BLACKROCK MUNIHOLDINGS CALIFORNIA QUALITY FUND, INC.

Form N-CSRS April 03, 2013 Table of Contents

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 811-08573

Name of Fund: BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

California Quality Fund, Inc., 55 East 52nd Street, New York, NY 10055

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

Date of fiscal year end: 07/31/2013

Date of reporting period: 01/31/2013

Item 1 Report to Stockholders

JANUARY 31, 2013

SEMI-ANNUAL REPORT (UNAUDITED)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

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

BlackRock MuniYield Investment Quality Fund (MFT)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

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

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

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-wracking 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

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	0.07	0.11
Bill Index) 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	7.37	13.87
(Barclays US Corporate High Yield 2% Issuer Capped Index)		
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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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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.

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.

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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.

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.

SEMI-ANNUAL REPORT

JANUARY 31, 2013

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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%

- 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.

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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 Allocation ²		
	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 Structure ⁴	
Calendar Year Ended December 31,	
2013	5%
2014	2
2015	12
2015 2016	12
2017	13

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

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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%

- 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.
- 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.
- 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.

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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 Allocation ¹		
	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 Structure ³	
Calendar Year Ended December 31,	
2013	5%
2013 2014	5
2015	9
2016	4
2017	8

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

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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 sholdings 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%

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

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

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

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

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 Allocation ¹		
	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 Structure ³	
Calendar Year Ended December 31,	
2013	
2014	
2015	1%
2016	2
2017	2.

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

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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%

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

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

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

⁴ Represents 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.

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 Allocation ¹		
	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 Structure ³	
Calendar Year Ended December 31,	
2013	11%
2014	9
2015	7
2015 2016	6
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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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%

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

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

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

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.

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 Allocation ¹		
	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 Structure ³	
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.

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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 Funds 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 Funds 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 Funds 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%

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.

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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 Allocation ¹		
	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 Structure ³	
Calendar Year Ended December 31,	
2013	5%
2014	5
2015	10
2015 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		
Municipal Bonds	(000)	Value	
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%		9,018,089	
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	
	2,250	2,466,517	
California Pollution Control Financing Authority, Refunding RB, Pacific Gas (NPFGC),	2.005	2.002.442	
4.75%, 12/01/23	2,805	3,082,442	
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%,	0.000	10.755.260	
8/01/41	9,000	10,755,360	
Chabot-Las Positas Community College District, GO, CAB, Series C (AMBAC) (a):	14700	4.550.040	
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%,	4.040	4 007 740	
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		
Municipal Bonds	(000)	Value	
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,	2.0	270,002	
5.50%, 2/01/29	900	1,028,016	
San Jose Financing Authority, RB, Convention Center:	700	1,020,010	
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	
	11,000	11,010,072	

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), 4,300 5,152,303 6.25%, 11/01/39

		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	
Partfalia Ahbraviations			

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.

Assured Guaranty Municipal Corp. **AGM AMBAC** American Municipal Bond Assurance Corp. **AMT** Alternative Minimum Tax (subject to)

San Jose Financing Authority, Refunding RB, Civic Center Project, Series B (AMBAC),

ARB Airport Revenue Bonds **BARB** Building Aid Revenue Bonds Berkshire Hathaway Assurance Corp. **BHAC**

CAB Capital Appreciation Bonds COP Certificates of Participation **EDA** Economic Development Authority **EDC** Economic Development Corp. **ERB** Education Revenue Bonds **Grant Anticipation Bonds** GAB **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 Independent School District ISD

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

Lease Revenue Bonds

RB Revenue Bonds S/F Single-Family Syncora Guarantee Syncora

See Notes to Financial Statements.

LRB

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
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%		06,407,363	
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:	2,270	2,763,243	
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,	7,100	1,880,797	
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:	9,033	11,003,470	
Catholic Healthcare West, Series A,			
6.00%, 7/01/34	3,700	4,386,091	
•	2,870		
Stanford Hospital, Series A-3, 5.50%, 11/15/40 California Statewide Communities, Development Authority, RB, Kaiser Permanente:	2,870	3,475,139	
·	27,080	30,398,654	
Series A, 5.00%, 4/01/42 Series B, 5.25%, 3/01/45	6,235	6,638,404	
California Statewide Communities Development Authority, Refunding RB, Catholic	0,233	0,038,404	
Healthcare West, Series D, 5.50%, 7/01/31	1.650	5 106 517	
City of Newport Beach California, Refunding RB, Hoag Memorial Hospital Presbyterian,	4,650	5,186,517	
	3,820	4,699,975	
6.00%, 12/01/40	3,820	4,099,973	
		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:	ć 00.7	5 4 C 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
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		
Municipal Bonds	(000)	Value	
California (continued)	(000)		
Transportation 17.3%			
City of Fresno California, ARB, Series B, AMT (AGM), 5.50%, 7/01/20	\$ 4,455	\$ 4,566,019	
	,	-,- 30,023	

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,	2,773	3,147,013	
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,	2 400	2005.244	
Series A, 6.00%, 3/01/36	2,400	2,995,344	
		117.060.727	
Utilities 26.4%		117,069,737	
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:	2,200	2,002,001	
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	0.072.000	
	7,705	8,973,089	
5.00%, 9/01/42	7,705 5,500	6,355,580	
5.00%, 9/01/42 Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41			
5.00%, 9/01/42 Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32	5,500	6,355,580	
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	5,500 4,000	6,355,580 4,863,760	
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32	5,500 4,000	6,355,580 4,863,760	
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32 East Bay Municipal Utility District, Refunding RB,	5,500 4,000	6,355,580 4,863,760	
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32 East Bay Municipal Utility District, Refunding RB, Sub-Series A:	5,500 4,000 11,935	6,355,580 4,863,760 13,596,949	
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32 East Bay Municipal Utility District, Refunding RB, Sub-Series A: (AGM), 5.00%, 6/01/37	5,500 4,000 11,935	6,355,580 4,863,760 13,596,949	
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41 East Bay Municipal Utility District, RB, Series A (NPFGC), 5.00%, 6/01/32 East Bay Municipal Utility District, Refunding RB, Sub-Series A: (AGM), 5.00%, 6/01/37 (AMBAC), 5.00%, 6/01/33	5,500 4,000 11,935	6,355,580 4,863,760 13,596,949	

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		
Municipal Bonds	(000)	Value	
California (concluded)	(111)		
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,	5.260	5 405 010	
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:	12,013	14,369,021	
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	
San Juan Water District, Refunding RD, San Juan & Citus Heights, 5.25 %, 201135	7,323	0,000,000	
		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,	10,100	1 1,000,000	
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,	0.007	0.007.076	
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	10,316	10,377,034	
(AGM), 5.00%, 8/01/30	10,000	10,811,900	
(1011), 5.00%, 0.0150	Par	10,011,700	
	- 411		
Municipal Bonds Transferred to	(000)	¥7.1	
Tender Option Bond Trusts (c)	(000)	Value	
California (concluded) County/City/Cnoise District/School District (concluded)			
County/City/Special District/School District (concluded) San Bernardino Community College District California, GO, Election of 2002, Series C			
San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31	\$ 17.770	\$ 19,619,146	
(AGIVI), 5.00 /0, 0/011/31	\$ 17,770	\$ 19,619,146	

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%		210,721,030	
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%,	4,000	7,233,040	
8/01/32	8,910	10,114,899	
University of California, RB:	0,710	10,114,055	
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	
on versity of Camorina, Refunding RD, Emitted Project, Series G, 5.00 %, 5/15/5/	21,371	24,750,100	
		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	
	<u> </u>		
		05 626 924	
T-4-1 M:		95,626,834	
Total Municipal Bonds Transferred to		412 642 025	
Tender Option Bond Trusts 61.1%		413,642,025	
Total Long-Term Investments		1 110 404 604	
(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)

Short-Term Securities	Shares	Value
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:

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

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

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

(Contracts				Notional	Unrealized
	Sold	Issue	Exchange	Expiration	Value	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.

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.

SEMI-ANNUAL REPORT JANUARY 31, 2013 21

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 Instruments ²				
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)
2000	Ψ 201,000	Ψ (,150,502)		Ψ (, 100,502)

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

See Notes to Financial Statements.

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Schedule of Investments January 31, 2013 (Unaudited)

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

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
New Jersey 128.0%	(000)	vaiue
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:	2.500	2 004 025
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):	2,090	2,632,330
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):	1 225	1 255 141
4.25%, 3/01/34 4.25%, 3/01/35	1,235 1,300	1,355,141 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),	1,570	1,303,943
5.00%, 10/01/13 (c)	4,400	4,540,316
Essex County Improvement Authority, Refunding RB, Project Consolidation:	1.000	1 222 070
(AMBAC), 5.25%, 12/15/18	1,000	1,222,860
(NPFGC), 5.50%, 10/01/27 (NPFGC), 5.50%, 10/01/28	250 4,840	330,547 6,415,178
Hudson County Improvement Authority, RB:	4,040	0,413,178
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):	300	300,013
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),	2 000	2 202 280
5.00%, 9/15/21 November Housing Authority, Refunding RR, November Reduced amount Project (NDECC)	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
	Par	58,295,873
	Fai	
Municipal Bonds	(000)	Value
New Jersey (continued)		

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),
New Jersey Educational Facilities Authority, RB: Montclair State University, Series A (AMBAC), 5.00%, 7/01/21 Montclair State University, Series A (AMBAC), 5.00%, 7/01/22 Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31 Rowan University, Series C (NPFGC),
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), 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),
Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31 Rowan University, Series C (NPFGC), 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
4.50%, 12/01/28 3,380 3,555,456
4,50%, 12/01/29 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	
Municipal Bonds	(000)	Value
New Jersey (continued)	(333)	
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
	7	77
		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
State 33.6%		24,536,431
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
	10,000	7,001,900
Election of 2005, Series A,	1,960	2,243,122
5.80%, 11/01/15 (c) Election of 2005, Series A,	1,900	2,243,122
	2,730	3,124,349
5.80%, 11/01/15 (c) Conden State Proceduration Trust Refunding RR. Series C (ACM):	2,730	3,124,349
Garden State Preservation Trust, Refunding RB, Series C (AGM):	5,000	(249 050
5.25%, 11/01/20 5.25%, 11/01/21	5,000	6,348,050
5.25%, 11/01/21 New Janes FDA BB:	7,705	9,885,977
New Jersey EDA, RB:	£9.£	(2(902
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 Par	2,097,880
	i ai	
Municipal Bonds	(000)	Value
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

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	
Same of the worse, a corp. Equipment Deuts 1 are made, series 11, 5.25 %, 6/10/2/	1,000	1,222,001	
		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	
	2,713	2,900,399	
New Jersey Transportation Trust Fund Authority, RB, Transportation System:	6,000	2 142 200	
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),	1 400	400.064	
4.57%, 12/15/35 (e)	1,400	498,064	
CAB, Series C (AMBAC),	5.24 0		
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		
Municipal Bonds	(000)	Value	
New Jersey (concluded)	(000)	, and	
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	
1011.01, 01 044.11, 123, 001.62 1, 000.0, 101.01	,,,,	,	
Y. W		3,559,996	
Utilities 0.3%			
Guam Power Authority, Refunding RB, Series A:	225	2/2 520	
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 State 5.2%	1,750	1,758,663	
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	

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%		41,703,093	
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	12,570	13,072,701	
- viii i i i i i i i i i i i i i i i i i			

See Notes to Financial Statements.

Tender Option Bond Trusts in New Jersey

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66,186,673

Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds Transferred to			
Tender Option Bond Trusts (f)	(000)	Value	
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:

	Shares Held		Shares Held	
	at July 31,	Net	at January 31,	
Affiliate	2012	Activity	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 Funds 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)		(172,700,000)
Total		\$ (207,073,732)		\$ (207,073,732)

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

See Notes to Financial Statements.

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Schedule of Investments January 31, 2013 (Unaudited)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
Alabama 6.7%		
Alabama Incentives Financing Authority, RB, Series A,	\$ 2,000	¢ 2.207.560
5.00%, 9/01/42 Birmingham Special Care Facilities Financing Authority, RB, Children s Hospital (AGC):	\$ 3,000	\$ 3,397,560
6.13%, 6/01/34	1,500	1,784,580
6.00%, 6/01/39	2,985	3,492,062
Selma IDB, RB, International Paper Co. Project,	2,703	3,472,002
5.38%, 12/01/35	350	386,869
		9,061,071
Arizona 0.4%		7,001,071
Arizona Board of Regents, Refunding RB, University of Arizona, Series A, 5.00%, 6/01/42	500	572,100
California 17.4%		
California Educational Facilities Authority, RB, University of Southern California, Series A,		
5.25%, 10/01/38	1,960	2,311,114
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	1,150	1,382,082
California State Public Works Board, RB, Various Capital Projects, Series G-1 (AGC),		
5.25%, 10/01/24	1,900	2,198,737
City of San Jose California, Refunding ARB,		
Series A-1, AMT:		
5.50%, 3/01/30	1,600	1,834,464
6.25%, 3/01/34	1,250	1,504,800
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/41	1,400	1,625,358
Los Angeles Community College District California, GO, Election of 2001, Series A (NPFGC),	2.790	2 170 190
5.00%, 8/01/32 Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/34	2,780	3,179,180
	1,000 840	1,196,290
San Bernardino Community College District, GO, Election of 2002, Series A, 6.25%, 8/01/33 San Diego Public Facilities Financing Authority, Refunding RB, Series B (AGC), 5.38%, 8/01/34	1,020	1,017,895 1,198,939
State of California, GO, Various Purpose (AGC),	1,020	1,170,737
5.50%, 11/01/39	3,450	4,012,212
State of California, GO, Refunding, Various Purpose, 5.00%, 9/01/41	1,860	2,096,108
Same of Cambridge, Colorada Largosco, Clos 10, 770 1711	1,000	2,000,100
		23,557,179
Colorado 1.7%		23,331,117
City & County of Denver Colorado, Refunding ARB, Series B, 5.00%, 11/15/37	600	689,580
Colorado Health Facilities Authority, RB, Hospital NCMC, Inc. Project, Series B (AGM),	000	007,500
6.00%, 5/15/26	1,300	1,545,713
	,	· ·
		2,235,293
Florida 3.7%		2,233,273
City of Jacksonville Florida, Refunding RB, Better Jacksonville, Series A, 5.00%, 10/01/30	755	880,866
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	1,000	1,123,610
County of Miami-Dade Florida Aviation, Refunding RB, Series A, AMT, 5.00%, 10/01/31	1,500	1,667,505
Florida Housing Finance Corp., HRB, Brittany Rosemont Apartments, Series C-1, AMT		
(AMBAC),		
6.75%, 8/01/14	170	170,410
Jacksonville Florida Port Authority, Refunding RB, AMT, 5.00%, 11/01/38	850	923,746
Manatee County Housing Finance Authority, RB, Series A, AMT (Fannie Mae), 5.90%, 9/01/40	255	277,608
		5,043,745
	Par	
Municipal Bonds	(000)	Value
Georgia 2.5%		
City of Atlanta Georgia, Refunding ARB, Series C, AMT:		
5.00%, 1/01/37	\$ 2,000	\$ 2,229,640
5.00%, 1/01/42	1,000	1,104,340

		3,333,980	
Illinois 15.2%			
Chicago Illinois Board of Education, GO, Series A:			
5.50%, 12/01/39	1,500	1,753,515	
5.00%, 12/01/42	1,890	2,072,933	
Chicago Transit Authority, RB:			
Federal Transit Administration Section 5309, Series A (AGC), 6.00%, 6/01/26	1,400	1,626,898	
Sales Tax Receipts Revenue, 5.25%, 12/01/36	425	490,501	
Sales Tax Receipts Revenue, 5.25%, 12/01/40	2,355	2,696,522	
City of Chicago Illinois, ARB, O Hare International Airport, General, Third Lien:	,	, , .	
Series A, 5.75%, 1/01/39	770	906,929	
Series C, 6.50%, 1/01/41	3,680	4,758,792	
City of Chicago Illinois, Refunding RB, Sales Tax Revenue, Series A, 5.25%, 1/01/38	525	605,703	
Cook County Forest Preserve District, GO, Series C, 5.00%, 12/15/32	385	443,412	
	363	443,412	
Cook County Forest Preserve District, GO, Refunding, Limited Tax Project, Series B, 5.00%,	190	207.210	
12/15/32	180	207,310	
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	1,555	1,866,466	
Metropolitan Pier & Exposition Authority, Refunding RB, McCormick Place Project, Series B,	1.260	4.504.640	
5.00%, 12/15/28	1,360	1,591,649	
Railsplitter Tobacco Settlement Authority, RB:			
5.50%, 6/01/23	940	1,118,280	
6.00%, 6/01/28	270	324,246	
		20,463,156	
Indiana 4.0%		20,403,130	
Indiana Finance Authority Waste Water Utility, RB, CWA Authority Project, First Lien, Series A,			
5.00%, 10/01/41	1,500	1,694,400	
	1,300	1,094,400	
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A			
(AGC),	2.210	2.757.200	
5.50%, 1/01/38	3,310	3,757,380	
		5,451,780	
Kansas 2.1%			
Kansas Development Finance Authority, Refunding RB, Adventist Health System, Sunbelt			
Obligation Group, Series A, 5.00%, 11/15/32	2,410	2,791,768	
Louisiana 0.5%	_,	_,,,,,,,,	
New Orleans Aviation Board Louisiana, Refunding GARB, Restructuring (AGC):			
Series A-1, 6.00%, 1/01/23	375	446,306	
Series A-2, 6.00%, 1/01/23	160	190,424	
Selies A-2, 0.00 /6, 1/01/25	100	170,424	
		636,730	
Michigan 4.9%			
City of Detroit Michigan, RB, Series B (AGM),			
6.25%, 7/01/36	1,800	2,100,222	
City of Detroit Michigan, Refunding RB,			
Senior Lien (AGM):			
Series C-1, 7.00%, 7/01/27	1,650	2,033,658	
Sewage Disposal System, Series B,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
7.50%, 7/01/33	660	824,729	
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital,	500	021,727	
8.25%, 9/01/39	1,265	1,617,505	
0.20 10, 710 1107	1,200	1,017,303	
		6,576,114	

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

Municipal Bonds Minnesota 2.7%	Par (000)	Value
City of Minneapolis Minnesota, Refunding RB, Fairview Health Service, Series B (AGC), 6.50%, 11/15/38	\$ 3,000	\$ 3,684,630
Mississippi 1.8%		
Mississippi Development Bank, Refunding RB:		
Jackson Mississippi Water & Sewer System, Series A (AGM), 5.00%, 9/01/30	1,715	1,998,798
Jackson Public School District Project,	·	
5.00%, 4/01/28	380	433,280
		2,432,078
Nevada 4.1%		
Clark County Water Reclamation District, GO,		
Series A, 5.25%, 7/01/34	1,500	1,801,680
County of Clark Nevada, ARB:		
Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 7/01/39	2,375	2,673,324
Subordinate Lien, Series A-2 (NPFGC),	,	<i>.</i> .
5.00%, 7/01/36	1,000	1,047,350
		5,522,354
New Jersey 2.2%		3,322,33 ⁻ T
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health (AGC), 5.50%, 7/01/38	1,400	1,562,190
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series A, 5.50%, 701738	1,400	1,302,190
6/15/41	1,195	1,388,745
		2,950,935
New York 5.6%		2,930,933
Metropolitan Transportation Authority, Refunding RB, Transportation Revenue, Series C,		
	1 200	1 421 222
5.00%, 11/15/28	1,200	1,421,232
New York City Municipal Water Finance Authority, Refunding RB, Series FF-2, 5.50%, 6/15/40	1,545	1,823,594
New York City Transitional Finance Authority, RB, Fiscal 2009, Series S-4 (AGC), 5.50%,	• • • •	2 257 100
1/15/29	2,000	2,375,100
New York State Dormitory Authority, RB, Series B:		2/2 2/2
5.00%, 3/15/37	750	868,260
5.00%, 3/15/42	1,000	1,144,800
		7,632,986
North Carolina 1.2%		
North Carolina Medical Care Commission, RB, Duke University Health System, Health Care Facilities, Series A,		
5.00%, 6/01/32	1,360	1,599,319
Ohio 1.3%		
Ohio State University, RB, General Receipts Special Purpose, Series A:		
5.00%, 6/01/38	605	705,951
5.00%, 6/01/43	910	1,052,251
		1,758,202
Pennsylvania 5.8%		
Pennsylvania Higher Educational Facilities Authority, RB, Temple University, 5.00%, 4/01/42	2,000	2,266,960
Pennsylvania Turnpike Commission, RB:		
Motor License Fund-Enhanced, Sub-Series B, 5.00%, 12/01/42	2,870	3,233,055
Sub-Series A, 6.00%, 12/01/41	2,000	2,270,120
		7,770,135
Puerto Rico 1.2%		1,110,133
Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 6.38%, 8/01/39	1,425	1,603,154
Tuesto Rico outes Tax I maneing corp., RD, I had out-outes A, 0.30 /0, 0/01/37	1,743	1,000,104

Municipal Bonds	Par (000)	Value	
Texas 21.1%	(000)	value	
Austin Community College District, RB, Educational Facilities Project, Round Rock Campus,			
5.25%, 8/01/33	\$ 2,250	\$ 2,573,955	
City of Houston Texas, Refunding RB, Series A (AGC):	4 2,200	4 2,070,000	
6.00%, 11/15/35	2,700	3,290,544	
6.00%, 11/15/36	2,055	2,517,991	
5.38%, 11/15/38	1,000	1,169,480	
Dallas Fort Worth International Airport, ARB, Series H, AMT, 5.00%, 11/01/42	2,255	2,433,799	
Dallas Fort Worth International Airport, Refunding ARB, Series E, AMT, 5.00%, 11/01/35	2,000	2,184,960	
Frisco ISD Texas, GO, School Building (AGC),	,	, . ,	
5.50%, 8/15/41	1,210	1,491,712	
Harris County Health Facilities Development Corp., Refunding RB, Memorial Hermann	,	• •	
Healthcare System, Series B, 7.25%, 12/01/35	500	622,915	
Katy ISD Texas, GO, Refunding, Unlimited Tax School Building, Series A (PSF-GTD), 5.00%,			
2/15/42	755	872,470	
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	2,750	3,273,655	
North Texas Tollway Authority, Refunding RB:			
First Tier (AGM), 6.00%, 1/01/43	1,000	1,183,670	
Series K-1 (AGC), 5.75%, 1/01/38	1,400	1,582,140	
Tarrant County Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series			
A (AGC),			
6.50%, 7/01/37	1,100	1,307,262	
Texas Tech University, Refunding RB, Improvement Bonds, 14th Series A, 5.00%, 8/15/29	1,105	1,307,823	
Texas Transportation Commission, Refunding RB, First Tier, Series A, 5.00%, 8/15/41	450	496,652	
University of Texas System, Refunding RB, Financing System, Series B, 5.00%, 8/15/43	1,835	2,155,758	
		28,464,786	
Utah 0.8%		20,404,700	
Utah Transit Authority, Refunding RB, Series 2012, 5.00%, 6/15/42	1,000	1,130,020	
Virginia 6.0%	1,000	1,130,020	
Fairfax County IDA, RB, Inova Health System Project, Series A, 5.00%, 5/15/40	700	795.704	
Norfolk EDA, Refunding RB, Sentara Healthcare, Series B, 5.00%, 11/01/36	4,000	4,577,120	
Virginia Public School Authority, RB, School Financing, 6.50%, 12/01/18 (a)	1,000	1,319,260	
Virginia Resources Authority, RB, Series A-1,	1,000	1,012,200	
5.00%, 11/01/42	1,245	1,449,504	
	1,2 .0	1,113,001	
		0.141.500	
XX 1. 4 # ###		8,141,588	
Washington 1.5%	1.000	1.160.050	
City of Seattle Washington, Refunding RB, Series A, 5.25%, 2/01/36	1,000	1,169,050	
State of Washington, GO, Various Purpose, Series B, 5.25%, 2/01/36	725	853,224	
		2,022,274	
Wisconsin 1.3%			
Wisconsin Health & Educational Facilities Authority, RB, Ascension Health, Series D,			
5.00%, 11/15/41	1,250	1,407,863	
Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert Health, Inc.			
Obligated Group, Series A, 5.00%, 4/01/42	320	359,622	
		1,767,485	
Total Municipal Bonds 115.7%		156,202,862	
Zom namerpu Dones 11017/0		130,202,002	

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

Municipal Bonds Transferred to Tender Option Bond Trusts (b) Alabama 1.2%	Par (000)	Value	
Mobile Board of Water & Sewer Commissioners, RB (NPFGC), 5.00%, 1/01/31 California 0.9%	\$ 1,500	\$ 1,633,095	
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37 District of Columbia 0.7%	1,000	1,159,336	
District of Columbia Water & Sewer Authority, Refunding RB, Series A, 6.00%, 10/01/35 (c) Florida 2.9%	750	910,510	
County of Miami-Dade Florida, Refunding RB, Transit System, Sales Surtax, 5.00%, 7/01/42	660	742,764	
Hillsborough County Aviation Authority, RB, Series A, AMT (AGC), 5.50%, 10/01/38	2,499	2,732,627	
Lee County Housing Finance Authority, RB, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40	465	491,626	
		3,967,017	
Illinois 3.2%			
Chicago Transit Authority, Refunding RB, Federal Transit Administration Section 5309 (AGM), 5.00%, 6/01/28 City of Chicago Illinois, Refunding RB,	2,999	3,301,983	
5.00%, 11/01/42	960	1,085,200	
		4,387,183	
Kentucky 0.9%			
Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27 Massachusetts 1.7%	1,002	1,158,560	
Massachusetts School Building Authority, RB, Sales Tax, Senior Series B, 5.00%, 10/15/41	2,040	2,352,161	
Nevada 7.2%			
Clark County Water Reclamation District, GO: Limited Tax, 6.00%, 7/01/38	2,010	2,428,784	
Series B, 5.50%, 7/01/29	1,994	2,436,382	
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	4,200	4,895,940	
		9,761,106	
New Jersey 3.1%			
New Jersey EDA, RB, School Facilities Construction, Series Z (AGC), 6.00%, 12/15/34 New Jersey State Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC,	1,000	1,192,670	
5.25%, 10/01/29 New Jersey Transportation Trust Fund Authority, RB, Series B, 5.25%, 6/15/36	1,610 1,000	1,788,052 1,146,320	
1100 Jersey Transportation Trust Fund Authority, RD, Series B, 5.25 %, 6/15/50	1,000	1,140,320	
New York 21.1%		4,127,042	
Hudson New York Yards Infrastructure Corp., RB, Series A, 5.75%, 2/15/47	1,000	1,193,205	
New York City Municipal Water Finance Authority, Refunding RB: Second General Resolution, Fiscal 2012, Series BB, 5.25%, 6/15/44	2,999	3,467,740	
Series FF, 5.00%, 6/15/45	2,999	3,417,456	
Series FF-2, 5.50%, 6/15/40	1,095	1,292,147	
New York City Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 1/15/39	1,000	1,122,205	
New York City Transitional Finance Authority, RB, Sub-Series E-1, 5.00%, 2/01/42 Municipal Bonds Transferred to	1,160 Par	1,332,652	
Tender Option Bond Trusts (b)	(000)	Value	
New York (concluded)	(000)		
New York Liberty Development Corp., RB, 1 World Trade Center Project, 5.25%, 12/15/43	\$ 3,000	\$ 3,451,573	
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%,	1 770	2,000,902	
11/15/51 New York State Dormitory Authority, ERB, Series B, 5.25%, 3/15/38	1,770 3,250	2,099,893 3,800,582	
New York State Dormitory Authority, RB, General Purpose, Series C, 5.00%, 3/15/41	4,500	5,109,615	
, , , , , , , , , , , , , , , , , , , ,	,		

New York State Thruway Authority, Refunding RB, Series G (AGM), 5.00%, 1/01/32	2,000	2,184,740	
		28,471,808	
Puerto Rico 1.0%		-, -, -, -	
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	1,200	1,305,408	
Texas 4.2%			
City of San Antonio Texas, Refunding RB, Series A, 5.25%, 2/01/31 (c)	2,609	3,107,769	
Waco Educational Finance Corp., Refunding RB, Baylor University, 5.00%, 3/01/43	2,220	2,542,188	
		5,649,957	
Utah 0.8%			
City of Riverton Utah Hospital, RB, IHC Health Services, Inc., 5.00%, 8/15/41	1,005	1,111,932	
Washington 1.6%			
University of Washington, Refunding RB, Series A, 5.00%, 7/01/41	1,875	2,181,837	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 50.5%		68,176,952	
Total Long-Term Investments			
(Cost \$204,021,094) 166.2%		224,379,814	
Short-Term Securities	Shares		
FFI Institutional Tax-Exempt Fund, 0.01% (d)(e)	110,369	110,369	
Total Short-Term Securities			
(Cost \$110,369) 0.1%		110,369	
Total Investments (Cost \$204,131,463) 166.3%		224,490,183	

See Notes to Financial Statements.

Other Assets Less Liabilities 1.7%

Expense and Fees Payable (26.1)%

VMTP Shares, at Liquidation Value (41.9)%

Net Assets Applicable to Common Shares 100.0%

Liability for TOB Trust Certificates, Including Interest

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JANUARY 31, 2013

2,317,187

(35,273,232)

(56,500,000)

\$ 135,034,138

Schedule of Investments (concluded)

BlackRock MuniYield Investment Quality Fund (MFT)

Notes to Schedule of investments

- (a) US government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) 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.
- (c) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the liquidity provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements is \$2,114,529.
- (d) 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:

	Shares Held	Shares Held		
	at July 31,	Net	at January 31,	
Affiliate	2012	Activity	2013	Income
FFI Institutional Tax-Exempt Fund		110,369	110,369	\$ 243

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

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		\$ 224,379,814		\$ 224,379,814
Short-Term Securities	\$ 110,369			110,369
Total	\$ 110,369	\$ 224,379,814		\$ 224,490,183

¹ See above Schedule of Investments for values in each state or political sub-division.

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		\$ (52,553)		\$ (52,553)
TOB trust certificates		(35,255,933)		(35,255,933)
VMTP Shares		(56,500,000)		(56,500,000)
Total		\$ (91,808,486)		\$ (91,808,486)

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

See Notes to Financial Statements.

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Schedule of Investments January 31, 2013 (Unaudited)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
Michigan 126.2%	(000)	, uiuc	
Corporate 6.2%			
Dickinson County EDC, Refunding RB, International Paper Co. Project, Series A, 5.75%,			
6/01/16	\$ 3,900	\$ 3,913,182	
Monroe County EDC, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 9/01/22	10,695	14,372,797	
		18,285,979	
County/City/Special District/School District 35.6%			
Adrian City School District Michigan, GO (AGM) (a):			
5.00%, 5/01/14	2,000	2,116,840	
5.00%, 5/01/14	1,600	1,693,472	
Anchor Bay School District, GO, Refunding (Q-SBLF):			
4.13%, 5/01/25	3,000	3,315,810	
4.25%, 5/01/26	1,800	1,991,430	
4.38%, 5/01/27	960	1,062,230	
4.00%, 5/01/28	240	256,872	
4.38%, 5/01/28	600	658,038	
4.00%, 5/01/29 4.50%, 5/01/29	620 900	660,325 996,588	
Bay City School District Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/36	2,800	3,071,684	
Birmingham City School District Michigan, GO, School Building & Site (AGM),	2,800	3,071,064	
5.00%, 11/01/33	1,000	1,057,490	
Brighton Area School District, GO, School Building & Site, Series I (Q-SBLF), 4.25%, 5/01/37	3,570	3,702,911	
Charter Township of Canton Michigan, GO, Capital Improvement (AGM):	3,370	3,702,711	
5.00%, 4/01/25	1,840	2,094,822	
5.00%, 4/01/26	2,000	2,248,040	
5.00%, 4/01/27	500	562,010	
City of Oak Park Michigan, GO, Street Improvement (NPFGC), 5.00%, 5/01/30	500	546,360	
Comstock Park Public Schools, GO, School Building & Site, Series B (Q-SBLF):			
5.50%, 5/01/36	750	870,630	
5.50%, 5/01/41	1,355	1,562,342	
County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/19	600	645,540	
County of Genesee Michigan, GO, Water Supply System (NPFGC), 5.13%, 11/01/33	1,000	1,028,390	
Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC),	2 200	2 710 727	
5.50%, 5/01/39 Detroit City School District Michigan, CO. School Puilding & Site Improvement (NDECC)	3,300	3,718,737	
Detroit City School District Michigan, GO, School Building & Site Improvement (NPFGC) (a):			
Series A, 5.38%, 5/01/13	1,300	1,316,705	
Series B, 5.00%, 5/01/13	2,850	2,883,943	
Eaton Rapids Public Schools Michigan, GO, School Building & Site (AGM) (a):	_,	_,,	
5.25%, 5/01/14	1,325	1,407,057	
5.25%, 5/01/14	1,675	1,778,733	
Flint EDC, RB, Michigan Department of Human Services Office Building Project, 5.25%, 10/01/41	3,070	3,304,272	
Fraser Public School District, GO, School Building & Site (AGM), 5.00%, 5/01/25	2,000	2,179,720	
Trade Tubile Belloof Bibliet, 300, Selloof Building & Sile (1881), 5.00 %, 5.01/25	Par	2,179,720	
Municipal Rands	(000)	Volue	
Municipal Bonds Michigan (continued)	(000)	Value	
County/City/Special District/School District (concluded)			
Gibraltar School District Michigan, GO, School Building & Site Improvement (NPFGC) (a):			
5.00%, 5/01/14	\$ 710	\$ 751,755	

5.00%, 5/01/14	2,940	3,111,755	
Goodrich Area School District, GO, School Building & Site (Q-SBLF):			
5.50%, 5/01/32	600	706,956	
5.50%, 5/01/36	1,200	1,394,892	
5.50%, 5/01/41	1,575	1,814,778	
Gull Lake Community School District, GO, School Building & Site (AGM), 5.00%, 5/01/14			
(a)	3,625	3,839,129	
Harper Creek Community School District Michigan, GO, Refunding (AGM), 5.00%,			
5/01/22	1,125	1,226,092	
Harper Woods School District Michigan, GO, Refunding, School Building & Site (NPFGC),			
5.00%, 5/01/14 (a)	430	447,544	
Howell Public Schools, GO, Refunding (Q-SBLF),			
4.50%, 5/01/29	1,090	1,237,194	
Hudsonville Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	4,100	4,650,917	
L Anse Creuse Public Schools Michigan, GO, School Building & Site (AGM):			
5.00%, 5/01/24	1,000	1,089,860	
5.00%, 5/01/25	1,525	1,662,036	
5.00%, 5/01/26	1,600	1,735,168	
5.00%, 5/01/35	3,000	3,216,870	
Lansing Building Authority Michigan, GO, Series A (NPFGC), 5.38%, 6/01/13 (a)	1,510	1,536,063	
Lincoln Consolidated School District Michigan, GO, Refunding (NPFGC), 4.63%, 5/01/28	5,000	5,395,500	
Livonia Public Schools School District Michigan, GO, Refunding, Series A (NPFGC),			
5.00%, 5/01/24	1,000	1,048,960	
Montrose Community Schools, GO (NPFGC),			
6.20%, 5/01/17	1,000	1,209,320	
Orchard View Schools Michigan, GO, School Building & Site (NPFGC),			
5.00%, 11/01/13 (a)	5,320	5,510,722	
Parchment School District, County of Kalamazoo, State of Michigan, GO, School			
Building & Site,			
5.00%, 5/01/25	1,000	1,149,740	
Pennfield School District Michigan, GO, School Building & Site (NPFGC) (a):			
5.00%, 5/01/14	765	809,194	
5.00%, 5/01/14	605	639,951	
Reed City Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/14			
(a)	1,425	1,509,175	
Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM) (Q-SBLF):			
4.13%, 5/01/25	1,150	1,254,431	
4.25%, 5/01/26	1,200	1,313,172	
4.25%, 5/01/27	1,200	1,307,304	
4.50%, 5/01/29	1,025	1,124,804	
Southfield Public Schools Michigan, GO, School Building & Site, Series B (AGM),	2 000	2.447.620	
5.00%, 5/01/14 (a)	2,000	2,117,620	
Thornapple Kellogg School District Michigan, GO, Refunding, School Building & Site			
(NPFGC),	2.500	2 792 975	
5.00%, 5/01/32	2,500	2,782,875	
Van Dyke Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/28	1,250	1,427,925	
Zeeland Public Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/14	1.600	1 (04 00)	
(a)	1,600	1,694,096	
		105,446,789	

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

Minicipal Bonds 1,000 1,		Par		
Additional Continued	Municipal Bonds	(000)	Value	
riand Valley State University, Refunding RB (AGM): 1917-625 200%, 11/15/26 770 813,875 200%, 11/15/26 465 490,110 200%, 11/15/26 465 490,110 200%, 11/15/28 400 417,156 417,156 4		(111)		
ake Superior State University, Refunding RB (AGM): 00%, 111/15/27 465 490,110 00%, 111/15/27 465 490,110 00%, 111/15/28 310 324,979 00%, 11/15/29 400 417,156 00%, 11/15/29 310 321,864 16thigan Higher Education Facilities Authority, RB, Limited Obligation, Hillsdale College roject, 00%, 30/15/35 1,720 1,741,466 16thigan State University, Refunding RB, General, Series C, 5,00%, 2/15/40 16thigan Technological University, Refunding RB, General, Series A, 5,00%, 10/01/34 1,650 1,871,842 1,893,893 1,894,894				
ake Superior State University, Refunding RB (AGM): 00%, 11/15/27 465 490,110 00%, 11/15/27 465 490,110 00%, 11/15/29 310 324,979 00%, 11/15/29 310 321,864 (thispian Higher Education Facilities Authority, RB, Limited Obligation, Hillsdale College roject, 00%, 30/135 (thispian Technological University, Refunding RB, General, Series C, 5.00%, 2/15/40 (thispian Technological University), Refunding RB, General, Series A, 5.00%, 10/01/34 (thispian Technological University) Michigan, Refunding RB, General (Series A, 5.00%, 10/01/34 (aginaw Valley State University) Michigan, Refunding RB, General (Series A, 5.00%, 10/01/34 (aginaw Valley State University) Michigan, Refunding RB, General (Series A, 5.00%, 10/01/34 (aginaw Valley State University) Michigan, Refunding RB, General (NPFGC), 00%, 7/01/24 (vestern Michigan University, Refunding RB, General, Series A, 5.00%, 10/01/34 (aginaw Valley State University) Michigan, Refunding RB, Hurley Medical Center (ACA): 17,733,781 [teath 23.2% lint Hospital Building Authority Michigan, Refunding RB, Hurley Medical Center (ACA): 00%, 7/01/20 10.05 10.0		\$ 1,760	\$ 1,917,625	
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1,00%, 11/15/29		4,750	5,355,340	
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### dichigan State Hospital Finance Authority, RB: ### discension Health Senior Credit Group, Senies A (AMBAC), 5.50%, 4/15/18	.00%, 12/01/31	3,100	3,551,949	
Ascension Health Senior Credit Group, ASSENSION HEALTH HEALTH HEALTH HEALTH HEALTH HEALTH HEALTH HEALTH HEAL	.00%, 12/01/35	3,100	3,480,618	
3,700 4,301,287 4,301,287 4,301,287 5,500 2,537,185 5,500 1,000 5,500, 8/01/35 1,000 6,500, 4/15/26 620 6,500, 4/15/26 620 6,500, 4/15/36 3,550 6,500, 4/15/36 6,500, 4/15/3	lichigan State Hospital Finance Authority, RB:			
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Cospital, MidMichigan Obligated Group, Series A (AMBAC), 5.50%, 4/15/18	•	3,700	4,301,287	
IcLaren Health Care, Series C, 5.00%, 8/01/35 1,000 1,074,720 IidMichigan Obligated Group, Series A, 620 655,402 IidMichigan Obligated Group, Series A, 3,550 3,692,461 Iichigan State Hospital Finance Authority, Refunding RB: 5,500 2,653,475 Ienry Ford Health System, Series A, 2,500 2,653,475 Iospital, Oakwood Obligated Group, Series A, 5.75%, 4/01/13 (a) 5,000 5,046,050 Iospital, Oakwood Obligated Group, 4,000 4,442,920	•			
IdiMichigan Obligated Group, Series A, 620 655,402 IdiMichigan Obligated Group, Series A, 3,550 3,692,461 Idichigan State Hospital Finance Authority, Refunding RB: 3,550 3,692,461 Ienry Ford Health System, Series A, 2,500 2,653,475 Iospital, Oakwood Obligated Group, Series A, 5.75%, 4/01/13 (a) 5,000 5,046,050 Iospital, Oakwood Obligated Group, 4,000 4,442,920				
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IdMichigan Obligated Group, Series A, 3,550 3,692,461 3,550 3,692,461 Ichigan State Hospital Finance Authority, Refunding RB: 5,000 2,653,475 4,000 5,046,050 4,000 4,442,920		620	655.402	
100%, 4/15/36 3,550 3,692,461 Itichigan State Hospital Finance Authority, Refunding RB: Itenry Ford Health System, Series A, 25%, 11/15/46 2,500 2,653,475 Itenstity Ford Health System, Series A, 25%, 11/15/46 5,000 5,046,050 Itenstity Ford Health System, Series A, 25%, 11/15/46 4,000 5,000 5,046,050 Itenstity Ford Health System, Series A, 25%, 11/15/46 4,000 4,442,920		020	055,402	
dichigan State Hospital Finance Authority, Refunding RB: denry Ford Health System, Series A, .25%, 11/15/46 2,500 2,653,475 dospital, Oakwood Obligated Group, Series A, 5.75%, 4/01/13 (a) 5,000 5,046,050 dospital, Oakwood Obligated Group, 4,000 4,442,920		2 550	2 602 461	
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.25%, 11/15/46 2,500 2,653,475 lospital, Oakwood Obligated Group, Series A, 5.75%, 4/01/13 (a) 5,000 5,046,050 lospital, Oakwood Obligated Group, 4,000 4,442,920				
Jospital, Oakwood Obligated Group, Series A, 5.75%, 4/01/13 (a) 5,000 5,046,050 Jospital, Oakwood Obligated Group, 4,000 4,442,920		2.500	2 (52 155	
Sospital, Oakwood Obligated Group, 4,000 4,442,920				
00%, 11/01/32 4,000 4,442,920		5,000	5,046,050	
ospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/21 600 676.278				
1 , 0 17 ,	ospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/21	600	676,278	
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Municipal Bonds (000) Value	•	(000)	vaide	
fichigan (continued)				
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lichigan State Hospital Finance Authority, Refunding RB (concluded):	· · · · · · · · · · · · · · · · · · ·			
(ospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/25 \$ 3,260 \$ 3,527,027	ospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/25	\$ 3,260	\$ 3,527,027	

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Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/37	630	662,817	
Hospital, Sparrow Obligated, 5.00%, 11/15/31	3,100	3,304,631	
Mclaren Health Care, 5.75%, 5/15/38	4,500	5,198,670	
McLaren Health Care, Series A, 5.00%, 6/01/35	1,390	1,544,207	
Trinity Health Credit Group, Series A,	020	1 104 175	
6.25%, 12/01/28	930	1,124,175	
Trinity Health Credit Group, Series A,	1.000	1 207 800	
6.50%, 12/01/33	1,000	1,207,800	
Trinity Health Credit Group, Series C,	4,460	4 610 026	
4.00%, 12/01/32 Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont	4,400	4,610,926	
Hospital, 8.25%, 9/01/39	1,000	1,278,660	
	475	484,201	
Sturgis Building Authority, RB, Sturgis Hospital Project (NPFGC), 4.75%, 10/01/34	4/3	464,201	
		68,914,479	
Housing 8.8%			
Michigan State HDA, RB:			
Deaconess Tower,			
AMT (Ginnie Mae), 5.25%, 2/20/48	1,000	1,039,520	
Series A, 4.75%, 12/01/25	4,235	4,672,518	
Series A, AMT (NPFGC), 5.30%, 10/01/37	130	130,133	
Williams Pavilion, AMT (Ginnie Mae), 4.75%, 4/20/37	3,740	3,866,337	
Michigan State HDA, Refunding RB:			
Rental Housing Revenue,			
Series D,4.50%, 10/01/48	9,715	9,837,603	
Series A, 6.05%, 10/01/41	6,010	6,514,720	
		26,060,831	
State 16.3%			
Michigan Municipal Bond Authority, Refunding RB, Local Government, Charter County			
Wayne, Series B (AGC), 5.38%, 11/01/24	125	145,476	
Michigan State Building Authority, Refunding RB, Facilities Program:			
Series H (AGM), 5.00%, 10/15/26	4,500	5,143,230	
Series I, 6.25%, 10/15/38	3,900	4,746,378	
Series I (AGC), 5.25%, 10/15/24	4,000	4,749,080	
Series I (AGC), 5.25%, 10/15/25	2,000	2,380,220	
Series I (AGC), 5.25%, 10/15/26	600	710,778	
Series I-A, 5.50%, 10/15/45	1,250	1,446,300	
Series II (NPFGC), 5.00%, 10/15/29	3,500	3,595,795	
Michigan State Finance Authority, RB, Series F:			
5.00%, 4/01/31	1,000	1,089,400	
5.25%, 10/01/41	6,085	6,646,463	
Michigan Strategic Fund, Refunding RB, Cadillac Place Office Building Project,			
5.25%, 10/15/31	1,500	1,712,370	
State of Michigan, RB, GAB (AGM), 5.25%, 9/15/27	5,250	6,013,350	
State of Michigan Trunk Line Revenue, RB:	1.000	1.100.210	
5.00%, 11/15/29	1,000	1,188,310	
5.00%, 11/15/33	1.070	0.160.701	
5.00%, 11/15/36	1,850 3,500	2,169,791 4,075,330	

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
Michigan (concluded)	(000)	value	
State (concluded)			
State of Michigan, COP (AMBAC),			
2.19%, 6/01/22 (b)(c)	\$ 3,000	\$ 2,448,120	
2.17 h, 0/01/22 (0)(C)	\$ 5,000	ψ 2,446,120	
		48,260,391	
Transportation 11.6%		40,200,371	
Wayne County Airport Authority, RB, Detroit Metropolitan Wayne County Airport, AMT			
(NPFGC):			
5.25%, 12/01/25	7,525	7,943,917	
5.25%, 12/01/26	6,300	6,638,310	
5.00%, 12/01/34	4,435	4,593,329	
Wayne County Airport Authority, Refunding RB, AMT (AGC):			
5.75%, 12/01/25	4,000	4,527,720	
5.75%, 12/01/26	1,000	1,127,910	
5.38%, 12/01/32	8,700	9,469,776	
5.50%, 12.01/52	0,700	7,107,770	
		34,300,962	
Utilities 18.5%		5 1,500,702	
City of Detroit Michigan Water Supply System, RB:			
Second Lien, Series B (AGM), 7.00%, 7/01/36	3,000	3,635,130	
Second Lien, Series B (NPFGC), 5.00%, 7/01/13 (a)	1,550	1,580,830	
Senior Lien, Series A (NPFGC), 5.00%, 7/01/34	6,000	6,034,860	
Series B (NPFGC), 5.25%, 7/01/13 (a)	11,790	12,036,883	
City of Detroit Michigan Water Supply System, Refunding RB, Second Lien, Series C	,	,,	
(AGM),			
5.00%, 7/01/29	10,470	11,047,316	
City of Grand Rapids Michigan Sanitary Sewer System, RB:	10,170	11,017,510	
5.00%, 1/01/37	930	1,072,113	
4.00%, 1/01/42	1,700	1,754,808	
City of Port Huron Michigan, RB, Water Supply:	1,700	1,734,000	
5.25%, 10/01/31	310	345,334	
	1,000	1,121,860	
5.63%, 10/01/40	1,000	1,121,800	
Lansing Board of Water & Light Utilities System, RB, Series A:	1.070	2 210 672	
5.00%, 7/01/27	1,970	2,310,672	
5.00%, 7/01/31	4,230	4,919,955	
5.00%, 7/01/37	2,065	2,368,472	
5.50%, 7/01/41	3,000	3,554,130	
Michigan Municipal Bond Authority, RB:			
Clean Water Revolving-Pooled, 5.00%, 10/01/27	1,240	1,507,728	
State Clean Water, 5.00%, 10/01/27	1,250	1,419,488	
		54,709,579	
Total Municipal Bonds in Michigan		373,712,791	
Guam 2.5%			
State 1.8%			
Government of Guam Business Privilege Tax Revenue, RB, Series A, 5.13%, 1/01/42	2,300	2,559,854	
Territory of Guam, Limited Obligation Bonds, RB, Section 30, Series A, 5.63%, 12/01/29	1,400	1,566,712	
Territory of Guam, RB, Series B-1, 5.00%, 1/01/37	1,165	1,294,058	
		5,420,624	
	Par		
	40		
Municipal Bonds	(000)	Value	

C (
Guam (concluded)			
Utilities 0.7%			
Guam Power Authority, Refunding RB, Series A:	Φ 605	¢ (74.050	
5.00%, 10/01/34	\$ 605	\$ 674,859	
(AGM), 5.00%, 10/01/26	970	1,107,469	
(AGM), 5.00%, 10/01/27	235	267,928	
		2,050,256	
Total Municipal Bonds in Guam		7,470,880	
Puerto Rico 6.4%			
State 5.3%			
Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 5.50%, 8/01/42	500	533,140	
Puerto Rico Sales Tax Financing Corp., Refunding RB:			
CAB, Series A (NPFGC), 5.60%, 8/01/41 (b)	8,500	1,762,220	
CAB, Series A (NPFGC), 5.60%, 8/01/42 (b)	4,500	881,280	
CAB, Series A (NPFGC), 5.60%, 8/01/43 (b)	12,500	2,320,500	
CAB, Series A (NPFGC), 5.65%, 8/01/46 (b)	20,000	3,091,200	
CAB, Series C, 5.56%, 8/01/38 (b)	2,775	685,370	
First Sub-Series C (AGM), 5.13%, 8/01/42	5,100	5,414,313	
Series A-1, 5.25%, 8/01/43	1,070	1,133,922	
50105111, 5.2570, 6101745	1,070	1,133,722	
		12.021.012	
		15,821,945	
Transportation 1.1%			
Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC),			
5.50%, 7/01/31	2,750	3,077,002	
Total Municipal Bonds in Puerto Rico		18,898,947	
Total Municipal Bonds 135.1%		400,082,618	
Municipal Bonds Transferred to			
Tender Option Bond Trusts (d)			
Michigan 20.1%			
County/City/Special District/School District 4.3%			
• • •	6.470	7 447 002	
Lakewood Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/37	6,470	7,447,002	
Portage Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/31	4,650	5,158,385	
		12,605,387	
Education 7.4%			
Saginaw Valley State University, Refunding RB, General (AGM), 5.00%, 7/01/31	7,500	8,480,700	
Wayne State University, Refunding RB, General (AGM), 5.00%, 11/15/35	12,207	13,496,300	
		•	
		21 077 000	
Health 1.3%		21,977,000	
	2.250	2 721 522	
Michigan Finance Authority, Refunding RB, Trinity Health, 5.00%, 12/01/39	3,350	3,731,532	
Housing 2.5%			
Michigan HDA, RB, Rental Housing, Series A,	(000	7 524 171	
6.00%, 10/01/45	6,990	7,534,171	
Utilities 4.6%			
City of Grand Rapids Michigan, RB (NPFGC),	11.207	11.005.050	
City of Grand Rapids Michigan, RB (NPFGC), 5.00%, 1/01/34	11,387	11,985,372	

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds Transferred to			
Tender Option Bond Trusts (d)	(000)	Value	
Michigan (concluded)			
Utilities (concluded)			
Detroit Water and Sewerage Department, Refunding RB, Senior Lien, Series A,			
5.25%, 7/01/39	\$ 1,649	\$ 1,796,176	
		13,781,548	
Total Municipal Bonds Transferred to		, ,	
Tender Option Bond Trusts in Michigan		59,629,638	
-			
Puerto Rico 0.4%			
State 0.4%			
Puerto Rico Sales Tax Financing Corp., Refunding RB, Series C, 5.25%, 8/01/40	1,060	1,153,110	
Total Municipal Bonds Transferred to			
Tender Option Bond Trusts 20.5%		60,782,748	
Total Long-Term Investments			
(Cost \$424,157,894) 155.6%		460,865,366	
Short-Term Securities	Shares	Value	
BIF Michigan Municipal Money Fund, 0.00% (e)(f)	5,940,717	\$ 5,940,717	
Total Short-Term Securities			
(Cost \$5,940,717) 2.0%		5,940,717	
Total Investments (Cost \$430,098,611) 157.6%		466,806,083	
Other Assets Less Liabilities 1.2%		3,614,582	
Liability for TOB Trust Certificates, Including Interest			
Expense and Fees Payable (10.0)%		(29,579,795)	
VRDP Shares, at Liquidation Value (48.8)%		(144,600,000)	
Net Assets Applicable to Common Shares 100.0%		\$ 296,240,870	
Notes to Schedule of investments			

- (a) US government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (c) Security is collateralized by Municipal or US Treasury obligations.
- (d) 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.
- (e) 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:

Affiliate Shares Held Net Shares Held Income at July 31, Activity at January 31,

	2012		2013
BIF Michigan Municipal Money Fund	9,419,517	(3,478,800)	5,940,717

(f) 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 Funds 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.

See Notes to Financial Statements.

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Schedule of Investments (concluded)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

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		\$ 460,865,366		\$ 460,865,366
Short-Term Securities	\$ 5,940,717			5,940,717
Total	\$ 5,940,717	\$ 460,865,366		\$ 466,806,083

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		\$ (124,079)		\$ (124,079)
TOB trust certificates		(29,568,191)		(29,568,191)
VRDP Shares		(144,600,000)		(144,600,000)
Total		\$ (174,292,270)		\$ (174,292,270)

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

See Notes to Financial Statements.

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

Schedule of Investments January 31, 2013 (Unaudited)

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

(Percentages shown are based on Net Assets)

Municipal Panda	Par (000)	Value
Municipal Bonds New Jersey 119.2%	(000)	v arue
Corporate 5.4%		
New Jersey EDA, Refunding RB:		
New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39	\$ 5,000	\$ 5,602,050
New Jersey American Water Co., Inc. Project, Series B, AMT, 5.60%, 11/01/34	1,000	1,139,570
United Water of New Jersey Inc., Series B (AMBAC), 4.50%, 11/01/25	1,000	1,096,690
•		
		7,838,310
County/City/Special District/School District 14.5%		7,000,010
Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33	750	795,315
City of Atlantic City, GO, Tax Appeal (AGM),		,
4.00%, 11/01/27	2,500	2,669,100
City of Perth Amboy New Jersey, GO, Refunding, CAB (AGM), 5.00%, 7/01/35	1,250	1,343,025
County of Hudson New Jersey, COP, Refunding (NPFGC), 6.25%, 12/01/16	1,000	1,146,920
County of Union New Jersey, GO, Refunding:		
4.00%, 3/01/29	1,060	1,161,877
4.00%, 3/01/30	1,060	1,157,032
4.00%, 3/01/31	1,200	1,304,400
Edgewater Borough Board of Education, GO (AGM), Refunding:		
4.25%, 3/01/34	300	329,184
4.25%, 3/01/35	300	328,779
4.30%, 3/01/36	300	329,331
Essex County Improvement Authority, Refunding RB, AMT (NPFGC), 4.75%, 11/01/32	1,000	1,050,190
Hudson County Improvement Authority, RB:		
CAB, Series A-1 (NPFGC), 4.20%, 12/15/32 (a)	1,000	437,800
County Secured, County Services Building Project (AGM), 5.00%, 4/01/27	250	278,350
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	1,000	1,116,530
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	1,400	1,563,716
Monmouth County Improvement Authority, Refunding RB, Governmental Loan (AMBAC):		
5.20%, 12/01/14	5	5,014
5.25%, 12/01/15	5	5,014
5.00%, 12/01/17	5	5,011
5.00%, 12/01/18	5	5,010
5.00%, 12/01/19	5	5,009
New Jersey State Transit Corp., COP, Federal Transit Administration Grants, Subordinate,		
Series A (AGM),	1 000	1 101 640
5.00%, 9/15/21	1,000	1,101,640
Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC),	2.600	2 (10 92(
4.38%, 1/01/37 Union County Improvement Authority, RB, Family Court Building Project, 4.00%, 5/01/37	3,600	3,619,836
Union County Improvement Authority, RB, Family Court Building Project, 4.00%, 3/01/37	1,425	1,471,712
T1 4 42 69		21,229,795
Education 23.6%		
New Jersey Educational Facilities Authority, RB:		
Montclair State University, Series A (AMBAC),	1.600	1 007 200
5.00%, 7/01/21	1,600	1,807,280
Rowan University, Series C (NPFGC),	1 105	1,263,317
5.00%, 7/01/14 (b)	1,185	1,203,317
New Jersey Educational Facilities Authority, Refunding RB:		
College of New Jersey, Series D (AGM), 5.00%, 7/01/35	3,805	4,203,079
J.00 /0, 11011JJ	3,803 Par	4,203,079
Municipal Bonds	(000)	Value
New Jersey (continued)	(000)	r aiuc
Education (concluded)		
New Jersey Educational Facilities Authority, Refunding RB (concluded):		
Kean University, Series A, 5.25%, 9/01/29	\$ 1,500	\$ 1,734,150
1. C.	Ψ 1,500	Ψ 1,751,150

Montclair State University, Series J (NPFGC),	2.895	2.994.472	
4.25%, 7/01/30 New Jersey Institute of Technology, Series H,	2,895	2,994,472	
5.00%, 7/01/31	1,000	1,129,240	
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	3,890	4,030,585	
Rowan University, Series B (AGC), 5.00%, 7/01/26	2,575	2,860,567	
Stevens Institute of Technology, Series A,	,	7 7	
5.00%, 7/01/34	1,500	1,588,770	
William Paterson University, Series C (AGC),			
4.75%, 7/01/34	1,115	1,210,700	
New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series			
1A, AMT:			
4.50%, 12/01/28	1,170	1,230,735	
4.50%, 12/01/29	1,550	1,616,262	
4.63%, 12/01/30	1,475	1,548,042	
New Jersey Institute of Technology, RB, Series A,			
5.00%, 7/01/42	1,900	2,174,455	
University of Medicine & Dentistry of New Jersey, RB, Series A (AMBAC):	570	571.004	
5.50%, 12/01/18	570	571,984	
5.50%, 12/01/19	1,145	1,148,985	
5.50%, 12/01/20 5.50%, 12/01/21	1,130 865	1,133,831	
5.50%, 12/01/21	803	867,932	
·		· · · · · · · · · · · · · · · · · · ·	
		·	
		34,416,449	
Health 10.4%		34,416,449	
		34,416,449	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31	210	234,364	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42	140	234,364 154,239	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38	140 725	234,364 154,239 778,585	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38	140 725 990	234,364 154,239 778,585 1,063,171	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38	140 725 990 965	234,364 154,239 778,585 1,063,171 1,036,323	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38	140 725 990	234,364 154,239 778,585 1,063,171	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB:	140 725 990 965 1,000	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41	140 725 990 965 1,000	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24	140 725 990 965 1,000 1,100 130	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/24	140 725 990 965 1,000 1,100 130 1,820	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.63%, 7/01/37	140 725 990 965 1,000 1,100 130 1,820 1,200	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739 1,355,532	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/37 Barnabas Health, Series A, 5.63%, 7/01/37 Barnabas Health, Series A, 5.63%, 7/01/32	140 725 990 965 1,000 1,100 130 1,820	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/37 Barnabas Health, Series A, 5.63%, 7/01/32 Hackensack University Medical (AGM),	140 725 990 965 1,000 1,100 130 1,820 1,200 440	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739 1,355,532 498,722	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/37 Barnabas Health, Series A, 5.63%, 7/01/32 Hackensack University Medical (AGM), 4.63%, 1/01/30	140 725 990 965 1,000 1,100 130 1,820 1,200	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739 1,355,532	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/37 Barnabas Health Issue, Series A, 5.63%, 7/01/32 Hackensack University Medical (AGM), 4.63%, 1/01/30 Meridian Health System Obligation,	140 725 990 965 1,000 1,100 130 1,820 1,200 440	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739 1,355,532 498,722 2,500,270	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.63%, 7/01/37 Barnabas Health, Series A, 5.63%, 7/01/32 Hackensack University Medical (AGM), 4.63%, 1/01/30 Meridian Health System Obligation, 5.00%, 7/01/25	140 725 990 965 1,000 1,100 130 1,820 1,200 440	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739 1,355,532 498,722	
Health 10.4% New Jersey Health Care Facilities Financing Authority, RB: Kennedy Health System, 5.00%, 7/01/31 Kennedy Health System, 5.00%, 7/01/42 Meridian Health, Series I (AGC), 5.00%, 7/01/38 Meridian Health, Series II (AGC), 5.00%, 7/01/38 Meridian Health, Series V (AGC), 5.00%, 7/01/38 Virtua Health (AGC), 5.50%, 7/01/38 New Jersey Health Care Facilities Financing Authority, Refunding RB: AHS Hospital Corp., 6.00%, 7/01/41 Barnabas Health, Series A, 5.00%, 7/01/24 Barnabas Health Issue, Series A, 5.00%, 7/01/37 Barnabas Health Issue, Series A, 5.63%, 7/01/32 Hackensack University Medical (AGM), 4.63%, 1/01/30 Meridian Health System Obligation,	140 725 990 965 1,000 1,100 130 1,820 1,200 440	234,364 154,239 778,585 1,063,171 1,036,323 1,115,850 1,356,718 150,495 2,086,739 1,355,532 498,722 2,500,270	

15,115,593

See Notes to Financial Statements.

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Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
New Jersey (continued)		
Housing 7.2%		
New Jersey State Housing & Mortgage Finance Agency, RB:		
Capital Fund Program, Series A (AGM),		
4.70%, 11/01/25	\$ 3,350	\$ 3,490,700
M/F Housing, 4.55%, 11/01/43	1,425	1,481,231
M/F Housing, Series A, AMT (NPFGC),		
4.85%, 11/01/39	400	404,892
S/F Housing, Series T, AMT, 4.70%, 10/01/37	490	504,386
S/F Housing, Series AA, 6.50%, 10/01/38	630	660,895
New Jersey State Housing & Mortgage Finance Agency, RB:		
S/F Housing, Series B, 4.50%, 10/01/30	2,830	3,081,813
Series A, AMT (NPFGC), 4.90%, 11/01/35	820	826,470
		10,450,387
State 27.1%		,,
Garden State Preservation Trust, RB (AGM):		
CAB, Series B, 2.62%, 11/01/23 (a)	6,725	5,080,872
Election of 2005, Series A, 5.80%, 11/01/15 (b)	2,605	2,981,292
New Jersey EDA, RB:	_,,,,,	_,, , _, _
CAB, Motor Vehicle Surcharge, Series R (NPFGC), 3.17%, 7/01/21 (a)	2,325	1,784,251
Cigarette Tax (Radian), 5.50%, 6/15/14 (b)	225	241,112
Cigarette Tax (Radian), 5.75%, 6/15/14 (b)	785	843,899
Motor Vehicle Surcharge, Series A (NPFGC),	, 65	0.0,000
5.25%, 7/01/25	1,000	1,235,880
Motor Vehicle Surcharge, Series A (NPFGC),	1,000	1,255,000
5.00%, 7/01/29	3,500	3,683,960
Motor Vehicle Surcharge, Series A (NPFGC),	3,300	3,003,200
5.25%, 7/01/33	8,500	8,980,165
School Facilities Construction, Series KK,	0,500	0,500,105
5.00%, 3/01/29	685	801,464
School Facilities Construction, Series KK,	005	001,404
5.00%, 3/01/38	1,430	1,628,298
School Facilities Construction, Series Z (AGC),	1,430	1,020,270
6.00%, 12/15/34	1,200	1,431,204
School Facilities Construction, Series U,	1,200	1,431,204
5.00%, 9/01/37	3,000	3,235,620
School Facilities Construction, Series U (AMBAC), 5.00%, 9/01/37	1,000	1,078,540
New Jersey EDA, Refunding RB:	1,000	1,070,070
5.00%, 6/15/26	355	404,679
5.00%, 6/15/28	910	1,027,545
5.00%, 6/15/29	1,195	1,334,086
J. OU /U, OI 1 JI 4 J	1,173	1,334,000