

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

Form N-CSR

October 02, 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 811-07080

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

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

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

Date of fiscal year end: 07/31/2013

Date of reporting period: 07/31/2013

Table of Contents

Item 1 Report to Stockholders

Table of Contents

JULY 31, 2013

ANNUAL REPORT

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

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

BlackRock MuniYield Investment Quality Fund (MFT)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

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

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Not FDIC Insured May Lose Value No Bank Guarantee

Table of Contents

Table of Contents

	Page
<u>Dear Shareholder</u>	3
Annual Report:	
<u>Municipal Market Overview</u>	4
<u>The Benefits and Risks of Leveraging</u>	5
<u>Derivative Financial Instruments</u>	5
<u>Fund Summaries</u>	6
Financial Statements:	
<u>Schedules of Investments</u>	18
<u>Statements of Assets and Liabilities</u>	44
<u>Statements of Operations</u>	45
<u>Statements of Changes in Net Assets</u>	46
<u>Statements of Cash Flows</u>	49
<u>Financial Highlights</u>	50
<u>Notes to Financial Statements</u>	56
<u>Report of Independent Registered Public Accounting Firm</u>	66
<u>Disclosure of Investment Advisory Agreements and Sub-Advisory Agreements</u>	67
<u>Automatic Dividend Reinvestment Plan</u>	71
<u>Officers and Directors</u>	72
<u>Additional Information</u>	76

Table of Contents

Dear Shareholder

One year ago, risk assets (such as equities) were on the rise as weakening global economic data spurred increasing optimism that the world's largest central banks would intervene to stimulate growth. This much-anticipated monetary policy easing ultimately came in September when the European Central Bank (ECB) and the US Federal Reserve announced their plans for increasing global liquidity. Although financial markets worldwide were buoyed by these aggressive policy actions, risk assets weakened later in the fall of 2012. Global trade slowed as many European countries fell into recession and growth continued to decelerate in China. In the United States, investors became increasingly concerned about the fiscal cliff of tax increases and spending cuts that had been scheduled to take effect at the beginning of 2013. High levels of global market volatility persisted through year-end due to fears that bipartisan gridlock would preclude a timely resolution, putting the US economy at high risk for recession. As 2013 began, the worst of the fiscal cliff was averted with a last-minute tax deal.

Investors shook off the nerve-racking finale to 2012 and the New Year started with a powerful relief rally. Money that had been pulled to the sidelines amid year-end tax-rate uncertainty poured back into the markets in January. Key indicators signaling modest but broad-based improvements in the world's major economies helped propel the rally. Underlying this aura of comfort was the absence of negative headlines from Europe. Global equities surged, while rising US Treasury yields pressured high quality fixed income assets. (Bond prices move in the opposite direction of yields.)

However, February brought a slowdown in global economic momentum and the pace of the rally moderated. In the months that followed, US equities outperformed international markets, as the US economic recovery showed greater stability compared to most other regions. Slow, but positive, growth in the United States was sufficient to support corporate earnings, while uncomfortably high unemployment reinforced investors' expectations that the US Federal Reserve would keep interest rates low. International markets experienced higher levels of volatility as political instability in Italy and a severe banking crisis in Cyprus reminded investors that the eurozone was still vulnerable to a number of macro risks, while a poor outlook for European economies also dampened sentiment. Emerging markets significantly lagged the rest of the world as growth in these economies (particularly China and Brazil) fell short of expectations.

After peaking in late May, financial markets broadly sold off due to concerns about the US Federal Reserve reducing monetary stimulus. Volatility picked up considerably as investors abruptly retreated from risk assets and a sharp and dramatic rise in US Treasury yields resulted in tumbling prices for higher-quality fixed income investments. The downswing bottomed out in late June as a more dovish tone from the US central bank served to quell the volatility in interest rates, while improving economic data and a positive outlook for corporate earnings helped the markets regain strength in July, with major US equity indices regularly hitting new record highs.

Despite the swings in the markets in the second quarter, most risk asset classes generated positive returns for the 6- and 12-month periods ended July 31, 2013. US equities were particularly strong. International equities also performed well, although political and economic uncertainty in Europe resulted in less impressive gains for the last six months. Emerging markets suffered the impact of slowing growth and concerns about a shrinking global money supply. Extreme levels of interest rate volatility in the final months of the period resulted in poor performance for fixed income markets, especially US Treasury bonds and other higher quality sectors such as tax-exempt municipals and investment grade corporate bonds. The high yield sector performed relatively better as demand continued to be supported by investors' ongoing search for income in the low-rate environment. Short-term interest rates remained near zero, keeping yields on money market securities near historical lows.

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

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Despite the swings in the markets in the second quarter, most risk asset classes generated positive returns for the 6- and 12-month periods ended July 31, 2013.

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of July 31, 2013

	6-month	12-month
US large cap equities (S&P 500® Index)	13.73%	25.00%
US small cap equities (Russell 2000® Index)	16.66	34.76
International equities (MSCI Europe, Australasia, Far East Index)	4.11	23.48
Emerging market equities (MSCI Emerging Markets Index)	(9.87)	1.95
3-month Treasury bill (BofA Merrill Lynch 3-Month US Treasury Bill Index)	0.05	0.11
US Treasury securities (BofA Merrill Lynch 10-Year US Treasury Index)	(3.71)	(6.50)
US investment grade bonds (Barclays US Aggregate Bond Index)	(1.62)	(1.91)
Tax-exempt municipal bonds (S&P Municipal Bond Index)	(4.11)	(1.99)
US high yield bonds (Barclays US Corporate High Yield 2% Issuer Capped Index)	1.97	9.49

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

THIS PAGE NOT PART OF YOUR FUND REPORT

3

Table of Contents

Municipal Market Overview

For the Reporting Period Ended July 31, 2013

Municipal Market Conditions

During the majority of the period, municipal bond supply was met with strong demand as investors were starved for yield in the low-rate, low-return environment. Investors poured into municipal bond mutual funds, favoring long-duration and high-yield funds as they tend to provide higher levels of income.

However, municipal bond funds saw robust outflows in the last three months of the period, leaving net flows essentially flat for the 12-month period as a whole (based on data from the Investment Company Institute). Market conditions turned less favorable in May when signals from the US Federal Reserve suggesting a retrenchment of its bond-buying stimulus program led to rising interest rates and waning demand. (Bond prices fall as rates rise.) High levels of interest rate volatility resulted in a sharp curtailment of tax-exempt issuance in May, June and July. However, from a historical perspective, total new issuance for the 12 months ended July 31, 2013 remained relatively strong at \$358 billion (down modestly from the \$369 billion issued in the prior 12-month period). A significant portion of new supply during this period (roughly 60%) was attributable to refinancing activity as issuers took advantage of lower interest rates to reduce their borrowing costs. Total new supply was also supported by recent activity in the taxable market, where taxable-municipal issuance was up 58% year-over-year.

S&P Municipal Bond Index	
Total Returns as of July 31, 2013	
6 months:	(4.11)%
12 months:	(1.99)%

A Closer Look at Yields

From July 31, 2012 to July 31, 2013, municipal yields increased by 136 basis points (bps) from 2.84% to 4.20% on AAA-rated 30-year municipal bonds, while increasing 101 bps from 1.66% to 2.67% on 10-year bonds and rising another 62 bps from 0.65% to 1.27% on 5-year issues (as measured by Thomson Municipal Market Data). Overall, the municipal yield curve remained relatively steep over the 12-month period as the spread between 2- and 30-year maturities widened by 122 bps and the spread between 2- and 10-year maturities widened by 87 bps.

During the same time period, US Treasury rates rose by 109 bps on 30-year and 111 bps on 10-year bonds, while moving up 80 bps in 5-years. Accordingly, tax-exempt municipal bonds moderately outperformed Treasuries in the short and intermediate portion of the yield curve. This outperformance was driven largely by a supply/demand imbalance within the municipal market while evidence of a recovering domestic economy coupled with the removal of certain political and tax policy uncertainties pushed interest rates higher. Additionally, as higher US tax rates began to appear imminent late in 2012, municipal bonds benefited from the increased appeal of tax-exempt investing. The municipal market continues to be an attractive avenue for investors seeking yield in today's environment of low absolute rates as the asset class is known for its lower volatility and preservation of principal with an emphasis on income as tax rates rise.

Financial Conditions of Municipal Issuers Continue to Improve

Following an extended period of nation-wide austerity and de-leveraging as states sought to balance their budgets, 13 consecutive quarters of positive revenue growth coupled with the elimination of more than 750,000 jobs in recent years have put state and local governments in a better financial position. Many local municipalities, however, continue to face increased health care and pension costs passed down from the state level. BlackRock maintains the view that municipal bond defaults will be minimal and remain in the periphery, and that the overall market is fundamentally sound. We continue to recognize that careful credit research, appropriate structure and security selection remain imperative amid uncertainty in this fragile 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.

Table of Contents

The Benefits and Risks of Leveraging

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

To obtain leverage, the Funds issue Variable Rate Demand Preferred Shares (VRDP Shares) or Variable Rate Muni Term Preferred Shares (VMTP Shares) (VRDP Shares and VMTP Shares are collectively referred to as Preferred Shares). Preferred Shares pay dividends at prevailing short-term interest rates, and the Funds invest the proceeds in long-term municipal bonds. In general, the concept of leveraging is based on the premise that the financing cost of assets to be obtained from leverage, which will be based on short-term interest rates, will normally be lower than the income earned by each Fund on its longer-term portfolio investments. To the extent that the total assets of each Fund (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, each Fund's shareholders will benefit from the incremental net income.

The interest earned on securities purchased with the proceeds from leverage is paid to shareholders in the form of dividends, and the value of these portfolio holdings is reflected in the per share NAV. However, in order to benefit shareholders, the yield curve must be positively sloped; that is, short-term interest rates must be lower than long-term interest rates. If the yield curve becomes negatively sloped, meaning short-term interest rates exceed long-term interest rates, income to shareholders will be lower than if the Funds had not used leverage.

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

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

Furthermore, the value of the Funds' portfolio investments generally varies inversely with the direction of long-term interest rates, although other factors can influence the value of portfolio investments. In contrast, the redemption value of the Funds' Preferred Shares does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Funds' NAVs positively or negatively in addition to the impact on Fund performance from leverage from Preferred Shares discussed above.

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

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

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

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 July 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	42%
MUJ	41%
MFT	42%
MIY	41%
MJI	40%
MPA	42%

Derivative Financial Instruments

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

Table of Contents**Fund Summary** as of July 31, 2013**BlackRock MuniHoldings California Quality Fund, Inc.****Fund Overview**

BlackRock MuniHoldings California Quality Fund, Inc. (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 12-month period ended July 31, 2013, the Fund returned (13.71)% based on market price and (6.16)% based on NAV. For the same period, the closed-end Lipper California Municipal Debt Funds category posted an average return of (12.17)% based on market price and (4.63)% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund posted a negative return as bond prices broadly declined in the rising interest rate environment. The Fund's exposure to bonds with longer maturities, which tend to have higher durations (greater sensitivity to interest rate movements), particularly hurt performance during the period. Additionally, leverage on the Fund's assets achieved through the use of tender option bonds amplified the negative effect of rising rates on the Fund's holdings. As rates rose rather significantly in the latter part of the period, pushing bond prices down indiscriminately, California school districts and the utilities sector were especially exposed to price depreciation. To a degree, this represented an unwinding of the positive performance in these segments when rates fell in prior periods.

While the Fund's cash reserves were generally maintained at a minimal level, to the extent reserves were held, these holdings were low-yielding products that provided liquidity to the Fund although they offered no return potential. The Fund's use of derivatives to hedge against interest rate risk helped performance. Specifically, short positions in US Treasury financial futures enhanced results as rates increased 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 July 31, 2013 (\$13.31) ¹	6.45%
Tax Equivalent Yield ²	13.14%
Current Monthly Distribution per Common Share ³	\$0.0715
Current Annualized Distribution per Common Share ³	\$0.8580
Economic Leverage as of July 31, 2013 ⁴	42%

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

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 50.93%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

6

ANNUAL REPORT

JULY 31, 2013

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

	7/31/13	7/31/12	Change	High	Low
Market Price	\$ 13.31	\$ 16.36	(18.64)%	\$ 18.35	\$ 13.10
Net Asset Value	\$ 14.52	\$ 16.41	(11.52)%	\$ 16.97	\$ 14.34

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

	7/31/13	7/31/12
County/City/Special District/School District	36%	34%
Utilities	24	26
Education	13	13
Transportation	11	11
Health	10	9
State	6	7

Credit Quality Allocation¹

	7/31/13	7/31/12
AAA/Aaa	12%	8%
AA/Aa	75	75
A	13	16
Not Rated		1 ²

¹ Using the higher of Standard & Poor's (S&P's) or Moody's Investors Service (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 \$14,904,825, representing 1% of the Fund's long-term investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2013	1%
2014	2
2015	9
2016	12
2017	12

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

Table of Contents**Fund Summary** as of July 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 12-month period ended July 31, 2013, the Fund returned (12.33)% based on market price and (7.19)% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of (16.01)% based on market price and (5.78)% based on NAV. All returns reflect reinvestment of dividends. The Fund s discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund s duration exposure (sensitivity to interest rate movements) detracted from performance as tax-exempt municipal rates increased significantly during the period. (Bond prices fall when yields rise.) Exposure to the long end of the yield curve hurt returns as rates increased more in the long end than in the short end of the curve. The Fund s credit exposure had a net negative impact on results as spreads generally widened during the period. Specifically, spreads widened on the Fund s holdings of Puerto Rico Sales Tax Revenue Bonds. (Interest rates on lower quality bonds increased more than on higher quality municipal bonds.) Leverage on the Fund s assets achieved through the use of tender option bonds amplified the negative effect of rising rates on the Fund s holdings.

Contributing positively to performance was the Fund s income generated from coupon payments on its fully invested portfolio of tax-exempt municipal bonds. The Fund s short position in US Treasury futures as a strategy for hedging interest rate risk enhanced results. 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 July 31, 2013 (\$13.30) ¹	6.68%
Tax Equivalent Yield ²	12.97%
Current Monthly Distribution per Common Share ³	\$0.074
Current Annualized Distribution per Common Share ³	\$0.888
Economic Leverage as of July 31, 2013 ⁴	41%

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

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 48.48%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

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

	7/31/13	7/31/12	Change	High	Low
Market Price	\$ 13.30	\$ 16.05	(17.13)%	\$ 17.35	\$ 13.20
Net Asset Value	\$ 14.51	\$ 16.54	(12.27)%	\$ 17.08	\$ 14.37

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

Sector Allocation	7/31/13	7/31/12
State	27%	28%
Transportation	21	21
Education	15	15
County/City/Special District/School District	13	11
Health	11	10
Housing	7	5
Utilities	5	7
Corporate	1	2
Tobacco		1
Credit Quality Allocation¹	7/31/13	7/31/12
AAA/Aaa	9%	10%
AA/Aa	46	49
A	38	29
BBB/Baa	7	11
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 \$4,204,720, representing 1% of the Fund's long-term investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2013	2%
2014	5
2015	9
2016	4

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

ANNUAL REPORT

JULY 31, 2013

9

Table of Contents**Fund Summary** as of July 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 12-month period ended July 31, 2013, the Fund returned (16.52)% based on market price and (8.41)% based on NAV. For the same period, the closed-end Lipper General & Insured Municipal Debt Funds (Leveraged) category posted an average return of (14.54)% based on market price and (5.78)% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund's longer duration holdings (those with greater sensitivity to interest rate movements) hindered results as the yield curve began to steepen in 2013 (rates on longer-dated bonds rose more than rates on shorter-dated securities). This especially impacted the Fund's holdings in the water and sewer, utilities, transportation and education sectors. Leverage on the Fund's assets achieved through the use of tender option bonds amplified the negative effect of rising rates on the Fund's holdings. The Fund's holdings of Puerto Rico Sales Tax Revenue 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 Puerto Rico securities.

Contributing positively to the Fund's performance was its use of derivatives to hedge against interest rate risk. Specifically, short positions in US Treasury financial futures enhanced results as interest rates increased during the period. Additionally, the Fund's holdings in pre-refunded bonds with terms of up to five years added to returns as investors seeking protection amid interest rate volatility moved down the yield curve. 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 July 31, 2013 (\$12.20) ¹	6.98%
Tax Equivalent Yield ²	12.33%
Current Monthly Distribution per Common Share ³	\$0.071
Current Annualized Distribution per Common Share ³	\$0.852
Economic Leverage as of July 31, 2013 ⁴	42%

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

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

- ² Tax equivalent yield assumes the maximum marginal federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

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

	7/31/13	7/31/12	Change	High	Low
Market Price	\$ 12.20	\$ 15.47	(21.14)%	\$ 16.89	\$ 12.03
Net Asset Value	\$ 13.61	\$ 15.73	(13.48)%	\$ 16.59	\$ 13.44

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

Sector Allocation	7/31/13	7/31/12
Transportation	27%	18%
Utilities	23	24
County/City/Special District/School District	20	21
Health	11	12
State	10	15
Education	6	8
Tobacco	2	1
Housing	1	1
Credit Quality Allocation¹	7/31/13	7/31/12
AAA/Aaa	9%	15%
AA/Aa	64	66
A	27	17
BBB/Baa	2	1
Not Rated	2	1 ³

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

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

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 \$2,511,082, representing 1% of the Fund's long-term investments.

Call/Maturity Schedule⁴

Calendar Year Ended December 31,
2013

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

2014	1%
2015	1
2016	2
2017	2

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

ANNUAL REPORT

JULY 31, 2013

11

Table of Contents**Fund Summary** as of July 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 12-month period ended July 31, 2013, the Fund returned (16.86)% based on market price and (7.09)% based on NAV. For the same period, the closed-end Lipper Michigan Municipal Debt Funds category posted an average return of (15.45)% based on market price and (7.40)% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund's duration exposure (sensitivity to interest rate movements) detracted from performance as tax-exempt municipal rates increased significantly during the period. (Bond prices fall when yields rise.) Exposure to the long end of the yield curve hurt returns as rates increased more in the long end than in the short end of the curve. The Fund's credit exposure had a net negative impact on results as spreads generally widened during the period. Specifically, spreads widened on the Fund's holdings of Puerto Rico Sales Tax Revenue Bonds. (Interest rates on lower quality bonds increased more than on higher quality municipal bonds.) Additionally, the Fund's fundamental exposure to Michigan-based municipal issuers detracted from performance as the city of Detroit's bankruptcy filing toward the end of the reporting period led to a widening of credit spreads on most Michigan municipal bonds. Leverage on the Fund's assets achieved through the use of tender option bonds amplified the negative effect of rising rates on the Fund's holdings.

Contributing positively to performance was the Fund's income generated from coupon payments on its fully invested portfolio of tax-exempt municipal bonds. The Fund's short position in US Treasury futures as a strategy for hedging interest rate risk enhanced results.

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 July 31, 2013 (\$12.57) ¹	7.30%
Tax Equivalent Yield ²	13.47%
Current Monthly Distribution per Common Share ³	\$0.0765
Current Annualized Distribution per Common Share ³	\$0.9180
Economic Leverage as of July 31, 2013 ⁴	41%

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

- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 45.81%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

Table of Contents

BlackRock MuniYield Michigan Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

	7/31/13	7/31/12	Change	High	Low
Market Price	\$12.57	\$16.05	(21.68)%	\$17.02	\$12.32
Net Asset Value	\$14.16	\$16.18	(12.48)%	\$16.69	\$14.02

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

Overview of the Fund's Long-Term Investments

Sector Allocation	7/31/13	7/31/12
County/City/Special District/School District	25%	26%
Education	17	11
Health	14	17
State	13	15
Utilities	12	14
Transportation	10	8
Housing	6	5
Corporate	3	4

Credit Quality Allocation¹	7/31/13	7/31/12
AAA/Aaa	1%	2%
AA/Aa	70	69
A	29	25
BBB/Baa		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 Schedule³

Calendar Year Ended December 31,	
2013	3%
2014	9
2015	7
2016	6
2017	7

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

Table of Contents**Fund Summary** as of July 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 12-month period ended July 31, 2013, the Fund returned (13.81)% based on market price and (7.41)% based on NAV. For the same period, the closed-end Lipper New Jersey Municipal Debt Funds category posted an average return of (16.01)% based on market price and (5.78)% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund's duration exposure (sensitivity to interest rate movements) detracted from performance as tax-exempt municipal rates increased significantly during the period. (Bond prices fall when yields rise.) Exposure to the long end of the yield curve hurt returns as rates increased more in the long end than in the short end of the curve. The Fund's credit exposure had a net negative impact on results as spreads generally widened during the period. Specifically, spreads widened on the Fund's holdings of Puerto Rico Sales Tax Revenue Bonds. (Interest rates on lower quality bonds increased more than on higher quality municipal bonds.) Leverage on the Fund's assets achieved through the use of tender option bonds amplified the negative effect of rising rates on the Fund's holdings.

Contributing positively to performance was the Fund's income generated from coupon payments on its fully invested portfolio of tax-exempt municipal bonds. The Fund's short position in US Treasury futures as a strategy for hedging interest rate risk enhanced results. 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 July 31, 2013 (\$13.27) ¹	6.69%
Tax Equivalent Yield ²	12.99%
Current Monthly Distribution per Common Share ³	\$0.074
Current Annualized Distribution per Common Share ³	\$0.888
Economic Leverage as of July 31, 2013 ⁴	40%

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

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 48.48%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

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

	7/31/13	7/31/12	Change	High	Low
Market Price	\$13.27	\$16.31	(18.64)%	\$17.40	\$13.14
Net Asset Value	\$14.29	\$16.35	(12.60)%	\$16.92	\$14.13

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

Sector Allocation	7/31/13	7/31/12
State	24%	24%
Transportation	20	20
Education	17	19
County/City/Special District/School District	11	9
Health	10	9
Utilities	8	9
Housing	7	6
Corporate	3	3
Tobacco		1
Credit Quality Allocation¹	7/31/13	7/31/12
AAA/Aaa	6%	6%
AA/Aa	45	47
A	42	33
BBB/Baa	7	13
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 \$577,452, representing less than 1% of the Fund's long-term investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2013	2%
2014	8
2015	4
2016	3
2017	11

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

Table of Contents**Fund Summary** as of July 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 12-month period ended July 31, 2013, the Fund returned (13.42)% based on market price and (6.78)% based on NAV. For the same period, the closed-end Lipper Pennsylvania Municipal Debt Funds category posted an average return of (15.11)% based on market price and (6.34)% based on NAV. All returns reflect reinvestment of dividends. The Fund's discount to NAV, which widened during the period, accounts for the difference between performance based on price and performance based on NAV. The following discussion relates to performance based on NAV.

The Fund's duration exposure (sensitivity to interest rate movements) detracted from performance as tax-exempt municipal rates increased significantly during the period. (Bond prices fall when yields rise.) Exposure to the long end of the yield curve hurt returns as rates increased more in the long end than in the short end of the curve. The Fund's credit exposure had a negative impact on results as spreads widened during the period, especially in Puerto Rico sales tax bonds (interest rates on lower quality bonds increased more than on higher quality municipal bonds). Leverage on the Fund's assets achieved through the use of tender option bonds amplified the negative effect of rising rates on the Fund's holdings.

Contributing positively to performance was the Fund's income generated from coupon payments on its fully invested portfolio of tax-exempt municipal bonds. Exposure to pre-refunded bonds with terms of less than five years also helped returns as investors fled longer-term investments in favor of shorter-duration instruments.

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 July 31, 2013 (\$13.07) ¹	6.79%
Tax Equivalent Yield ²	12.38%
Current Monthly Distribution per Common Share ³	\$0.074
Current Annualized Distribution per Common Share ³	\$0.888
Economic Leverage as of July 31, 2013 ⁴	42%

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

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

- ² Tax equivalent yield assumes the maximum marginal federal and state tax rate of 45.14%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and TOBs as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOBs, minus the sum of accrued liabilities. For a discussion of leveraging techniques utilized by the Fund, please see The Benefits and Risks of Leveraging on page 5.

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

	7/31/13	7/31/12	Change	High	Low
Market Price	\$ 13.07	\$ 15.98	(18.21)%	\$ 17.09	\$ 12.92
Net Asset Value	\$ 14.59	\$ 16.57	(11.95)%	\$ 17.16	\$ 14.43

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

Sector Allocation	7/31/13	7/31/12
County/City/Special District/School District	22%	21%
State	17	20
Health	16	15
Transportation	13	13
Education	11	12
Corporate	7	5
Housing	7	5
Utilities	7	9
Credit Quality Allocation¹	7/31/13	7/31/12
AAA/Aaa	1%	1%
AA/Aa	73	77
A	22	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 July 31, 2013 and July 31, 2012, the market value of these securities was \$525,235 and \$544,175, each representing less than 1%, respectively, of the Fund's long-term investments.

Call/Maturity Schedule³

Calendar Year Ended December 31,

2013	5%
2014	5
2015	10
2016	10
2017	7

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

ANNUAL REPORT

JULY 31, 2013

17

Table of Contents

Schedule of Investments July 31, 2013

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
California 111.0%		
Corporate 0.5%		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 2/15/34	\$ 2,435	\$ 2,703,191
County/City/Special District/School District 33.7%		
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 8/01/41	9,000	9,519,570
Chabot-Las Positas Community College District, GO, CAB, Series C (AMBAC) (a):		
5.97%, 8/01/36	14,700	3,799,362
5.99%, 8/01/37	11,980	2,905,869
Chaffey Joint Union High School District, GO, Election of 2012, Series A, 5.00%, 8/01/37	6,420	6,697,216
City of Garden Grove California, COP, Series A, Financing Project (AMBAC), 5.50%, 3/01/26	4,040	4,074,784
Coast Community College District, GO, Refunding, Election of 2012, Series A, 5.00%, 8/01/38	9,545	9,949,326
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 8/01/35	3,500	3,939,285
Culver City Redevelopment Finance Authority California, Tax Allocation Bonds, Refunding, Series A (AGM), 5.60%, 11/01/25	3,750	3,760,012
El Camino Community College District, GO, Election of 2002, Series C, 5.00%, 8/01/37	5,375	5,604,405
Foothill-De Anza Community College District, GO, Election of 2006, Series C, 5.00%, 8/01/40	27,840	28,596,970
Grossmont Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/40	2,000	2,249,780
Los Angeles Community College District California, GO, Election of 2003, Series F-1, 5.00%, 8/01/33	2,500	2,593,250
Los Angeles Community Redevelopment Agency California, RB, Bunker Hill Project, Series A (AGM), 5.00%, 12/01/27	7,000	7,266,770
Mount Diablo Unified School District, GO, Refunding, Election of 2002, Series C, 5.00%, 8/01/29	5,000	5,253,000
Orange County Sanitation District, COP, Series A, 5.00%, 2/01/35	2,500	2,632,100
Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 8/01/35	10,000	10,219,100
Pajaro Valley Unified School District, GO, Refunding, Election of 2012, Series A, 5.00%, 8/01/38	5,740	5,857,785
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33	5,000	5,306,150
	Par	
	(000)	Value
Municipal Bonds		
California (continued)		
County/City/Special District/School District (concluded)		
Saddleback Valley Unified School District, GO, Refunding, 5.00%, 8/01/29	\$ 3,000	\$ 3,151,800
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A, 5.50%, 2/01/29	900	989,073
San Francisco Bay Area Rapid Transit District, Refunding RB, Series A, 5.00%, 7/01/36	1,200	1,259,808
San Jose Financing Authority, LRB Series A:		
Convention Center Expansion and Renovation Project, 5.75%, 5/01/36	2,560	2,749,517
Convention Center Expansion and Renovation Project, 5.75%, 5/01/42	4,500	4,773,600
Refunding Civic Center Project, 5.00%, 6/01/39	20,990	21,037,018
Santa Maria Joint Union High School District, GO, Election of 2004, 5.00%, 8/01/33	3,710	3,867,156
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 9/01/38	5,635	6,243,693
South Bay Union School District, GO, Refunding, Election of 2012, Series A, 5.00%, 8/01/37	1,000	1,007,050
Southwestern Community College District, GO, Election of 2008, Series C, 5.25%, 8/01/36	2,590	2,713,983
Ventura County Community College District, GO, Election of 2002, Series C, 5.50%, 8/01/33	5,000	5,547,200
Ventura County Public Financing Authority, Refunding LRB, Series A, 5.00%, 11/01/43	6,785	6,763,491
West Contra Costa Unified School District California, GO, Series A (AGM):		
Election of 2005, 5.00%, 8/01/35	10,000	10,215,100
Election of 2010, 5.25%, 8/01/41	5,390	5,520,761
Westminster Redevelopment Agency California, Tax Allocation Bonds, Subordinate, Commercial Redevelopment Project No. 1 (AGC), 6.25%, 11/01/39	4,300	4,716,670

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

		200,780,654
Education 9.6%		
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,500	2,725,475
Gavilan Joint Community College District, GO, Election of 2004, Series D: 5.50%, 8/01/31	2,170	2,381,640
5.75%, 8/01/35	8,400	9,343,236
Riverside Community College District, GO, Election of 2004, Series C (AGM), 5.00%, 8/01/32	8,750	9,133,600
San Diego Community College District, GO, Election of 2006 (AGM), 5.00%, 8/01/30	8,000	8,643,840

Portfolio Abbreviations

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

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

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
California (continued)		
Education (concluded)		
San Jose Evergreen Community College District, GO, Election of 2010, Series A, 5.00%, 8/01/41	\$ 5,975	\$ 6,176,238
University of California, RB, Series L, 5.00%, 5/15/36	3,030	3,147,443
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37	15,000	15,505,500
		57,056,972
Health 16.3%		
ABAG Finance Authority for Nonprofit Corps, Refunding RB, Sharp Healthcare: 6.25%, 8/01/39	5,000	5,516,400
Series A, 6.00%, 8/01/30	2,270	2,512,708
California Health Facilities Financing Authority, RB:		
Children's Hospital, Series A, 5.25%, 11/01/41	8,520	8,564,560
Kaiser Permanente, Series A, 5.25%, 4/01/39	7,210	7,243,238
Providence Health Services, Series B, 5.50%, 10/01/39	4,080	4,388,122
Sutter Health, Series A, 5.25%, 11/15/46	10,000	9,930,100
Sutter Health, Series B, 6.00%, 8/15/42	9,655	10,836,965
California Health Facilities Financing Authority, Refunding RB:		
Catholic Healthcare West, Series A, 6.00%, 7/01/34	3,700	4,191,434
Saint Joseph's Health System, Series A, 5.00%, 7/01/37	10,000	9,971,900
Stanford Hospital, Series A-3, 5.50%, 11/15/40	2,915	3,075,383
California Statewide Communities Development Authority, RB, Kaiser Permanente: Series A, 5.00%, 4/01/42	16,000	15,806,720
Series B, 5.25%, 3/01/45	12,505	12,507,376
California Statewide Communities Development Authority, Refunding RB, Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41	2,730	2,697,185
		97,242,091
State 10.3%		
California State Public Works Board, RB:		
California State Prisons, Series C, 5.75%, 10/01/31	1,205	1,289,904
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	3,670	4,247,621
State of California, GO, Various Purpose: 6.00%, 3/01/33	6,005	6,850,384
5.00%, 9/01/36	4,075	4,170,437
6.00%, 4/01/38	28,265	31,620,621
University of California, RB, Limited Project, Series D (NPFGC), 5.00%, 5/15/41	13,000	13,025,740
		61,204,707
Transportation 15.9%		
Bay Area Toll Authority, RB, San Francisco Bay Area, 0.95%, 4/01/45 (b)	4,400	4,363,524
City of Los Angeles Department of Airports, Refunding RB, Series A, 5.25%, 5/15/39	2,335	2,467,885
City of Los Angeles Department of Airports, ARB, Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29	2,590	2,731,803
City of San Jose California, Refunding ARB, Series A-1, AMT: 5.25%, 3/01/23	2,985	3,282,634
6.25%, 3/01/34	1,400	1,532,356
Municipal Bonds		
California (concluded)		
Transportation (concluded)		
County of Orange California, ARB, Series B, 5.75%, 7/01/34	\$ 6,345	\$ 6,967,889
County of Sacramento California, ARB: Senior Series A (AGC), 5.50%, 7/01/41	8,190	8,906,543
Senior Series B, 5.75%, 7/01/39	2,650	2,937,949

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Senior Series B, AMT (AGM), 5.75%, 7/01/28	13,275	14,741,887
Senior Series B, AMT (AGM), 5.25%, 7/01/33	19,530	20,090,706
Los Angeles Harbor Department, RB, Series B, 5.25%, 8/01/34	5,530	5,964,050
San Francisco City & County Airports Commission, RB, Series E, 6.00%, 5/01/39	9,650	10,978,708
San Francisco City & County Airports Commission, Refunding RB, AMT:		
Second Series 34E (AGM), 5.75%, 5/01/24	5,000	5,620,050
Second Series A, 5.00%, 5/01/32	1,415	1,423,858
San Joaquin County Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 3/01/36	2,440	2,727,652
		94,737,494
Utilities 24.7%		
Anaheim Public Financing Authority, RB, Anaheim Electric System Distribution Facilities, Series A, 5.38%, 10/01/36	2,200	2,372,348
City of Los Angeles California Wastewater System, Refunding RB, Sub-Series A:		
5.00%, 6/01/28	2,000	2,138,620
5.00%, 6/01/32	6,000	6,238,200
City of Manteca California, Refunding RB, Water, 5.00%, 7/01/33	2,000	2,047,600
City of Sacramento California, RB, Wastewater, 5.00%, 9/01/42	3,000	3,052,200
City of Sacramento California, RB, Water, 5.00%, 9/01/42	4,500	4,589,145
City of San Francisco California Public Utilities Commission Water, RB:		
Series B, 5.00%, 11/01/30	10,000	10,731,900
Series B&C, 5.00%, 11/01/41	5,000	5,132,200
Cucamonga Valley Water District Financing Authority, RB, Water Utility:		
5.00%, 9/01/37	7,705	8,036,084
5.00%, 9/01/42	5,500	5,694,700
Dublin-San Ramon Services District, Refunding RB, 6.00%, 8/01/41	4,000	4,494,800
East Bay Municipal Utility District, Refunding RB:		
Series A (NPFGC), 5.00%, 6/01/32	11,935	12,624,365
Sub-Series A (AGM) (NPFGC), 5.00%, 6/01/37	11,190	11,634,691
Sub-Series A (AMBAC), 5.00%, 6/01/33	5,000	5,352,700
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/33	2,505	2,565,446
Imperial Irrigation District, Refunding RB, System, 5.13%, 11/01/38	9,500	9,737,405
Los Angeles Department of Water & Power, RB, Series A, 5.38%, 7/01/38	9,000	9,816,210
Los Angeles Department of Water & Power, Refunding RB, System, Series A:		
5.00%, 7/01/30	4,325	4,643,882
5.25%, 7/01/39	16,000	16,914,240
San Diego Public Facilities Financing Authority, Refunding RB, Senior Series A:		
5.25%, 5/15/34	1,000	1,057,350
5.25%, 5/15/39	10,000	10,553,900
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 2/01/33	7,325	7,783,911
		147,211,897
Total Municipal Bonds 111.0%		660,937,006

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

Municipal Bonds Transferred to Tender Option Bond Trusts (c)	Par (000)	Value
California 58.0%		
County/City/Special District/School District 27.9%		
Alameda County Joint Powers Authority, Refunding LRB (AGM), 5.00%, 12/01/34	\$ 13,180	\$ 13,369,792
Desert Community College District California, GO, Series C (AGM), 5.00%, 8/01/37	16,530	16,808,696
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/40	10,000	10,271,900
Los Angeles Community College District California, GO:		
Election of 2001, Series A (NPFGC), 5.00%, 8/01/32	6,647	6,921,772
Election of 2001, Series E-1, 5.00%, 8/01/33	11,770	12,209,021
Election of 2003, Series E (AGM), 5.00%, 8/01/31	11,216	11,860,456
Election of 2003, Series F-1, 5.00%, 8/01/33	10,000	10,373,000
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 8/01/33	9,596	11,109,135
Los Angeles County Metropolitan Transportation Authority, Refunding RB, Proposition A, First Tier, Senior Series A (AMBAC), 5.00%, 7/01/35	8,997	9,325,971
Los Angeles County Sanitation Districts Financing Authority, Refunding RB, Capital Project 14 (BHAC), 5.00%, 10/01/34	7,917	8,083,017
Poway Unified School District, GO, Election of 2002, Improvement District 02, Series 1-B (AGM), 5.00%, 8/01/30	10,000	10,565,200
San Bernardino Community College District California, GO, Election of 2002, Series C (AGM), 5.00%, 8/01/31	17,770	18,369,027
San Francisco Bay Area Rapid Transit District, Refunding RB, Series A (NPFGC):		
5.00%, 7/01/30	23,100	24,196,095
5.00%, 7/01/34	2,499	2,588,221
		166,051,303
Education 12.4%		
Chaffey Community College District, GO, Election of 2002, Series B (NPFGC), 5.00%, 6/01/30	9,905	10,327,477
Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35	11,000	11,604,010
Riverside Community College District, GO, Election of 2004, Series C (NPFGC), 5.00%, 8/01/32	8,910	9,300,615
University of California, RB:		
Limited Project, Series D (AGM), 5.00%, 5/15/41	8,000	8,071,520
Series O, 5.75%, 5/15/34	11,190	12,662,455
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37	21,391	22,111,709
		74,077,786
Municipal Bonds Transferred to Tender Option Bond Trusts (c)	Par (000)	Value
California (concluded)		
Transportation 2.6%		
City of Los Angeles California Department of Airports, Refunding RB, Los Angeles International Airport, Senior Series A, 5.00%, 5/15/40	\$ 4,999	\$ 5,073,535
San Mateo County Transportation Authority, Refunding RB, Series A (NPFGC), 5.00%, 6/01/32	10,000	10,333,500
		15,407,035
Utilities 15.1%		
City of Napa California Water System, RB, (AMBAC), 5.00%, 5/01/35	9,100	9,321,039
East Bay Municipal Utility District, RB, Sub-Series A (NPFGC), 5.00%, 6/01/35	12,070	12,459,861
East Bay Municipal Utility District, Refunding RB, Sub-Series A (AMBAC), 5.00%, 6/01/37	14,510	15,344,035
Los Angeles Department of Water & Power, RB, Water System, Sub-Series A-2 (AGM), 5.00%, 7/01/35	7,500	7,847,550
Metropolitan Water District of Southern California, RB, Series A (AGM), 5.00%, 7/01/35	12,870	13,376,306
Rancho Water District Financing Authority, Refunding RB, Series A (AGM), 5.00%, 8/01/34	5,008	5,166,813

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Sacramento County Sanitation Districts Financing Authority, RB, Sacramento Regional County Sanitation (NPFGC), 5.00%, 12/01/36	4,500	4,606,065
San Diego County Water Authority, COP, Series A (AGM), 5.00%, 5/01/31	4,000	4,133,320
San Diego County Water Authority, Refunding, COP, Series A (AGM), 5.00%, 5/01/33	16,740	17,380,472
		89,635,461
Total Municipal Bonds Transferred to Tender Option Bond Trusts 58.0%		345,171,585
Total Long-Term Investments		
(Cost \$997,304,271) 169.0%		1,006,108,591
Short-Term Securities	Shares	
BIF California Municipal Money Fund, 0.00% (d)(e)	501,963	501,963
Total Short-Term Securities		
(Cost \$501,963) 0.1%		501,963
Total Investments (Cost \$997,806,234) 169.1%		1,006,610,554
Other Assets Less Liabilities 2.6%		15,058,845
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (29.0)%		(172,400,480)
VMTP Shares, at Liquidation Value (42.7)%		(254,000,000)
Net Assets Applicable to Common Shares 100.0%		\$ 595,268,919

Notes to Schedule of Investments

- (a) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (b) Variable rate security. Rate shown is as of report date.
- (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 3 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 year ended July 31, 2013, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

	Shares Held at July 31, 2012	Net Activity	Shares Held at July 31, 2013	Income
Affiliate				
BIF California Municipal Money Fund	19,427,466	(18,925,503)	501,963	\$ 5

See Notes to Financial Statements.

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

(e) 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 rating 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 or liabilities that the Fund has the ability to access

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

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

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments 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, please refer to Note 2 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 1,006,108,591		\$ 1,006,108,591
Short-Term Securities	\$ 501,963			501,963
Total	\$ 501,963	\$ 1,006,108,591		\$ 1,006,610,554

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

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

	Level 1	Level 2	Level 3	Total
--	----------------	----------------	----------------	--------------

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Liabilities:		
Bank overdraft	\$ (12,651)	\$ (12,651)
TOB trust certificates	(172,315,932)	(172,315,932)
VMTP Shares	(254,000,000)	(254,000,000)
Total	\$ (426,328,583)	\$ (426,328,583)

There were no transfers between levels during the year ended July 31, 2013.

See Notes to Financial Statements.

Table of Contents

Schedule of Investments July 31, 2013

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

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
New Jersey 135.8%		
Corporate 2.4%		
New Jersey EDA, RB, Mandatory Put Bonds, Disposal, Waste Management of New Jersey, Series A, AMT, 5.30%, 6/01/15 (a)	\$ 2,500	\$ 2,577,276
New Jersey EDA, Refunding RB, New Jersey American Water Co., Inc. Project, AMT: Series A, 5.70%, 10/01/39	2,500	2,629,575
Series B, 5.60%, 11/01/34	2,150	2,265,735
		7,472,586
County/City/Special District/School District 21.5%		
Borough of Hopatcong New Jersey, GO, Refunding, Sewer (AMBAC), 4.50%, 8/01/33	2,690	2,715,555
City of Perth Amboy New Jersey, GO, Refunding, CAB (AGM):		
5.00%, 7/01/32	4,605	4,709,902
5.00%, 7/01/33	1,395	1,423,751
5.00%, 7/01/37	1,470	1,482,936
County of Union New Jersey, GO, Refunding:		
4.00%, 3/01/29	2,590	2,569,150
4.00%, 3/01/30	2,590	2,537,604
4.00%, 3/01/31	2,925	2,831,458
Edgewater Borough Board of Education, GO, Refunding, (AGM):		
4.25%, 3/01/34	1,235	1,234,963
4.25%, 3/01/35	1,300	1,292,681
4.30%, 3/01/36	1,370	1,365,643
Essex County Improvement Authority, RB, County Correctional Facility Project, Series A (NPFGC), 5.00%, 10/01/13 (b)	4,400	4,435,244
Essex County Improvement Authority, Refunding RB, Project Consolidation (NPFGC):		
5.50%, 10/01/27	250	287,458
5.50%, 10/01/28	4,840	5,522,634
Hudson County Improvement Authority, RB:		
County Secured, County Services Building Project (AGM), 5.00%, 4/01/27	750	781,688
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	2,000	2,072,300
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	3,600	3,728,772
Middlesex County Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 9/01/30	500	501,445
Monmouth County Improvement Authority, RB, Governmental Loan (AMBAC):		
5.35%, 12/01/17	5	5,018
5.38%, 12/01/18	5	5,018
Morristown Parking Authority, RB, (NPFGC):		
5.00%, 8/01/30	1,830	1,869,876
5.00%, 8/01/33	3,000	3,046,680
New Jersey Sports & Exposition Authority, Refunding RB, (NPFGC):		
5.50%, 3/01/21	5,890	6,701,760
5.50%, 3/01/22	3,150	3,581,928
New Jersey State Transit Corp., COP, Federal Transit Administration Grants, Subordinate, Series A (AGM) (NPFGC), 5.00%, 9/15/21	2,000	2,164,700
Newark Housing Authority, Refunding RB, Newark Redevelopment Project (NPFGC), 4.38%, 1/01/37	620	534,607
Union County Improvement Authority, RB, Family Court Building Project, 4.00%, 5/01/37	3,575	3,053,550
	Par (000)	Value
Municipal Bonds		
New Jersey (continued)		
County/City/Special District/School District (concluded)		
Union County Utilities Authority, Refunding RB, Series A:		
New Jersey Solid Waste System, County Deficiency Agreement, 5.00%, 6/15/41	\$ 5,415	\$ 5,599,814
Resource Recovery Facility Lease, Covanta Union, AMT, 5.25%, 12/01/31	450	458,172
		66,514,307

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Education 24.3%		
New Jersey Educational Facilities Authority, RB:		
Montclair State University, Series A (AMBAC), 5.00%, 7/01/21	1,200	1,327,860
Montclair State University, Series A (AMBAC), 5.00%, 7/01/22	2,880	3,178,138
Richard Stockton College, Series F (NPFGC), 5.00%, 7/01/31	2,625	2,713,121
Rowan University, Series C (NPFGC), 5.00%, 7/01/14 (b)	3,260	3,402,918
Rowan University, Series C (NPFGC), 5.13%, 7/01/14 (b)	3,615	3,777,639
New Jersey Educational Facilities Authority, Refunding RB:		
College of New Jersey, Series D (AGM), 5.00%, 7/01/35	9,740	9,807,108
Montclair State University, Series J (NPFGC), 4.25%, 7/01/30	3,775	3,650,916
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	3,000	3,091,800
Ramapo College, Series B, 5.00%, 7/01/37	845	862,027
Ramapo College, Series I (AMBAC), 4.25%, 7/01/31	1,250	1,199,900
Ramapo College, Series I (AMBAC), 4.25%, 7/01/36	900	836,352
Seton Hall University, Series D, 5.00%, 7/01/38	360	371,059
Seton Hall University, Series D, 5.00%, 7/01/43	430	441,146
Stevens Institute of Technology, Series A, 5.00%, 7/01/27	2,800	2,830,632
Stevens Institute of Technology, Series A, 5.00%, 7/01/34	900	867,177
William Paterson University Series C (AGC), 4.75%, 7/01/34	4,000	4,043,520
William Paterson University, Series C (AGC), 5.00%, 7/01/28	250	262,910
New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan, Series 1A, AMT:		
4.00%, 12/01/23	500	485,090
3.75%, 12/01/26	1,890	1,669,040
4.00%, 12/01/28	1,790	1,575,701
4.50%, 12/01/28	3,380	3,159,016
4.00%, 12/01/29	710	614,775
4.50%, 12/01/29	4,150	3,828,333
4.63%, 12/01/30	4,080	3,769,961
4.00%, 12/01/31	1,335	1,134,376
4.13%, 12/01/35	710	586,964
New Jersey Institute of Technology, RB, Series A, 5.00%, 7/01/42	5,045	5,139,291
Rutgers, The State University of New Jersey, Refunding RB, Series L:		
5.00%, 5/01/30	1,100	1,177,924
5.00%, 5/01/43	7,150	7,366,502

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
New Jersey (continued)		
Education (concluded)		
University of Medicine & Dentistry of New Jersey, COP (NPFGC), 5.00%, 6/15/14 (b)	\$ 2,000	\$ 2,081,820
		75,253,016
Health 17.0%		
New Jersey Health Care Facilities Financing Authority, RB:		
Greystone Park Psychiatric Hospital (AMBAC), 5.00%, 9/15/15 (b)	10,775	11,778,260
Marlboro Psychiatric Hospital, 4.00%, 9/15/31	1,000	879,500
Marlboro Psychiatric Hospital, 4.00%, 9/15/32	1,000	866,600
Meridian Health, Series I (AGC), 5.00%, 7/01/38	730	734,395
Meridian Health, Series II (AGC), 5.00%, 7/01/38	6,150	6,187,023
Meridian Health, Series V (AGC), 5.00%, 7/01/38	3,835	3,858,087
Virtua Health (AGC), 5.50%, 7/01/38	3,035	3,111,755
New Jersey Health Care Facilities Financing Authority, Refunding RB:		
AHS Hospital Corp., 6.00%, 7/01/41	3,080	3,461,027
Barnabas Health, Series A, 5.00%, 7/01/24	1,820	1,906,523
Barnabas Health, Series A, 4.00%, 7/01/26	1,740	1,608,700
Barnabas Health, Series A, 5.63%, 7/01/32	4,010	4,119,232
Barnabas Health, Series A, 5.63%, 7/01/37	3,060	3,119,517
Hackensack University Medical (AGC), 5.13%, 1/01/27	1,500	1,560,870
Hackensack University Medical (AGM), 4.63%, 1/01/30	5,480	5,390,018
Kennedy Health System, 5.00%, 7/01/42	360	347,191
Meridian Health System Obligation, 5.00%, 7/01/25	700	737,541
Meridian Health System Obligation, 5.00%, 7/01/26	1,590	1,654,936
St. Luke s Warren Hospital Obligation, 5.00%, 8/15/34	740	734,272
St. Luke s Warren Hospital Obligation, 4.00%, 8/15/37	440	363,801
		52,419,248
Housing 9.1%		
New Jersey Housing & Mortgage Finance Agency, RB:		
Capital Fund Program, Series A (AGM), 4.70%, 11/01/25	9,245	9,396,063
M/F Housing, Series A, 4.55%, 11/01/43	3,575	3,217,428
M/F Housing, Series A, AMT (NPFGC), 4.85%, 11/01/39	935	868,157
S/F Housing, Series AA, 6.50%, 10/01/38	1,435	1,475,625
S/F Housing, Series B, 4.50%, 10/01/30	7,005	7,009,343
New Jersey Housing & Mortgage Finance Agency, Refunding RB, AMT:		
M/F Housing, Series 2, 4.60%, 11/01/38	3,420	3,038,123
M/F Housing, Series 2, 4.75%, 11/01/46	3,015	2,638,909
S/F Housing, Series T, 4.70%, 10/01/37	660	650,998
		28,294,646
State 32.5%		
Garden State Preservation Trust, RB:		
CAB, Series B (AGM), 3.74%, 11/01/23 (c)	9,000	6,158,880
CAB, Series B (AGM), 4.07%, 11/01/25 (c)	10,000	6,103,100
Election of 2005, Series A (AGM), 5.80%, 11/01/15 (b)	4,690	5,234,509
	Par (000)	Value
Municipal Bonds		
New Jersey (continued)		
State (concluded)		
Garden State Preservation Trust, Refunding RB, Series C (AGM):		
5.25%, 11/01/20	\$ 5,000	\$ 5,991,150
5.25%, 11/01/21	7,705	9,198,152

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

New Jersey EDA, RB:

Cigarette Tax (Radian), 5.50%, 6/15/14 (b)	585	611,957
Cigarette Tax (Radian), 5.75%, 6/15/14 (b)	2,000	2,096,520
Cigarette Tax (Radian), 5.75%, 6/15/14 (b)	1,180	1,236,947
Liberty State Park Project, Series C, 5.00%, 3/01/22	2,670	2,828,651
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/24	1,785	2,010,231
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/26	7,500	8,314,425
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33	11,105	11,422,825
Motor Vehicle Surcharge, Series A (NPFGC), 5.00%, 7/01/34	2,000	2,028,520
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	4,000	4,504,640
School Facilities Construction (AGC), 6.00%, 12/15/34	1,855	2,087,209
School Facilities Construction (AGC), 6.00%, 12/15/18 (b)	945	1,169,655
School Facilities Construction, Series KK, 5.00%, 3/01/29	1,500	1,554,225
School Facilities Construction, Series L (AGM), 5.00%, 3/01/15 (b)	9,000	9,642,870
School Facilities Construction, Series O, 5.25%, 3/01/15 (b)	1,420	1,529,141
School Facilities Construction, Series U, 5.00%, 9/01/37	5,000	5,055,850
School Facilities Construction, Series U (AMBAC), 5.00%, 9/01/37	2,000	2,022,340
School Facilities Construction, Series Y, 5.00%, 9/01/33	3,000	3,061,080
New Jersey EDA, Refunding RB:		
Cigarette Tax, 5.00%, 6/15/26	895	906,358
Cigarette Tax, 5.00%, 6/15/28	1,520	1,502,642
Cigarette Tax, 5.00%, 6/15/29	2,000	1,946,480
School Facilities Construction, Series N-1 (NPFGC), 5.50%, 9/01/27	1,000	1,120,860
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/27	1,080	1,144,238

100,483,455

Transportation 24.6%

Delaware River Port Authority, RB, Series D (AGM), 5.00%, 1/01/40	3,700	3,785,396
Delaware River Port Authority, Refunding RB, Port District Project: 5.00%, 1/01/26	1,745	1,826,317
5.00%, 1/01/27	1,300	1,342,341
New Jersey State Turnpike Authority, RB, Growth & Income Securities, Series B (AMBAC), 5.22%, 1/01/35 (d)	7,615	7,020,954
New Jersey State Turnpike Authority, Refunding RB:		
Series A (AGM), 5.25%, 1/01/26	4,900	5,535,677
Series A (AGM), 5.25%, 1/01/29	2,000	2,184,080
Series A (AGM), 5.25%, 1/01/30	4,000	4,355,160
Series A (BHAC), 5.25%, 1/01/29	500	555,510
Series C (NPFGC), 6.50%, 1/01/16 (e)	2,715	2,884,389
Series C (NPFGC), 6.50%, 1/01/16 (e)	255	290,909
Series C (NPFGC), 6.50%, 1/01/16	605	685,029
Series C (NPFGC), 6.50%, 1/01/16 (e)	305	347,950

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds		
New Jersey (concluded)		
Transportation (concluded)		
New Jersey Transportation Trust Fund Authority, RB:		
CAB, Series C (AMBAC), 5.88%, 12/15/35 (c)	\$ 1,400	\$ 382,872
Transportation System, CAB, Series A, 5.76%, 12/15/35 (c)	6,000	1,684,260
Transportation System, CAB, Series C (AGM), 5.63%, 12/15/32 (c)	4,050	1,381,455
Transportation System, CAB, Series C (AMBAC), 5.92%, 12/15/36 (c)	7,210	1,843,957
Transportation System, CAB, Series C (BHAC), 5.16%, 12/15/31 (c)	5,000	1,961,000
Transportation System, Series A, 6.00%, 6/15/35	4,365	4,800,802
Transportation System, Series A (AGC), 5.63%, 12/15/28	2,000	2,263,920
Transportation System, Series A (NPFGC), 5.75%, 6/15/24	1,205	1,426,684
Transportation System, Series B, 5.50%, 6/15/31	1,425	1,517,539
New Jersey Transportation Trust Fund Authority, Refunding RB, Transportation System, Series A (AGM), 5.25%, 12/15/20	10,750	12,672,315
Port Authority of New York & New Jersey, RB, Special Project JFK International Air Terminal LLC Project, AMT (NPFGC):		
Series 6, 6.25%, 12/01/15	1,500	1,587,000
Series 6, 5.75%, 12/01/25	3,000	3,059,550
Series 8, 6.00%, 12/01/42	2,500	2,764,725
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd Series, AMT, 5.75%, 11/01/30	5,175	5,640,802
South Jersey Transportation Authority, Refunding RB, Series A: 5.00%, 11/01/29	1,025	1,068,091
Transportation System, 5.00%, 11/01/28	1,025	1,075,225
		75,943,909
Utilities 4.4%		
Essex County Utilities Authority, Refunding RB (AGC), 4.13%, 4/01/22	2,000	2,064,480
North Hudson Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 8/01/20 (e)	4,335	5,201,697
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (c): 4.89%, 9/01/28	6,600	3,184,698
4.99%, 9/01/29	6,900	3,123,078
		13,573,953
Total Municipal Bonds in New Jersey		419,955,120
Guam 1.2%		
State 1.1%		
Territory of Guam, RB, Business Privilege Tax Bonds:		
Series A, 5.13%, 1/01/42	2,500	2,529,700
Series B-1, 5.00%, 1/01/37	700	697,102
		3,226,802
Utilities 0.1%		
Guam Power Authority, Refunding RB, Series A, 5.00%, 10/01/34	325	313,459
Total Municipal Bonds in Guam		3,540,261
	Par (000)	Value
Municipal Bonds		
Puerto Rico 6.1%		
Health 0.6%		
Puerto Rico Industrial Tourist Educational Medical & Environmental Control Facilities Financing Authority, RB, Hospital De La Concepcion, Series A, 6.50%, 11/15/20	\$ 1,750	\$ 1,758,680
State 5.5%		
Commonwealth of Puerto Rico, GO, Refunding, Public Improvement, Series C, 6.00%, 7/01/39	1,730	1,552,675
Puerto Rico Highway & Transportation Authority, Refunding RB, Series CC (AGC), 5.50%, 7/01/31	3,000	2,910,120

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Puerto Rico Infrastructure Financing Authority, RB, CAB, Series A (NPFGC), 7.79%, 7/01/37 (c)	3,500	563,290
Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 6.00%, 8/01/42	2,500	2,496,575
Puerto Rico Sales Tax Financing Corp., Refunding RB:		
CAB, Series A (NPFGC), 6.60%, 8/01/41 (c)	9,500	1,540,900
CAB, Series A (NPFGC), 6.62%, 8/01/42 (c)	4,250	643,535
First Sub-Series A-1, 5.25%, 8/01/43	2,130	1,906,244
First Sub-Series C (AGM), 5.13%, 8/01/42	5,995	5,500,832
		17,114,171
Total Municipal Bonds in Puerto Rico		18,872,851
Total Municipal Bonds 143.1%		442,368,232

Municipal Bonds Transferred to Tender Option Bond Trusts (f)

New Jersey 21.1%		
County/City/Special District/School District 4.1%		
Union County Utilities Authority, Refunding LRB, Covanta Union, Series A, AMT, 5.25%, 12/01/31	12,370	12,594,639
Education 0.3%		
Rutgers, The State University of New Jersey, Refunding RB, Series F, 5.00%, 5/01/39	990	1,028,966
Housing 1.6%		
New Jersey State Housing & Mortgage Finance Agency, RB, Capital Fund Program, Series A (AGM), 5.00%, 5/01/27	4,790	4,991,084
State 5.1%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	9,160	10,923,117
New Jersey EDA, Refunding RB, 5.00%, 3/01/29 (g)	4,782	4,962,437
		15,885,554
Transportation 10.0%		
New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (g)	5,200	5,304,780
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 6/15/36 (g)	1,900	1,973,494
Port Authority of New York & New Jersey, RB, Consolidated, AMT:		
163rd Series, 5.00%, 7/15/39	11,456	11,829,390
169th Series, 5.00%, 10/15/41	5,500	5,544,550
Port Authority of New York & New Jersey, Refunding RB, 152nd Series, Consolidated, AMT, 5.25%, 11/01/35	5,998	6,177,610
		30,829,824
Total Municipal Bonds Transferred to Tender Option Bond Trusts in New Jersey		65,330,067

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

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

(Percentages shown are based on Net Assets)

	Par (000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (f)		
Puerto Rico 0.7%		
State 0.7%		
Puerto Rico Sales Tax Financing Corp., Refunding RB, Senior Series C, 5.25%, 8/01/40	\$ 2,270	\$ 2,175,273
Total Municipal Bonds Transferred to Tender Option Bond Trusts 21.8%		67,505,340
Total Long-Term Investments		
(Cost \$504,314,582) 164.9%		509,873,572
Short-Term Securities	Shares	Value
BIF New Jersey Municipal Money Fund, 0.00% (h)(i)	7,170,770	7,170,770
Total Short-Term Securities		
(Cost \$7,170,770) 2.3%		7,170,770
Total Investments (Cost \$511,485,352) 167.2%		517,044,342
Other Assets Less Liabilities 1.1%		3,066,313
Liability for TOB Trust Certificates, Including Interest		
Expense and Fees Payable (12.4)%		(38,245,294)
VRDP Shares, at Liquidation Value (55.9)%		(172,700,000)
Net Assets Applicable to Common Shares 100.0%		\$ 309,165,361

Notes to Schedule of Investments

- (a) Variable rate security. Rate shown is as of report date.
- (b) US government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (c) Represents a zero-coupon bond. Rate shown reflects the current yield as of report date.
- (d) Represents a step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate shown reflects the current yield as of report date.
- (e) Security is collateralized by municipal or US Treasury obligations.
- (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 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.
- (g) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the Liquidity Provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from June 15, 2019 to September 1, 2020 is \$8,820,122.

- (h) Investments in issuers considered to be an affiliate of the Fund during the year ended July 31, 2013, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

Affiliate	Shares Held at July 31, 2012	Net Activity	Shares Held at July 31, 2013	Income
BIF New Jersey Municipal Money Fund	4,620,110	2,550,660	7,170,770	\$ 5

- (i) 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 rating 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 or liabilities that the Fund has the ability to access

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

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

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments 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, please refer to Note 2 of the Notes to Financial Statements.

See Notes to Financial Statements.

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

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 509,873,572		\$ 509,873,572
Short-Term Securities	\$ 7,170,770			7,170,770
Total	\$ 7,170,770	\$ 509,873,572		\$ 517,044,342

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

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

	Level 1	Level 2	Level 3	Total
Liabilities:				
Bank overdraft		\$ (8,444)		\$ (8,444)
TOB trust certificates		(38,231,115)		(38,231,115)
VRDP Shares		(172,700,000)		(172,700,000)
Total		\$ (210,939,559)		\$ (210,939,559)

There were no transfers between levels during the year ended July 31, 2013.

See Notes to Financial Statements.

Table of Contents

Schedule of Investments July 31, 2013

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Alabama 5.3%		
Birmingham Special Care Facilities Financing Authority, RB, Children s Hospital (AGC):		
6.13%, 6/01/34	\$ 1,500	\$ 1,693,320
6.00%, 6/01/39	2,985	3,365,319
Birmingham Water Works Board, RB, Series B, 5.00%, 1/01/38	355	357,904
City of Madison, GO, Refunding, 5.00%, 4/01/37	375	383,344
Selma IDB, RB, International Paper Co. Project, Series A, 5.38%, 12/01/35	350	350,322
		6,150,209
California 18.8%		
California Educational Facilities Authority, RB, University of Southern California, Series A, 5.25%, 10/01/38		
	1,960	2,084,950
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42		
	1,150	1,290,783
City of San Jose California, Refunding ARB, Series A-1, AMT:		
5.50%, 3/01/30	1,600	1,676,640
6.25%, 3/01/34	1,250	1,368,175
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/41		
	1,400	1,522,486
Los Angeles Community College District California, GO, Election of 2001, Series A (NPFGC), 5.00%, 8/01/32		
	2,780	2,894,731
Los Angeles County Public Works Financing Authority, Refunding RB, Multiple Capital Projects II, 5.00%, 8/01/42		
	2,700	2,667,411
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/34		
	1,000	1,054,200
Sacramento Municipal Utility District, RB, Series A, 5.00%, 8/15/37		
	1,000	1,021,360
San Diego Public Facilities Financing Authority, Refunding RB, Series B (AGC), 5.38%, 8/01/34		
	1,020	1,101,294
San Francisco City & County Airports Commission, Refunding RB, Second Series A, AMT:		
5.50%, 5/01/28	720	767,484
5.25%, 5/01/33	560	575,002
State of California, GO, Various Purpose (AGC), 5.50%, 11/01/39		
	3,450	3,674,561
		21,699,077
Colorado 3.4%		
City & County of Denver Colorado, ARB, Airport System, Series A, AMT:		
5.50%, 11/15/28	500	523,155
5.50%, 11/15/30	225	232,481
5.50%, 11/15/31	270	277,887
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%, 5/15/26		
	1,300	1,440,088
Regional Transportation District, RB, Fastracks Project, Series A, 5.00%, 11/01/37		
	1,400	1,452,388
		3,925,999
Florida 10.8%		
County of Lee Florida, Refunding RB, Series A, AMT, 5.38%, 10/01/32		
	1,000	1,012,340
County of Miami-Dade Florida, Refunding RB:		
Transit System Sales Surtax, 5.00%, 7/01/42		
	2,000	2,022,880
Water & Sewer System, Series B, 5.25%, 10/01/29 (a)		
	1,890	2,014,041
County of Miami-Dade Florida Aviation, Refunding RB, Series A, AMT:		
5.00%, 10/01/31	2,165	2,124,320
5.00%, 10/01/32	1,000	975,850
	Par	
Municipal Bonds		
	(000)	Value
Florida (concluded)		
County of Osceola Florida School Board, COP, Refunding, Series A, 5.00%, 6/01/28		
	\$ 455	\$ 471,425
	115	115,283

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Florida Housing Finance Corp., HRB, Brittany Rosemont Apartments, Series C-1, AMT (AMBAC), 6.75%, 8/01/14		
Jacksonville Florida Port Authority, Refunding RB, AMT, 5.00%, 11/01/38	850	827,347
JEA Florida Electric System, Refunding RB, Sub-Series C, 5.00%, 10/01/37	1,280	1,305,382
Manatee County Housing Finance Authority, RB, Series A, AMT (Fannie Mae), 5.90%, 9/01/40	185	190,985
Miami-Dade County Expressway Authority, Refunding RB, Series A, 5.00%, 7/01/33	1,400	1,416,016
		12,475,869
Georgia 3.0%		
City of Atlanta Georgia Department of Aviation, Refunding GARB, Series C, AMT, 5.00%, 1/01/37	3,500	3,447,605
Illinois 15.3%		
Chicago Illinois Board of Education, GO, Series A, 5.50%, 12/01/39	1,500	1,547,400
Chicago Illinois Transit Authority, RB, Sales Tax Receipts Revenue: 5.25%, 12/01/36	425	435,047
5.25%, 12/01/40	2,355	2,399,368
Chicago Transit Authority, RB, Federal Transit Administration Section 5309, Series A (AGC), 6.00%, 6/01/26	1,400	1,515,094
City of Chicago Illinois, GARB O Hare International Airport, Third Lien: Series A, 5.75%, 1/01/39	770	801,031
Series C, 6.50%, 1/01/41	3,680	4,332,354
City of Chicago Illinois, Refunding RB: Sales Tax, 5.25%, 1/01/38	525	547,081
Second Lien, Water Project, 5.00%, 11/01/42	955	940,493
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	1,555	1,686,833
Illinois Finance Authority, Refunding RB, North Western Memorial Healthcare, 5.00%, 8/15/37	305	310,319
Railsplitter Tobacco Settlement Authority, RB: 5.50%, 6/01/23	940	1,044,942
6.00%, 6/01/28	270	294,608
State of Illinois, GO: 5.50%, 7/01/33	1,500	1,519,365
5.50%, 7/01/38	280	282,327
		17,656,262
Indiana 3.3%		
Indiana Finance Authority, RB, Private Activity Bonds (Ohio River Bridges), AMT, 5.00%, 7/01/40	375	352,309
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC), 5.50%, 1/01/38	3,310	3,467,423
		3,819,732
Louisiana 2.4%		
New Orleans Aviation Board Louisiana, Refunding GARB Restructuring (AGC): Series A-1, 6.00%, 1/01/23	375	424,834
Series A-2, 6.00%, 1/01/23	160	181,262
Terbonne Levee & Conservation District, RB, Sales Tax, 5.00%, 7/01/38	495	489,417

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Louisiana (concluded)		
Tobacco Settlement Financing Corp., Refunding RB, Series A:		
5.50%, 5/15/28	\$ 755	\$ 798,465
5.50%, 5/15/29	805	845,145
		2,739,123
Massachusetts 0.6%		
Massachusetts School Building Authority, RB, Senior Series A, 5.00%, 5/15/43	645	670,265
Michigan 5.0%		
City of Detroit Michigan, RB, Water Supply System, Second Lien, Series B (AGM), 6.25%, 7/01/36	1,800	1,827,018
City of Detroit Michigan, Refunding RB, Sewage Disposal System Senior Lien (AGM):		
Series B, 7.50%, 7/01/33	660	708,787
Series C-1, 7.00%, 7/01/27	1,650	1,740,783
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39	1,265	1,527,260
		5,803,848
Minnesota 3.0%		
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC), 6.50%, 11/15/38	3,000	3,455,340
Mississippi 2.9%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40	190	221,301
Mississippi Development Bank, Refunding RB, Series A:		
Jackson Public School District Project, 5.00%, 4/01/28	1,000	1,022,250
Jackson Water & Sewer System (AGM), 5.00%, 9/01/30	1,715	1,789,997
University of Southern Mississippi, Refunding RB, S.M. Educational Building Corp., Residence Hall Construction Project, 5.00%, 3/01/33	280	290,570
		3,324,118
Missouri 0.3%		
The Bi-State Development Agency of the Missouri-Illinois Metropolitan District, Refunding RB, Combined Lien, Series A, 5.00%, 10/01/28 (a)	305	322,303
Nevada 4.4%		
Clark County Water Reclamation District, GO, Series A, 5.25%, 7/01/34	1,500	1,651,380
County of Clark Nevada, ARB:		
Las Vegas-McCarran International Airport, Series A (AGC), 5.25%, 7/01/39	2,375	2,459,835
Subordinate Lien, Series A-2 (NPFGC), 5.00%, 7/01/36	1,000	1,001,310
		5,112,525
New Jersey 4.6%		
New Jersey EDA, RB, School Facilities Construction (AGC):		
6.00%, 12/15/18 (b)	330	408,451
6.00%, 12/15/34	670	753,870
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health (AGC), 5.50%, 7/01/38	1,400	1,435,406
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series A, 5.50%, 6/15/41	1,195	1,256,423
	Par	
	(000)	Value
Municipal Bonds		
New Jersey (concluded)		
Rutgers, The State University of New Jersey, Refunding RB:		

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Series J, 5.00%, 5/01/32	\$ 845	\$ 895,100
Series L, 5.00%, 5/01/32	520	550,831
		5,300,081
New York 9.2%		
New York City Municipal Water Finance Authority, Refunding RB: Second General Resolution, Fiscal 2012, Series BB, 5.25%, 6/15/44	2,000	2,086,560
Series FF-2, 5.50%, 6/15/40	1,545	1,682,567
New York City Transitional Finance Authority, RB, Fiscal 2009, Series S-4 (AGC), 5.50%, 1/15/29	2,000	2,223,340
New York State Dormitory Authority, RB, General Purpose, Series C, 5.00%, 3/15/41	4,500	4,634,820
		10,627,287
Ohio 1.0%		
Ohio Higher Educational Facility Commission, Refunding RB, Kenyon College Project, 5.00%, 7/01/37	190	190,581
Ohio State Turnpike Commission, RB, Junior Lien Infrastructure Projects, Series A-1 (a): 5.25%, 2/15/30	445	469,938
5.25%, 2/15/31	445	467,824
		1,128,343
Pennsylvania 5.0%		
County of Westmoreland Municipal Authority, RB, 5.00%, 8/15/37	1,500	1,510,560
Pennsylvania Higher Educational Facilities Authority, RB, Temple University, First Series, 5.00%, 4/01/42	2,000	2,035,060
Pennsylvania Turnpike Commission, RB, Sub-Series A, 6.00%, 12/01/41	2,000	2,182,520
		5,728,140
Puerto Rico 2.2%		
Puerto Rico Sales Tax Financing Corp., RB, First Sub-Series A, 6.38%, 8/01/39	1,310	1,334,445
Puerto Rico Sales Tax Financing Corp., Refunding RB, Senior Series C, 5.25%, 8/01/40	1,205	1,154,715
		2,489,160
Texas 18.7%		
Austin Community College District Public Facility Corp., RB, Educational Facilities Project, Round Rock Campus, 5.25%, 8/01/33	2,250	2,373,300
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37 (a)	930	979,337
City of Brownsville Texas Utilities System, Refunding RB, Series A, 5.00%, 9/01/29	825	863,181
City of Houston Texas Utility System, Refunding RB, First Lien, Series A (AGC): 6.00%, 11/15/35	2,700	3,069,198
6.00%, 11/15/36	2,055	2,353,427
5.38%, 11/15/38	1,000	1,069,300
Dallas-Fort Worth International Airport, ARB, Series H, AMT, 5.00%, 11/01/42	1,855	1,751,547
Frisco ISD Texas, GO, School Building (AGC), 5.50%, 8/15/41	1,210	1,360,923
Lower Colorado River Authority, Refunding RB, Series B, 5.00%, 5/15/37	1,000	1,022,050
North Texas Tollway Authority, RB, Special Projects System, Series A, 5.50%, 9/01/41	2,750	2,944,122

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Texas (concluded)		
North Texas Tollway Authority, Refunding RB, First Tier: (AGM), 6.00%, 1/01/43	\$ 1,000	\$ 1,076,030
Series K-1 (AGC), 5.75%, 1/01/38	1,400	1,481,858
Tarrant County Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC), 6.50%, 7/01/37	1,100	1,200,254
		21,544,527
Virginia 3.6%		
Lexington IDA, RB, Washington & Lee University, 5.00%, 1/01/43	380	393,714
Norfolk EDA, Refunding RB, Sentara Healthcare, Series B, 5.00%, 11/01/36	2,500	2,527,500
Virginia Public School Authority, RB, School Financing, 6.50%, 12/01/18 (b)	1,000	1,259,170
		4,180,384
Washington 2.7%		
City of Seattle Washington, Refunding RB, Series A, 5.25%, 2/01/36	1,000	1,060,350
Spokane Public Facilities District, RB, Hotel/Motel & Sales/Use Tax, Series A, 5.00%, 12/01/38	1,235	1,226,145
State of Washington, GO, Various Purpose, Series B, 5.25%, 2/01/36	725	773,060
		3,059,555
Total Municipal Bonds 125.5%		144,659,752
Municipal Bonds Transferred to Tender Option Bond Trusts (c)		
Alabama 1.3%		
Mobile Board of Water & Sewer Commissioners, RB, (NPFGC), 5.00%, 1/01/31	1,500	1,549,440
California 0.9%		
University of California, Refunding RB, Limited Project, Series G, 5.00%, 5/15/37	1,000	1,033,740
District of Columbia 0.7%		
District of Columbia Water & Sewer Authority, Refunding RB, Series A, 6.00%, 10/01/35 (d)	760	851,249
Florida 3.2%		
County of Miami-Dade Florida Transit System, Refunding RB, 5.00%, 7/01/42	660	667,550
Hillsborough County Aviation Authority, RB, Series A, AMT (AGC), 5.50%, 10/01/38	2,499	2,639,953
Lee County Housing Finance Authority, RB, Multi-County Program, Series A-2, AMT (Ginnie Mae), 6.00%, 9/01/40	360	376,625
		3,684,128
Illinois 3.5%		
Chicago Transit Authority, Refunding RB, Federal Transit Administration Section 5309 (AGM), 5.00%, 6/01/28	2,999	3,045,543
Illinois State Toll Highway Authority, RB, Series A, 5.00%, 1/01/38	999	1,011,196
		4,056,739
Kentucky 0.9%		
Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC), 5.25%, 2/01/27	1,002	1,094,119
	Par	
	(000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (c)		
Massachusetts 1.8%		
	\$ 2,040	\$ 2,112,032

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

Massachusetts School Building Authority, RB, Dedicated Sales Tax, Senior Series B,
5.00%, 10/15/41

Nevada 7.8%

Clark County Water Reclamation District, GO:

Limited Tax, 6.00%, 7/01/38	2,010	2,275,340
Series B, 5.50%, 7/01/29	1,994	2,263,217
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	4,200	4,456,620

8,995,177

New Jersey 2.4%

New Jersey State Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC,
5.25%, 10/01/29

1,610 1,679,151

New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B,
5.25%, 6/15/36 (d)

1,000 1,038,681

2,717,832

New York 14.7%

Hudson New York Yards Infrastructure Corp., RB, Senior Series A, 5.75%, 2/15/47 (d)

1,000 1,061,616

New York City Municipal Water Finance Authority, Refunding RB, Second General
Resolution:

Fiscal 2012, Series BB, 5.25%, 6/15/44

2,999 3,128,570

Water & Sewer System, Series FF-2, 5.50%, 6/15/40

1,095 1,192,195

New York City Transitional Finance Authority, BARB, Series S-3, 5.25%, 1/15/39

1,000 1,040,592

New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Construction,
5.25%, 12/15/43

3,000 3,117,073

New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project,
5.75%, 11/15/51 (d)

1,770 1,916,432

New York State Dormitory Authority, ERB, Series B, 5.25%, 3/15/38

3,250 3,397,615

New York State Thruway Authority, Refunding RB, Series G (AGM), 5.00%, 1/01/32

2,000 2,075,820

16,929,913

Texas 4.5%

City of San Antonio Texas, Refunding RB, Electric & Gas Systems, Series A, 5.25%, 2/01/31
(d)

2,609 2,884,953

Waco Educational Finance Corp., Refunding RB, Baylor University, 5.00%, 3/01/43

2,220 2,246,174

5,131,127

Utah 0.9%

City of Riverton Utah Hospital, RB, IHC Health Services, Inc., 5.00%, 8/15/41

1,005 1,004,735

Washington 1.7%

University of Washington, Refunding RB, Series A, 5.00%, 7/01/41

1,875 1,941,375

Total Municipal Bonds Transferred to

Tender Option Bond Trusts 44.3%

51,101,606

Total Long-Term Investments

(Cost \$193,126,870) 169.8%

195,761,358

Short-Term Securities

Connecticut 1.1%

Connecticut Housing Finance Authority, RB, VRDN, 0.06%, 8/01/13 (e)

1,305 1,305,000

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

	Par (000)	Value
Short-Term Securities		
Pennsylvania 0.9%		
Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, VRDN, 0.05%, 8/01/13 (e)	\$ 1,000	\$ 1,000,000
	Shares	
Money Market Funds 7.1%		
FFI Institutional Tax-Exempt Fund, 0.03% (f)(g)	8,162,312	8,162,312
Total Short-Term Securities		
(Cost \$10,467,312) 9.1%		10,467,312
Total Investments (Cost \$203,594,182) 178.9%		206,228,670
Liabilities in Excess of Other Assets (5.4%)		(6,237,122)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (24.5%)		(28,204,129)
VMTP Shares, at Liquidation Value (49.0%)		(56,500,000)
Net Assets Applicable to Common Shares 100.0%		\$ 115,287,419

Notes to Schedule of investments

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

Counterparty	Value	Unrealized Appreciation/ (Depreciation)
Citigroup Global Markets, Inc.	\$ 937,762	\$ 1,192
Morgan Stanley & Co. LLC	\$ 2,014,041	\$ (24,041)
Royal Bank of Canada	\$ 322,303	\$ (3,687)
Wells Fargo Securities LLC	\$ 979,337	\$ 3,934

(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 3 of the Notes to Financial Statements for details of municipal bonds transferred to TOBs.

(d) All or a portion of security is subject to a recourse agreement, which may require the Fund to pay the Liquidity Provider in the event there is a shortfall between the TOB trust certificates and proceeds received from the sale of the security contributed to the TOB trust. In the case of a shortfall, the aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire from October 1, 2016 to November 15, 2019 is \$4,647,047.

(e) Variable rate security. Rate shown is as of report date and maturity shown is the date the principal owed can be recovered through demand.

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

(f) Investments in issuers considered to be an affiliate of the Fund during the year ended July 31, 2013, for purposes of Section 2(a)(3) of the 1940 Act, were as follows:

Affiliate	Shares Held	Net Activity	Shares Held	Income
	at July 31, 2012		at July 31, 2013	
FFI Institutional Tax-Exempt Fund		8,162,312	8,162,312	\$ 529

(g) 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 or liabilities that the Fund has the ability to access

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

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

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Changes in valuation techniques may result in transfers into or out of an assigned level within the disclosure hierarchy. In accordance with the Fund's policy, transfers between different levels of the fair value disclosure hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments is based

See Notes to Financial Statements.

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

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, please refer to Note 2 of the Notes to Financial Statements.

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

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 195,761,358		\$ 195,761,358
Short-Term Securities	\$ 8,162,312	2,305,000		10,467,312
Total	\$ 8,162,312	\$ 198,066,358		\$ 206,228,670

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

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

	Level 1	Level 2	Level 3	Total
Liabilities:				
Bank overdraft		\$ (4,529)		\$ (4,529)
TOB trust certificates		(28,191,767)		(28,191,767)
VMTP Shares		(56,500,000)		(56,500,000)
Total		\$ (84,696,296)		\$ (84,696,296)

There were no transfers between levels during the year ended July 31, 2013.

See Notes to Financial Statements.

Table of Contents

Schedule of Investments July 31, 2013

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Michigan 135.4%		
Corporate 5.2%		
Monroe County EDC, Michigan, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 9/01/22	\$ 10,695	\$ 13,397,412
County/City/Special District/School District 35.9%		
Adrian City School District, GO, (AGM) (a):		
5.00%, 5/1/14	1,600	1,657,024
5.00%, 5/1/14	2,000	2,071,280
Anchor Bay School District, GO, Refunding (Q-SBLF):		
4.13%, 5/01/25	3,000	3,059,430
4.25%, 5/01/26	1,800	1,826,046
4.38%, 5/01/27	960	970,752
4.38%, 5/01/28	600	595,776
4.50%, 5/01/29	900	902,277
Bay City School District Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/36	2,800	2,809,772
Birmingham City School District Michigan, GO, School Building & Site (AGM), 5.00%, 11/01/14 (a)	1,000	1,059,200
Brighton Area School District Michigan, GO, School Building & Site, Series I (Q-SBLF), 4.25%, 5/01/37	3,370	3,016,386
Charter Township of Canton Michigan, GO, Capital Improvement (AGM):		
5.00%, 4/01/25	1,840	2,011,929
5.00%, 4/01/26	2,000	2,104,540
5.00%, 4/01/27	500	530,540
Chippewa Valley Schools, GO, Refunding, Unlimited Tax (Q-SBLF), 5.00%, 5/01/32	1,970	2,059,576
City of Oak Park Michigan, GO, Street Improvement (NPFGC), 5.00%, 5/01/30	500	517,810
Comstock Park Public Schools, GO, School Building & Site, Series B (Q-SBLF):		
5.50%, 5/01/36	750	788,535
5.50%, 5/01/41	1,355	1,415,677
County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/19	600	633,132
Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC), 5.50%, 5/01/39	3,300	3,434,772
Eaton Rapids Public Schools, GO School Building & Site (AGM), (a):		
5.25%, 5/01/14	1,675	1,738,231
5.25%, 5/01/14	1,325	1,375,019
Flint EDC, RB, Michigan Department of Human Services Office Building Project, 5.25%, 10/01/41	3,070	2,973,295
Fraser Public School District Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/25	2,000	2,125,800
Gibraltar School District Michigan, GO, School Building & Site Improvement (NPFGC) (a):		
5.00%, 5/01/14	2,940	3,044,781
5.00%, 5/01/14	710	735,468
Goodrich Area School District Michigan, GO, School Building & Site (Q-SBLF):		
5.50%, 5/01/32	600	636,834
5.50%, 5/01/36	1,200	1,263,252
5.50%, 5/01/41	1,575	1,646,568
Gull Lake Community School District, GO, School Building & Site (AGM), 5.00%, 5/01/14 (a)	3,625	3,755,609
Harper Creek Community School District Michigan, GO, Refunding (AGM), 5.00%, 5/01/22	1,125	1,201,849
Harper Woods School District Michigan, GO, Refunding, School Building & Site (NPFGC), 5.00%, 5/01/14 (a)	430	445,424
	Par	
	(000)	Value
Municipal Bonds		
Michigan (continued)		
County/City/Special District/School District (concluded)		
Hudsonville Public Schools, GO, School Building & Site, 5.25%, 5/01/41	\$ 4,100	\$ 4,212,586
L Anse Creuse Public Schools Michigan, GO, School Building & Site (AGM):		
5.00%, 5/01/24	1,000	1,068,310

Edgar Filing: BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC. - Form N-CSR

5.00%, 5/01/25	1,525	1,629,173
5.00%, 5/01/26	1,600	1,700,640
5.00%, 5/01/35	3,000	3,011,640
Lincoln Consolidated School District Michigan, GO, Refunding (NPFGC) (Q-SBLF), 4.63%, 5/01/28	5,000	5,022,100
Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43	3,090	3,047,358
Livonia Public Schools School District Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/24	1,000	1,029,470
Montrose Community Schools, GO, (NPFGC), 6.20%, 5/01/17	830	914,535
Parchment School District, County of Kalamazoo, State of Michigan, GO, School Building and Site (NPFGC) (Q-SBLF), 5.00%, 5/01/25	1,000	1,074,720
Pennfield School District, GO, School Building & Site (NPFGC), (a):		
5.00%, 5/01/14	605	626,423
5.00%, 5/01/14	765	792,089
Plymouth-Canton Community School District, GO, School Building & Site, Series A:		
4.00%, 5/01/32	1,700	1,546,031
4.00%, 5/01/33	1,240	1,119,832
Reed City Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/14 (a)	1,425	1,476,343
Romulus Community Schools, GO, Unlimited Tax, Refunding (AGM) (Q-SBLF):		
4.13%, 5/01/25	1,150	1,158,705
4.25%, 5/01/26	1,200	1,202,832
4.25%, 5/01/27	1,200	1,184,364
4.50%, 5/01/29	1,025	1,007,903
Southfield Public Schools Michigan, GO, School Building & Site, Series B (AGM) (Q-SBLF), 5.00%, 5/01/14 (a)	2,000	2,071,740
Thornapple Kellogg School District Michigan, GO, Refunding, School Building & Site (NPFGC) (Q-SBLF), 5.00%, 5/01/32	2,500	2,561,175
Van Dyke Public Schools Michigan, GO, School Building & Site (AGM) (Q-SBLF), 5.00%, 5/01/28	1,250	1,314,000
Zeeland Public Schools Michigan, GO, School Building & Site (NPFGC), 5.00%, 5/01/14 (a)	1,600	1,657,392
		92,835,945
Education 17.3%		
Grand Valley State University, RB, (NPFGC), 5.50%, 2/01/18	1,760	1,899,920
Lake Superior State University, Refunding RB, (AGM):		
4.00%, 11/15/26	770	745,160
4.00%, 11/15/27	465	441,727
4.00%, 11/15/28	310	292,656
4.00%, 11/15/29	400	370,940
4.00%, 11/15/30	310	283,117
Michigan Higher Education Facilities Authority, RB, Limited Obligation, Hillsdale College Project, 5.00%, 3/01/35	1,720	1,697,571
Michigan State University, Refunding RB, General:		
Series A, 5.00%, 8/15/41	4,980	5,098,375
Series C, 5.00%, 2/15/40	4,700	4,797,055

See Notes to Financial Statements.

Table of Contents

Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

	Par	
	(000)	Value
Municipal Bonds		
Michigan (continued)		
Education (concluded)		
Michigan Technological University, Refunding RB, Series A, 5.00%, 10/01/34	\$ 1,650	\$ 1,686,514
Oakland University, RB, General, Series A: 5.00%, 3/01/38	8,485	8,568,323
5.00%, 3/01/43	13,865	13,916,855
Saginaw Valley State University Michigan, Refunding RB, General (NPFGC): 5.00%, 7/01/14 (a)	1,935	2,018,727
5.00%, 7/01/24	165	171,440
Wayne State University, RB, Series A, 4.00%, 11/15/44	620	527,787
Western Michigan University, Refunding RB, General, 5.25%, 11/15/40	2,100	2,162,391
		44,678,558
Health 22.8%		
Flint Hospital Building Authority Michigan, Refunding RB, Hurley Medical Center (ACA), 6.00%, 7/01/20	140	140,133
Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM), 5.25%, 5/15/36	4,750	4,855,687
Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29	4,500	4,560,615
Michigan Finance Authority, RB, Sparrow Obligated Group, 5.00%, 11/15/36	1,550	1,504,229
Michigan Finance Authority, Refunding RB: Hospital, Oakwood Obligated Group, 5.00%, 8/15/31	1,745	1,730,639
Trinity Health Credit Group, 5.00%, 12/01/31	3,100	3,150,499
Trinity Health Credit Group, 5.00%, 12/01/35	3,100	3,108,184
Trinity Health Credit Group, 5.00%, 12/01/39	190	188,066
Michigan State Hospital Finance Authority, RB: Ascension Health Senior Credit Group, 5.00%, 11/15/25	3,700	3,957,816
McLaren Health Care, Series C, 5.00%, 8/01/35	1,000	1,001,510
MidMichigan Obligated Group, Series A, 5.00%, 4/15/26	620	627,905
MidMichigan Obligated Group, Series A, 5.00%, 4/15/36	3,550	3,419,111
MidMichigan Obligated Group, Series A (AMBAC), 5.50%, 4/15/18	2,530	2,537,008
Michigan State Hospital Finance Authority, Refunding RB: Henry Ford Health System, Series A, 5.25%, 11/15/46	2,500	2,400,325
Hospital, Oakwood Obligated Group, 5.00%, 11/01/32	4,000	3,926,960
Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/21	600	653,736
Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/25	3,260	3,334,915
Hospital, Oakwood Obligated Group, Series A, 5.00%, 7/15/37	630	600,403
Hospital, Sparrow Obligated Group, 5.00%, 11/15/31	3,100	3,052,322
McLaren Health Care, Series A, 5.00%, 6/01/35	1,390	1,355,639
McLaren Health Care, Series A, 5.75%, 5/15/38	4,500	4,935,420
Trinity Health Credit Group, Series C, 4.00%, 12/01/32	4,460	3,876,008
Trinity Health Credit, Series A, 6.25%, 12/01/28	930	1,064,087
	Par	
	(000)	Value
Municipal Bonds		
Michigan (continued)		
Health (concluded)		
Michigan State Hospital Finance Authority, Refunding RB (concluded): Trinity Health Credit, Series A, 6.50%, 12/01/33	\$ 1,000	\$ 1,144,960
Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont Hospital, 8.25%, 9/01/39	1,000	1,207,320
Sturgis Building Authority, RB, Sturgis Hospital Project (NPFGC), 4.75%, 10/01/34	475	456,570
		58,790,067

Housing 9.3%

Michigan State HDA, RB:

Deaconess Tower, AMT (Ginnie Mae), 5.25%, 2/20/48

1,000