	15
County/City/Special District/School District	11	11
Health	11	10
Utilities	7	7
Housing	5	5
Corporate	1	2
Tobacco	1	1

Credit Quality Allocation¹

	1/31/13	7/31/12
AAA/Aaa	10%	10%
AA/Aa	44	49
A	33	29
BBB/Baa	12	11
Not Rated ²	1	1

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, 2013 and July 31, 2012, the market value of these securities was \$4,093,160 and \$4,204,720, each representing 1%, respectively, of the Fund's long-term investments.

Call/Maturity Structure³

Calendar Year Ended December 31,

2013	5%
2014	5
2015	9
2016	4
2017	8

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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, 2013**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, 2013, the Fund returned 5.82% based on market price and 4.07% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of 3.22% based on market price and 4.25% based on NAV. All returns reflect reinvestment of dividends. The Fund began the period with a discount to NAV, which accounts for the difference between performance based on price and performance based on NAV, and ended the period with neither a discount nor a premium. The following discussion relates to performance based on NAV. The Fund's holdings in the health, utilities and transportation sectors contributed positively to performance for the period. Holdings of lower-quality credits in those sectors were the strongest contributors due to strong demand from investors seeking higher-yielding investments in the low interest rate environment. Conversely, exposure to Puerto Rico sales tax bonds had a negative impact on performance as the continued decline of Puerto Rico's economy and concerns about credit rating agency downgrades resulted in falling prices across all Puerto Rico-issued securities.

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, 2013 (\$15.94) ¹	5.35%
Tax Equivalent Yield ²	9.45%
Current Monthly Distribution per Common Share ³	\$0.0710
Current Annualized Distribution per Common Share ³	\$0.8520
Economic Leverage as of January 31, 2013 ⁴	40%

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

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

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

⁴ Represents 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 4.

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

The table below summarizes the changes in the Fund's market price and NAV per share:

	1/31/13	7/31/12	Change	High	Low
Market Price	\$ 15.94	\$ 15.47	3.04%	\$ 16.89	\$ 14.92
Net Asset Value	\$ 15.94	\$ 15.73	1.34%	\$ 16.59	\$ 15.48

The following charts show the sector allocation, credit quality allocation and call/maturity structure of the Fund's long-term investments:

Sector Allocation

	1/31/13	7/31/12
Transportation	27%	18%
Utilities	19	24
County/City/Special District/School District	17	21
Health	14	12
State	13	15
Education	8	8
Housing	1	1
Tobacco	1	1

Credit Quality Allocation¹

	1/31/13	7/31/12
AAA/Aaa	12%	15%
AA/Aa	63	66
A	25	17
BBB/Baa		1
Not Rated		1 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 July 31, 2012, the market value of these securities was \$2,511,082, representing 1% of the Fund's long-term investments.

Call/Maturity Structure³

Calendar Year Ended December 31,	
2013	
2014	
2015	1%
2016	2
2017	2

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

SEMI-ANNUAL REPORT

JANUARY 31, 2013

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Table of Contents**Fund Summary** as of January 31, 2013**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, 2013, the Fund returned 6.96% based on market price and 3.24% based on NAV. For the same period, the closed-end Lipper Michigan Municipal Debt Funds category posted an average return of 5.47% based on market price and 3.27% based on NAV. All returns reflect reinvestment of dividends. The Fund moved from a discount to NAV to a premium by period end, which 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 positive performance was derived largely from income accrual as well as spread compression (price appreciation) in certain sectors, most notably in health, education and school districts. Fund performance was negatively impacted by rising interest rates during the period (bond prices fall as rates rise). Exposure to Puerto Rico debt detracted from performance as concerns about credit rating agency downgrades resulted in wider credit spreads (falling prices) for Puerto Rico municipal securities broadly.

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, 2013 (\$16.69) ¹	5.50%
Tax Equivalent Yield ²	9.72%
Current Monthly Distribution per Common Share ³	\$0.07650
Current Annualized Distribution per Common Share ³	\$0.9180
Economic Leverage as of January 31, 2013 ⁴	37%

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

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

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

⁴ Represents VRDP Shares and 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 4.

Table of Contents**BlackRock MuniYield Michigan Quality Fund, Inc.****Market Price and Net Asset Value**

The table below summarizes the changes in the Fund's market price and NAV per share:

	1/31/13	7/31/12	Change	High	Low
Market Price	\$ 16.69	\$ 16.05	3.99%	\$ 17.02	\$ 15.41
Net Asset Value	\$ 16.24	\$ 16.18	0.37%	\$ 16.69	\$ 15.93

The following charts show the sector allocation, credit quality allocation and call/maturity structure of the Fund's long-term investments:

Sector Allocation

	1/31/13	7/31/12
County/City/Special District/School District	26%	26%
Health	16	17
Utilities	15	14
State	15	15
Education	9	11
Transportation	8	8
Housing	7	5
Corporate	4	4

Credit Quality Allocation¹

	1/31/13	7/31/12
AAA/Aaa	2%	2%
AA/Aa	71	69
A	26	25
BBB/Baa	1	3
Not Rated		1 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 July 31, 2012, the market value of these securities was \$1,117,114, representing 1% of the Fund's long-term investments.

Call/Maturity Structure³

Calendar Year Ended December 31,	
2013	11%
2014	9
2015	7
2016	6
2017	7

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, 2013**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, 2013, the Fund returned 3.38% based on market price and 3.06% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of 3.10% based on market price and 3.65% based on NAV. All returns reflect reinvestment of dividends. The Fund moved from a discount to NAV to a premium by period end, which 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 positive performance was derived largely from income accrual as well as spread compression (price appreciation) in certain sectors, most notably in health and education. Exposure to capital appreciation bonds (zero coupons) also had a positive impact on results as spreads generally tightened in this segment. Fund performance was negatively impacted by rising interest rates during the period (bond prices fall as rates rise). Exposure to Puerto Rico debt detracted from performance as concerns about credit rating agency downgrades resulted in wider credit spreads (falling prices) for Puerto Rico municipal securities broadly.

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, 2013 (\$16.39) ¹	5.27%
Tax Equivalent Yield ²	9.31%
Current Monthly Distribution per Common Share ³	\$0.0720
Current Annualized Distribution per Common Share ³	\$0.8640
Economic Leverage as of January 31, 2013 ⁴	36%

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

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

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

⁴ Represents VRDP Shares and 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 4.

Table of Contents**BlackRock MuniYield New Jersey Quality Fund, Inc.****Market Price and Net Asset Value**

The table below summarizes the changes in the Fund's market price and NAV per share:

	1/31/13	7/31/12	Change	High	Low
Market Price	\$ 16.39	\$ 16.31	0.49%	\$ 17.40	\$ 15.72
Net Asset Value	\$ 16.38	\$ 16.35	0.18%	\$ 16.92	\$ 16.09

The following charts show the sector allocation, credit quality allocation and call/maturity structure of the Fund's long-term investments:

Sector Allocation

	1/31/13	7/31/12
State	27%	24%
Transportation	20	20
Education	16	19
County/City/Special District/School District	10	9
Utilities	9	9
Health	8	9
Housing	6	6
Corporate	3	3
Tobacco	1	1

Credit Quality Allocation¹

	1/31/13	7/31/12
AAA/Aaa	8%	6%
AA/Aa	42	47
A	35	33
BBB/Baa	13	13
Not Rated	2	1 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 July 31, 2012, the market value of these securities was \$577,452, representing less than 1% of the Fund's long-term investments.

Call/Maturity Structure³

Calendar Year Ended December 31,	
2013	4%
2014	8
2015	3
2016	3
2017	11

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, 2013**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, 2013, the Fund returned 4.02% based on market price and 3.41% based on NAV. For the same period, the closed-end Lipper Pennsylvania Municipal Debt Funds category posted an average return of 2.92% based on market price and 3.07% 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's positive performance was derived mainly from its coupon income component as municipal market performance during the six-month period, although positive, was less robust than it had been in the prior eighteen months. The Fund's zero-coupon bond holdings also contributed positively due to price appreciation in this segment. Exposure to lower-quality credits boosted results given strong demand from investors seeking higher-yielding investments in the low interest rate environment. Interest rates inched higher during the period, which negatively impacted performance (bond prices fall as rates rise). Exposure to Puerto Rico debt detracted from performance as concerns about credit rating agency downgrades resulted in wider credit spreads (falling prices) for Puerto Rico municipal securities broadly.

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, 2013 (\$16.18) ¹	5.49%
Tax Equivalent Yield ²	9.70%
Current Monthly Distribution per Common Share ³	\$0.0740
Current Annualized Distribution per Common Share ³	\$0.8880
Economic Leverage as of January 31, 2013 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 tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.

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

⁴ Represents VRDP Shares and 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 4.

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

The table below summarizes the changes in the Fund's market price and NAV per share:

	1/31/13	7/31/12	Change	High	Low
Market Price	\$ 16.18	\$ 15.98	1.25%	\$ 17.09	\$ 15.54
Net Asset Value	\$ 16.68	\$ 16.57	0.66%	\$ 17.16	\$ 16.31

The following charts show the sector allocation, credit quality allocation and call/maturity structure of the Fund's long-term investments:

Sector Allocation

	1/31/13	7/31/12
County/City/Special District/School District	21%	21%
State	17	20
Health	15	15
Transportation	13	13
Education	12	12
Utilities	10	9
Housing	7	5
Corporate	5	5

Credit Quality Allocation¹

	1/31/13	7/31/12
AAA/Aaa	1%	1%
AA/Aa	76	77
A	19	15
BBB/Baa	4	4
Not Rated ²		3

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, 2013 and July 31, 2012, the market value of these securities was \$560,875 and \$544,175, each representing less than 1%, respectively, of the Fund's long-term investments.

Call/Maturity Structure³

Calendar Year Ended December 31,

2013	5%
2014	5
2015	10
2016	10
2017	7

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, 2013 (Unaudited)

BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
California 102.8%		
Corporate 1.3%		
California Pollution Control Financing Authority, Refunding RB, AMT, 5.00%, 7/01/27	\$ 1,000	\$ 1,056,170
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A: 5.88%, 2/15/34	2,435	2,869,769
AMT, 4.00%, 5/01/39	5,000	5,092,750
		9,018,689
County/City/Special District/School District 21.3%		
California Pollution Control Financing Authority, RB, Waste Management, AMT, 5.00%, 1/01/22	2,250	2,466,517
California Pollution Control Financing Authority, Refunding RB, Pacific Gas (NPFGC), 4.75%, 12/01/23	2,805	3,082,442
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 8/01/41	9,000	10,755,360
Chabot-Las Positas Community College District, GO, CAB, Series C (AMBAC) (a): 5.04%, 8/01/36	14,700	4,559,940
5.06%, 8/01/37	11,980	3,519,365
City of Garden Grove California, COP, Series A, Financing Project (AMBAC), 5.50%, 3/01/26	4,040	4,095,712
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	3,500	4,102,000
County of Los Angeles California Public Works Financing Authority, Refunding RB, Multiple Capital Projects II, 5.00%, 8/01/42	7,000	7,806,470
Culver City Redevelopment Finance Authority California, Tax Allocation Bonds, Refunding, Series A (AGM), 5.60%, 11/01/25	3,750	3,763,537
El Camino Community College District, GO, Election of 2002, Series C, 5.00%, 8/01/37	5,375	6,253,060
Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/40	2,000	2,453,960
Los Angeles Community College District California, GO, Election of 2003, Series F-1, 5.00%, 8/01/33	2,500	2,868,150
Los Angeles Community Redevelopment Agency California, RB, Bunker Hill Project, Series A (AGM), 5.00%, 12/01/27	7,000	7,458,920
Merced Union High School District, GO, CAB, Election of 2008, Series C (a): 4.67%, 8/01/33	2,500	970,400
4.85%, 8/01/36	4,100	1,330,163
Orange County Sanitation District, COP, Series A, 5.00%, 2/01/35	2,500	2,853,700
	Par	
	(000)	Value
Municipal Bonds		
California (continued)		
County/City/Special District/School District (concluded)		
Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 8/01/35	\$ 10,000	\$ 11,277,100
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33	5,000	5,592,950
San Bernardino Community College District, GO, Election of 2002, Series A, 6.25%, 8/01/33	310	375,652
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.50%, 2/01/29	900	1,028,016
San Jose Financing Authority, RB, Convention Center: 5.75%, 5/01/36	2,560	2,868,608
5.75%, 5/01/42	4,500	5,244,390
	14,800	14,848,692

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San Jose Financing Authority, Refunding RB, Civic Center Project, Series B (AMBAC), 5.00%, 6/01/32		
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	5,635	6,510,679
Ventura County Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/33	5,000	5,930,950
West Contra Costa County Unified School District California, GO, Election of 2005, Series A (AGM), 5.00%, 8/01/35	10,000	10,672,500
West Contra Costa Unified School District California, GO, Election of 2010, Series A, 5.25%, 8/01/41	5,390	6,223,995
Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	4,300	5,152,303
		144,065,531
Education 10.1%		
Anaheim City School District California, GO, Election of 2010 (AGM), 6.25%, 8/01/40	3,750	4,600,012
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,500	2,989,900
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40	10,000	11,378,200
Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31	2,170	2,649,006
5.75%, 8/01/35	8,400	10,277,148

Portfolio Abbreviations

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

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

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
California (continued)		
Education (concluded)		
Riverside Community College District, GO, Election of 2004, Series C (AGM), 5.00%, 8/01/32	\$ 8,750	\$ 9,933,262
San Diego Community College District, GO, Election of 2006 (AGM), 5.00%, 8/01/30	8,000	9,261,600
San Jose Evergreen Community College District, GO, Election of 2010, Series A, 5.00%, 8/01/41	5,975	6,887,084
University of California, RB, Series L, 5.00%, 5/15/36	3,030	3,412,265
University of California, Refunding RB:		
General, Series A (AMBAC), 5.00%, 5/15/27	5,000	5,052,350
Limited Project, Series G, 5.00%, 5/15/37	1,750	2,028,758
		68,469,585
Health 17.3%		
ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare:		
6.25%, 8/01/39	5,000	5,940,200
Series A, 6.00%, 8/01/30	2,270	2,785,245
California Health Facilities Financing Authority, RB:		
Adventist Health System, Series A, 5.00%, 3/01/33	3,190	3,202,601
Children s Hospital, Series A, 5.25%, 11/01/41	8,020	8,979,673
Kaiser Permanente, Series A, 5.25%, 4/01/39	7,160	7,880,797
Providence Health Services, Series B, 5.50%, 10/01/39	4,030	4,605,726
Sutter Health, Series A, 5.25%, 11/15/46	16,000	17,461,280
Sutter Health, Series B, 6.00%, 8/15/42	9,655	11,603,476
California Health Facilities Financing Authority, Refunding RB:		
Catholic Healthcare West, Series A, 6.00%, 7/01/34	3,700	4,386,091
Stanford Hospital, Series A-3, 5.50%, 11/15/40	2,870	3,475,139
California Statewide Communities, Development Authority, RB, Kaiser Permanente:		
Series A, 5.00%, 4/01/42	27,080	30,398,654
Series B, 5.25%, 3/01/45	6,235	6,638,404
California Statewide Communities Development Authority, Refunding RB, Catholic Healthcare West, Series D, 5.50%, 7/01/31	4,650	5,186,517
City of Newport Beach California, Refunding RB, Hoag Memorial Hospital Presbyterian, 6.00%, 12/01/40	3,820	4,699,975
		117,243,778
State 9.1%		
California State Public Works Board, RB, Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	3,670	4,469,987
California State Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31	1,205	1,446,000
State of California, GO:		
6.00%, 3/01/33	6,005	7,467,277
6.00%, 4/01/38	28,265	33,867,123
University of California, RB, Limited Project, Series D (NPFGC), 5.00%, 5/15/41	13,000	14,515,020
		61,765,407
	Par	
	(000)	Value
Municipal Bonds		
California (continued)		
Transportation 17.3%		
City of Fresno California, ARB, Series B, AMT (AGM), 5.50%, 7/01/20	\$ 4,455	\$ 4,566,019

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City of Los Angeles Department of Airports, Refunding RB, Series A, 5.25%, 5/15/39	2,775	3,149,015
City of San Jose California, Refunding ARB, Series A-1, AMT: 5.25%, 3/01/23	2,985	3,480,629
6.25%, 3/01/34	1,400	1,685,376
County of Orange California, ARB, Series B, 5.75%, 7/01/34	6,345	7,324,097
County of Sacramento California, ARB: Senior Series A (AGC), 5.50%, 7/01/41	8,095	9,398,052
Senior Series B, 5.75%, 7/01/39	2,650	3,110,120
Senior Series B, AMT (AGM), 5.75%, 7/01/28	13,275	15,158,457
Senior Series B, AMT (AGM), 5.25%, 7/01/33	19,530	21,444,916
Los Angeles Department of Airports, RB, Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29	2,590	3,073,190
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34	5,530	6,467,833
San Diego County Regional Airport Authority, RB, Senior, Series B, AMT: 5.00%, 7/01/38	5,500	6,184,145
5.00%, 7/01/43	9,095	10,175,850
San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39	9,650	11,506,467
San Francisco City & County Airports Commission, Refunding RB, AMT: Second Series 34E (AGM), 5.75%, 5/01/24	5,000	5,779,450
Second Series A, 5.00%, 5/01/32	1,415	1,570,777
San Joaquin County Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,400	2,995,344
		117,069,737
Utilities 26.4%		
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 10/01/36	2,200	2,602,094
City of Los Angeles California Wastewater System, Refunding RB: Series A (NPFGC), 5.00%, 6/01/34	10,000	10,879,600
Sub-Series A, 5.00%, 6/01/28	2,000	2,337,440
Sub-Series A, 5.00%, 6/01/32	6,000	6,946,920
Cucamonga Valley Water District Financing Authority, RB, Water Utility: 5.00%, 9/01/37	7,705	8,973,089
5.00%, 9/01/42	5,500	6,355,580
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	4,000	4,863,760
East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32	11,935	13,596,949
East Bay Municipal Utility District, Refunding RB, Sub-Series A: (AGM), 5.00%, 6/01/37	11,190	12,758,279
(AMBAC), 5.00%, 6/01/33	5,000	5,696,250
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33	2,500	2,827,700
Imperial Irrigation District, Refunding RB, System, 5.13%, 11/01/38	9,500	10,648,835

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California (concluded)		
Utilities (concluded)		
Los Angeles Department of Water & Power, RB, Series A, 5.38%, 7/01/38	\$ 10,500	\$ 12,181,785
Los Angeles Department of Water & Power, Refunding RB, System, Series A, 5.25%, 7/01/39	16,000	18,629,920
Metropolitan Water District of Southern California, RB, Series B-1 (NPFGC), 5.00%, 10/01/13 (b)	8,605	8,879,414
Sacramento Municipal Utility District, RB, Series R, 5.00%, 8/15/33	5,360	5,495,018
San Diego County Water Authority, COP, Refunding, Series A (NPFGC), 5.00%, 5/01/32	3,495	3,513,978
San Diego Public Facilities Financing Authority, Refunding RB, Senior Series A: 5.25%, 5/15/34	1,000	1,149,660
5.25%, 5/15/39	12,815	14,589,621
San Francisco City & County Public Utilities Commission, RB:		
Local Water Main Sub-Series C, 5.00%, 11/01/41	5,000	5,768,500
Series B, 5.00%, 11/01/30	10,000	11,774,600
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 2/01/33	7,325	8,660,860
		179,129,852
Total Municipal Bonds 102.8%		696,762,579

Municipal Bonds Transferred to Tender Option Bond Trusts (c)

California 61.1%		
County/City/Special District/School District 32.0%		
Alameda County Joint Powers Authority, Refunding RB, Lease (AGM), 5.00%, 12/01/34	13,180	14,656,555
Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/37	16,530	18,006,460
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40	27,840	31,676,909
Los Angeles Community College District California, GO:		
Election of 2001, Series A (NPFGC), 5.00%, 8/01/32	6,647	7,601,967
Election of 2001, Series E-1, 5.00%, 8/01/33	11,770	13,589,171
Election of 2003, Series E (AGM), 5.00%, 8/01/31	11,216	12,565,746
Election of 2003, Series F-1, 5.00%, 8/01/33	10,000	11,472,600
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/33	9,596	12,010,046
Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition A, First Tier, Senior Series A (AMBAC), 5.00%, 7/01/35	8,997	9,807,876
Los Angeles County Sanitation Districts Financing Authority, Refunding RB, Capital Project 14 (BHAC), 5.00%, 10/01/34	7,917	8,630,171
Ohlone Community College District, GO, Series B (AGM), 5.00%, 8/01/15 (b)	16,518	18,399,034
Poway Unified School District, GO, Election of 2002, Improvement District 02, Series 1-B (AGM), 5.00%, 8/01/30	10,000	10,811,900
	Par	

Municipal Bonds Transferred to Tender Option Bond Trusts (c)

	(000)	Value
California (concluded)		
County/City/Special District/School District (concluded)		
San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31	\$ 17,770	\$ 19,619,146

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San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC):

5.00%, 7/01/30	23,100	25,152,666
5.00%, 7/01/34	2,499	2,721,409

216,721,656

Education 12.5%

Chaffey Community College District, GO, Election of 2002, Series B (NPFGC), 5.00%, 6/01/15 (b)	9,905	10,695,919
Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35	11,000	12,507,330
Mount Diablo California Unified School District, GO, 5.00%, 6/01/31	4,000	4,235,840
Riverside Community College District, GO, Election of 2004, Series C (NPFGC), 5.00%, 8/01/32	8,910	10,114,899
University of California, RB: Limited Project, Series D (AGM), 5.00%, 5/15/41	8,000	8,932,320
Series O, 5.75%, 5/15/34	11,190	13,555,156
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37	21,391	24,798,186

84,839,650

Transportation 2.5%

City of Los Angeles California Department of Airports, Refunding RB, Los Angeles International Airport, Senior Series A, 5.00%, 5/15/40	4,999	5,656,185
San Mateo County Transportation Authority, Refunding RB, Series A (NPFGC), 5.00%, 6/01/32	10,000	10,797,700

16,453,885

Utilities 14.1%

City of Napa California, RB (AMBAC), 5.00%, 5/01/35	9,100	9,869,951
East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35	12,070	13,114,176
East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/37	14,510	16,498,015
Los Angeles Department of Water & Power, RB, Sub-Series A-2 (AGM), 5.00%, 7/01/35	7,500	8,418,975
Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%, 7/01/35	12,870	14,039,368
Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34	5,008	5,542,262
Sacramento Regional County Sanitation District, RB, Sacramento Regional County Sanitation (NPFGC), 5.00%, 12/01/36	4,500	5,013,540
San Diego County Water Authority, COP, Series A (AGM), 5.00%, 5/01/31	4,000	4,208,320
San Diego County Water Authority, COP, Refunding, Series 2008-A (AGM), 5.00%, 5/01/33	16,740	18,922,227

95,626,834

Total Municipal Bonds Transferred to Tender Option Bond Trusts 61.1%

413,642,025

Total Long-Term Investments

(Cost \$1,020,705,053) 163.9% 1,110,404,604

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)

	Shares	Value
Short-Term Securities		
BIF California Municipal Money Fund, 0.00% (d)(e)	4,970,161	\$ 4,970,161
Total Short-Term Securities		
(Cost \$4,970,161) 0.7%		4,970,161
Total Investments (Cost \$1,025,675,214) 164.6%		1,115,374,765
Other Assets Less Liabilities 1.1%		7,771,942
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (28.3)%		(191,599,604)
VMTP Shares, at Liquidation Value (37.5)%		(254,000,000)
Net Assets Applicable to Common Shares 100.0%		\$ 677,547,103

Notes to Schedule of investments

- (a) Represents a zero-coupon bond. Rate shown reflects the current yield 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) Securities represent bonds transferred to a TOB in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.
- (d) Investments in issuers considered to be an affiliate of the Fund during the six month ended January 31, 2013, for purposes of Section 2(a)(3) of 1940 Act, were as follows:

Affiliate	Shares Held at July 31, 2012	Net Activity	Shares Held at January 31, 2013	Income
BIF California Municipal Money Fund	19,427,466	(14,457,305)	4,970,161	\$ 3

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

Financial futures contracts as of January 31, 2013 were as follows:

Contracts Sold	Issue	Exchange	Expiration	Notional Value	Unrealized Appreciation
(200)	10-Year US Treasury Note	Chicago Board of Trade	March 2013	\$ 26,256,250	\$ 201,239

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 ratings group indexes, and/or as defined by Fund management. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

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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 and 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 level in the fair value hierarchy within which the fair value measurement falls in its entirety 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 and other significant accounting policies, please refer to Notes 1 of the Notes to Financial Statements.

See Notes to Financial Statements.

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Schedule of Investments (concluded)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy as of January 31, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 1,110,404,604		\$ 1,110,404,604
Short-Term Securities	\$ 4,970,161			4,970,161
Total	\$ 4,970,161	\$ 1,110,404,604		\$ 1,115,374,765

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

	Level 1	Level 2	Level 3	Total
Derivative Financial Instruments²				
Assets:				
Interest rate contracts	\$ 201,239			\$ 201,239

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

Certain of the Fund's assets and liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of January 31, 2013, such assets are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Assets:				
Cash pledged as collateral for financial futures contracts	\$ 264,000			\$ 264,000
Liabilities:				
Bank overdraft		\$ (236,255)		(236,255)
TOB trust certificates		(191,494,247)		(191,494,247)
VMTP Shares		(254,000,000)		(254,000,000)
Total	\$ 264,000	\$ (445,730,502)		\$ (445,466,502)

There were no transfers between levels during the six months ended January 31, 2013.

See Notes to Financial Statements.

Table of Contents**Schedule of Investments** January 31, 2013 (Unaudited)**BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)**

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
New Jersey 128.0%		
Corporate 2.2%		
New Jersey EDA, RB, Waste Management of New Jersey, Mandatory Put Bonds, Series A, AMT, 5.30%, 6/01/15 (a)	\$ 2,500	\$ 2,648,875
New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project, AMT: Series A, 5.70%, 10/01/39	2,500	2,801,025
Series B, 5.60%, 11/01/34	2,150	2,450,075
		7,899,975
County/City/Special District/School District 16.5%		
Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33	2,690	2,852,530
City of Perth Amboy New Jersey, GO, Refunding, CAB (AGM) (b):		
5.00%, 7/01/32	4,605	5,007,063
5.00%, 7/01/33	1,395	1,513,184
5.00%, 7/01/37	1,470	1,570,019
County of Union New Jersey, GO:		
4.00%, 3/01/29	2,590	2,838,925
4.00%, 3/01/30	2,590	2,827,089
4.00%, 3/01/31	2,925	3,179,475
Edgewater Borough Board of Education, GO (AGM):		
4.25%, 3/01/34	1,235	1,355,141
4.25%, 3/01/35	1,300	1,424,709
4.30%, 3/01/36	1,370	1,503,945
Essex County Improvement Authority, RB, County Correctional Facility Project, Series A (NPFGC), 5.00%, 10/01/13 (c)	4,400	4,540,316
Essex County Improvement Authority, Refunding RB, Project Consolidation: (AMBAC), 5.25%, 12/15/18	1,000	1,222,860
(NPFGC), 5.50%, 10/01/27	250	330,547
(NPFGC), 5.50%, 10/01/28	4,840	6,415,178
Hudson County Improvement Authority, RB:		
County Secured, County Services Building Project (AGM), 5.00%, 4/01/27	750	835,050
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	2,000	2,233,060
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	3,600	4,020,984
Middlesex County Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 9/01/30	500	500,845
Monmouth County Improvement Authority, RB, Governmental Loan (AMBAC):		
5.35%, 12/01/17	5	5,018
5.38%, 12/01/18	5	5,018
Morristown Parking Authority, RB (NPFGC):		
5.00%, 8/01/30	1,830	1,986,209
5.00%, 8/01/33	3,000	3,239,010
New Jersey State Transit Corp., COP, Subordinate, Federal Transit Administration Grants, Series A (AGM), 5.00%, 9/15/21	2,000	2,203,280
Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37	620	623,416
South Jersey Transportation Authority, Refunding RB, Series A:		
5.00%, 11/01/28	1,025	1,186,806
5.00%, 11/01/29	1,025	1,184,008
Union County Improvement Authority, RB, Family Court Building Project, 4.00%, 5/01/37	3,575	3,692,188
		58,295,873
	Par	
	(000)	Value
Municipal Bonds		
New Jersey (continued)		

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Education 21.2%

New Jersey EDA, RB, International Center For Public Health Project, University of Medicine and Dentistry (AMBAC), 6.00%, 6/01/32	\$ 5,000	\$ 5,008,500
New Jersey Educational Facilities Authority, RB:		
Montclair State University, Series A (AMBAC), 5.00%, 7/01/21	1,200	1,355,460
Montclair State University, Series A (AMBAC), 5.00%, 7/01/22	2,880	3,244,838
Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31	2,625	2,879,231
Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (c)	3,260	3,475,453
Rowan University, Series C (NPFGC), 5.13%, 7/01/14 (c)	3,615	3,860,314
New Jersey Educational Facilities Authority, Refunding RB:		
College of New Jersey, Series D (AGM), 5.00%, 7/01/35	9,740	10,758,999
Montclair State University, Series J (NPFGC), 4.25%, 7/01/30	3,775	3,904,709
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	3,000	3,387,720
Ramapo College, Series B, 5.00%, 7/01/37	845	961,906
Ramapo College, Series I (AMBAC), 4.25%, 7/01/31	1,250	1,302,063
Ramapo College, Series I (AMBAC), 4.25%, 7/01/36	900	932,526
Stevens Institute of Technology, Series A, 5.00%, 7/01/27	2,800	2,997,624
Stevens Institute of Technology, Series A, 5.00%, 7/01/34	900	953,262
William Paterson University, Series C (AGC), 5.00%, 7/01/28	250	275,740
William Paterson University, Series C (AGC), 4.75%, 7/01/34	4,000	4,343,320
New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series 1A, AMT:		
4.00%, 12/01/23	500	524,195
4.50%, 12/01/28	3,380	3,555,456
4.50%, 12/01/29	4,150	4,327,412
4.63%, 12/01/30	4,080	4,282,042
New Jersey Institute of Technology, RB, Series A, 5.00%, 7/01/42	5,045	5,773,750
University of Medicine & Dentistry of New Jersey, COP (NPFGC), 5.00%, 6/15/29	2,000	2,041,660
University of Medicine & Dentistry of New Jersey, RB, Series A (AMBAC), 5.50%, 12/01/27	4,740	4,756,069
		74,902,249

Health 16.0%

New Jersey Health Care Facilities Financing Authority, RB:		
Greystone Park Psychiatric Hospital (AMBAC), 5.00%, 9/15/23	10,775	11,823,084
Meridian Health, Series I (AGC), 5.00%, 7/01/38	755	810,802
Meridian Health, Series II (AGC), 5.00%, 7/01/38	6,260	6,722,677
Meridian Health, Series V (AGC), 5.00%, 7/01/38	3,870	4,156,032
Virtua Health (AGC), 5.50%, 7/01/38	3,035	3,386,605

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, Refunding RB:		
AHS Hospital Corp., 6.00%, 7/01/41	\$ 3,080	\$ 3,798,810
AHS Hospital Corp., Series A (AMBAC), 6.00%, 7/01/13 (d)	4,000	4,093,160
Barnabas Health, Series A, 5.00%, 7/01/24	1,820	2,086,739
Barnabas Health, 5.00%, 7/01/25	1,570	1,817,510
Barnabas Health, Series A, 4.00%, 7/01/26	1,740	1,845,827
Barnabas Health, Series A, 5.63%, 7/01/32	1,100	1,246,806
Barnabas Health, Series A, 5.63%, 7/01/37	3,060	3,456,607
Hackensack University Medical (AGC), 5.13%, 1/01/27	1,500	1,653,315
Hackensack University Medical (AGM), 4.63%, 1/01/30	5,480	5,918,564
Kennedy Health System, 5.00%, 7/01/31	540	602,651
Kennedy Health System, 5.00%, 7/01/42	360	396,616
Meridian Health System Obligation, 5.00%, 7/01/25	700	807,261
Meridian Health System Obligation, 5.00%, 7/01/26	1,590	1,820,375
		56,443,441
Housing 7.0%		
New Jersey State Housing & Mortgage Finance Agency, RB:		
Capital Fund Program, Series A (AGM), 4.70%, 11/01/25	9,245	9,633,290
M/F Housing, Series A, 4.55%, 11/01/43	3,575	3,716,069
M/F Housing, Series A, AMT (NPFGC), 4.85%, 11/01/39	935	946,435
Series AA, 6.50%, 10/01/38	1,645	1,725,671
Series B, 4.50%, 10/01/30	7,115	7,748,093
S/F Housing, Series T, AMT, 4.70%, 10/01/37	745	766,873
		24,536,431
State 33.6%		
Garden State Preservation Trust, RB (AGM):		
CAB, Series B, 2.63%, 11/01/23 (e)	9,000	6,799,680
CAB, Series B, 2.81%, 11/01/25 (e)	10,000	7,001,900
Election of 2005, Series A, 5.80%, 11/01/15 (c)	1,960	2,243,122
Election of 2005, Series A, 5.80%, 11/01/15 (c)	2,730	3,124,349
Garden State Preservation Trust, Refunding RB, Series C (AGM):		
5.25%, 11/01/20	5,000	6,348,050
5.25%, 11/01/21	7,705	9,885,977
New Jersey EDA, RB:		
Cigarette Tax (Radian), 5.50%, 6/15/14 (c)	585	626,892
Cigarette Tax (Radian), 5.75%, 6/15/14 (c)	3,180	3,418,595
Liberty State Park Project, Series C (AGM), 5.00%, 3/01/22	2,670	2,883,814
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/24	1,785	2,192,123
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	4,000	4,943,520
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/26	7,500	9,338,250
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33	11,105	11,732,322
Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/34	2,000	2,097,880
	Par	
	(000)	Value
Municipal Bonds		
New Jersey (continued)		
State (concluded)		
New Jersey EDA, RB (concluded):		
School Facilities Construction, Series KK, 5.00%, 3/01/29	\$ 1,500	\$ 1,755,030

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School Facilities Construction, Series L (AGM), 5.00%, 3/01/15 (c)	9,000	9,840,240
School Facilities Construction, Series O, 5.25%, 3/01/15 (c)	1,420	1,562,426
School Facilities Construction, Series Y, 5.00%, 9/01/33	3,000	3,354,960
School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34	2,800	3,339,476
School Facilities Construction, Series U, 5.00%, 9/01/37	5,000	5,392,700
School Facilities Construction, Series U (AMBAC), 5.00%, 9/01/37	2,000	2,157,080
New Jersey EDA, Refunding RB:		
Cigarette Tax, 5.00%, 6/15/26	895	1,020,246
Cigarette Tax, 5.00%, 6/15/28	1,520	1,716,338
Cigarette Tax, 5.00%, 6/15/29	2,000	2,232,780
School Facilities Construction, Series N-1 (NPFGC), 5.50%, 9/01/27	1,000	1,306,960
New Jersey Sports & Exposition Authority, Refunding RB (NPFGC):		
5.50%, 3/01/21	5,890	7,061,874
5.50%, 3/01/22	3,150	3,803,184
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/27	1,080	1,222,031
		118,401,799
Tobacco 1.4%		
Tobacco Settlement Financing Corp. New Jersey, RB, 7.00%, 6/01/13 (c)	4,755	4,862,606
Transportation 24.0%		
Delaware River Port Authority, RB, Series D (AGM), 5.00%, 1/01/40	3,700	4,132,086
Delaware River Port Authority, Refunding RB, Port District Project:		
5.00%, 1/01/26	1,745	1,986,194
5.00%, 1/01/27	1,300	1,476,163
New Jersey State Turnpike Authority, RB:		
Growth & Income Securities, Series B (AMBAC), 0.00%, 1/01/15 (b)	7,615	7,267,451
Series A, 5.00%, 1/01/31	1,500	1,749,750
New Jersey State Turnpike Authority, Refunding RB:		
Series A, 5.00%, 1/01/35	760	871,720
Series A (AGM), 5.25%, 1/01/26	4,900	6,211,877
Series A (AGM), 5.25%, 1/01/29	2,000	2,598,740
Series A (AGM), 5.25%, 1/01/30	4,000	5,237,080
Series A (BHAC), 5.25%, 1/01/29	500	649,685
Series C (NPFGC), 6.50%, 1/01/16	605	699,459
Series C (NPFGC), 6.50%, 1/01/16 (d)	305	357,628
Series C (NPFGC), 6.50%, 1/01/16 (d)	255	299,245
Series C (NPFGC), 6.50%, 1/01/16 (d)	2,715	2,966,599
New Jersey Transportation Trust Fund Authority, RB, Transportation System:		
CAB, Series A, 4.55%, 12/15/35 (e)	6,000	2,143,200
CAB, Series C (AGM), 4.33%, 12/15/32 (e)	4,050	1,728,823
CAB, Series C (AMBAC), 4.57%, 12/15/35 (e)	1,400	498,064
CAB, Series C (AMBAC), 4.64%, 12/15/36 (e)	7,210	2,411,961
CAB, Series C (BHAC), 4.05%, 12/15/31 (e)	7,600	3,566,072
Series A, 6.00%, 6/15/35	4,365	5,375,236

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 Transportation Trust Fund Authority, RB, Transportation System (concluded):		
Series A (AGC), 5.63%, 12/15/28	\$ 2,000	\$ 2,384,360
Series A (AGM), 5.25%, 12/15/20	10,750	13,288,075
Series A (NPFGC), 5.75%, 6/15/24	1,205	1,560,306
Series B, 5.50%, 6/15/31	1,425	1,695,109
Port Authority of New York & New Jersey, RB, JFK International Air Terminal, Special Project:		
Series 6, AMT (NPFGC), 6.25%, 12/01/15	1,500	1,639,860
Series 6, AMT (NPFGC), 5.75%, 12/01/25	3,000	3,000,810
Series 8, 6.00%, 12/01/42	2,500	2,971,950
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd, AMT, 5.75%, 11/01/30	5,175	6,031,825
		84,799,328
Utilities 6.1%		
Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22	2,000	2,152,600
North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 (d)	4,335	5,458,372
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (e):		
3.91%, 9/01/28	6,600	3,609,738
3.98%, 9/01/29	6,900	3,589,380
Union County Utilities Authority, Refunding RB, Series A:		
Covanta Union, AMT, 5.25%, 12/01/31	450	503,563
New Jersey Solid Waste System, County Deficiency Agreement, 5.00%, 6/15/41	5,415	6,215,716
		21,529,369
Total Municipal Bonds in New Jersey		451,671,071
Guam 1.3%		
State 1.0%		
Government of Guam Business Privilege Tax Revenue, RB, Series A, 5.13%, 1/01/42	2,500	2,782,450
Territory of Guam, RB, Series B-1, 5.00%, 1/01/37	700	777,546
		3,559,996
Utilities 0.3%		
Guam Power Authority, Refunding RB, Series A:		
5.00%, 10/01/34	325	362,528
(AGM), 5.00%, 10/01/26	580	662,197
		1,024,725
Total Municipal Bonds in Guam		4,584,721
Puerto Rico 7.3%		
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	1,758,663
State 5.2%		
Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series C, 6.00%, 7/01/39	1,730	1,820,981
Puerto Rico Commonwealth Infrastructure Financing Authority, RB, CAB, Series A (AMBAC), 6.53%, 7/01/37 (e)	4,000	832,680
	Par	
Municipal Bonds	(000)	Value

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Puerto Rico (concluded)		
State (concluded)		
Puerto Rico Sales Tax Financing Corp., RB:		
First Sub-Series A, 5.50%, 8/01/42	\$ 1,300	\$ 1,386,164
First Sub-Series B, 6.00%, 8/01/42	2,500	2,750,675
Puerto Rico Sales Tax Financing Corp., Refunding RB:		
CAB, Series A (NPFGC),		
5.60%, 8/01/41 (e)	9,500	1,969,540
CAB, Series A (NPFGC), 5.60%, 8/01/42 (e)	5,500	1,077,120
First Sub-Series A-1, 5.25%, 8/01/43	2,130	2,257,246
First Sub-Series C (AGM), 5.13%, 8/01/42	6,120	6,497,175
		18,591,581
Transportation 1.2%		
Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31	3,750	4,195,913
Utilities 0.4%		
Puerto Rico Electric Power Authority, Refunding RB, Series VV (NPFGC), 5.25%, 7/01/26	1,325	1,380,756
Total Municipal Bonds in Puerto Rico		25,926,913
Total Municipal Bonds 136.6%		482,182,705

Municipal Bonds Transferred to Tender Option Bond Trusts (f)

New Jersey 18.7%		
Education 0.3%		
Rutgers State University of New Jersey, Refunding RB, Series F, 5.00%, 5/01/39	990	1,098,497
Housing 1.5%		
New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27		
	4,790	5,271,778
State 5.1%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	9,160	12,424,899
New Jersey EDA, Refunding RB, School Facilities Construction, 5.00%, 3/01/29	4,782	5,586,003
		18,010,902
Transportation 7.9%		
New Jersey Transportation Trust Fund Authority, RB, Series B, 5.25%, 6/15/36	1,900	2,178,008
Port Authority of New York & New Jersey, RB, Consolidated:		
163rd, 5.00%, 7/15/39	11,456	12,984,902
169th, 5.00%, 10/15/41	5,500	6,173,035
Port Authority of New York & New Jersey, Refunding RB, 152nd, AMT, 5.25%, 11/01/35	5,998	6,627,150
		27,963,095
Utilities 3.9%		
Union County Utilities Authority, Refunding LRB, Covanta Union, Series A, AMT, 5.25%, 12/01/31	12,370	13,842,401
Total Municipal Bonds Transferred to Tender Option Bond Trusts in New Jersey		66,186,673

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 Transferred to Tender Option Bond Trusts (f)		
Puerto Rico 0.7%		
State 0.7%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	\$ 2,270	\$ 2,469,377
Total Municipal Bonds Transferred to Tender Option Bond Trusts 19.4%		68,656,050
Total Long-Term Investments (Cost \$501,007,923) 156.0%		550,838,755
Short-Term Securities	Shares	Value
BIF New Jersey Municipal Money Fund, 0.00% (g)(h)	6,216,765	\$ 6,216,765
Total Short-Term Securities (Cost \$6,216,765) 1.8%		6,216,765
Total Investments (Cost \$507,224,688) 157.8%		557,055,520
Other Assets Less Liabilities 0.8%		2,908,652
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (9.7)%		(34,342,659)
VRDP Shares, at Liquidation Value (48.9)%		(172,700,000)
Net Assets Applicable to Common Shares 100.0%		\$ 352,921,513

Notes to Schedule of investments

- (a) Variable rate security. Rate shown is as of report date.
- (b) 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.
- (c) 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.
- (d) Security is collateralized by Municipal or US Treasury obligations.
- (e) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (f) Securities represent bonds transferred to a TOB in exchange for which the Fund acquired residual interest certificates. These securities serve as collateral in a financing transaction. See Note 1 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.
- (g) Investments in issuers considered to be an affiliate of the Fund during the six months ended January 31, 2013, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

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Affiliate	Shares Held at July 31, 2012	Net Activity	Shares Held at January 31, 2013	Income
BIF New Jersey Municipal Money Fund	4,620,110	1,596,655	6,216,765	\$ 4

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

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 ratings group indexes, and/or as defined by Fund management. 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. 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 and 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)

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 level in the fair value hierarchy within which the fair value measurement falls in its entirety 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 is based on the pricing transparency of the investment 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 other significant accounting policies, please refer to Note 1 of the Notes to Financial Statements.

The following table summarizes the Fund's investments categorized in the disclosure hierarchy as of January 31, 2013:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 550,838,755		\$ 550,838,755
Short-Term Securities	\$ 6,216,765			6,216,765
Total	\$ 6,216,765	\$ 550,838,755		\$ 557,055,520

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

See Notes to Financial Statements.

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Schedule of Investments (concluded)

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

Certain of the Fund's liabilities are held at carrying amount, which approximates fair value for financial statement purposes. As of January 31, 2013, such liabilities are categorized within the disclosure hierarchy as follows:

	Level 1	Level 2	Level 3	Total
Liabilities:				
Bank overdraft		\$ (43,056)		\$ (43,056)
TOB trust certificates		(34,330,676)		(34,330,676)
VRDP Shares		(172,700,000)		