

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

Form N-CSRS

April 05, 2019

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: 07/31/2019

Date of reporting period: 01/31/2019

Item 1 Report to Stockholders

JANUARY 31, 2019

SEMI-ANNUAL REPORT (UNAUDITED)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

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

BlackRock MuniYield Investment Quality Fund (MFT)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of each Fund's shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports from BlackRock or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

You may elect to receive all future reports in paper free of charge. If you hold accounts directly with BlackRock, you can call Computershare at (800) 699-1236 to request that you continue receiving paper copies of your shareholder reports. If you hold accounts through a financial intermediary, you can follow the instructions included with this disclosure, if applicable, or contact your financial intermediary to request that you continue to receive paper copies of your shareholder reports. Please note that not all financial intermediaries may offer this service. Your election to receive reports in paper will apply to all funds advised by BlackRock Advisors, LLC or its affiliates, or all funds held with your financial intermediary, as applicable.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive electronic delivery of shareholder reports and other communications by contacting your financial intermediary, if you hold accounts through a financial intermediary. Please note that not all financial intermediaries may offer this service.

**Not FDIC Insured May Lose Value No Bank
Guarantee**

The Markets in Review

Dear Shareholder,

In the 12 months ended January 31, 2019, concerns about a variety of political risks and a modest slowdown in global growth worked against the equity market, while the bond market delivered modest positive returns. Though the market's appetite for risk remained healthy for most of the reporting period, risk-taking declined sharply later in the reporting period. As a result, bonds held their value better than stocks, which posted negative returns across the globe. Shorter-term, higher-quality securities led the bond market, and U.S. equities outperformed most international stock markets.

Volatility rose in emerging market stocks, as the rising U.S. dollar and higher interest rates in the U.S. disrupted economic growth abroad. U.S.-China trade relations and debt concerns adversely affected the Chinese stock market, while Turkey and Argentina became embroiled in currency crises, largely due to hyperinflation in both countries. An economic slowdown in Europe also led to negative performance for European equities.

Volatility in the U.S. equity market spiked in October, as a wide range of risks were brought to bear on markets, ranging from rising interest rates and slowing global growth to heightened trade tensions and political turmoil in several countries, including the United States. These risks manifested in a broad based sell-off in December, leading to the worst December performance on record since 1931.

By comparison, fixed income securities delivered modest positive returns with relatively low volatility. In fixed income markets, short-term U.S. Treasury interest rates rose the fastest, while longer-term rates were relatively unchanged. This led to positive returns for U.S. Treasuries and a substantial flattening of the yield curve. Although the credit fundamentals in corporate markets remained relatively solid, investment-grade and high-yield bonds trailed U.S. Treasuries.

The U.S. Federal Reserve (the Fed) increased short-term interest rates four times during the reporting period. The Fed also continued to reduce its balance sheet, gradually reversing the unprecedented stimulus measures it enacted after the financial crisis. By our estimation, the Fed's neutral interest rate (the theoretical rate that is neither stimulative nor restrictive to the economy) is approximately 3.5%. The Fed funds rate is currently at 2.5%, which is stimulative to the economy. At its latest meeting in late January, the Fed left interest rates unchanged and signaled a slower pace of rate hikes in response to the global economic slowdown. Relatively low inflation gives the Fed room to maintain support for the economy until the economic data builds the case for changing interest rates.

Although fears of recession drove equity volatility higher at the end of 2018, we continue to believe the probability of recession in 2019 remains relatively low. Economic growth and global earnings are likely to slow somewhat in 2019 the tax cut stimulus will be less pronounced, and the Fed's rate hikes in 2018 will gain traction in 2019. Trade frictions look more baked into asset prices than a year ago, but markets may be overlooking European political risks. Consequently, we are cautious on European equities, as European unity remains tenuous with a history of flare-ups. We continue to prefer to take risk in U.S. and emerging market equities. Within U.S. equities, we believe that companies with high-quality earnings and strong balance sheets offer the most attractive risk/reward trade-off. We also favor short-term bonds over long-term bonds because they offer nearly equivalent yields with far lower volatility.

In this environment, investors need to think globally, extend their scope across a broad array of asset classes, and be nimble as market conditions change. We encourage you to talk with your financial advisor and visit [blackrock.com](https://www.blackrock.com) for further insight about investing in today's markets.

Sincerely,

Rob Kapito

President, BlackRock Advisors, LLC

Rob Kapito

President, BlackRock Advisors, LLC

Total Returns as of January 31, 2019

	6-month	12-month
U.S. large cap equities (S&P 500® Index)	(3.00)%	(2.31)%
U.S. small cap equities (Russell 2000® Index)	(9.62)	(3.52)
International equities (MSCI Europe, Australasia, Far East Index)	(7.80)	(12.51)
Emerging market equities (MSCI Emerging Markets Index)	(2.60)	(14.24)
3-month Treasury bills (ICE BofAML 3-Month U.S. Treasury Bill Index)	1.10	1.95
U.S. Treasury securities (ICE BofAML 10-Year U.S. Treasury Index)	4.20	3.21
U.S. investment grade bonds (Bloomberg Barclays U.S. Aggregate Bond Index)	2.71	2.25
Tax-exempt municipal bonds (S&P Municipal Bond Index)	1.86	3.08
U.S. high yield bonds (Bloomberg Barclays U.S. Corporate High Yield 2% Issuer Capped Index)	1.07	1.73

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

	Page
<u>The Markets in Review</u>	2
Semi-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
<u>Financial Statements:</u>	
<u>Schedules of Investments</u>	16
<u>Statements of Assets and Liabilities</u>	42
<u>Statements of Operations</u>	43
<u>Statements of Changes in Net Assets</u>	44
<u>Statements of Cash Flows</u>	49
<u>Financial Highlights</u>	50
<u>Notes to Financial Statements</u>	55
<u>Director and Officer Information</u>	65
<u>Additional Information</u>	66
<u>Glossary of Terms Used in this Report</u>	67

Municipal Market Overview For the Reporting Period Ended January 31, 2019

Municipal Market Conditions

Municipal bonds experienced positive performance during the period, despite challenged total returns during most of 2018 as interest rates moved higher on the back of continued Fed policy normalization, fiscal stimulus, strong economic growth, and increased U.S. Treasury issuance. Performance turned particularly strong late in the year, with interest rates rallying as the Fed began to indicate a pivot from forecast based to data driven policy and the potential for a slower pace of future rate hikes. During the period, demand for the asset class remained firm, although displayed some bouts of volatility. Broadly, investors favored the tax-exempt income, diversification, quality, and value of municipal bonds given that tax reform ultimately lowered the top individual tax rate just 2.6% while eliminating deductions. During the 12 months ended January 31, 2019, municipal bond funds experienced net inflows of approximately \$2.7 billion (based on data from the Investment Company Institute).

For the same 12-month period, total new issuance underwhelmed from a historical perspective at \$315 billion (below the \$394 billion issued in the prior 12-month period), a direct result of the elimination of advanced refundings through the 2017 Tax Cuts and Jobs Act. This shift transitioned the market from an existing net positive supply environment to a much more favorable net negative supply environment in which reinvestment income (coupons, calls, and maturities) largely outstripped gross issuance and provided a powerful technical tailwind.

A Closer Look at Yields

S&P Municipal Bond Index
Total Returns as of January 31, 2019
6 months: 1.86%

12 months: 3.08%

From January 31, 2018 to January 31, 2019, yields on AAA-rated 30-year municipal bonds increased by 11 basis points (bps) from 2.91% to 3.02%, while 10-year rates decreased by 18 bps from 2.35% to 2.17% and 5-year rates decreased by 7 bps from 1.83% to 1.76% (as measured by Thomson Municipal Market Data). The municipal yield curve was nearly unchanged over the 12-month period with the spread between 2- and 30-year maturities bear steepening just 1 bp, which is significant given that the corresponding U.S. Treasury curve bear flattened 26 bps. (Bear steepening is the widening of the yield curve caused by long-term rates increasing at a faster rate than short-term rates. Bear flattened is a yield-rate environment in which

short-term interest rates are increasing at a faster rate than long-term interest rates.) The municipal yield curve is now more than 2.5 times steeper than the U.S. Treasury curve.

During the same time period, on a relative basis, tax-exempt municipal bonds strongly outperformed U.S. Treasuries, driven by the front and intermediate portions of the yield curve. The relative positive performance of municipal bonds was driven largely by a supply/demand imbalance within the municipal market as investors sought income, incremental yield, and tax shelter in an environment where opportunities became increasingly scarce. The asset class is known for its lower relative volatility and preservation of principal with an emphasis on income as tax rates rise.

Financial Conditions of Municipal Issuers

The majority of municipal credits remain strong, despite well-publicized problems among a few issuers. Four of the five states with the largest amount of debt outstanding—California, New York, Texas and Florida—continue to exhibit improved credit fundamentals. However, several states with the largest unfunded pension liabilities are faced with elevated borrowing costs and difficult budgetary decisions. Across the country on the local level, property values support credit stability. Standard & Poor's recent decision to remove its negative outlook on New Mexico underscores the improvement in state finances as it was the only remaining state with the designation. Revenue bonds continue to drive performance as investors continue to seek higher yield bonds in the tobacco sector. BlackRock maintains the view that municipal bond defaults will remain minimal and in the periphery while the overall market is fundamentally sound. We continue to advocate careful credit research and believe that a thoughtful approach to structure and security selection remains imperative amid uncertainty in a modestly improving economic environment.

The opinions expressed are those of BlackRock as of January 31, 2019, and are subject to change at any time due to changes in market or economic conditions. The comments should not be construed as a recommendation of any individual holdings or market sectors. Investing involves risk including loss of principal. Bond values fluctuate in price so the value of your investment can go down depending on market conditions. Fixed income risks include interest-rate and credit risk. Typically, when interest rates rise, there is a corresponding decline in bond values. Credit risk refers to the possibility that the bond issuer will not be able to make principal and interest payments. There may be less information on the financial condition of municipal issuers than for public corporations. The market for municipal bonds may be less liquid than for taxable bonds. Some investors may be subject to Alternative Minimum Tax (AMT). Capital gains distributions, if any, are taxable.

The Standard & Poor's Municipal Bond Index, a broad, market value-weighted index, seeks to measure the performance of the U.S. municipal bond market. All bonds in the index are exempt from U.S. federal income taxes or subject to the AMT. Past performance is no guarantee of future results. Index performance is shown for illustrative purposes only. It is not possible to invest directly in an index.

The Benefits and Risks of Leveraging

The Funds may utilize leverage to seek to enhance the distribution rate on, and net asset value (NAV) of, their common shares (Common Shares). However, there is no guarantee that these objectives can be achieved in all interest rate environments.

In general, the concept of leveraging is based on the premise that the financing cost of leverage, which is based on short-term interest rates, is normally lower than the income earned by a Fund on its longer-term portfolio investments purchased with the proceeds from leverage. To the extent that the total assets of the Funds (including the assets obtained from leverage) are invested in higher-yielding portfolio investments, the Funds' shareholders 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.

To illustrate these concepts, assume a Fund's Common Shares capitalization is \$100 million and it utilizes leverage for an additional \$30 million, creating a total value of \$130 million available for investment in longer-term income securities. If prevailing short-term interest rates are 3% and longer-term interest rates are 6%, the yield curve has a strongly positive slope. In this case, a Fund's financing costs on the \$30 million of proceeds obtained from leverage are based on the lower short-term interest rates. At the same time, the securities purchased by a Fund with the proceeds from leverage earn income based on longer-term interest rates. In this case, a Fund's financing cost of leverage is significantly lower than the income earned on a Fund's longer-term investments acquired from such leverage proceeds, and therefore the holders of Common Shares (Common Shareholders) are the beneficiaries of the incremental net income.

However, in order to benefit Common Shareholders, the return on assets purchased with leverage proceeds must exceed the ongoing costs associated with the leverage. If interest and other costs of leverage exceed the Funds' return on assets purchased with leverage proceeds, income to shareholders is lower than if the Funds had not used leverage. 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 value of the Funds' obligations under their respective leverage arrangements generally does not fluctuate in relation to interest rates. As a result, changes in interest rates can influence the Funds' NAVs positively or negatively. Changes in the future direction of interest rates are very difficult to predict accurately, and there is no assurance that the Funds' intended leveraging strategy will be successful.

The use of leverage also generally causes greater changes in each Fund's NAV, market price and dividend rates than comparable portfolios without leverage. In a declining market, leverage is likely to cause a greater decline in the NAV and market price of a Fund's Common Shares than if the Fund were not leveraged. In addition, 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 the Fund to incur losses. The use of leverage may limit a Fund's ability to invest in certain types of securities or use certain types of hedging strategies. Each Fund incurs expenses in connection with the use of leverage, all of which are borne by Common Shareholders and may reduce income to the Common Shares. Moreover, to the extent the calculation of the Funds' investment advisory fees includes assets purchased with the proceeds of leverage, the investment advisory fees payable to the Funds' investment adviser will be higher than if the Funds did not use leverage.

To obtain leverage, each Fund has issued Variable Rate Demand Preferred Shares (VRDP Shares) or Variable Rate Muni Term Preferred Shares (VMTP Shares) (collectively, Preferred Shares) and/or leveraged its assets through the use of tender option bond trusts (TOB Trusts) as described in the Notes to Financial Statements.

Under the Investment Company Act of 1940, as amended (the 1940 Act), each Fund is permitted to issue debt up to 33 1/3% of its total managed assets or equity securities (e.g., Preferred Shares) up to 50% of its total managed assets. A Fund may voluntarily elect to limit its leverage to less than the maximum amount permitted under the 1940 Act. In addition, a Fund may also be subject to certain asset coverage, leverage or portfolio composition requirements imposed by the Preferred Shares governing instruments or by agencies rating the Preferred Shares, which may be more stringent than those imposed by the 1940 Act.

If a Fund segregates or designates on its books and records cash or liquid assets having a value not less than the value of a Fund's obligations under the TOB Trust (including accrued interest), then the TOB Trust is not considered a senior security and is not subject to the foregoing limitations and requirements imposed by the 1940 Act.

Derivative Financial Instruments

The Funds may invest in various derivative financial instruments. These instruments are used to obtain exposure to a security, commodity, index, market, and/or other assets without owning or taking physical custody of securities, commodities and/or other referenced assets or to manage market, equity, credit, interest rate, foreign currency exchange rate, commodity and/or other risks. Derivative financial instruments may give rise to a form of economic leverage and 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 instrument. The Funds' successful use of a derivative financial instrument depends on the investment adviser's ability to predict pertinent market movements accurately, which cannot be assured. The use of these instruments may result in losses greater than if they had not been used, may limit the amount of appreciation a Fund can realize on an investment and/or may result in lower distributions paid to shareholders. The Funds' investments in these instruments, if any, are discussed in detail in the Notes to Financial Statements.

Fund Summary as of January 31, 2019

BlackRock MuniHoldings California Quality Fund, Inc.**Fund Overview**

BlackRock MuniHoldings California Quality Fund, Inc. s (MUC) (the **Fund**) investment objective is to provide shareholders with current income exempt from U.S. federal income taxes and California personal income taxes. The Fund seeks to achieve its investment objective by investing primarily in municipal obligations exempt from U.S. federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax) and California personal 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 municipal obligations in which the Fund primarily invests are either rated investment grade quality, or are considered by the Fund s investment adviser to be of comparable 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.

Fund Information

Symbol on New York Stock Exchange (NYSE)	MUC
Initial Offering Date	February 27, 1998
Yield on Closing Market Price as of January 31, 2019 (\$12.80) ^(a)	4.45%
Tax Equivalent Yield ^(b)	9.69%
Current Monthly Distribution per Common Share ^(c)	\$0.0475
Current Annualized Distribution per Common Share ^(c)	\$0.5700
Economic Leverage as of January 31, 2019 ^(d)	41%

^(a) 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.

^(b) Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 54.1%, 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.

^(c) The distribution rate is not constant and is subject to change.

^(d) Represents VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP Shares and TOB Trusts, 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.

Performance

Returns for the six months ended January 31, 2019 were as follows:

	Returns Based On	
	<i>Market Price</i>	<i>NAV</i>
MUC ^{(a)(b)}	0.23%	0.71%

Lipper California Municipal Debt Funds ^(c)	2.77	0.80
---	------	------

- (a) All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- (b) The Fund's discount to NAV widened during the period, which accounts for the difference between performance based on market price and performance based on NAV.
- (c) Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Fund's absolute performance based on NAV:

After performing poorly through the first half of the period, municipal bonds recovered to post a positive total return for the full six months. The initial downturn was largely brought about by concerns that the Fed would raise interest rates aggressively in 2019. However, subsequent signs of slowing growth prompted investors to adjust their expectations in favor of more accommodative Fed policy, sparking a rally across the bond market from early November onward.

California municipal bonds lagged the national market. However, the state's debt gained a measure of support from strong demand among retail investors looking for tax-exempt income in a state with the country's most punitive income tax regime. The credit quality of state and local authorities remained consistent, but investors were alert for any changes in fiscal responsibility demonstrated by the new governor and his administration.

The Fund's positions in the school district, local tax-backed and transportation sectors contributed to performance. An overweight in the higher-grade AA and A rated credit categories, which outperformed BBB rated debt, also contributed to performance. The Fund's quality mandate restricts it from holding issues rated lower than BBB.

Income made a meaningful contribution to performance relative to price appreciation. The Fund's use of leverage augmented the contribution from income.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields fell, as prices rose, this strategy detracted from the Fund's return.

The Fund maintained exposure to bonds with longer maturities and shorter call dates that it purchased when yields were higher. While these bonds have above-average income, their lower interest-rate sensitivity hurt their performance in the past six months given the decline in prevailing yields. (Prices and yields move in opposite directions.)

An overweight to the long end of the yield curve detracted from performance, as bonds with maturities of 10 years and less generally outperformed longer-dated securities.

The views expressed reflect the opinions of BlackRock as of the date of this report and are subject to change based on changes in market, economic or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

Fund Summary as of January 31, 2019 (continued)

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

	<i>01/31/19</i>	<i>07/31/18</i>	<i>Change</i>	<i>High</i>	<i>Low</i>
Market Price	\$ 12.80	\$ 13.07	(2.07)%	\$ 13.26	\$ 12.10
Net Asset Value	14.79	15.03	(1.60)	15.03	14.45

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Total Investments*****SECTOR ALLOCATION**

<i>Sector</i>	<i>01/31/19</i>	<i>07/31/18</i>
County/City/Special District/School District	35%	37%
Health	20	19
Transportation	16	13
Utilities	15	16
Education	7	8
State	5	6
Tobacco	2	
Corporate		1

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

CALL/MATURITY SCHEDULE ^(c)

Calendar Year Ended December 31,	
2019	13%
2020	4
2021	13
2022	6
2023	8

- (c) Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.
 * Excludes short-term securities.

CREDIT QUALITY ALLOCATION ^(a)

<i>Credit Rating</i>	<i>01/31/19</i>	<i>07/31/18</i>
AAA/Aaa	13%	14%
AA/Aa	69	67
A	12	12
BBB/Baa	2	2
N/R	4	5 ^(b)

(a) For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either Standard & Poor's (S&P) or Moody's Investors Service (Moody's) if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.

(b) The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of July 31, 2018, the market value of unrated securities deemed by the investment adviser to be investment grade represented less than 1% of the Fund's total investments.

Fund Summary as of January 31, 2019

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 U.S. 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 U.S federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax) and New Jersey personal income taxes. The municipal obligations in which the Fund primarily invests are either rated investment grade quality, or are considered by the Fund s investment adviser to be of comparable quality, at the time of investment. 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.

Fund Information

Symbol on NYSE	MUJ
Initial Offering Date	March 11, 1998
Yield on Closing Market Price as of January 31, 2019 (\$12.99) ^(a)	4.85%
Tax Equivalent Yield ^(b)	10.01%
Current Monthly Distribution per Common Share ^(c)	\$0.0525
Current Annualized Distribution per Common Share ^(c)	\$0.6300
Economic Leverage as of January 31, 2019 ^(d)	40%

^(a) 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.

^(b) Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 51.55%, 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.

^(c) The distribution rate is not constant and is subject to change.

^(d) Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, 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.

Performance

Returns for the six months ended January 31, 2019 were as follows:

	Returns Based On	
	Market Price	NAV
MUJ ^{(a)(b)}	3.21%	1.89%

Lipper New Jersey Municipal Debt Funds ^(c)	4.02	1.61
---	------	------

- (a) All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- (b) The Fund's discount to NAV narrowed during the period, which accounts for the difference between performance based on market price and performance based on NAV.
- (c) Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Fund's absolute performance based on NAV:

After performing poorly through the first half of the period, municipal bonds recovered to post a positive total return for the full six months. The initial downturn was largely brought about by concerns that the Fed would raise interest rates aggressively in 2019. However, subsequent signs of slowing growth prompted investors to adjust their expectations in favor of more accommodative Fed policy, sparking a rally across the bond market from early November onward.

The credit ratings and yield spreads on New Jersey's debt continued to reflect the state's high unfunded pension liabilities. In addition, slowing revenues created challenges in balancing the state's budget for the 2020 fiscal year.

The Fund's positions in the state tax-backed, transportation and education sectors contributed to performance, while its allocation to the tobacco sector, while limited, detracted.

The Fund's allocation to higher-rated issues, which outpaced lower-quality bonds, aided results.

Income made a meaningful contribution to performance relative to price appreciation. The Fund's use of leverage augmented the contribution from income.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that U.S. Treasury yields fell, as prices rose, this strategy detracted from the Fund's return.

Reinvestment had an adverse effect on the Fund's income, as the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at lower prevailing rates.

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 Summary as of January 31, 2019 (continued)

BlackRock MuniHoldings New Jersey Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

	<i>01/31/19</i>	<i>07/31/18</i>	<i>Change</i>	<i>High</i>	<i>Low</i>
Market Price	\$ 12.99	\$ 12.90	0.70%	\$ 13.07	\$ 12.25
Net Asset Value	15.19	15.28	(0.59)	15.28	14.75

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Total Investments*****SECTOR ALLOCATION**

<i>Sector</i>	<i>01/31/19</i>	<i>07/31/18</i>
Transportation	27%	28%
Education	18	18
State	18	18
County/City/Special District/School District	14	14
Health	10	10
Housing	5	5
Utilities	3	3
Corporate	3	2
Tobacco	2	2

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

CALL/MATURITY SCHEDULE ^(c)

Calendar Year Ended December 31,	
2019	5%
2020	8
2021	16
2022	9
2023	9

- (c) Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.
 * Excludes short-term securities.

CREDIT QUALITY ALLOCATION ^(a)

<i>Credit Rating</i>	<i>01/31/19</i>	<i>07/31/18</i>
AAA/Aaa	7%	7%
AA/Aa	36	38
A	19	21
BBB/Baa	33	30
N/R	5 ^(b)	4

- (a) For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.
- (b) The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2019, the market value of unrated securities deemed by the investment adviser to be investment grade represents 2% of the Fund's total investments.

Fund Summary as of January 31, 2019

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 U.S. 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 U.S. federal income taxes (except that the interest may be subject to the U.S. federal alternative minimum tax). Under normal market conditions, the Fund invests primarily in long-term municipal obligations that are investment grade quality, or are considered by the Fund s investment adviser to be of comparable 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.

Fund Information

Symbol on NYSE	MFT
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of January 31, 2019 (\$13.10) ^(a)	5.40%
Tax Equivalent Yield ^(b)	9.12%
Current Monthly Distribution per Common Share ^(c)	\$0.0590
Current Annualized Distribution per Common Share ^(c)	\$0.7080
Economic Leverage as of January 31, 2019 ^(d)	43%

(a) 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.

(b) Tax equivalent yield assumes the maximum marginal U.S. federal tax rate of 40.8%, 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.

(c) The distribution rate is not constant and is subject to change.

(d) Represents VMTP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VMTP Shares and TOB Trusts, 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.

Performance

Returns for the six months ended January 31, 2019 were as follows:

	Returns Based	
	On	
	<i>Market Price</i>	<i>NAV</i>
MFT ^{(a)(b)}	3.41%	1.15%
Lipper General & Insured Municipal Debt Funds (Leveraged) ^(c)	2.46	0.94

- (a) All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- (b) The Fund's discount to NAV narrowed during the period, which accounts for the difference between performance based on market price and performance based on NAV.
- (c) Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Fund's absolute performance based on NAV:

After performing poorly through the first half of the period, municipal bonds recovered to post a positive total return for the full six months. The initial downturn was largely brought about by concerns that the Fed would raise interest rates aggressively in 2019. However, subsequent signs of slowing growth prompted investors to adjust their expectations in favor of more accommodative Fed policy, sparking a rally across the bond market from early November onward.

Income, which was enhanced by leverage, was the largest contributor to Fund performance. However, the cost of leverage became more expensive during the period due to the Fed's two interest rate increases.

Positions in short-dated maturities were top performers on a price basis, as yields fell the most for bond with maturities of ten years and below. (Prices and yields move in opposite directions.) Longer-dated maturities, while experiencing less price appreciation than short-term issues, provided the Fund with an attractive level of income.

At the sector level, positions in transportation issues—particularly higher-quality debt—were contributors. Conversely, an allocation to the tobacco sector was a slight detractor. The sector experienced yield spread widening, which led to poor performance relative to other market segments.

The Fund's higher-quality mandate proved beneficial given that higher-rated bonds outperformed in the period.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that U.S. Treasury yields fell, as prices rose, this strategy detracted from the Fund's return.

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 Summary as of January 31, 2019 (continued)

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

	<i>01/31/19</i>	<i>07/31/18</i>	<i>Change</i>	<i>High</i>	<i>Low</i>
Market Price	\$ 13.10	\$ 13.03	0.54%	\$ 13.15	\$ 11.84
Net Asset Value	13.67	13.90	(1.65)	13.90	13.41

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Total Investments*****SECTOR ALLOCATION**

<i>Sector</i>	<i>01/31/19</i>	<i>07/31/18</i>
Transportation	36%	34%
Utilities	15	18
Health	14	12
County/City/Special District/School District	14	16
State	8	9
Housing	6	4
Tobacco	3	2
Corporate	3	1
Education	1	4

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

CALL/MATURITY SCHEDULE ^(c)

Calendar Year Ended December 31,	
2019	15%
2020	4
2021	19
2022	2
2023	21

- (c) Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.
 * Excludes short-term securities.

CREDIT QUALITY ALLOCATION ^(a)

<i>Credit Rating</i>	<i>01/31/19</i>	<i>07/31/18</i>
AAA/Aaa	4%	5%
AA/Aa	50	54
A	27	23
BBB/Baa	13	12
N/R ^(b)	6	6

- (a) For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.
- (b) The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2019 and July 31, 2018, the market value of unrated securities deemed by the investment adviser to be investment grade each represents 1% of the Fund's total investments.

Fund Summary as of January 31, 2019

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 U.S. 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 U.S. federal income taxes (except that the interest may be subject to the U.S. 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, or are considered by the Fund s investment adviser to be of comparable 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.

Fund Information

Symbol on NYSE	MIY
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of January 31, 2019 (\$12.81) ^(a)	4.87%
Tax Equivalent Yield ^(b)	8.86%
Current Monthly Distribution per Common Share ^(c)	\$0.0520
Current Annualized Distribution per Common Share ^(c)	\$0.6240
Economic Leverage as of January 31, 2019 ^(d)	39%

^(a) 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.

^(b) Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 45.05%, 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.

^(c) The distribution rate is not constant and is subject to change.

^(d) Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, 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.

Performance

Returns for the six months ended January 31, 2019 were as follows:

	Returns Based	
	On	
	<i>Market Price</i>	<i>NAV</i>
MIY ^{(a)(b)}	1.85%	1.95%
Lipper Other States Municipal Debt Funds ^(c)	1.42	1.34

- (a) All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- (b) The Fund's discount to NAV widened during the period, which accounts for the difference between performance based on market price and performance based on NAV.
- (c) Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Fund's absolute performance based on NAV:

After performing poorly through the first half of the period, municipal bonds recovered to post a positive total return for the full six months. The initial downturn was largely brought about by concerns that the Fed would raise interest rates aggressively in 2019. However, subsequent signs of slowing growth prompted investors to adjust their expectations in favor of more accommodative Fed policy, sparking a rally across the bond market from early November onward.

Michigan municipal bonds outperformed the national market due to the state's improving economy and modest amount of new-issue supply. Michigan's economy continued to improve, and its unemployment rate was only slightly above the national average. In addition, its budget for the 2019 fiscal year was structurally balanced and featured a conservative revenue forecast.

Portfolio income, enhanced by leverage, made the largest contribution to Fund's return. The Fund's position in bonds with five- to 10-year maturities also contributed, as yields in this area declined. In contrast, yields for both short- and long-term issues were largely unchanged. (Prices and yields move in opposite directions.)

At the sector level, positions in transportation issues were key contributors to performance.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that U.S. Treasury yields fell, as prices rose, this strategy detracted from the Fund's return.

The Fund's allocation to lower-rated securities also hurt results given that yield spreads generally widened in 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 Summary as of January 31, 2019 (continued)

BlackRock MuniYield Michigan Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

	<i>01/31/19</i>	<i>07/31/18</i>	<i>Change</i>	<i>High</i>	<i>Low</i>
Market Price	\$ 12.81	\$ 12.89	(0.62)%	\$ 12.91	\$ 12.15
Net Asset Value	14.96	15.04	(0.53)	15.04	14.54

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Total Investments*****SECTOR ALLOCATION**

<i>Sector</i>	<i>01/31/19</i>	<i>07/31/18</i>
Health	24%	25%
Education	22	22
County/City/Special District/School District	18	18
State	17	13
Utilities	10	10
Housing	4	4
Transportation	3	6
Corporate	2	2

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

CALL/MATURITY SCHEDULE ^(c)

Calendar Year Ended December 31,	
2019	6%
2020	3
2021	17
2022	8
2023	15

- (c) Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.
 * Excludes short-term securities.

CREDIT QUALITY ALLOCATION ^(a)

<i>Credit Rating</i>	<i>01/31/19</i>	<i>07/31/18</i>
AAA/Aaa	2%	3%
AA/Aa	66	69
A	23	22
BBB/Baa	4	3
N/R	5	3 ^(b)

- (a) For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.
- (b) The investment adviser evaluates the credit quality of not-rated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of July 31, 2018, the market value of unrated securities deemed by the investment adviser to be investment grade represented less than 1% of the Fund's total investments.

Fund Summary as of January 31, 2019

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 U.S. 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 U.S. federal income taxes (except that the interest may be subject to the U.S. 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, or are considered by the Fund s investment adviser to be of comparable 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.

Fund Information

Symbol on NYSE	MPA
Initial Offering Date	October 30, 1992
Yield on Closing Market Price as of January 31, 2019 (\$13.19) ^(a)	4.82%
Tax Equivalent Yield ^(b)	8.59%
Current Monthly Distribution per Common Share ^(c)	\$0.0530
Current Annualized Distribution per Common Share ^(c)	\$0.6360
Economic Leverage as of January 31, 2019 ^(d)	41%

^(a) 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.

^(b) Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 43.87%, 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.

^(c) The distribution rate is not constant and is subject to change.

^(d) Represents VRDP Shares and TOB Trusts as a percentage of total managed assets, which is the total assets of the Fund, including any assets attributable to VRDP Shares and TOB Trusts, 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.

Performance

Returns for the six months ended January 31, 2019 were as follows:

	Returns Based	
	On	
	<i>Market Price</i>	<i>NAV</i>
MPA ^{(a)(b)}	2.03%	1.97%
Lipper Pennsylvania Municipal Debt Funds ^(c)	2.64	1.68

- (a) All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- (b) The Fund's discount to NAV narrowed during the period, which accounts for the difference between performance based on market price and performance based on NAV.
- (c) Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper.

Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

Past performance is not indicative of future results.

The following discussion relates to the Fund's absolute performance based on NAV:

After performing poorly through the first half of the period, municipal bonds recovered to post a positive total return for the full six months. The initial downturn was largely brought about by concerns that the Fed would raise interest rates aggressively in 2019. However, subsequent signs of slowing growth prompted investors to adjust their expectations in favor of more accommodative Fed policy, sparking a rally across the bond market from early November onward.

Pennsylvania bonds outperformed the national index as improving fundamentals and a decrease in new-issue supply led to tighter yield spreads. The budget season was less acrimonious than in years past, and the state made the first significant deposit into its rainy day fund since 2009.

The Fund's positions in the health care, school district and education sectors contributed to Fund performance. The Fund's allocation to higher-rated issues, which outpaced lower-quality bonds, also aided results.

Income made a meaningful contribution to performance relative to price appreciation. The Fund's use of leverage augmented the contribution from income.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that U.S. Treasury yields fell, as prices rose, this strategy detracted from the Fund's return.

Reinvestment had an adverse effect on the Fund's income, as the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at lower prevailing rates.

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 Summary as of January 31, 2019 (continued)

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

	<i>01/31/19</i>	<i>07/31/18</i>	<i>Change</i>	<i>High</i>	<i>Low</i>
Market Price	\$ 13.19	\$ 13.26	(0.53)%	\$ 13.34	\$ 12.30
Net Asset Value	15.18	15.27	(0.59)	15.27	14.70

Market Price and Net Asset Value History For the Past Five Years**Overview of the Fund's Total Investments*****SECTOR ALLOCATION**

<i>Sector</i>	<i>01/31/19</i>	<i>07/31/18</i>
Education	23%	23%
Health	22	18
County/City/Special District/School District	18	17
Transportation	13	13
State	9	13
Utilities	8	8
Housing	5	6
Corporate	1	2
Tobacco	1	

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

CALL/MATURITY SCHEDULE ^(d)

Calendar Year Ended December 31,	
2019	9%
2020	6
2021	12
2022	8
2023	5

- (d) Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.
 * Excludes short-term securities.

CREDIT QUALITY ALLOCATION^(a)

<i>Credit Rating</i>	<i>01/31/19</i>	<i>07/31/18</i>
AAA/Aaa	1%	1%
AA/Aa	48	53
A	35	34
BBB/Baa	6	8
BB/Ba		(b)
N/R ^(c)	10	4

- (a) For financial reporting purposes, credit quality ratings shown above reflect the highest rating assigned by either S&P or Moody's if ratings differ. These rating agencies are independent, nationally recognized statistical rating organizations and are widely used. Investment grade ratings are credit ratings of BBB/Baa or higher. Below investment grade ratings are credit ratings of BB/Ba or lower. Investments designated N/R are not rated by either rating agency. Unrated investments do not necessarily indicate low credit quality. Credit quality ratings are subject to change.
- (b) Represents less than 1% of the Fund's total investments.
- (c) The investment adviser evaluates the credit quality of unrated investments based upon certain factors including, but not limited to, credit ratings for similar investments and financial analysis of sectors and individual investments. Using this approach, the investment adviser has deemed certain of these unrated securities as investment grade quality. As of January 31, 2019 and July 31, 2018, the market value of unrated securities deemed by the investment adviser to be investment grade represents 2% and less than 1%, respectively, of the Fund's total investments.

Schedule of Investments (unaudited)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Municipal Bonds 111.8%		
California 111.8%		
Corporate 0.4%		
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%, 02/15/34	\$ 2,435	\$ 2,459,934
County/City/Special District/School District 32.2%		
California Municipal Finance Authority, RB, Orange County Civic Center Infrastructure Improvement Program, 5.00%, 06/01/43	2,000	2,270,920
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 08/01/21 ^(a)	9,120	10,076,232
Chabot-Las Positas Community College District, GO, Election of 2016, Series A, 4.00%, 08/01/47	1,500	1,549,110
Chaffey Joint Union High School District, GO, CAB, Election of 2012, Series C ^(b) : 0.00%, 08/01/32	250	157,338
0.00%, 08/01/33	500	297,535
0.00%, 08/01/34	510	290,277
0.00%, 08/01/35	545	296,126
0.00%, 08/01/36	500	258,725
0.00%, 08/01/37	650	321,074
0.00%, 08/01/38	625	294,575
0.00%, 08/01/39	750	336,188
0.00%, 08/01/40	1,855	791,529
0.00%, 08/01/41	305	123,961
0.00%, 02/01/42	350	138,936
City of Sacramento California Transient Occupancy Tax Revenue, RB, Convention Center Complex, Series A, 5.00%, 06/01/43	1,230	1,405,103
Coronado Community Development Agency Successor Agency, Refunding, Tax Allocation Bonds, Series A, 5.00%, 09/01/33	2,100	2,419,200
County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%, 02/01/19 ^(a)	3,500	3,500,000
County of Los Angeles California Public Works Financing Authority, Refunding RB, Series D, 5.00%, 12/01/45	1,430	1,595,923
County of Orange California Sanitation District, COP, Series A, 5.00%, 02/01/19 ^(a)	2,500	2,500,000
County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax, Measure K, Series A, 6.00%, 03/01/21 ^(a)	2,665	2,903,917
County of San Luis Obispo Community College District, GO, Refunding Series B, 4.00%, 08/01/43	3,555	3,656,922
County of Santa Clara California, GO, Election of 2008, Series B, 4.00%, 08/01/43	10,225	10,438,907
Fremont Union High School District, GO, Refunding, 4.00%, 08/01/40	2,500	2,587,250
Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 08/01/40	5,500	6,201,140
Gavilan Joint Community College District, GO, Election of 2004, Series D ^(a) :		

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

5.50%, 08/01/21	2,170	2,384,309
5.75%, 08/01/21	8,400	9,280,740
Glendale Community College District, GO, Election of 2016, Series A, 4.00%, 08/01/46	8,000	8,268,960
Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 07/15/21 ^(a)	2,000	2,221,420
Kern Community College District, GO, Safety Repair & Improvements, Series C:		
5.25%, 11/01/32	5,715	6,576,193
5.75%, 11/01/34	12,085	14,113,105
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
County/City/Special District/School District (continued)		
Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement:		
5.25%, 08/01/23 ^(a)	\$ 2,185	\$ 2,528,285
5.25%, 08/01/39	1,515	1,717,146
Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 08/01/20 ^(a)	11,000	11,562,430
Mount San Jacinto Community College District, GO, Series A, 5.00%, 08/01/35	3,565	4,128,377
Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM), 5.00%, 08/01/20 ^(a)	10,000	10,511,300
Rio Elementary School District, GO, Series A (AGM), 5.25%, 08/01/40	5,865	6,784,104
Riverside County Public Financing Authority, Tax Allocation Bonds, Series A (BAM), 4.00%, 10/01/40	2,545	2,578,390
San Benito High School District, GO, Election of 2016, 4.00%, 08/01/48	5,000	5,175,850
San Diego California Unified School District, GO, CAB, Election of 2008, Series K-2 ^(b) :		
0.00%, 07/01/38	2,755	1,316,284
0.00%, 07/01/39	3,340	1,525,111
0.00%, 07/01/40	4,285	1,873,188
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A,		
5.50%, 02/01/19 ^(a)	905	905,000
San Jose California Financing Authority, LRB, Convention Center Expansion & Renovation Project, Series A:		
5.75%, 05/01/36	2,560	2,567,526
5.75%, 05/01/42	4,500	4,859,730
San Jose California Financing Authority, Refunding LRB, Civic Center Project, Series A, 5.00%, 06/01/39	5,800	6,446,062
San Marcos Redevelopment Agency Successor Agency, Refunding, Tax Allocation Bonds, Series A:		
5.00%, 10/01/32	1,700	1,989,833
5.00%, 10/01/33	1,125	1,312,256
Santa Clarita Community College District, GO, Refunding, 4.00%, 08/01/46	10,000	10,300,400
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%, 09/01/19 ^(a)	5,635	5,771,198
Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%, 08/01/38	1,625	1,895,481
West Contra Costa California Unified School District, GO:		
Election of 2010, Series A (AGM), 5.25%, 08/01/21 ^(a)	5,390	5,889,437
Election of 2010, Series B, 5.50%, 08/01/39	3,195	3,664,218
Election of 2012, Series A, 5.50%, 08/01/39	2,500	2,867,150
		195,424,371

Education 5.5%

California Municipal Finance Authority, RB, Emerson College, 6.00%, 01/01/22 ^(a)	2,750	3,096,637
California Statewide Communities Development Authority, Refunding RB:		
CHF-Irvine LLC, 5.00%, 05/15/40	750	817,688
University of California, RB, Limited Project,		
Series M, 5.00%, 05/15/47	15,000	16,938,150
University of California, Refunding RB:		
Series AO, 5.00%, 05/15/40	5,430	6,173,693
Series AZ, 4.00%, 05/15/48	6,000	6,149,520
		33,175,688

Health 18.4%

ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 08/01/19 ^(a)	6,305	6,449,574
---	-------	-----------

Schedule of Investments (unaudited) (continued)

BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Health (continued)		
California Health Facilities Financing Authority, RB:		
Sutter Health, Series A, 5.00%, 11/15/35	\$ 1,960	\$ 2,254,020
Children s Hospital, Series A, 5.25%, 11/01/41	8,000	8,721,360
Lucile Slater Packard Children s Hospital at Stanford, Series A, 4.00%, 11/15/47	825	833,498
Providence Health Services, Series B, 5.50%, 10/01/39	4,130	4,229,987
Sutter Health, Series A, 4.00%, 11/15/42	450	456,309
Sutter Health, Series B, 6.00%, 08/15/20 ^(a)	9,655	10,306,906
California Health Facilities Financing Authority, Refunding RB:		
Dignity Health, Series A, 6.00%, 07/01/19 ^(a)	3,700	3,766,822
Providence Health and Services, Series A, 5.00%, 10/01/38	10,970	12,315,909
St. Joseph Health System, Series A, 5.00%, 07/01/37	10,000	11,010,800
Sutter Health, Series B, 5.00%, 11/15/46	8,295	9,213,174
California Municipal Finance Authority, Refunding RB, Community Medical Centers, Series A:		
5.00%, 02/01/37	3,110	3,437,327
5.00%, 02/01/42	5,250	5,733,630
California Statewide Communities Development Authority, RB:		
Green Bond, Marin General Hospital, 4.00%, 08/01/45	2,500	2,511,225
Huntington Memorial Hospital Project, 4.00%, 07/01/48	2,220	2,204,726
California Statewide Communities Development Authority, Refunding RB:		
Front Porch Communities and Services, 4.00%, 04/01/42	3,005	3,034,088
Front Porch Communities and Services, 4.00%, 04/01/47	2,655	2,658,558
Front Porch Communities and Services, 5.00%, 04/01/47	2,995	3,309,056
John Muir Health, Series A, 5.00%, 08/15/51	1,635	1,804,075
John Muir Health, Series A, 5.00%, 12/01/53	1,000	1,108,990
John Muir Health, Series A, 5.00%, 12/01/57	1,750	1,922,637
John Muir Health, Series A, 4.00%, 12/01/57	3,250	3,205,637
Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41	6,235	6,696,265
University of California Regents Medical Center Pooled Revenue, Refunding RB, Series L, 5.00%, 05/15/47	4,000	4,447,640
		111,632,213
State 8.4%		
State of California, GO:		
Various Purposes, 6.00%, 04/01/19 ^(a)	9,820	9,891,097
Various Purposes, 6.00%, 03/01/33	5,000	5,232,950
Various Purposes, 6.00%, 04/01/38	17,945	18,061,822
Refunding, 5.00%, 08/01/45	5,690	6,363,867
Refunding Veterans Bond, 4.00%, 12/01/40	4,000	4,047,560
State of California Public Works Board, LRB:		

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

Department of Education, Riverside Campus Project, Series B, 6.50%, 04/01/19 ^(a)	3,670	3,699,397
Various Capital Projects, Series I, 5.50%, 11/01/33	2,015	2,290,390
State of California Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31	1,205	1,326,319
		50,913,402
Tobacco 3.8%		
Golden State Tobacco Securitization Corp., Refunding RB: Asset-Backed, Series A (AGM), 5.00%, 06/01/40	9,765	11,062,476
Series A-1, 3.50%, 06/01/36	11,915	11,722,692
		22,785,168
	<i>Par</i>	
	<i>(000)</i>	<i>Value</i>
<i>Security</i>		
Transportation 21.0%		
Alameda Corridor Transportation Authority, Refunding RB, 2nd Subordinate Lien, Series B, 5.00%, 10/01/35	\$ 1,500	\$ 1,668,180
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge Subordinate, 4.00%, 04/01/42	5,000	5,122,300
California Municipal Finance Authority, ARB, Senior Lien, Linxs APM Project, AMT, 5.00%, 12/31/43	13,915	15,178,760
City & County of San Francisco California Airports Commission, ARB, Second Series E: 6.00%, 05/01/19 ^(a)	745	753,106
6.00%, 05/01/39	8,905	9,001,886
City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series A: 2nd, 5.00%, 05/01/29	6,435	7,008,230
San Francisco International Airport, 5.00%, 05/01/41	5,000	5,502,700
5.00%, 05/01/47	5,000	5,525,150
City of Los Angeles California Department of Airports, ARB: Los Angeles International Airport, Senior, Series D, 5.25%, 05/15/29	2,590	2,722,168
Senior Series A, AMT, 5.00%, 05/15/40	3,830	4,279,297
Series D, AMT, 5.00%, 05/15/35	2,000	2,255,400
Series D, AMT, 5.00%, 05/15/36	1,500	1,686,945
Sub-Series A, AMT, 5.00%, 05/15/47	6,725	7,475,039
City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport: 5.00%, 05/15/43	7,000	8,129,380
Senior, Series A, 5.00%, 05/15/40	3,000	3,114,690
Series A, 5.25%, 05/15/39	5,845	5,902,807
City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International Airport SJC, AMT: Series A, 5.00%, 03/01/41	3,075	3,410,636
Series A, 5.00%, 03/01/47	11,770	12,976,190
Series A-1, 5.25%, 03/01/23	3,785	4,047,338
Series A-1, 6.25%, 03/01/34	1,400	1,511,986
County of Sacramento California Airport System Revenue, Refunding ARB: Airport System Subordinate Revenue, Sub-Series B, 5.00%, 07/01/41	1,250	1,391,225
Senior Series A, 5.00%, 07/01/41	2,500	2,791,150
County of San Bernardino California Transportation Authority, RB, Series A,	4,545	5,200,071

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

5.25%, 03/01/40		
County of San Diego Regional Airport Authority, Refunding ARB, Subordinate, Series A, 5.00%, 07/01/42	4,275	4,828,142
Port of Los Angeles California Harbor Department, RB, Series B, 5.25%, 08/01/19 ^(a)	5,530	5,632,582
Port of Los Angeles California Harbor Department, Refunding RB, Series A, AMT, 5.00%, 08/01/44	500	555,095
		127,670,453
Utilities 22.1%		
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 04/01/21 ^(a)	2,200	2,383,282
City & County of San Francisco Public Utilities Commission Wastewater Revenue, Refunding RB, Sewer System, Series B, 4.00%, 10/01/42	3,000	3,061,320
City of Los Angeles California Department of Water & Power, RB, Power System, Series A, 5.00%, 07/01/42	8,825	10,019,287
City of Los Angeles California Department of Water & Power, Refunding RB, Water System, Series A, 5.25%, 07/01/39	16,000	17,002,720
City of Los Angeles California Wastewater System Revenue, Refunding RB, Sub-Series A: 5.00%, 06/01/20 ^(a)	1,325	1,385,235
5.00%, 06/01/28	675	703,681

SCHEDULES OF INVESTMENTS

17

Schedule of Investments (unaudited) (continued)

BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Utilities (continued)		
City of San Francisco California Public Utilities Commission Water Revenue, RB: Series A, 5.00%, 11/01/39	\$ 5,245	\$ 5,949,561
Series B, 5.00%, 11/01/19 ^(a)	10,000	10,258,500
County of Los Angeles Facilities Inc., RB, Vermont Corridor County Administration Building, Series A, 5.00%, 12/01/51	18,270	20,612,031
Dublin-San Ramon Services District Water Revenue, Refunding RB, 6.00%, 02/01/21 ^(a)	4,000	4,352,720
East Bay California Municipal Utility District Water System Revenue, RB, Green Bond, Series A: 5.00%, 06/01/42	5,000	5,747,550
4.00%, 06/01/45	4,585	4,745,796
5.00%, 06/01/45	5,500	6,296,070
El Dorado Irrigation District/El Dorado County Water Agency, Refunding RB, Series A (AGM), 5.25%, 03/01/39	10,000	11,379,600
San Diego Public Facilities Financing Authority Sewer, Refunding RB, Series A: Senior, 5.25%, 05/15/19 ^(a)	10,000	10,106,900
Senior, 5.25%, 05/15/19 ^(a)	1,060	1,071,331
5.00%, 08/01/43	9,655	11,136,270
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 02/01/33	7,325	8,021,901
		134,233,755
Total Municipal Bonds 111.8% (Cost \$655,829,646)		678,294,984
Municipal Bonds Transferred to Tender Option Bond Trusts^(c) 55.5%		
California 55.5%		
County/City/Special District/School District 26.1%		
County of Riverside California Public Financing Authority, RB, Capital Facilities Project, 5.25%, 11/01/45	10,000	11,538,600
County of San Luis California Obispo Community College District, GO, Refunding Election of 2014, Series A, 4.00%, 08/01/40	6,585	6,747,475
County of San Mateo California Community College District, GO, Election of 2014, Series A, 5.00%, 09/01/45	17,615	20,018,141
Foothill-De Anza Community College District, GO, Series C, 5.00%, 08/01/21 ^(a)	40,000	43,436,550
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 08/01/19 ^(a)	9,596	9,807,106
Palomar Community College District, GO, Election of 2006, Series C, 5.00%, 08/01/44	15,140	17,196,088
Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/43	9,990	11,259,296

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

Southwestern Community College District, GO, Election of 2008, Series D, 5.00%, 08/01/44	10,820	12,285,244
Visalia Unified School District, COP, (AGM), 4.00%, 05/01/48	8,493	8,542,149
West Valley-Mission Community College District, GO, Election of 2012, Series B, 4.00%, 08/01/40	17,000	17,689,265
		158,519,914
Education 5.8%		
University of California, RB: Series AM, 5.25%, 05/15/44	10,210	11,498,451
Series O, 5.75%, 05/15/19 ^(a)	11,193	11,323,672
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Education (continued)		
University of California, Refunding RB: Series A, 5.00%, 11/01/43	\$ 6,001	\$ 6,757,287
Series AF, 5.00%, 05/15/39	5,000	5,518,125
		35,097,535
Health 15.2%		
California Health Facilities Financing Authority, Refunding RB, Kaiser Permanent, Sub-Series A-2, 4.00%, 11/01/44	17,720	18,069,704
California Health Facilities Financing Authority, RB: Lucile Salter Packard Children s Hospital at Stanford, 5.00%, 11/15/56	6,000	6,565,760
Sutter Health, Series A, 5.00%, 08/15/52	14,520	15,581,194
California Health Facilities Financing Authority, Refunding RB: Lucile Salter Packard Children s Hospital, Series B, 5.00%, 08/15/55	4,500	4,921,594
Providence St. Joseph Health, Series A, 4.00%, 10/01/47	4,997	5,052,994
Sutter Health, Series A, 5.00%, 08/15/43	19,425	21,372,040
California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 04/01/42	19,070	20,417,868
		91,981,154
Transportation 5.8%		
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, 4.00%, 04/01/49 ^(d)	10,005	10,200,164
City of Los Angeles California Department of Airports, ARB, Series D, AMT, 5.00%, 05/15/41	13,331	14,881,346
City of Los Angeles California Department of Airports, RB, AMT: Los Angeles International Airport, Series B, 5.00%, 05/15/41	3,641	4,030,934
Senior Revenue, Series A, 5.00%, 05/15/40	5,500	6,144,050
		35,256,494
Utilities 2.6%		
City of Los Angeles California Wastewater System Revenue, RB, Green Bonds, Series A, 5.00%, 06/01/44	13,790	15,605,729
Total Municipal Bonds Transferred to Tender Option Bond Trusts 55.5% (Cost \$329,016,967)		336,460,826

Total Investments 167.3%		
(Cost \$984,846,613)		1,014,755,810
		<i>Shares</i>
Short-Term Securities 0.2%		
BlackRock Liquidity Funds California Money Fund, Institutional Class, 1.22% ^{(e)(f)}	1,364,058	1,364,331
Total Short-Term Securities 0.2%		
(Cost \$1,364,331)		1,364,331
Total Investments 167.5%		
(Cost \$986,210,944)		1,016,120,141
Other Assets Less Liabilities 2.1%		12,437,813
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (27.7)%		(167,982,744)
VMTP Shares, at Liquidation Value, Net of Deferred (41.9)%		(254,000,000)
Net Assets Applicable to Common Shares 100.0%		\$ 606,575,210

Schedule of Investments (unaudited) (continued)

BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)

January 31, 2019

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Zero-coupon bond.
- (c) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (d) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreement, which expires on April 1, 2025, is \$6,875,658. See Note 4 of the Notes to Financial Statements for details.
- (e) Annualized 7-day yield as of period end.
- (f) During the six months ended January 31, 2019, investments in issuers considered to be affiliates of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

<i>Affiliate</i>	<i>Shares at 07/31/18</i>	<i>Net Activity</i>	<i>Shares at 01/31/19</i>	<i>Value at 01/31/19</i>	<i>Net Realized Income</i>	<i>Gain (Loss)</i>	<i>Change in Unrealized Appreciation (Depreciation)</i>
BlackRock Liquidity Funds California Money Fund, Institutional Class		1,364,058	1,364,058	\$ 1,364,331	\$ 23,416	\$	\$
BlackRock Liquidity Funds, MuniCash, Institutional Class*					9,013	(1)	
				\$ 1,364,331	\$ 32,429	\$ (1)	\$

* No longer held by the Fund as of period end.

(a) Includes net capital gain distributions, if applicable.

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

Derivative Financial Instruments Outstanding as of Period End**Futures Contracts**

<i>Description</i>	<i>Number of Contracts</i>	<i>Expiration Date</i>	<i>Notional Amount (000)</i>	<i>Value/ Unrealized Appreciation (Depreciation)</i>
--------------------	----------------------------	------------------------	------------------------------	--

Short Contracts:

10-Year U.S. Treasury Note	117	03/20/19	\$ 14,329	\$ (127,266)
Long U.S. Treasury Bond	275	03/20/19	40,339	(1,742,733)
5-Year U.S. Treasury Note	47	03/29/19	5,398	(58,065)
				\$ (1,928,064)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

	<i>Foreign</i>						<i>Total</i>
				<i>Currency</i>	<i>Interest</i>		
	<i>Commodity</i>	<i>Credit</i>	<i>Equity</i>	<i>Exchange</i>	<i>Rate</i>	<i>Other</i>	
	<i>Contract</i>	<i>Contracts</i>	<i>Contracts</i>	<i>Contracts</i>	<i>Contracts</i>	<i>Contracts</i>	
Liabilities Derivative Financial Instruments							
Futures contracts							
Net unrealized depreciation ^(a)	\$	\$	\$	\$	\$ 1,928,064	\$	\$ 1,928,064

^(a) Includes cumulative appreciation (depreciation) on futures contracts if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities. For the six months ended January 31, 2019, the effect of derivative financial instruments in the Statements of Operations was as follows:

	<i>Foreign</i>						<i>Total</i>
				<i>Currency</i>	<i>Interest</i>		
	<i>Commodity</i>	<i>Credit</i>	<i>Equity</i>	<i>Exchange</i>	<i>Rate</i>	<i>Other</i>	
	<i>Contract</i>	<i>Contracts</i>	<i>Contracts</i>	<i>Contracts</i>	<i>Contracts</i>	<i>Contracts</i>	
Net Realized Gain (Loss) from:							
Futures contracts	\$	\$	\$	\$	\$ 593,924	\$	\$ 593,924
Net Change in Unrealized Appreciation (Depreciation) on:							
Futures contracts	\$	\$	\$	\$	\$ (2,308,745)	\$	\$ (2,308,745)

SCHEDULES OF INVESTMENTS

Schedule of Investments (unaudited) (continued)

BlackRock MuniHoldings California Quality Fund, Inc.
(MUC)

January 31, 2019

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short \$ 45,623,090

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments, For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Assets:				
Investments:				
Long-Term Investments ^(a)	\$	\$ 1,014,755,810	\$	\$ 1,014,755,810
Short-Term Securities	1,364,331			1,364,331
	\$ 1,364,331	\$ 1,014,755,810	\$	\$ 1,016,120,141
Derivative Financial Instruments ^(b)				
Liabilities:				
Interest rate contracts	\$ (1,928,064)	\$	\$	\$ (1,928,064)

^(a) See above Schedule of Investments for values in each sector.

^(b) Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Liabilities:				

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

TOB Trust Certificates	\$	\$ (167,017,593)	\$	\$ (167,017,593)
VMTP Shares at Liquidation Value		(254,000,000)		(254,000,000)
	\$	\$ (421,017,593)	\$	\$ (421,017,593)

During the six months ended January 31, 2019, there were no transfers between levels.

See notes to financial statements.

Schedule of Investments (unaudited)

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

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Municipal Bonds 139.3%		
New Jersey 139.3%		
Corporate 4.1%		
New Jersey EDA, RB, Series B:		
Provident Group-Kean Properties, Series A, 5.00%, 07/01/47	\$ 795	\$ 836,849
State House Project, Remark 10, 5.00%, 06/15/43	1,235	1,297,750
New Jersey EDA, Refunding RB:		
Duke Farms Foundation Project, 4.00%, 07/01/46	2,770	2,878,473
New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39	7,500	7,655,925
New Jersey American Water Co., Inc. Project, Series B, AMT, 5.60%, 11/01/34	3,150	3,266,550
Provident Group-Montclair Properties LLC (AGM), 5.00%, 06/01/42	810	883,605
New Jersey EDA, RB, Reunding, 5.00%, 11/01/19	2,000	2,044,200
		18,863,352
County/City/Special District/School District 16.6%		
Borough of Edgewater New Jersey Board of Education, GO, Refunding, (AGM) ^(a) :		
4.25%, 03/01/20	3,135	3,221,119
4.30%, 03/01/20	1,670	1,716,760
Casino Reinvestment Development Authority, Refunding RB:		
5.25%, 11/01/39	11,130	11,842,543
5.25%, 11/01/44	3,755	3,989,462
City of Bayonne New Jersey, GO, Refunding, Qualified General Improvement (BAM), 5.00%, 07/01/39	3,340	3,671,228
City of Perth Amboy New Jersey, GO, CAB, Refunding (AGM):		
5.00%, 07/01/32	2,210	2,213,558
5.00%, 07/01/33	670	671,072
5.00%, 07/01/35	595	595,958
5.00%, 07/01/37	705	706,086
County of Essex New Jersey, GO, Vocational School, Series B, 3.00%, 09/01/46	2,700	2,333,529
County of Essex New Jersey Improvement Authority, Refunding RB, Project Consolidation (NPFGC):		
5.50%, 10/01/27	250	311,805
5.50%, 10/01/28	4,840	6,097,868
County of Hudson New Jersey Improvement Authority, RB, CAB, Series A-1 (NPFGC), 0.00%, 12/15/32 ^(b)	1,000	638,700
County of Middlesex New Jersey Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 09/01/30	500	501,500
County of Monmouth New Jersey Improvement Authority, Refunding RB, Governmental Loan (AMBAC), 5.00%, 12/01/19	5	5,013

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

County of Union New Jersey, GO, Refunding ^(a) :		
4.00%, 03/01/21	225	235,221
4.00%, 03/01/21	11,200	11,732,224
County of Union New Jersey Utilities Authority, Refunding RB, Resources Recovery Facility, Covanta Union, Inc., AMT, Series A,		
5.25%, 12/01/31	650	705,107
Ewing Township Board of Education, GO:		
4.00%, 07/15/38	1,470	1,522,670
4.00%, 07/15/39	1,330	1,371,190
New Jersey EDA, RB:		
Motor Vehicle Surcharge, Series A,		
5.25%, 07/01/26 ^(c)	1,415	1,726,894
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/25 ^(c)	535	641,577
Series EEE, 5.00%, 06/15/43	5,395	5,669,120
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
County/City/Special District/School District (continued)		
New Jersey Sports & Exposition Authority, Refunding RB, (NPFGC) ^(c) :		
5.50%, 03/01/21	\$ 7,430	\$ 7,993,640
5.50%, 03/01/22	4,200	4,665,444
Township of Irvington New Jersey, GO, Refunding Series A (AGM), 5.00%, 07/15/33	1,175	1,316,717
		76,096,005
Education 25.4%		
County of Gloucester New Jersey Improvement Authority, RB, Rowan University General Capital Improvement Projects:		
5.00%, 07/01/44	1,985	2,192,770
Series A, 5.00%, 07/01/31	1,950	2,205,976
Series A, 5.00%, 07/01/32	1,775	2,003,567
Series A, 5.00%, 07/01/33	2,250	2,532,690
Series A, 5.00%, 07/01/34	1,200	1,347,780
New Jersey EDA, LRB, Rutgers The State University of New Jersey, College Avenue Redevelopment Project, 5.00%, 06/15/33	3,065	3,409,537
New Jersey EDA, RB, Series A:		
Foundation Academy Charter School Project, 5.00%, 07/01/38	190	199,606
Foundation Academy Charter School Project, 5.00%, 07/01/50	495	515,191
Provident Group Rowan Properties LLC, 5.00%, 01/01/35	2,000	2,115,020
Provident Group Rowan Properties LLC, 5.00%, 01/01/48	2,000	2,077,580
New Jersey EDA, Refunding RB, Provident Group-Monteclair Properites LLC (AGM), 5.00%, 06/01/37	3,990	4,406,676
New Jersey Educational Facilities Authority, RB:		
Higher Educational Capital Improvement Fund, Series A, 4.00%, 09/01/28	9,705	10,058,165
Higher Educational Capital Improvement Fund, Series A, 5.00%, 09/01/33	5,370	5,715,828
Rider University Issue, Series F, 4.00%, 07/01/42	2,365	2,224,259
Rider University Issue, Series F, 5.00%, 07/01/47	2,185	2,314,024
New Jersey Educational Facilities Authority, Refunding RB:		
Montclair State University, Series A,		
5.00%, 07/01/39	15,555	17,195,275
Montclair State University, Series A,		
5.00%, 07/01/44	3,540	3,892,832

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

New Jersey Institute of Technology, Series H, 5.00%, 07/01/31	4,000	4,152,800
Princeton University, Series I, 5.00%, 07/01/34	3,295	3,905,135
Seton Hall University, Series D, 5.00%, 07/01/38	500	551,415
Seton Hall University, Series D, 5.00%, 07/01/43	600	658,542
Stevens Institute of Technology, Series A, 4.00%, 07/01/47	1,145	1,162,965
Stockton University, Series A, 5.00%, 07/01/41	1,770	1,909,529
William Paterson University (AGC), 5.00%, 07/01/28	20	20,046
William Paterson University (AGC), 4.75%, 07/01/34	380	380,688
New Jersey Higher Education Student Assistance Authority, RB, AMT, Student Loan:		
Senior Series 1A, 4.00%, 12/01/28	855	885,652
Senior Series 1A, 4.50%, 12/01/28	1,975	2,073,928
Senior Series 1A, 4.00%, 12/01/29	4,520	4,674,177
Senior Series 1A, 4.00%, 12/01/29	565	582,571
Senior Series 1A, 4.50%, 12/01/29	2,475	2,587,142
Senior Series 1A, 4.63%, 12/01/30	2,425	2,537,690
Senior Series 1A, 4.00%, 12/01/31	925	942,048
Senior Series 1A, 4.25%, 12/01/32	1,625	1,674,969
Senior Series 1A, 4.13%, 12/01/35	565	573,469
Senior Series 1A, 4.50%, 12/01/36	1,430	1,480,708
Sub-Series C, 4.00%, 12/01/48	1,760	1,717,936

SCHEDULES OF INVESTMENTS

21

Schedule of Investments (unaudited) (continued)

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

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Education (continued)		
New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT:		
5.38%, 12/01/24	\$ 675	\$ 716,762
5.50%, 12/01/26	810	858,325
New Jersey Institute of Technology, RB, Series A:		
5.00%, 07/01/22 ^(a)	2,120	2,352,182
5.00%, 07/01/42	4,825	5,202,363
5.00%, 07/01/45	7,500	8,451,675
Rutgers The State University of New Jersey, Refunding RB, Series L, 5.00%, 05/01/30	1,565	1,738,527
		116,198,020
Health 15.8%		
County of Camden New Jersey Improvement Authority, Refunding RB, Cooper Healthcare System, Series A, 5.00%, 02/15/33	2,000	2,153,500
New Jersey EDA, RB, Reunding Cranes Mill Project:		
5.00%, 01/01/34	675	736,364
5.00%, 01/01/39	675	722,898
5.00%, 01/01/49	1,355	1,431,937
New Jersey Health Care Facilities Financing Authority, RB:		
Inspira Health Obligated Group,		
5.00%, 07/01/42	2,270	2,519,587
Robert Wood Johnson University Hospital, Series A, 5.50%, 07/01/43	7,105	7,882,713
Virtua Health, Series A (AGC), 5.50%, 07/01/38	4,035	4,094,194
New Jersey Health Care Facilities Financing Authority, Refunding RB:		
AHS Hospital Corp., 5.50%, 07/01/21 ^(a)	4,055	4,415,003
AHS Hospital Corp., 6.00%, 07/01/21 ^(a)	4,180	4,600,216
AHS Hospital Corp., 4.00%, 07/01/41	1,600	1,622,736
Catholic Health East Issue, 5.00%, 11/15/33	1,925	2,028,584
Hackensack University Medical Center (AGM), 4.63%, 01/01/20 ^(a)	7,795	8,000,242
Meridian Health System Obligated Group, 5.00%, 07/01/25	1,000	1,100,780
Meridian Health System Obligated Group, 5.00%, 07/01/26	3,720	4,088,429
Princeton Healthcare System,		
5.00%, 07/01/34	1,330	1,503,605
Princeton Healthcare System,		
5.00%, 07/01/39	1,825	2,027,374
RWJ Barnabas Health Obligated Group, Series A, 4.00%, 07/01/43	1,865	1,903,344
RWJ Barnabas Health Obligated Group, Series A, 5.00%, 07/01/43	3,080	3,447,321
St. Barnabas Health Care System, Series A, 5.00%, 07/01/21 ^(a)	3,640	3,915,948
St. Barnabas Health Care System, Series A, 5.63%, 07/01/21 ^(a)	9,310	10,152,369
Virtua Health, 5.00%, 07/01/28	3,000	3,376,830

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

Virtua Health, 5.00%, 07/01/29	715	801,987
		72,525,961
Housing 7.6%		
County of Atlantic New Jersey Improvement Authority, RB, Stockton University Atlantic City, Series A (AGM), 4.00%, 07/01/46	1,300	1,326,949
New Jersey Housing & Mortgage Finance Agency, RB: Capital Fund Program, Series A (AGM), 5.00%, 05/01/27	4,300	4,310,449
M/F Housing, Series A, 4.55%, 11/01/43	4,710	4,805,848
S/F Housing, Series B, 4.50%, 10/01/30	8,560	8,885,451
New Jersey Housing & Mortgage Finance Agency, Refunding RB: M/F Housing, Series 2, AMT, 4.60%, 11/01/38	3,120	3,211,603
M/F Housing, Series 2, AMT, 4.75%, 11/01/46	3,795	3,895,454
M/F Housing, Series A, 4.00%, 11/01/48	370	370,796
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Housing (continued)		
M/F Housing, Series A, 4.10%, 11/01/53	\$ 220	\$ 221,276
S/F Housing, Series A, 3.75%, 10/01/35	6,295	6,336,484
Series D, AMT, 4.25%, 11/01/37	490	501,015
Series D, AMT, 4.35%, 11/01/42	1,000	1,010,470
		34,875,795
State 24.0%		
Garden State Preservation Trust, RB, CAB, Series B (AGM) ^(b) : 0.00%, 11/01/23	15,725	14,089,285
0.00%, 11/01/25	10,000	8,435,300
Garden State Preservation Trust, Refunding RB, Series C (AGM): 5.25%, 11/01/20	5,000	5,278,400
5.25%, 11/01/21	7,705	8,354,532
New Jersey EDA, RB: CAB, Motor Vehicle Surcharge, Series A (NPFGC), 0.00%, 07/01/21 ^(b)	2,325	2,185,802
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/25	4,465	5,144,975
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/24	1,785	2,025,065
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/26	6,085	7,080,445
School Facilities Construction, Series KK, 5.00%, 03/01/38	325	336,482
Series WW, 5.25%, 06/15/33	380	412,885
Series WW, 5.00%, 06/15/34	5,500	5,872,955
Series WW, 5.00%, 06/15/36	3,115	3,304,517
Series WW, 5.25%, 06/15/40	8,375	8,875,574
New Jersey EDA, Refunding RB: Cigarette Tax, 5.00%, 06/15/24	5,000	5,380,650
Cigarette Tax, 5.00%, 06/15/26	1,250	1,337,663
Cigarette Tax, 5.00%, 06/15/28	2,430	2,583,527
Cigarette Tax, 5.00%, 06/15/29	3,195	3,388,425
School Facilities Construction, Series N-1 (NPFGC), 5.50%, 09/01/27	1,000	1,194,440
School Facilities Construction, Series NN, 5.00%, 03/01/29	5,000	5,337,250
Sub Series A, 5.00%, 07/01/33	3,875	4,175,080
Sub Series A, 4.00%, 07/01/34	8,800	8,650,576

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

Sub-Series A, 4.00%, 07/01/32	5,000	4,989,550
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 06/15/19 ^(a)	1,580	1,600,682
		110,034,060
Tobacco 3.5%		
Tobacco Settlement Financing Corp., Refunding RB:		
Series A, 5.25%, 06/01/46	1,960	2,072,347
Sub-Series B, 5.00%, 06/01/46	13,815	13,756,977
		15,829,324
Transportation 36.7%		
Delaware River Port Authority, RB:		
5.00%, 01/01/29	2,000	2,242,340
5.00%, 01/01/37	8,830	9,727,658
Series D, 5.05%, 01/01/20 ^(a)	1,430	1,473,758
Series D (AGM), 5.00%, 01/01/20 ^(a)	5,200	5,356,832
New Brunswick Parking Authority, Refunding RB, City Guaranteed, Series B (AGM), 3.00%, 09/01/39	2,500	2,260,825
New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity Bond:		
5.38%, 01/01/43	7,730	8,302,406
5.13%, 01/01/34	2,290	2,463,903
New Jersey State Turnpike Authority, RB:		
Series A, 5.00%, 01/01/35	1,440	1,643,558
Series E, 5.00%, 01/01/45	8,000	8,787,440

Schedule of Investments (unaudited) (continued)

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

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Transportation (continued)		
New Jersey State Turnpike Authority, Refunding RB:		
Series A (AGM), 5.25%, 01/01/29	\$ 4,000	\$ 5,003,880
Series A (AGM), 5.25%, 01/01/30	4,000	5,024,480
Series A (BHAC), 5.25%, 01/01/29	500	628,000
Series B, 5.00%, 01/01/34	2,300	2,670,852
Series G, 5.00%, 01/01/36	5,000	5,755,400
Series G, 4.00%, 01/01/43	3,320	3,389,853
New Jersey Transportation Trust Fund Authority, RB:		
CAB, Transportation System, Series A, 0.00%, 12/15/35 ^(b)	6,000	2,832,900
CAB, Transportation System, Series C (AGM), 0.00%, 12/15/32 ^(b)	8,800	5,207,752
CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 ^(b)	4,160	2,003,414
CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/36 ^(b)	7,210	3,290,356
Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 06/15/30	2,250	2,502,833
Transportation Program, Series AA, 5.00%, 06/15/33	3,000	3,121,200
Transportation Program, Series AA, 5.25%, 06/15/33	5,690	6,051,599
Transportation Program, Series AA, 5.25%, 06/15/34	1,305	1,411,775
Transportation Program, Series AA, 5.00%, 06/15/38	2,340	2,452,999
Transportation System, Series A, 6.00%, 06/15/35	6,365	6,804,885
Transportation System, Series A, 5.00%, 06/15/42	5,000	5,144,550
Transportation System, Series A (NPFGC), 5.75%, 06/15/24	1,205	1,398,439
Transportation System, Series B, 5.25%, 06/15/36	2,500	2,605,825
Transportation System, Series D, 5.00%, 06/15/32	3,300	3,531,330
New Jersey Transportation Trust Fund Authority, Refunding RB, Series A:		
Federal Highway Reimbursement, 5.00%, 06/15/31	6,730	7,439,813
Transportation System, 5.00%, 12/15/32	4,285	4,671,378
Transportation System, 5.00%, 12/15/35	2,435	2,627,633
New Jersey Turnpike Authority, Refunding RB:		
Series B, 5.00%, 01/01/40	9,740	11,016,719
Series E, 5.00%, 01/01/32	3,715	4,358,549

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

Port Authority of New York & New Jersey, ARB:		
Consolidated, 93rd Series, 6.13%, 06/01/94	1,000	1,185,120
Special Project, JFK International Air Terminal LLC Project, Series 6, AMT (NPFGC), 5.75%, 12/01/25	3,000	3,121,410
Special Project, JFK International Air Terminal LLC Project, Series 8, 6.00%, 12/01/42	4,000	4,234,080
Port Authority of New York & New Jersey, Refunding ARB, AMT:		
178th Series, 5.00%, 12/01/33	4,005	4,439,983
Consolidated, 206th Series, 5.00%, 11/15/42	3,110	3,467,339
Consolidated, 206th Series, 5.00%, 11/15/47	3,475	3,860,378
South Jersey Port Corp., Refunding ARB, Marine Terminal, Series B:		
5.00%, 01/01/42	3,000	3,185,880
5.00%, 01/01/48	1,500	1,586,070
		168,285,394
Utilities 5.6%		
County of Essex New Jersey Utilities Authority, Refunding RB, (AGC), 4.13%, 04/01/22	2,000	2,007,100
North Hudson New Jersey Sewerage Authority, Refunding RB, Series A (NPFGC), 5.13%, 08/01/20 ^(c)	6,045	6,342,233
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) ^(b) :		
0.00%, 09/01/26	4,100	3,394,103
0.00%, 09/01/28	6,600	5,095,662
0.00%, 09/01/29	9,650	7,176,608
0.00%, 09/01/33	2,350	1,477,375
		25,493,081
Total Municipal Bonds 139.3%		
(Cost \$608,368,629)		638,200,992
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Municipal Bonds Transferred to Tender Option Bond Trusts^(d) 25.1%		
New Jersey 25.1%		
County/City/Special District/School District 5.9%		
County of Union New Jersey Utilities Authority, Refunding RB, Series A, AMT:		
County Deficiency Agreement,		
5.00%, 06/15/41	\$ 7,573	\$ 8,070,210
Resource Recovery Facility, Covanta Union, Inc., 5.25%, 12/01/31	17,300	18,750,000
		26,820,210
Education 3.5%		
Rutgers The State University of New Jersey, Refunding RB:		
Series F, 5.00%, 05/01/19 ^(a)	4,998	5,038,238
Series L, 5.00%, 05/01/43	10,000	11,059,500
		16,097,738
Health 1.4%		
New Jersey Health Care Facilities Financing Authority, RB, Inspira Health Obligated Group, 4.00%, 07/01/47		
	6,133	6,228,960

State 4.8%		
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%, 11/01/28	12,460	15,024,392
New Jersey EDA, Refunding RB, School Facilities Construction, Series NN, 5.00%, 03/01/29 ^(e)	6,698	7,149,933
		22,174,325
Transportation 9.5%		
County of Hudson New Jersey Improvement Authority, RB, Hudson County Vocational-Technical Schools Project, 5.25%, 05/01/51	3,120	3,506,755
New Jersey State Turnpike Authority, RB, Series A, 5.00%, 07/01/22 ^{(a)(e)}	9,300	10,282,685
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 06/15/36 ^(e)	2,661	2,772,992
Port Authority of New York & New Jersey, Refunding ARB, Consolidated, AMT: 163rd Series, 5.00%, 07/15/39	15,545	16,181,843
169th Series, 5.00%, 10/15/41	10,000	10,642,350
		43,386,625
Total Municipal Bonds Transferred to Tender Option Bond Trusts 25.1% (Cost \$108,249,196)		114,707,858
Total Long-Term Investments 164.4% (Cost \$716,617,825)		752,908,850
		<i>Shares</i>
Short-Term Securities 0.2%		
BlackRock Liquidity Funds, MuniCash, Institutional Class, 1.24% ^{(f)(g)}	825,609	825,774
Total Short-Term Securities 0.2% (Cost \$825,691)		825,774
Total Investments 164.6% (Cost \$717,443,516)		753,734,624
Other Assets Less Liabilities 0.8%		3,879,896
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (13.7)%		(62,941,273)
VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (51.7)%		(236,637,459)
Net Assets Applicable to Common Shares 100.0%		\$ 458,035,788

Schedule of Investments (unaudited) (continued)

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

January 31, 2019

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Zero-coupon bond.
- (c) Security is collateralized by municipal bonds or U.S. Treasury obligations.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (e) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire between June 15, 2019 to September 1, 2020, is \$13,916,017. See Note 4 of the Notes to Financial Statements for details.
- (f) Annualized 7-day yield as of period end.
- (g) During the six months ended January 31, 2019, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at 07/31/18	Net Activity	Shares Held at 01/31/19	Value at 01/31/19	Income	Change in Net Unrealized Appreciation	
						Realized Gain (Loss)	Depreciation
BlackRock Liquidity Funds, MuniCash, Institutional Class	1,217,685	(392,076)	825,609	\$ 825,774	\$ 24,551	\$ 237	\$ 83

(a) Includes net capital gain distributions, if applicable.

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

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
Short Contracts:				
10-Year U.S. Treasury Note	152	03/20/19	\$ 18,615	\$ (424,738)

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

Long U.S. Treasury Bond	186	03/20/19	27,284	(1,178,433)
5-Year U.S. Treasury Note	69	03/29/19	7,925	(138,767)
				\$ (1,741,938)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Liabilities	Derivative Financial Instruments							Total
	<i>Foreign</i>				<i>Interest</i>			
	<i>Commodity</i>	<i>Credit</i>	<i>Equity</i>	<i>Exchange</i>	<i>Rate</i>	<i>Other</i>		
Futures contracts								
Net unrealized depreciation ^(a)	\$	\$	\$	\$	\$ 1,741,938	\$	\$ 1,741,938	

^(a) Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities. For the six months ended January 31, 2019, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from:	Derivative Financial Instruments							Total
	<i>Foreign</i>				<i>Interest</i>			
	<i>Commodity</i>	<i>Credit</i>	<i>Equity</i>	<i>Exchange</i>	<i>Rate</i>	<i>Other</i>		
Futures contracts	\$	\$	\$	\$	\$ 473,575	\$	\$ 473,575	
Net Change in Unrealized Appreciation (Depreciation) on:								
Futures contracts	\$	\$	\$	\$	\$ (1,896,764)	\$	\$ (1,896,764)	

Schedule of Investments (unaudited) (continued)

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

January 31, 2019

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts – short \$ 38,326,000

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Assets:				
Investments:				
Long-Term Investments ^(a)	\$	\$ 752,908,850	\$	\$ 752,908,850
Short-Term Securities	825,774			825,774
	\$ 825,774	\$ 752,908,850	\$	\$ 753,734,624
Derivative Financial Instruments ^(b)				
Liabilities:				
Interest rate contracts	\$ (1,741,938)	\$	\$	\$ (1,741,938)

^(a) See above Schedule of Investments for values in each sector.

^(b) Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Liabilities:				

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

TOB Trust Certificates	\$	\$ (62,747,370)	\$	\$ (62,747,370)
VRDP Shares at Liquidation Value		(237,100,000)		(237,100,000)
	\$	\$ (299,847,370)	\$	\$ (299,847,370)

During the six months ended January 31, 2019, there were no transfers between levels.

See notes to financial statements.

SCHEDULES OF INVESTMENTS

25

Schedule of Investments (unaudited)

BlackRock MuniYield Investment Quality Fund (MFT)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Municipal Bonds 127.4%		
Alabama 4.2%		
City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital (AGC) ^(a) :		
6.00%, 06/01/19	\$ 2,985	\$ 3,026,103
6.13%, 06/01/19	1,500	1,521,270
City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series A, 5.38%, 12/01/35	350	376,177
		4,923,550
Arizona 0.2%		
County of Maricopa IDA, Refunding RB, Honorhealth, Series A, 4.13%, 09/01/38	270	273,729
California 18.2%		
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 08/15/20 ^(a)	1,150	1,227,648
California Municipal Finance Authority, ARB, Senior Lien-Linxs APM Project, AMT, 4.00%, 12/31/47	780	766,834
City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series A:		
2nd, 5.50%, 05/01/28	720	817,884
2nd, 5.25%, 05/01/33	560	625,419
5.00%, 05/01/44	745	815,224
City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International Airport SJC, Series A-1, AMT:		
5.50%, 03/01/30	1,600	1,705,488
6.25%, 03/01/34	1,250	1,349,987
County of Riverside Public Financing Authority, RB, Capital Facilities Project, 5.25%, 11/01/40	2,000	2,323,040
Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33	970	1,124,725
Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 08/01/21 ^(a)	1,000	1,098,760
Regents of the University of California Medical Center Pooled Revenue, Refunding RB, Series J:		
5.25%, 05/15/23 ^(a)	1,740	2,001,696
5.25%, 05/15/38	495	552,900
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC), 5.38%, 08/01/19 ^(a)	1,020	1,039,288
State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39	3,450	3,538,078
State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/31	1,000	1,140,040
	490	549,481

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

State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F, 5.25%, 09/01/33		
Township of Washington California Health Care District, GO, Election of 2004, Series B, 5.50%, 08/01/40	370	429,304
		21,105,796
Colorado 2.4%		
City & County of Denver Colorado, RB, Capital Appreciation Bonds Series, Series A-2, 0.00%, 08/01/38 ^(b)	835	382,071
City & County of Denver Colorado Airport System, ARB, Series A, AMT: 5.50%, 11/15/28	500	566,690
5.50%, 11/15/30	225	253,606
5.50%, 11/15/31	270	303,680
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM), 6.00%, 05/15/19 ^(a)	1,300	1,315,860
		2,821,907
Connecticut 0.3%		
Connecticut Housing Finance Authority, Refunding RB, S/F Housing, Sub-Series B-1, 4.00%, 05/15/45	380	381,683
	<i>Par</i>	<i>Value</i>
<i>Security</i>	<i>(000)</i>	
Florida 13.5%		
County of Broward Florida Airport System, ARB, Series A, AMT, 5.00%, 10/01/45	\$ 575	\$ 627,590
County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International Airport, Series A, AMT, 5.50%, 10/01/29	1,170	1,323,949
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	1,000	1,068,290
County of Lee Florida HFA, RB, S/F Housing, Multi-County Program, Series A-2, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 6.00%, 09/01/40	55	55,390
County of Manatee Florida HFA, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie Mae & Freddie Mac), 5.90%, 09/01/40	35	35,066
County of Miami-Dade Florida, RB, Seaport Department:		
Series A, 6.00%, 10/01/38	1,840	2,104,905
Series A, 5.50%, 10/01/42	2,125	2,366,974
Series B, AMT, 6.00%, 10/01/26	590	680,252
Series B, AMT, 6.00%, 10/01/27	775	892,079
Series B, AMT, 6.25%, 10/01/38	310	356,097
Series B, AMT, 6.00%, 10/01/42	410	467,101
County of Miami-Dade Florida, Refunding RB:		
Seaport Department, Series D, AMT, 6.00%, 10/01/26	735	846,735
Water & Sewer System, Series B, 5.25%, 10/01/29	500	566,445
County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31	2,165	2,338,849
County of Orange Florida Health Facilities Authority, Refunding RB, Presbyterian Retirement Communities Project, 5.00%, 08/01/41	1,000	1,067,520
Reedy Creek Florida Improvement District, GO, Series A, 5.25%, 06/01/32	710	800,418
		15,597,660
Hawaii 2.0%		

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

State of Hawaii Airports System, ARB, Series A, AMT, 5.00%, 07/01/45	1,000	1,099,260
State of Hawaii Airports System, COP, AMT:		
5.25%, 08/01/25	250	279,375
5.25%, 08/01/26	810	900,801
		2,279,436
Idaho 0.7%		
Idaho Health Facilities Authority, RB, Trinity Health Credit Group, 4.00%, 12/01/43 ^(c)	605	609,368
Idaho Health Facilities Authority, Refunding RB, St. Luke's Health System Project, Series A, 4.00%, 03/01/43	40	39,330
Idaho State Building Authority, RB, Department of Health And Welfare Project, 4.00%, 09/01/48	215	218,103
		866,801
Illinois 17.7%		
City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A, AMT, 5.00%, 01/01/41	1,010	1,087,659
City of Chicago Illinois O'Hare International Airport, GARB, 3rd Lien:		
Series A, 5.75%, 01/01/21 ^(a)	645	694,214
Series A, 5.75%, 01/01/39	125	132,545
Series C, 6.50%, 01/01/21 ^(a)	3,680	4,011,678
City of Chicago Illinois Transit Authority, RB, Sales Tax Receipts, 5.25%, 12/01/36	1,000	1,056,570
City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration, Section 5309 (AGM), 5.00%, 06/01/28	3,000	3,097,440
City of Chicago Illinois Wastewater Transmission, RB, 2nd Lien, 5.00%, 01/01/42	1,375	1,438,497

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Illinois (continued)		
County of Cook Illinois Community College District No. 508, GO, City College of Chicago:		
5.50%, 12/01/38	\$ 1,000	\$ 1,042,430
5.25%, 12/01/43	1,190	1,225,641
Illinois Finance Authority, RB, Series A:		
Carle Foundation, 6.00%, 08/15/41	1,555	1,690,440
Chicago LLC, University of Illinois at Chicago Project, 5.00%, 02/15/37	480	519,082
Railsplitter Tobacco Settlement Authority, RB ^(a) :		
5.50%, 06/01/21	940	1,019,270
6.00%, 06/01/21	270	295,831
State of Illinois, GO:		
5.25%, 02/01/32	1,000	1,044,550
5.50%, 07/01/33	1,500	1,582,605
5.50%, 07/01/38	280	292,208
State of Illinois, GO, Refunding, Series B, 5.00%, 10/01/27	235	254,907
		20,485,567
Indiana 0.3%		
State of Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT, 5.00%, 07/01/40		
	375	396,221
Louisiana 1.7%		
Lake Charles Louisiana Harbor & Terminal District, RB, Series B, AMT (AGM),		
5.50%, 01/01/29	1,000	1,124,950
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%,		
05/15/29	805	811,794
		1,936,744
Maryland 0.6%		
Maryland Community Development Administration, Refunding RB, S/F Housing, Series A,		
4.10%, 09/01/38	645	656,668
Massachusetts 1.6%		
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A,		
5.00%, 01/01/47	645	691,046
Massachusetts Development Finance Agency, Refunding RB, Emerson College,		
5.00%, 01/01/41	525	555,765
Massachusetts HFA, Refunding RB, Series C, AMT, 5.35%, 12/01/42		
	620	624,018
		1,870,829
Michigan 2.1%		
City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):		

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

6.25%, 07/01/19 ^(a)	1,795	1,828,118
6.25%, 07/01/36	5	5,085
Michigan Strategic Fund, RB, I-75 Improvement Projects, AMT, 5.00%, 06/30/48	515	558,965
		2,392,168
Minnesota 3.2%		
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series A, 4.00%, 11/15/48	360	359,359
Duluth EDA, Refunding RB, Essentia Health Obligated Group, Series A: 4.25%, 02/15/48	2,790	2,802,444
5.25%, 02/15/58	475	523,032
		3,684,835
Mississippi 1.5%		
Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%, 12/01/40	1,190	1,409,151
Mississippi State University Educational Building Corp., Refunding RB, Mississippi State University Improvement Project, 5.25%, 08/01/23 ^(a)	260	299,023
		1,708,174
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Nevada 3.4%		
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM), 5.25%, 07/01/39	\$ 2,375	\$ 2,436,489
County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 07/01/19 ^(a)	1,500	1,522,230
		3,958,719
New Jersey 8.2%		
New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity Bond: 5.38%, 01/01/43	1,000	1,074,050
(AGM), 5.00%, 01/01/31	530	575,257
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 07/01/38	1,400	1,420,538
New Jersey Transportation Trust Fund Authority, RB: Transportation Program Bonds, Series S, 5.00%, 06/15/46	1,885	1,979,231
Transportation System, Series AA, 5.50%, 06/15/39	1,600	1,696,464
New Jersey Turnpike Authority, RB, Series A, 4.00%, 01/01/48 ^(c)	550	559,444
Tobacco Settlement Financing Corp., Refunding RB: Series A, 5.00%, 06/01/35	525	578,387
Series A, 5.00%, 06/01/46	1,255	1,297,444
Sub-Series B, 5.00%, 06/01/46	315	313,677
		9,494,492
New York 8.1%		
City of New York Transitional Finance Authority Future Tax Secured, RB, Future Tax Secured, Series A, Sub-Series E-1, 5.00%, 02/01/36	1,500	1,717,500
City of New York Water & Sewer System, Refunding RB, 2nd General Resolution, Series FF-2, 5.50%, 06/15/40	1,545	1,565,703

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

New York State Dormitory Authority, Refunding RB, Series A, 5.00%, 03/15/45	1,530	1,744,078
New York State Urban Development Corp., RB, Personal Income Tax Revenue, 4.00%, 03/15/47	1,000	1,030,590
New York Transportation Development Corp., ARB, LaGuardia Airport Terminal B Redevelopment Project, Series A, AMT, 5.25%, 01/01/50	600	637,926
Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 07/15/36	2,500	2,650,925
		9,346,722
Ohio 1.7%		
Ohio Housing Finance Agency, RB, S/F Housing, Series A (Ginnie Mae, Fannie Mae & Freddie Mac), 4.00%, 09/01/48	255	256,099
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 02/15/31	1,500	1,670,010
		1,926,109
Oklahoma 1.1%		
Norman Regional Hospital Authority, Refunding RB, 5.00%, 09/01/37	400	442,416
Oklahoma Development Finance Authority, RB, Provident Oklahoma Education Resources, Inc., Cross Village Student Housing Project, Series A, 5.25%, 08/01/57	915	852,798
		1,295,214
Oregon 0.2%		
County of Clackamas Oregon School District No. 12 North Clackamas, GO, CAB, Series A, 0.00%, 06/15/38 ^(b)	475	219,298
Pennsylvania 0.8%		
Pennsylvania Housing Finance Agency, RB, S/F Housing Mortgage, Series 123-B, 4.00%, 10/01/42	935	936,795

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Rhode Island 1.3%		
Rhode Island Student Loan Authority, Refunding RB, Senior-Series A, AMT, 3.50%, 12/01/34	\$ 475	\$ 479,299
Tobacco Settlement Financing Corp., Refunding RB, Series A, 5.00%, 06/01/40	950	982,708
		1,462,007
South Carolina 12.0%		
County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	1,470	1,661,188
County of Charleston South Carolina Airport District, ARB, Series A, AMT: 5.50%, 07/01/26	1,810	2,060,413
6.00%, 07/01/38	1,155	1,314,436
5.50%, 07/01/41	1,000	1,110,340
South Carolina Jobs EDA, Refunding RB: Anmed Health Projects, 5.00%, 02/01/38	2,710	2,914,903
Prisma Health Obligated Group, Series A, 5.00%, 05/01/43	800	872,224
Prisma Health Obligated Group, Series A, 5.00%, 05/01/48	715	776,075
State of South Carolina Ports Authority, RB, AMT, 5.25%, 07/01/50	750	814,868
State of South Carolina Public Service Authority, RB, Series E, 5.50%, 12/01/53	40	42,661
State of South Carolina Public Service Authority, Refunding RB: Series C, 5.00%, 12/01/46	1,795	1,890,207
Series E, 5.25%, 12/01/55	425	454,338
		13,911,653
Texas 16.9%		
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 03/01/37	930	1,033,435
City of Frisco Texas ISD, GO, School Building (AGM), 5.50%, 08/15/41	1,210	1,231,586
City of Houston Texas Combined Utility System, Refunding RB, Combined 1st Lien, Series A (AGC) ^(a) : 6.00%, 05/15/19	2,560	2,591,078
6.00%, 05/15/19	140	141,721
City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC) ^(a) : 5.38%, 05/15/19	950	959,889
5.38%, 05/15/19	50	50,528
6.00%, 05/15/19	1,945	1,968,612
6.00%, 05/15/19	110	111,352
Dallas-Fort Worth International Airport, Refunding ARB, Joint Revenue, Series E, AMT, 5.50%, 11/01/27	2,500	2,852,500
Dallas-Fort Worth Texas International Airport, ARB, Joint Improvement, Series H, AMT, 5.00%, 11/01/37	980	1,034,880

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

Lower Colorado River Authority, Refunding RB, 5.50%, 05/15/33	730	825,002
North Texas Tollway Authority, RB, Special Projects, Series A, 5.50%, 09/01/21 ^(a)	2,120	2,317,605
North Texas Tollway Authority, Refunding RB: 4.25%, 01/01/49	2,335	2,403,019
1st Tier (AGM), 6.00%, 01/01/21 ^(a)	1,000	1,079,010
Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%, 03/15/38	420	467,149
Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, Blueridge Transportation Group, AMT, 5.00%, 12/31/55	525	554,773
		19,622,139
Virginia 0.3%		
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 01/01/43	380	410,031
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Washington 2.5%		
City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 02/01/21 ^(a)	\$ 1,000	\$ 1,069,840
State of Washington, GO, Various Purposes, Series B, 5.25%, 02/01/21 ^(a)	725	775,634
Washington State Housing Finance Commission, Refunding RB, Horizon House Project, 5.00%, 01/01/43 ^(d)	1,000	1,040,050
		2,885,524
West Virginia 0.1%		
West Virginia Hospital Finance Authority, RB, Improvement, West Virginia University Health System Obligated Group, Series A, 4.00%, 06/01/51	85	82,590
Wisconsin 0.6%		
Wisconsin Housing & Economic Development Authority, RB, M/F Housning, WHPC Madison Pool Project, Series A, 4.70%, 07/01/47	660	682,678
Total Municipal Bonds 127.4% (Cost \$140,745,266)		147,615,739
Municipal Bonds Transferred to Tender Option Bond Trusts^(e) 47.0%		
California 5.8%		
City of Los Angeles California Department of Airports, ARB, Los Angeles International Airport, Series B, AMT, 5.00%, 05/15/46	2,050	2,257,901
Fremont Union High School District, GO, Refunding Series A, 4.00%, 08/01/46	1,520	1,581,081
Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/43	2,565	2,890,900
		6,729,882
Connecticut 1.2%		
State of Connecticut Health & Educational Facility Authority, Refunding RB, Trinity Health Credit Group, 5.00%, 12/01/45	1,216	1,334,834

District of Columbia 0.7%

District of Columbia Housing Finance Agency, RB, M/F Housing, Series B-2, 4.10%, 09/01/39	790	800,231
--	-----	---------

Georgia 0.9%

County of Dalton Whitfield Joint Development Authority, RB, Hamilton Health Care System Obligation, 4.00%, 08/15/48	1,025	1,046,042
--	-------	-----------

Idaho 1.4%

Idaho State Building Authority, RB, State Office Campus Project, Series A, 4.00%, 09/01/48	1,570	1,598,519
---	-------	-----------

Illinois 1.0%

State of Illinois Toll Highway Authority, RB, Series C, 5.00%, 01/01/38	1,004	1,118,423
--	-------	-----------

Nevada 5.6%

County of Clark Nevada Water Reclamation District, GO, Series B, 5.50%, 07/01/19 ^(a)	1,994	2,025,944
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 06/01/28	4,200	4,489,632

6,515,576

New Jersey 2.0%

New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	1,290	1,294,891
--	-------	-----------

New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 06/15/36 ^(f)	1,000	1,042,478
--	-------	-----------

2,337,369

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
New York 15.9%		
City of New York, GO, Series D, 5.00%, 12/01/43 ^(f)	\$ 2,380	\$ 2,723,125
City of New York Housing Development Corp., Refunding RB, Sustainable Neighborhood Bonds, Series A, 4.15%, 11/01/38 ^(c)	1,740	1,796,689
City of New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series FF-2, 5.50%, 06/15/40	1,095	1,109,673
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series BB, 5.25%, 06/15/44	2,999	3,259,490
Hudson Yards Infrastructure Corp., RB, Senior-Fiscal 2012 ^(f) : 5.75%, 02/15/21 ^(a)	619	666,962
5.75%, 02/15/47	381	410,295
New York Liberty Development Corp., ARB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43	3,000	3,256,696
New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 ^(f)	1,770	1,936,724
State of New York Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 03/15/19 ^(a)	3,250	3,263,748
		18,423,402
North Carolina 0.8%		
North Carolina Housing Finance Agency, RB, S/F Housing, Series 39-B (Ginnie Mae, Fannie Mae & Freddie Mac), 4.00%, 01/01/48	902	903,374
Pennsylvania 1.6%		
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42	1,664	1,903,525
Rhode Island 1.6%		
Rhode Island Health & Educational Building Corp., RB, Series A, 4.00%, 09/15/47	1,832	1,846,399
Texas 2.3%		
City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 02/01/31 ^{(a)(f)}	2,609	2,609,398
Utah 0.9%		
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 08/15/19 ^(a)	1,005	1,022,556
	<i>Par (000)</i>	<i>Value</i>
<i>Security</i>		
Virginia 1.7%		
Hampton Roads Transportation Accountability Commission, RB, Transportation Fund, Senior Lien, Series A,	\$ 1,668	\$ 1,978,200

5.50%, 07/01/57^(f)
West Virginia 1.2%

 Morgantown Utility Board, Inc., RB, Series B,
 4.00%, 12/01/48^(f)

1,391 1,410,100

Wisconsin 2.4%

 Wisconsin Housing & Economic Development Authority, RB, M/F Housing, Series A:
 4.10%, 11/01/43
 4.45%, 05/01/57

 1,222 1,235,612
 1,528 1,544,542

2,780,154

Total Municipal Bonds Transferred to Tender Option Bond Trusts 47.0%

(Cost \$53,280,812)

54,357,984

Total Long-Term Investments 174.4%

(Cost \$194,026,078)

201,973,723

Shares
Short-Term Securities 0.4%

 BlackRock Liquidity Funds, MuniCash, Institutional Class,
 1.24%^{(g)(h)}

478,001 478,097

Total Short-Term Securities 0.4%

(Cost \$478,097)

478,097

Total Investments 174.8%

(Cost \$194,504,175)

202,451,820

Liabilities in Excess of Other Assets (0.0)%

(1,857)

Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (26.0)%

(30,097,734)

VMTP Shares at Liquidation Value (48.8)%

(56,500,000)

Net Assets Applicable to Common Shares 100.0%

\$ 115,852,229

(a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.

(b) Zero-coupon bond.

(c) When-issued security.

(d) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933, as amended. These securities may be resold in transactions exempt from registration to qualified institutional investors.

(e) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.

(f) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire between February 1, 2019, to December 1, 2026, is \$7,188,603. See Note 4 of the Notes to Financial Statements for details.

(g) Annualized 7-day yield as of period end.

(h)

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

During the six months ended January 31, 2019, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

<i>Affiliate</i>	<i>Shares Held at 07/31/18</i>	<i>Net Activity</i>	<i>Shares Held at 01/31/19</i>	<i>Value at 01/31/19</i>	<i>Income</i>	<i>Change in NetUnrealized Appreciation (Depreciation)</i>	
						<i>Realized Gain (Loss)</i>	<i>Unrealized Appreciation (Depreciation)</i>
BlackRock Liquidity Funds, MuniCash, Institutional Class	477,450	551	478,001	\$ 478,097	\$ 7,532	\$ 283	\$

(a) Includes net capital gain distributions, if applicable.

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

January 31, 2019

Derivative Financial Instruments Outstanding as of Period End**Futures Contracts**

<i>Description</i>	<i>Number of Contracts</i>	<i>Expiration Date</i>	<i>Notional Amount (000)</i>	<i>Value/ Unrealized Appreciation (Depreciation)</i>
Short Contracts:				
10-Year U.S. Treasury Note	13	03/20/19	\$ 1,592	\$ (28,345)
Long U.S. Treasury Bond	40	03/20/19	5,868	(226,803)
5-Year U.S. Treasury Note	13	03/29/19	1,493	(23,576)
				\$ (278,724)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

Liabilities	Derivative Financial Instruments	<i>Commodity Contracts</i>	<i>Credit Contracts</i>	<i>Equity Contracts</i>	<i>Foreign Currency Exchange Contracts</i>	<i>Interest Rate Contracts</i>	<i>Other Contracts</i>	<i>Total</i>
	Futures contracts							
	Net unrealized depreciation ^(a)	\$	\$	\$	\$	\$ 278,724	\$	\$ 278,724

^(a) Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities. For the six months ended January 31, 2019, the effect of derivative financial instruments in the Statements of Operations were as follows:

<i>Commodity Contracts</i>	<i>Credit Contracts</i>	<i>Equity Contracts</i>	<i>Foreign Currency Exchange</i>	<i>Interest Rate Contracts</i>	<i>Other Contracts</i>	<i>Total</i>
--------------------------------	-----------------------------	-----------------------------	--	--	----------------------------	--------------

*Contracts***Net Realized Gain (Loss) from:**

Futures contracts	\$	\$	\$	\$	\$ 36,883	\$	\$ 36,883
-------------------	----	----	----	----	-----------	----	-----------

**Net Change in Unrealized
Appreciation (Depreciation)
on:**

Futures contracts	\$	\$	\$	\$	\$ (297,792)	\$	\$ (297,792)
-------------------	----	----	----	----	--------------	----	--------------

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short \$ 6,805,309

For more information about the Fund's investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Assets:				
Investments:				
Long-Term Investments ^(a)	\$	\$ 201,973,723	\$	\$ 201,973,723
Short-Term Securities	478,097			478,097
	\$ 478,097	\$ 201,973,723	\$	\$ 202,451,820
Derivative Financial Instruments^(b)				
Liabilities:				
Interest rate contracts	\$ (278,724)	\$	\$	\$ (278,724)

^(a) See above Schedule of Investments for values in each state.

^(b) Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

January 31, 2019

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Liabilities:				
TOB Trust Certificates	\$	\$ (29,988,610)	\$	\$ (29,988,610)
VMTP Shares at Liquidation Value		(56,500,000)		(56,500,000)
	\$	\$ (86,488,610)	\$	\$ (86,488,610)

During the six months ended January 31, 2019, there were no transfers between levels.

See notes to financial statements.

Schedule of Investments (unaudited)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Municipal Bonds 139.6%		
Michigan 139.6%		
Corporate 3.8%		
County of Monroe Michigan EDC, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 09/01/22	\$ 14,500	\$ 16,914,975
County/City/Special District/School District 28.4%		
Anchor Bay School District, GO, Refunding, (Q-SBLF):		
4.38%, 05/01/27	1,600	1,680,336
4.50%, 05/01/29	1,505	1,579,257
Battle Creek School District Michigan, GO, Refunding, (Q-SBLF):		
5.00%, 05/01/35	1,100	1,242,956
5.00%, 05/01/36	1,500	1,689,735
5.00%, 05/01/37	1,170	1,313,150
Berkley School District, GO, School Building & Site (Q-SBLF), 5.00%, 05/01/35	2,965	3,339,657
Byron Center Public Schools, GO, School Building & Site, Series I (Q-SBLF):		
5.00%, 05/01/43	4,475	5,023,277
5.00%, 05/01/47	740	823,317
Columbia Michigan School District, GO, Unlimited Tax, School Building & Site (Q-SBLF), 5.00%, 05/01/38	5,185	5,746,328
Comstock Park Michigan Public Schools, GO, School Building & Site, Series B (Q-SBLF), 5.50%, 05/01/21 ^(a)	3,385	3,664,296
Country of Saginaw Michigan, GO, 4.00%, 11/01/42	2,000	2,059,460
County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 05/01/19	1,000	1,007,820
Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC), 5.50%, 05/01/39	5,300	5,343,460
Dearborn School District, GO, School Building & Site, Series A (Q-SBLF):		
5.00%, 05/01/32	1,500	1,685,925
5.00%, 05/01/33	1,600	1,792,192
5.00%, 05/01/34	1,200	1,340,712
Dowagiac Union School District, GO, (Q-SBLF), 5.00%, 05/01/41	1,140	1,252,313
East Lansing School District, GO, School Building & Site, Series I (Q-SBLF):		
5.00%, 05/01/36	550	630,201
5.00%, 05/01/37	550	625,466
5.00%, 05/01/39	740	833,506
5.00%, 05/01/42	1,000	1,114,870
Farmington Public School District, GO, Refunding, School Building & Site (AGM):		
5.00%, 05/01/33	1,500	1,702,425
5.00%, 05/01/34	1,500	1,698,735
5.00%, 05/01/35	1,000	1,131,870
Flint EDC, RB, Michigan Department of Human Services Office Building Project, 5.25%, 10/01/41	4,950	5,348,277

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

Fraser Public School District, Refunding, GO, School Building & Site (Q-SBLF):		
5.00%, 05/01/38	750	843,615
5.00%, 05/01/43	2,000	2,222,140
5.00%, 05/01/47	3,225	3,575,880
Gibraltar School District, GO, (Q-SBLF):		
5.00%, 05/01/35	1,000	1,151,620
5.00%, 05/01/36	750	861,765
Goodrich Area School District, GO, School Building & Site (Q-SBLF):		
5.50%, 05/01/21 ^(a)	1,540	1,665,294
5.50%, 05/01/36	460	495,001
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
County/City/Special District/School District (continued)		
Goodrich Area School District Michigan, GO, School Building & Site (Q-SBLF):		
5.50%, 05/01/21 ^(a)	\$ 2,575	\$ 2,787,463
5.50%, 05/01/32	1,000	1,080,210
Grand Rapids Public Schools, GO, Refunding Unlimited Tax (AGM), 5.00%, 05/01/29	1,000	1,177,790
Grandville Public Schools, GO, School Building & Site, Series II (AGM), 5.00%, 05/01/40	3,250	3,599,765
Gull Lake Community School District, GO, School Building & Site, Series I (Q-SBLF), 5.00%, 05/01/45	4,000	4,486,840
Hudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 05/01/21 ^(a)	6,750	7,277,782
Hudsonville Public Schools, GO, Refunding Unlimited Tax (Q-SBLF):		
5.00%, 05/01/38	1,835	2,066,871
5.00%, 05/01/40	2,450	2,742,653
Jackson Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.00%, 05/01/42	4,000	4,486,840
Kentwood Public Schools, GO, School Building & Site:		
5.00%, 05/01/41	1,120	1,236,390
5.00%, 05/01/44	1,815	1,997,480
Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 05/01/43	5,000	5,521,150
Mattawan Consolidated School District, GO, Series I (Q-SBLF), 5.00%, 05/01/39	3,375	3,758,501
Portage Public Schools, GO, Refunding School Building & Site, 5.00%, 11/01/37	1,250	1,408,988
Romeo Community School District, GO, Refunding School Building & Site, Series 1 (Q-SBLF), 5.00%, 05/01/41	2,000	2,213,240
Troy School District, GO, School Building & Site (Q-SBLF), 5.00%, 05/01/28	2,000	2,268,140
Walled Lake Consolidated School District, GO, School Building & Site (Q-SBLF):		
5.00%, 05/01/37	2,850	3,174,729
5.00%, 05/01/40	2,630	2,925,901
5.00%, 05/01/43	1,530	1,698,530
West Bloomfield School District, GO, School Building & Site (AGM), 5.00%, 05/01/35	1,800	2,053,998
Zeeland Public Schools, GO, School Building & Site, Series A (AGM):		
5.00%, 05/01/33	1,000	1,133,100
5.00%, 05/01/34	1,000	1,130,650
5.00%, 05/01/35	1,000	1,128,810
		125,840,677
Education 22.9%		
City of Grand Rapids Michigan, EDC, RB, Ferris State University Project, Series A, 5.50%, 10/01/35		
	760	803,366
Eastern Michigan University, Refunding RB, Series A (BAM), 5.00%, 03/01/36		
	500	565,105

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

Ferris State University, Refunding RB:		
5.00%, 10/01/41	2,250	2,487,645
General (AGM), 4.50%, 10/01/24	1,595	1,598,732
General (AGM), 4.50%, 10/01/25	1,405	1,408,288
Grand Valley State University, RB, 5.00%, 12/01/43	1,600	1,798,000
Lake Superior State University, RB, General (AGM), 5.00%, 01/15/48	3,750	4,121,362
Michigan Finance Authority, Refunding RB:		
College for Creative Studies, 4.00%, 12/01/33	1,720	1,712,312
College for Creative Studies, 5.00%, 12/01/36	1,550	1,628,430
College for Creative Studies, 5.00%, 12/01/40	2,900	3,018,204
College for Creative Studies, 5.00%, 12/01/45	4,400	4,559,808
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/29	5,900	6,081,779

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Education (continued)		
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/30	\$ 2,850	\$ 2,929,686
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/31	3,150	3,223,552
Michigan State University, Refunding RB, General, Series C: 5.00%, 02/15/40	8,470	8,714,614
5.00%, 02/15/44	1,000	1,028,360
Michigan Technological University, RB, General, Series A, 5.00%, 10/01/45	1,800	2,037,798
Northern Michigan University, Refunding RB, General, Series A, 5.00%, 12/01/35	1,245	1,431,974
Oakland University, RB: 5.00%, 03/01/41	3,635	3,990,721
General, 5.00%, 03/01/32	400	429,396
General, Series A, 5.00%, 03/01/38	5,490	5,950,227
General, Series A, 5.00%, 03/01/43	16,845	18,216,688
University of Michigan, RB, Series A, 5.00%, 04/01/39	3,425	3,905,733
Wayne State University, RB, General, Series A, 5.00%, 11/15/40	3,000	3,351,030
Western Michigan University, Refunding RB, General, University and College Improvements: 5.25%, 11/15/40	3,500	3,822,980
5.25%, 11/15/43	8,475	9,592,174
(AGM), 5.25%, 11/15/33	1,000	1,134,250
(AGM), 5.00%, 11/15/39	1,750	1,956,798
		101,499,012
Health 31.8%		
Grand Traverse County Hospital Finance Authority, RB: Munson Healthcare Obligated Group, Series A, 5.00%, 07/01/49	2,610	2,840,646
Munson Healthcare Obligated Group, Series B, 4.00%, 07/01/49	2,000	2,009,300
Series A, 5.00%, 07/01/44	4,230	4,548,688
Series A, 5.00%, 07/01/47	2,200	2,364,626
Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM): 5.25%, 05/15/20 ^(a)	4,140	4,318,807
5.25%, 05/15/36	3,360	3,473,434
Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A, 5.00%, 11/15/29	7,500	8,063,175
Michigan Finance Authority, RB: Beaumont Health Credit Group, 4.00%, 11/01/46	1,025	1,018,143
Sparrow Obligated Group, 5.00%, 11/15/36	2,500	2,681,950
Sparrow Obligated Group, 5.00%, 11/15/45	3,750	4,057,912
Michigan Finance Authority, Refunding RB: Henry Ford Health System, 5.00%, 11/15/37	3,000	3,278,400
Henry Ford Health System, 5.00%, 11/15/41	1,000	1,078,020
Henry Ford Health System, 3.25%, 11/15/42	1,145	1,002,585

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

Henry Ford Health System, 4.00%, 11/15/46	8,500	8,359,410
Hospital, McLaren Health Care, 5.00%, 05/15/32	1,000	1,125,240
Hospital, McLaren Health Care, 5.00%, 05/15/33	2,000	2,240,700
Hospital, McLaren Health Care, 5.00%, 05/15/34	6,500	7,246,720
Hospital, McLaren Health Care, 5.00%, 05/15/35	4,945	5,492,115
Hospital; Trinity Health Credit Group, 5.00%, 12/01/39	4,980	5,299,118
MidMichigan Health, 5.00%, 06/01/39	1,500	1,639,620
Trinity Health Credit Group, 5.00%, 12/01/21 ^(a)	20	21,766
Trinity Health Credit Group, 5.00%, 12/01/31	5,000	5,377,000
Trinity Health Credit Group, 5.00%, 12/01/35	6,500	6,953,180
Michigan State Hospital Finance Authority, RB, Ascension Health Senior Credit Group, 5.00%, 11/15/25	6,000	6,134,280
Michigan State Hospital Finance Authority, Refunding RB: Ascension Senior Credit Group, 5.00%, 11/15/47	2,750	3,040,537
Henry Ford Health System, 5.75%, 11/15/19 ^(a)	3,165	3,263,115
	<i>Par</i>	
<i>Security</i>	<i>(000)</i>	<i>Value</i>
Health (continued)		
Hospital, Oakwood Obligated Group, 5.00%, 11/01/32	\$ 4,000	\$ 4,374,400
McLaren Health Care, Series A, 5.00%, 06/01/35	2,250	2,429,078
Trinity Health, 6.50%, 12/01/33	80	80,109
Trinity Health Credit Group, Series C, 4.00%, 12/01/32	5,300	5,462,975
Royal Oak Hospital Finance Authority Michigan, Refunding RB: Beaumont Health Credit Group, Series D, 5.00%, 09/01/39	27,365	29,548,453
William Beaumont Hospital, Series W, 6.00%, 08/01/19 ^(a)	1,500	1,531,065
		140,354,567
Housing 7.1%		
Michigan State HDA, RB: M/F Housing, Rental Housing Revenue, Series A, 4.45%, 10/01/34	1,000	1,034,470
M/F Housing, Rental Housing Revenue, Series A, 4.63%, 10/01/39	3,490	3,594,211
M/F Housing, Rental Housing Revenue, Series A, 4.75%, 10/01/44	5,000	5,138,250
Williams Pavilion, AMT (Ginnie Mae), 4.75%, 04/20/37	3,190	3,192,105
Michigan State Housing Development Authority, RB, Series A, M/F: Housing, 4.30%, 10/01/40	3,320	3,395,165
4.00%, 10/01/43	7,420	7,362,124
State of Michigan Housing Development Authority, RB, S/F Housing, Series C, 4.13%, 12/01/38	7,500	7,698,000
		31,414,325
State 23.3%		
Michigan Finance Authority, RB, Charter County of Wayne Criminal Justice Center Project: 5.00%, 11/01/34	215	251,279
5.00%, 11/01/38	2,500	2,851,475
5.00%, 11/01/43	4,000	4,502,000
Michigan Finance Authority, Refunding RB, Detroit Regional Convention Facility Authority Local Project Bonds, 5.00%, 10/01/39	5,400	6,026,454
Michigan State Finance Authority, RB, Local Government Loan Program, Series F,	1,000	1,068,670

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

5.00%, 04/01/31		
Michigan Strategic Fund, RB:		
1-75 Improvement Project, AMT, 5.00%, 12/31/43	15,000	16,357,650
1-75 Improvement Project, AMT (AGM), 4.25%, 12/31/38	14,000	14,191,940
Michigan Senate Offices Project, Series A, 5.25%, 10/15/40	3,000	3,404,700
Michigan Strategic Fund, Refunding RB, Cadillac Place Office Building Project, 5.25%, 10/15/31	7,000	7,615,440
State of Michigan, COP, (AMBAC), 0.00%, 06/01/22 ^{(b)(c)}	3,000	2,814,390
State of Michigan Building Authority, RB, Local Government Loan Program, Series F, 5.25%, 10/01/41	8,595	9,221,919
State of Michigan Building Authority, Refunding RB:		
Facilities Program, Series I (AGC), 5.25%, 10/15/24	6,000	6,139,680
Facilities Program, Series I (AGC), 5.25%, 10/15/25	3,500	3,580,710
Facilities Program, Series I (AGC), 5.25%, 10/15/26	1,000	1,022,640
Facilities Program, Series I-A, 5.50%, 10/15/45	2,000	2,165,280
Facilities Program, Series II (AGM), 5.00%, 10/15/26	7,500	7,658,475
Series I, 5.00%, 04/15/41	4,750	5,287,178
State of Michigan Trunk Line Fund, RB:		
5.00%, 11/15/33	3,000	3,237,060
5.00%, 11/15/36	5,345	5,750,846
		103,147,786

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Transportation 5.4%		
Wayne County Airport Authority, ARB, Series A, 5.00%, 12/01/42	\$ 1,000	\$ 1,113,800
Wayne County Airport Authority, RB:		
Detroit Metropolitan Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39	1,475	1,610,921
Series B, AMT, 5.00%, 12/01/42	1,000	1,097,070
Series B, AMT, 5.00%, 12/01/47	1,250	1,368,375
Series D, 5.00%, 12/01/35	3,850	4,349,769
Series D, 5.00%, 12/01/45	5,000	5,547,650
Wayne County Airport Authority, Refunding RB, Series F, AMT, 5.00%, 12/01/34	8,000	8,907,360
		23,994,945
Utilities 16.9%		
City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 07/01/39	2,655	2,860,497
City of Detroit Michigan Water Supply System Revenue, RB, Series A:		
Senior Lien, 5.25%, 07/01/41	4,325	4,605,390
(NPFGC), 5.00%, 07/01/34	10	10,025
City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 5.50%, 01/01/22	810	863,079
City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 07/01/39	10,000	10,655,500
City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A:		
5.00%, 07/01/27	3,180	3,403,936
5.00%, 07/01/31	6,830	7,297,650
5.00%, 07/01/37	3,335	3,550,374
5.50%, 07/01/41	5,000	5,402,000
City of Port Huron Michigan, RB, Water Supply System:		
5.25%, 10/01/31	500	538,210
5.63%, 10/01/40	1,500	1,636,785
Downriver Utility Wastewater Authority, Refunding RB, (AGM), 5.00%, 04/01/43	1,000	1,105,070
Great Lakes Water Authority Water Supply System Revenue, RB, Second Lien, Series B, 5.00%, 07/01/46	10,000	10,945,600
Karegnondi Water Authority, Refunding RB:		
5.00%, 11/01/41	2,750	3,023,405
5.00%, 11/01/45	3,000	3,284,160
Michigan Finance Authority, Refunding RB:		
Government Loan Program, 5.00%, 07/01/34	2,000	2,212,200
Government Loan Program, 5.00%, 07/01/35	750	827,640
Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 07/01/31	1,000	1,111,280
Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 07/01/32	5,250	5,812,852
Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 07/01/33	3,000	3,311,610
Michigan Municipal Bond Authority, RB, State Clean Water Revolving Fund, Pooled Project, 5.00%, 10/01/20 ^(a)	2,000	2,106,760

			74,564,023
Total Municipal Bonds	139.6%		
(Cost \$592,256,066)			617,730,310
Municipal Bonds Transferred to Tender Option Bond Trusts^(d)	22.7%		
Michigan	22.7%		
Education	12.0%		
Eastern Michigan University, RB, General ,Series A (AGM), 4.00%, 03/01/44		10,000	10,213,000
		<i>Par</i>	
<i>Security</i>		<i>(000)</i>	<i>Value</i>
Education (continued)			
Michigan State University, Refunding RB, General, Series A, 5.00%, 08/15/38 ^(e)	\$	10,000	\$ 10,974,650
University of Michigan, Refunding RB, 5.00%, 04/01/46		10,000	11,238,286
Wayne State University, RB, General, Series A ^(e) :			
5.00%, 11/15/43		8,530	9,559,035
5.00%, 11/15/40		10,000	11,161,750
			53,146,721
Health	7.4%		
Michigan Finance Authority, RB, Beaumont Health Credit Group, Series A, 5.00%, 11/01/44		10,002	10,839,360
Michigan Finance Authority, Refunding RB:			
Hospital, Trinity Health Credit Group, 5.00%, 12/01/39		190	202,072
Trinity Health Corp., Series 2016, 5.00%, 12/01/45		19,735	21,608,106
			32,649,538
State	3.3%		
Michigan State Finance Authority, Refunding RB, Student Loan, AMT, Series A, 4.00%, 11/01/28		8,750	9,044,881
State of Michigan Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 10/15/45		5,150	5,827,019
			14,871,900
Total Municipal Bonds Transferred to Tender Option Bond Trusts	22.7%		
(Cost \$99,496,462)			100,668,159
Total Long-Term Investments	162.3%		
(Cost \$691,752,528)			718,398,469
		<i>Shares</i>	
Short-Term Securities	0.8%		
BlackRock Liquidity Funds, MuniCash, Institutional Class, 1.24% ^{(f)(g)}		3,343,952	3,344,621
Total Short-Term Securities	0.8%		
(Cost \$3,344,368)			3,344,621

Total Investments	163.1%	
(Cost	\$695,096,896)	721,743,090
Other Assets Less Liabilities	1.5%	6,513,990
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable	(12.3)%	(54,246,049)
VRDP Shares at Liquidation Value, Net of Deferred Offering Costs	(52.3)%	(231,480,550)
Net Assets Applicable to Common Shares	100.0%	\$ 442,530,481

- (a) U.S. Government securities, held in escrow, are used to pay interest on this security, as well as to retire the bond in full at the date indicated, typically at a premium to par.
- (b) Zero-coupon bond.
- (c) Security is collateralized by municipal bonds or U.S. Treasury obligations.
- (d) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (e) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire between June 1, 2021 to November 15, 2026, is \$16,418,062. See Note 4 of the Notes to Financial Statements for details.
- (f) Annualized 7-day yield as of period end.

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

January 31, 2019

(g) During the six months ended January 31, 2019, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

<i>Affiliate</i>	<i>Shares Held at 07/31/18</i>	<i>Net Activity</i>	<i>Shares Held at 01/31/19</i>	<i>Value at 01/31/19</i>	<i>Income</i>	<i>Change in Net Unrealized</i>	
						<i>Gain (Loss)</i>	<i>Depreciation</i>
BlackRock Liquidity Funds, MuniCash, Institutional Class	3,335,566	8,386	3,343,952	\$ 3,344,621	\$ 26,450	\$ 698	\$ (172)

(a) Includes net capital gain distributions, if applicable.

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

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

<i>Description</i>	<i>Number of Contracts</i>	<i>Expiration Date</i>	<i>Notional Amount (000)</i>	<i>Value/ Unrealized Appreciation (Depreciation)</i>
<i>Short Contracts:</i>				
10-Year U.S. Treasury Note	70	03/20/19	\$ 8,573	\$ (213,419)
Long U.S. Treasury Bond	145	03/20/19	21,270	(995,457)
5-Year U.S. Treasury Note	56	03/29/19	6,432	(118,912)
				\$ (1,327,788)

Derivative Financial Instruments Categorized by Risk Exposure

As of period end, the fair values of derivative financial instruments located in the Statements of Assets and Liabilities were as follows:

	<i>Commodity Contracts</i>	<i>Credit Contracts</i>	<i>Equity Contracts</i>	<i>Foreign Currency Exchange Contracts</i>	<i>Interest Rate Contracts</i>	<i>Other Contracts</i>	<i>Total</i>
Liabilities							
Derivative Financial Instruments							
Futures contracts							
Net unrealized depreciation ^(a)	\$	\$	\$	\$	\$ 1,327,788	\$	\$ 1,327,788

^(a) Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statements of Assets and Liabilities. For the six months ended January 31, 2019, the effect of derivative financial instruments in the Statements of Operations were as follows:

	<i>Commodity Contracts</i>	<i>Credit Contracts</i>	<i>Equity Contracts</i>	<i>Foreign Currency Exchange Contracts</i>	<i>Interest Rate Contracts</i>	<i>Other Contracts</i>	<i>Total</i>
Net Realized Gain (Loss) from:							
Futures contracts	\$	\$	\$	\$	\$ 250,628	\$	\$ 250,628
Net Change in Unrealized Appreciation (Depreciation) on:							
Futures contracts	\$	\$	\$	\$	\$ (1,287,862)	\$	\$ (1,287,862)

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:	
Average notional value of contracts	short \$ 29,438,406

Schedule of Investments (unaudited) (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

January 31, 2019

Fair Value Hierarchy as of Period End

Various inputs are used in determining the fair value of investments and derivative financial instruments. For information about the Fund's policy regarding valuation of investments and derivative financial instruments, refer to the Notes to Financial Statements.

The following tables summarize the Fund's investments and derivative financial instruments categorized in the disclosure hierarchy:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Assets:				
Investments:				
Long-Term Investments ^(a)	\$	\$ 718,398,469	\$	\$ 718,398,469
Short-Term Securities	3,344,621			3,344,621
	\$ 3,344,621	\$ 718,398,469	\$	\$ 721,743,090
Derivative Financial Instruments ^(b)				
Liabilities:				
Interest rate contracts	\$ (1,327,788)	\$	\$	\$ (1,327,788)

^(a) See above Schedule of Investments for values in each sector.

^(b) Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

The Fund may hold assets and/or liabilities in which the fair value approximates the carrying amount for financial statement purposes. As of period end, such assets and/or liabilities are categorized within the disclosure hierarchy as follows:

	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>	<i>Total</i>
Liabilities:				
TOB Trust Certificates	\$	\$ (54,022,057)	\$	\$ (54,022,057)
VRDP Shares at Liquidation Value		(231,900,000)		(231,900,000)
	\$	\$ (285,922,057)	\$	\$ (285,922,057)

During the six months ended January 31, 2019, there were no transfers between levels.

See notes to financial statements

Schedule of Investments (unaudited)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

January 31, 2019

(Percentages shown are based on Net Assets)

<i>Security</i>	<i>Par (000)</i>	<i>Value</i>
Municipal Bonds 122.1%		
Pennsylvania 122.1%		
Corporate 2.2%		
Pennsylvania Economic Development Financing Authority, RB:		
American Water Co. Project, 6.20%, 04/01/39	\$ 1,510	\$ 1,519,755
Aqua Pennsylvania, Inc. Project, Series B, 4.50%, 12/01/42	2,630	2,700,878
Pennsylvania Economic Development Financing Authority, Refunding RB, AMT:		
Aqua Pennsylvania, Inc. Project, Series A, 5.00%, 12/01/34	180	188,039
National Gypsum Co., 5.50%, 11/01/44	135	139,683
		4,548,355
County/City/Special District/School District 30.3%		
Allentown Neighborhood Improvement Zone Development Authority, Refunding RB, Series A:		
5.00%, 05/01/35	190	196,211
5.00%, 05/01/42	450	460,233
Altoona Area School District, GO:		
5.00%, 12/01/36	125	140,485
5.00%, 12/01/45	600	662,622
Altoona Area School District, GOL, Series A (AGM), 5.00%, 12/01/36	1,180	1,326,178
Bethlehem Area School District, GO, (BAM), Series A:		
5.00%, 08/01/34	1,610	1,834,289
5.00%, 08/01/35	1,210	1,377,791
Borough of West Chester Pennsylvania, GO, Refunding, 3.50%, 11/15/35	1,095	1,106,202
Boyertown Area School District, GO:		
5.00%, 10/01/36	610	676,801
5.00%, 10/01/38	920	1,017,952
City of Philadelphia Pennsylvania, GO, Refunding Series A (AGC):		
5.00%, 08/01/19 ^(a)	255	259,228
5.00%, 08/01/24	2,115	2,147,254
City of Pittsburgh Pennsylvania, GO, Series B, 5.00%, 09/01/26	1,095	1,204,193
County of Bucks Pennsylvania Water & Sewer Authority, RB, Series A (AGM):		
5.00%, 12/01/37	780	884,614
5.00%, 12/01/40	1,000	1,130,650
County of Delaware Springfield School District, GO:		
5.00%, 03/01/40	1,025	1,158,947
5.00%, 03/01/43	775	871,751
County of Lycoming Pennsylvania Water & Sewer Authority, RB, (AGM), 5.00%, 11/15/19 ^(a)	500	512,805
County of Northampton Pennsylvania IDA, Route 33 Project, Tax Allocation Bonds, 7.00%, 07/01/32	170	189,763
County of York Pennsylvania, GO, Refunding, 5.00%, 09/01/20 ^(a)	500	525,370

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

Dallastown Area School District, GO, Refunding, 5.00%, 04/15/34	1,235	1,407,394
Fox Chapel Area School District, GO:		
5.00%, 02/01/39	1,345	1,528,740
5.00%, 02/01/42	1,250	1,411,313
Marple Newtown School District, GO, (AGM),		
5.00%, 06/01/19 ^(a)	4,100	4,145,305
Shaler Area School District Pennsylvania, GO, CAB (Syncora), 0.00%, 09/01/30 ^(b)	6,145	4,299,165
Springfield School District/Delaware County, GO:		