

BLACKROCK MUNIYIELD MICHIGAN QUALITY FUND, INC.

Form N-CSR

October 04, 2018

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 52<sup>nd</sup> Street, New York, NY 10055

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

Date of fiscal year end: 07/31/2018

Date of reporting period: 07/31/2018

Item 1 Report to Stockholders

JULY 31, 2018

**ANNUAL REPORT**

**BlackRock MuniHoldings California Quality Fund, Inc. (MUC)**

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

**BlackRock MuniYield Investment Quality Fund (MFT)**

**BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)**

**BlackRock MuniYield Pennsylvania Quality Fund (MPA)**

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

## The Markets in Review

Dear Shareholder,

In the 12 months ended July 31, 2018, the strongest corporate profits in seven years drove the equity market higher, while rising interest rates constrained bond returns. Though the market's appetite for risk remained healthy, risk-taking was tempered somewhat, as shorter-term, higher-quality securities led the bond market, and U.S. equities outperformed most international stock markets.

Strong equity performance worldwide was driven by synchronized economic growth across the most influential economies. However, volatility in emerging market stocks rose, as U.S.-China trade relations and debt concerns weighed heavily on the Chinese stock market, while Turkey became embroiled in a currency crisis shortly after the end of the reporting period.

Short-term U.S. Treasury interest rates rose the fastest, while longer-term rates slightly increased, leading to a negative return for long-term U.S. Treasuries and a substantial flattening of the yield curve. Many investors are concerned with the flattening yield curve as a harbinger of recession, but given the extraordinary monetary measures in the last decade, we believe a more accurate barometer for the economy is the returns along the risk spectrums in stock and bond markets. Although the fundamentals in credit markets remained relatively solid, investment-grade bonds declined slightly, and high-yield bonds posted modest returns.

In response to rising growth and inflation, the U.S. Federal Reserve (the Fed) increased short-term interest rates three times during the reporting period. The Fed also reduced its \$4.3 trillion balance sheet by approximately \$180 billion during the reporting period, gradually reversing the unprecedented stimulus measures it enacted after the financial crisis. Meanwhile, the European Central Bank announced that its bond-purchasing program would conclude at the end of the year, while also expressing its commitment to low interest rates. In contrast, the Bank of Japan continued to expand its balance sheet through bond purchasing while lowering its expectations for inflation.

The U.S. economy continued to gain momentum despite the Fed's modest reduction of economic stimulus; unemployment declined to 3.9%, wages increased, and the number of job openings reached a record high. Strong economic performance may justify a more rapid pace of rate hikes in 2018, as the headline inflation rate and investors' expectations for inflation have already surpassed the Fed's target of 2.0%.

While U.S. monetary policy is seeking to restrain economic growth and inflation, fiscal policy has produced new sources of growth that could nourish the economy for the next few years. Corporate tax cuts and repatriation of capital held abroad could encourage a virtuous cycle of business spending. Lower individual tax rates coupled with the robust job market may refresh consumer spending.

We continue to believe the primary risks to economic expansion are trade protectionism, rapidly rising interest rates, and geopolitical tension. Given the deflationary forces of technology and globalization, a substantial increase in inflation is unlikely to materialize as long as the unemployment rate remains above 3.0%. However, we are closely monitoring trade protectionism and the rise of populism in Western nations. In particular, the outcome of trade negotiations between the United States and China is likely to influence the global growth trajectory and set the tone for free trade in many other nations.

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** 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 July 31, 2018**

|  | <b>6-month</b> | <b>12-month</b> |
|--|----------------|-----------------|
| U.S. large cap equities<br>(S&P 500® Index)  | 0.70%          | 16.24%          |
| U.S. small cap equities<br>(Russell 2000® Index)   | 6.75           | 18.73           |
| International equities<br>(MSCI Europe, Australasia,<br>Far East Index)                              | (5.12)         | 6.40            |
| Emerging market equities<br>(MSCI Emerging Markets Index)  | (11.94)        | 4.36            |
| 3-month Treasury bills<br>(ICE BofAML 3-Month<br>U.S. Treasury Bill Index)                           | 0.85           | 1.43            |
| U.S. Treasury securities<br>(ICE BofAML 10-Year<br>U.S. Treasury Index)                              | (0.95)         | (3.66)          |
| U.S. investment grade bonds<br>(Bloomberg Barclays U.S.<br>Aggregate Bond Index)                     | (0.45)         | (0.80)          |
| Tax-exempt municipal bonds<br>(S&P Municipal Bond Index)   | 1.20           | 1.21            |
| U.S. high yield bonds<br>(Bloomberg Barclays<br>U.S. Corporate High Yield<br>2% Issuer Capped Index) | 0.65           | 2.60            |

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

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## Municipal Market Overview For the Reporting Period Ended July 31, 2018

**Municipal Market Conditions**

Municipal bonds experienced positive performance during the period despite rising interest rates resulting from continued Fed monetary policy normalization, firmer economic data, and the anticipated impacts of fiscal stimulus. Ongoing reassurance from the Fed that rates would be increased gradually and would likely remain low overall resulted in continued demand for fixed income investments. More specifically, investors favored the tax-exempt income, diversification, quality, and value of municipal bonds amid fiscal policy uncertainty, which saw tax reform ultimately lower the top individual tax rate just 2.6% while eliminating deductions and increasing demand for tax shelter. During the 12 months ended July 31, 2018, municipal bond funds experienced net inflows of approximately \$24 billion (based on data from the Investment Company Institute).

For the same 12-month period, total new issuance was moderate from a historical perspective at \$370 billion (well below the \$408 billion issued in the prior 12-month period), but displayed significant month to month volatility. Notably, issuance in December posted the highest monthly total on record at \$56 billion, as issuers rushed deals to market ahead of the expected elimination of the tax-exemption for advanced refunding bonds and possibly private activity bonds (PABs). Ultimately, the final version of the Tax Cuts and Jobs Act left PABs unchanged, though the elimination of advanced refundings has suppressed supply in 2018, providing a powerful technical tailwind.

**A Closer Look at Yields**

S&P Municipal Bond Index  
Total Returns as of July 31, 2018  
6 months: 1.20%  
12 months: 1.21%

From July 31, 2017 to July 31, 2018, yields on AAA-rated 30-year municipal bonds increased by 27 basis points ( bps ) from 2.74% to 3.01%, while 10-year rates increased by 50 bps from 1.95% to 2.45% and 5-year rates increased by 76 bps from 1.21% to 1.97% (as measured by Thomson Municipal Market Data). The municipal yield curve bear flattened over the 12-month period with the spread between 2- and 30-year maturities flattening by 41 bps, however remained a significant 72 bps steeper than the corresponding U.S. Treasury curve.

During the same time period, on a relative basis, tax-exempt municipal bonds strongly outperformed U.S. Treasuries with the greatest outperformance experienced in 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 and incremental yield 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. 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 July 31, 2018, 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 ), 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 July 31, 2018

**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 July 31, 2018 (\$13.07) <sup>(a)</sup> | 4.36%             |
| Tax Equivalent Yield <sup>(b)</sup>  | 9.50%             |
| Current Monthly Distribution per Common Share <sup>(c)</sup>               | \$0.0475          |
| Current Annualized Distribution per Common Share <sup>(c)</sup>            | \$0.5700          |
| Economic Leverage as of July 31, 2018 <sup>(d)</sup>                       | 42%               |

<sup>(a)</sup> 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.

<sup>(b)</sup> 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.

<sup>(c)</sup> The distribution rate is not constant and is subject to change.

<sup>(d)</sup> 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 12 months ended July 31, 2018 were as follows:

|   | Returns Based On    |            |
|---|---------------------|------------|
|   | <i>Market Price</i> | <i>NAV</i> |
| MUC <sup>(a)(b)</sup>                                 | (7.03)%             | 1.54%      |
| Lipper California Municipal Debt Funds <sup>(c)</sup> | (6.07)              | 1.15       |

- (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 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:**

The U.S. municipal bond market posted a narrow gain in the 12-month period, with the contribution from yield offsetting negative price performance. Although tax-exempt issues sold off sharply in early 2018 due to a spike in U.S. Treasury yields, the market was supported by the improving fundamentals of state and local issuers, as well as low new-issue supply from January onward. Short-term bonds, which have above-average sensitivity to Fed policy, generally lagged longer-term issues.

After a period of outperformance, California municipal bonds trailed the national market over the past 12 months due to the combination of richer valuations, tighter yield spreads, and significant new-issue supply.

Positions in high-grade, long-maturity bonds, especially those with shorter call dates, were the largest contributors to returns. (A call is when an issuer redeems a bond prior to its maturity date.) Such bonds outperformed in the sell-off, and then their prices quickly rebounded to account for the increased likelihood of being called after interest rates steadied. Health care and community college district bonds with these characteristics made even larger contributions, as their higher yield spreads led to both additional income and stronger relative price performance.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Given that Treasury yields rose, as prices fell, this aspect of the Fund's positioning had a positive effect on returns.

The Fund's use of leverage, while amplifying the impact of weak price performance, was a net contributor since it provided additional income. However, the cost of leverage increased due to rising short-term rates.

Positions in certain pre-refunded securities detracted from performance, as their short maturities were a headwind at a time of increasing interest rates. The Fund continued to hold the positions due to their attractive yields. 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 July 31, 2018 (continued)

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

|                 | <i>07/31/18</i> | <i>07/31/17</i> | <i>Change</i> | <i>High</i> | <i>Low</i> |
|-----------------|-----------------|-----------------|---------------|-------------|------------|
| Market Price    | \$ 13.07        | \$ 14.75        | (11.39)%      | \$ 15.19    | \$ 12.99   |
| Net Asset Value | 15.03           | 15.53           | (3.22)        | 15.71       | 14.84      |

**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>07/31/18</i> | <i>07/31/17</i> |
|--|-----------------|-----------------|
| County/City/Special District/School District | 37%             | 37%             |
| Health                                       | 19              | 18              |
| Utilities                                    | 16              | 16              |
| Transportation                               | 13              | 18              |
| Education                                    | 8               | 4               |
| State  | 6               | 5               |
| Corporate                                    | 1               | 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 <sup>(c)</sup>**

| Calendar Year Ended December 31, |    |
|----------------------------------|----|
| 2018                             | 4% |
| 2019                             | 13 |
| 2020                             | 4  |
| 2021                             | 13 |
| 2022                             | 4  |

<sup>(c)</sup> 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** <sup>(a)</sup>

| <i>Credit Rating</i> | <i>07/31/18</i> | <i>07/31/17</i> |
|----------------------|-----------------|-----------------|
| AAA/Aaa              | 14%             | 14%             |
| AA/Aa                | 67              | 70              |
| A                    | 12              | 13              |
| BBB/Baa              | 2               | 2               |
| N/R <sup>(b)</sup>   | 5               | 1               |

(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 and July 31, 2017, the market value of unrated securities deemed by the investment adviser to be investment grade each represents less than 1% of the Fund's total investments.

Fund Summary as of July 31, 2018

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 July 31, 2018 (\$12.90) <sup>(a)</sup> | 4.88%          |
| Tax Equivalent Yield <sup>(b)</sup>  | 9.72%          |
| Current Monthly Distribution per Common Share <sup>(c)</sup>               | \$0.0525       |
| Current Annualized Distribution per Common Share <sup>(c)</sup>            | \$0.6300       |
| Economic Leverage as of July 31, 2018 <sup>(d)</sup>                       | 39%            |

<sup>(a)</sup> 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.

<sup>(b)</sup> Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 49.77%, 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.

<sup>(c)</sup> The distribution rate is not constant and is subject to change.

<sup>(d)</sup> 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 12 months ended July 31, 2018 were as follows:

|   | Returns Based On |       |
|---|------------------|-------|
|   | Market Price     | NAV   |
| MUJ <sup>(a)(b)</sup>                                 | (8.55)%          | 3.52% |
| Lipper New Jersey Municipal Debt Funds <sup>(c)</sup> | (5.76)           | 2.25  |



- (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 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:**

The U.S. municipal bond market posted a narrow gain in the 12-month period, with the contribution from yield offsetting negative price performance. Although tax-exempt issues sold off sharply in early 2018 due to a spike in U.S. Treasury yields, the market was supported by the improving fundamentals of state and local issuers, as well as low new-issue supply from January onward.

New Jersey bonds outpaced the national market due in part to investors' positive reaction to legislation that redirected roughly \$1 billion annually in lottery proceeds to the state's pension funds.

Given that bond prices declined somewhat, the Fund's return was primarily derived from income. The Fund's use of leverage, while amplifying the impact of weak price performance, provided additional income and was therefore a net contributor. However, the cost of leverage increased due to rising short-term interest rates.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Since Treasury yields rose, as prices fell, this aspect of the Fund's positioning had a positive effect on returns.

At the sector level, positions in state tax-backed issues made the largest contribution to performance, followed by transportation and education.

Long-term bonds outperformed short-term debt, leading to a flattening of the yield curve. In this environment, the Fund's positions in bonds with maturities of 20 years and above generated positive returns. Longer-bonds' stronger performance also reflected their higher yields versus the market as a whole. Conversely, the Fund's positions in shorter-maturity debt weighed on results as interest rate increases by the Fed continued to push short-term yields higher.

Positions in higher-yielding, lower-rated bonds performed well and outpaced the broader market. The category was boosted by improving credit fundamentals and the combination of strong investor demand and limited new-issue supply. Overall, however, the Fund's emphasis on higher-quality bonds was a headwind to performance.

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 July 31, 2018 (continued)

BlackRock MuniHoldings New Jersey Quality Fund, Inc.

**Market Price and Net Asset Value Per Share Summary**

|                 | <i>07/31/18</i> | <i>07/31/17</i> | <i>Change</i> | <i>High</i> | <i>Low</i> |
|-----------------|-----------------|-----------------|---------------|-------------|------------|
| Market Price    | \$ 12.90        | \$ 14.88        | (13.31)%      | \$ 14.95    | \$ 12.90   |
| Net Asset Value | 15.28           | 15.57           | (1.86)        | 15.84       | 15.05      |

**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>07/31/18</i> | <i>07/31/17</i> |
|--|-----------------|-----------------|
| Transportation                               | 28%             | 27%             |
| Education                                    | 18              | 20              |
| State  | 18              | 19              |
| County/City/Special District/School District | 14              | 14              |
| Health                                       | 10              | 12              |
| Housing                                      | 5               | 4               |
| Utilities                                    | 3               | 2               |
| Corporate                                    | 2               | 2               |
| Tobacco                                      | 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 <sup>(b)</sup>**

| Calendar Year Ended December 31, |    |
|----------------------------------|----|
| 2018                             | 4% |
| 2019                             | 4  |
| 2020                             | 8  |
| 2021                             | 16 |
| 2022                             | 9  |

- (b) 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** <sup>(a)</sup>

| <i>Credit Rating</i> | <i>07/31/18</i> | <i>07/31/17</i> |
|----------------------|-----------------|-----------------|
| AAA/Aaa              | 7%              | 8%              |
| AA/Aa                | 38              | 43              |
| A                    | 21              | 31              |
| BBB/Baa              | 30              | 18              |
| N/R                  | 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.

Fund Summary as of July 31, 2018

**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 July 31, 2018 (\$13.03) <sup>(a)</sup> | 5.43%            |
| Tax Equivalent Yield <sup>(b)</sup>  | 9.17%            |
| Current Monthly Distribution per Common Share <sup>(c)</sup>               | \$0.0590         |
| Current Annualized Distribution per Common Share <sup>(c)</sup>            | \$0.7080         |
| Economic Leverage as of July 31, 2018 <sup>(d)</sup>                       | 42%              |

<sup>(a)</sup> 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.

<sup>(b)</sup> 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.

<sup>(c)</sup> The distribution rate is not constant and is subject to change.

<sup>(d)</sup> 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 12 months ended July 31, 2018 were as follows:

|  | Returns Based On    |            |
|--|---------------------|------------|
|  | <i>Market Price</i> | <i>NAV</i> |
| MFT <sup>(a)(b)</sup>  | (5.85)%             | 0.92%      |
| Lipper General & Insured Municipal Debt Funds (Leveraged) <sup>(c)</sup> | (4.84)              | 1.88       |

- (a) All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- (b) The Fund moved from a premium to NAV to a discount 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 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:**

The U.S. municipal bond market posted a narrow gain in the 12-month period, with the contribution from yield offsetting negative price performance. Although tax-exempt issues sold off sharply in early 2018 due to a spike in U.S. Treasury yields, the market was supported by the improving fundamentals of state and local issuers, as well as low new-issue supply from January onward.

Positions in bonds with maturities of 20 years and above made a strong contribution to the Fund's return. Longer-term bonds, in addition to generating stronger price performance than other market segments, also provided higher income.

Positions in A and BBB rated securities, particularly those in the transportation sector, were additive to results.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Since Treasury yields rose (as prices fell), this aspect of the Fund's positioning had a positive effect on returns.

The Fund's use of leverage, while amplifying the impact of weak price performance, was a net contributor since it provided additional income. However, the cost of leverage increased due to rising short-term interest rates.

The Fund's allocation to higher-quality securities detracted from performance relative to lower-rated issues, as the latter category provided higher income and stronger price performance. The Fund's quality guidelines restrict the purchase of non-investment grade securities.

Positions in bonds with shorter and intermediate maturities, which lagged those with longer-dated maturities, also detracted from performance.

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 July 31, 2018 (continued)

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

|                 | <i>07/31/18</i> | <i>07/31/17</i> | <i>Change</i> | <i>High</i> | <i>Low</i> |
|-----------------|-----------------|-----------------|---------------|-------------|------------|
| Market Price    | \$ 13.03        | \$ 14.67        | (11.18)%      | \$ 15.32    | \$ 12.75   |
| Net Asset Value | 13.90           | 14.60           | (4.79)        | 14.71       | 13.83      |

**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>07/31/18</i> | <i>07/31/17</i> |
|--|-----------------|-----------------|
| Transportation                               | 34%             | 39%             |
| Utilities                                    | 18              | 17              |
| County/City/Special District/School District | 16              | 17              |
| Health                                       | 12              | 11              |
| State  | 9               | 7               |
| Education                                    | 4               | 4               |
| Housing                                      | 4               | 3               |
| Tobacco                                      | 2               | 1               |
| Corporate                                    | 1               | 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 <sup>(c)</sup>**

| Calendar Year Ended December 31, |    |
|----------------------------------|----|
| 2018                             | 5% |
| 2019                             | 25 |
| 2020                             | 4  |
| 2021                             | 19 |
| 2022                             | 2  |



- (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** <sup>(a)</sup>

| <i>Credit Rating</i> | <i>07/31/18</i> | <i>07/31/17</i> |
|----------------------|-----------------|-----------------|
| AAA/Aaa              | 5%              | 7%              |
| AA/Aa                | 54              | 59              |
| A                    | 23              | 22              |
| BBB/Baa              | 12              | 11              |
| N/R <sup>(b)</sup>   | 6               | 1               |

- (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 July 31, 2018 and July 31, 2017, 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 July 31, 2018

**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 July 31, 2018 (\$12.89) <sup>(a)</sup> | 4.84%            |
| Tax Equivalent Yield <sup>(b)</sup>  | 8.81%            |
| Current Monthly Distribution per Common Share <sup>(c)</sup>               | \$0.0520         |
| Current Annualized Distribution per Common Share <sup>(c)</sup>            | \$0.6240         |
| Economic Leverage as of July 31, 2018 <sup>(d)</sup>                       | 40%              |

<sup>(a)</sup> 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.

<sup>(b)</sup> 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.

<sup>(c)</sup> The distribution rate is not constant and is subject to change.

<sup>(d)</sup> 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 12 months ended July 31, 2018 were as follows:

|   | Returns Based On    |            |
|---|---------------------|------------|
|   | <i>Market Price</i> | <i>NAV</i> |
| MIY <sup>(a)(b)</sup>                                   | (4.29)%             | 2.37%      |
| Lipper Other States Municipal Debt Funds <sup>(c)</sup> | (7.04)              | 0.69       |

- (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 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:**

The U.S. municipal bond market posted a narrow gain in the 12-month period, with the contribution from yield offsetting negative price performance. Although tax-exempt issues sold off sharply in early 2018 due to a spike in U.S. Treasury yields, the market was supported by the improving fundamentals of state and local issuers, as well as low new-issue supply from January onward. Short-term bonds, which have above-average sensitivity to Fed policy, generally lagged longer-term issues.

Michigan's municipal bond market outpaced the major national indexes due largely to a sharp decrease in new-issue supply. The state's economy continued to improve modestly, and net migration turned positive in 2017 for the first time this decade.

Given that bond prices declined somewhat, the Fund's return was primarily derived from income. The Fund's use of leverage, while amplifying the impact of weak price performance, provided additional income and was therefore a net contributor. However, the cost of leverage increased due to rising short-term interest rates.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Since Treasury yields rose (as prices fell), this aspect of the Fund's positioning had a positive effect on returns.

Investments in lower-rated bonds (those rated A and below), which outpaced higher-quality issues, contributed positively. From a sector perspective, the Fund's allocation to education issues made the largest contribution, while its holdings in the education sector detracted from performance.

The Fund's positions in bonds with two- to five-year maturities hurt performance, as this area lagged the rest of the market. This allocation is largely comprised of advance-refunded bonds that the Fund purchased in a higher-yield environment.

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



Fund Summary as of July 31, 2018 (continued)

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

|                 | <i>07/31/18</i> | <i>07/31/17</i> | <i>Change</i> | <i>High</i> | <i>Low</i> |
|-----------------|-----------------|-----------------|---------------|-------------|------------|
| Market Price    | \$ 12.89        | \$ 14.19        | (9.16)%       | \$ 14.35    | \$ 12.88   |
| Net Asset Value | 15.04           | 15.48           | (2.84)        | 15.63       | 14.88      |

**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>07/31/18</i> | <i>07/31/17</i> |
|--|-----------------|-----------------|
| Health                                       | 25%             | 26%             |
| Education                                    | 22              | 24              |
| County/City/Special District/School District | 18              | 17              |
| State  | 13              | 11              |
| Utilities                                    | 10              | 10              |
| Transportation                               | 6               | 7               |
| Housing                                      | 4               | 3               |
| 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 <sup>(c)</sup>**

| Calendar Year Ended December 31, |    |
|----------------------------------|----|
| 2018                             | 9% |
| 2019                             | 5  |
| 2020                             | 4  |
| 2021                             | 18 |
| 2022                             | 8  |

<sup>(c)</sup> 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** <sup>(a)</sup>

| <i>Credit Rating</i> | <i>07/31/18</i> | <i>07/31/17</i> |
|----------------------|-----------------|-----------------|
| AAA/Aaa              | 3%              | 5%              |
| AA/Aa                | 69              | 64              |
| A                    | 22              | 26              |
| BBB/Baa              | 3               | 3               |
| N/R <sup>(b)</sup>   | 3               | 2               |

<sup>(a)</sup> 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.

<sup>(b)</sup> 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 and July 31, 2017, the market value of unrated securities deemed by the investment adviser to be investment grade represents less than 1% and 1%, respectively, of the Fund's total investments.

Fund Summary as of July 31, 2018

**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 July 31, 2018 (\$13.26) <sup>(a)</sup> | 5.02%            |
| Tax Equivalent Yield <sup>(b)</sup>  | 8.94%            |
| Current Monthly Distribution per Common Share <sup>(c)</sup>               | \$0.0555         |
| Current Annualized Distribution per Common Share <sup>(c)</sup>            | \$0.6660         |
| Economic Leverage as of July 31, 2018 <sup>(d)</sup>                       | 41%              |

<sup>(a)</sup> 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.

<sup>(b)</sup> 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.

<sup>(c)</sup> The distribution rate is not constant and is subject to change.

<sup>(d)</sup> 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 12 months ended July 31, 2018 were as follows:

|   | Returns Based On    |            |
|---|---------------------|------------|
|   | <i>Market Price</i> | <i>NAV</i> |
| MPA <sup>(a)(b)</sup>                                   | (5.01)%             | 2.09%      |
| Lipper Pennsylvania Municipal Debt Funds <sup>(c)</sup> | (1.19)              | 1.02       |

- (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 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:**

The U.S. municipal bond market posted a narrow gain in the 12-month period, with the contribution from yield offsetting negative price performance. Although tax-exempt issues sold off sharply in early 2018 due to a spike in U.S. Treasury yields, the market was supported by the improving fundamentals of state and local issuers, as well as low new-issue supply from January onward.

Pennsylvania bonds performed well in the period, as the state benefited from stable growth in primary revenue sources such as income and sales tax, as well as new recurring revenues from casinos and legalized sports gambling. Additionally, the state was able to close its budget gap with the one-time issuance of the tobacco settlement bonds.

Given that bond prices declined somewhat, the Fund's return was primarily derived from income. The Fund's use of leverage, while amplifying the impact of weak price performance, provided additional income and was therefore a net contributor. However, the cost of leverage increased due to rising short-term interest rates.

Long-term bonds outperformed short-term debt, leading to a flattening of the yield curve. In this environment, the Fund's positions in bonds with maturities of 20 years and above generated positive returns. Longer-bonds' stronger performance also reflected their higher yields versus the market as a whole. Conversely, the Fund's positions in shorter-maturity debt weighed on results as interest rate increases by the Fed continued to push short-term yields higher.

Positions in higher-yielding, lower-rated bonds performed well and outpaced the broader market. The category was boosted by improving credit fundamentals and the combination of strong investor demand and limited new-issue supply. Overall, however, the Fund's emphasis on higher-quality bonds was a headwind to performance.

At the sector level, positions in health care, education and transportation issues made the largest contributions to performance.

The Fund sought to manage interest rate risk using U.S. Treasury futures. Since Treasury yields rose, as prices fell, this aspect of the Fund's positioning had a positive impact on returns.



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 July 31, 2018 (continued)

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

|                 | <i>07/31/18</i> | <i>07/31/17</i> | <i>Change</i> | <i>High</i> | <i>Low</i> |
|-----------------|-----------------|-----------------|---------------|-------------|------------|
| Market Price    | \$ 13.26        | \$ 14.69        | (9.73)%       | \$ 14.88    | \$ 13.23   |
| Net Asset Value | 15.27           | 15.74           | (2.99)        | 15.88       | 15.08      |

**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>07/31/18</i> | <i>07/31/17</i> |
|--|-----------------|-----------------|
| Education                                    | 23%             | 22%             |
| Health                                       | 18              | 20              |
| County/City/Special District/School District | 17              | 19              |
| State  | 13              | 13              |
| Transportation                               | 13              | 12              |
| Utilities                                    | 8               | 5               |
| Housing                                      | 6               | 7               |
| 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<sup>(d)</sup>**

| Calendar Year Ended December 31, |    |
|----------------------------------|----|
| 2018                             | 4% |
| 2019                             | 10 |
| 2020                             | 6  |
| 2021                             | 13 |
| 2022                             | 8  |

<sup>(d)</sup> 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** <sup>(a)</sup>

| <i>Credit Rating</i> | <i>07/31/18</i> | <i>07/31/17</i> |
|----------------------|-----------------|-----------------|
| AAA/Aaa              | 1%              | 1%              |
| AA/Aa                | 53              | 62              |
| A                    | 34              | 27              |
| BBB/Baa              | 8               | 8               |
| BB/Ba <sup>(b)</sup> |                 |                 |
| N/R <sup>(c)</sup>   | 4               | 2               |

(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 July 31, 2018 and July 31, 2017, the market value of unrated securities deemed by the investment adviser to be investment grade each represents less than 1% of the Fund's total investments.

## Schedule of Investments

## BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par<br/>(000)</i> | <i>Value</i> |
|--|----------------------|--------------|
| <b>Municipal Bonds 112.7%</b>  |                      |              |
| <b>California 112.7%</b>   |                      |              |
| <b>Corporate 0.4%</b>  |                      |              |
| City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%,<br>02/15/34   | \$ 2,435             | \$ 2,517,814 |
| <b>County/City/Special District/School District 34.9%</b>  |                      |              |
| California Municipal Finance Authority, ARB, Senior Lien-Linxs APM Project, AMT:<br>5.00%, 12/31/43  | 5,770                | 6,463,727    |
| 4.00%, 12/31/47  | 5,000                | 4,991,250    |
| 5.00%, 12/31/47  | 3,145                | 3,509,191    |
| Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%,<br>08/01/21 <sup>(a)</sup>                               | 9,120                | 10,231,819   |
| Chabot-Las Positas Community College District, GO, Election of 2016, Series A, 4.00%,<br>08/01/47  | 1,500                | 1,557,465    |
| Chaffey Joint Union High School District, GO, CAB, Election of 2012, Series C <sup>(b)</sup> :<br>0.00%, 08/01/32                            | 250                  | 150,710      |
| 0.00%, 08/01/33  | 500                  | 286,480      |
| 0.00%, 08/01/34  | 510                  | 278,531      |
| 0.00%, 08/01/35  | 545                  | 283,852      |
| 0.00%, 08/01/36  | 500                  | 248,125      |
| 0.00%, 08/01/37  | 650                  | 307,359      |
| 0.00%, 08/01/38  | 625                  | 281,938      |
| 0.00%, 08/01/39  | 750                  | 322,965      |
| 0.00%, 08/01/40  | 1,855                | 763,240      |
| 0.00%, 08/01/41  | 305                  | 120,085      |
| 0.00%, 02/01/42  | 350                  | 134,575      |
| County of Kern California, COP, Capital Improvements Projects, Series A (AGC), 6.00%,<br>02/01/19 <sup>(a)</sup>                             | 3,500                | 3,582,845    |
| County of Los Angeles California Public Works Financing Authority, Refunding RB, Series<br>D, 5.00%, 12/01/45                                | 1,430                | 1,624,952    |
| County of Orange California Sanitation District, COP, Series A, 5.00%, 02/01/19 <sup>(a)</sup>   | 2,500                | 2,547,450    |
| County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax,<br>Measure K, Series A, 6.00%, 03/01/21 <sup>(a)</sup> | 2,665                | 2,962,387    |
| County of San Luis Obispo Community College District, GO, Refunding Series B, 4.00%,<br>08/01/43   | 3,555                | 3,725,284    |
| County of Ventura California Community College District, GO, Election of 2002, Series C,<br>5.50%, 08/01/18 <sup>(a)</sup>                   | 4,000                | 4,000,000    |
| Denair California Unified School District, GO, CAB, Election of 2007 (AGM), 0.00%,<br>08/01/41 <sup>(b)</sup>                                | 4,260                | 1,560,566    |
| Fremont Union High School District, GO, Refunding, 4.00%, 08/01/40   | 2,500                | 2,594,525    |
| Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 08/01/40  | 5,500                | 6,250,695    |

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|  |              |              |
|--|--------------|--------------|
| Gavilan Joint Community College District, GO, Election of 2004, Series D <sup>(a)</sup> :                                |              |              |
| 5.50%, 08/01/21  | 2,170        | 2,418,725    |
| 5.75%, 08/01/21  | 8,400        | 9,424,044    |
| Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%,<br>07/15/21 <sup>(a)</sup>              |              |              |
|  | 2,000        | 2,258,740    |
| Imperial Irrigation District, Series A, Electric System Revenue <sup>(a)</sup> :   |              |              |
| 5.13%, 11/01/18  | 6,530        | 6,593,080    |
| 5.13%, 11/01/18  | 1,470        | 1,484,200    |
| Kern Community College District, GO, Safety Repair & Improvements, Series C:   |              |              |
| 5.25%, 11/01/32  | 5,715        | 6,614,084    |
| 5.75%, 11/01/34  | 12,085       | 14,212,806   |
|  | <i>Par</i>   |              |
| <i>Security</i>  | <i>(000)</i> | <i>Value</i> |
| <b>County/City/Special District/School District (continued)</b>  |              |              |
| Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement:                                      |              |              |
| 5.25%, 08/01/23 <sup>(a)</sup>   | \$ 2,185     | \$ 2,536,916 |
| 5.25%, 08/01/39  | 1,515        | 1,719,480    |
| Los Angeles California Unified School District, GO, Election of 2008, Series B-1, 5.25%,<br>07/01/42                     |              |              |
|  | 5,725        | 6,826,261    |
| Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 08/01/20 <sup>(a)</sup>                      |              |              |
|  | 11,000       | 11,752,510   |
| Mount San Jacinto Community College District, GO, Series A, 5.00%, 08/01/35  |              |              |
|  | 3,565        | 4,094,402    |
| Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM),<br>5.00%, 08/01/20 <sup>(a)</sup>    |              |              |
|  | 10,000       | 10,684,100   |
| Rio Elementary School District, GO, Series A (AGM), 5.25%, 08/01/40  |              |              |
|  | 5,865        | 6,736,187    |
| Riverside County Public Financing Authority, Tax Allocation Bonds, Series A (BAM),<br>4.00%, 10/01/40                    |              |              |
|  | 2,545        | 2,609,745    |
| San Benito High School District, GO, Election of 2016, 4.00%, 08/01/48 <sup>(c)</sup>                                    |              |              |
|  | 5,000        | 5,128,350    |
| San Diego California Unified School District, GO, CAB, Election of 2008, Series K-2 <sup>(b)</sup> :                     |              |              |
| 0.00%, 07/01/38  | 2,755        | 1,279,505    |
| 0.00%, 07/01/39  | 3,340        | 1,484,697    |
| 0.00%, 07/01/40  | 4,285        | 1,826,353    |
| San Diego Regional Building Authority, RB, County Operations Center & Annex, Series<br>A, 5.50%, 02/01/19 <sup>(a)</sup> |              |              |
|  | 905          | 924,412      |
| San Jose California Financing Authority, LRB, Convention Center Expansion &<br>Renovation Project, Series A:             |              |              |
| 5.75%, 05/01/36  | 2,560        | 2,568,038    |
| 5.75%, 05/01/42  | 4,500        | 4,928,490    |
| San Jose California Financing Authority, Refunding LRB, Civic Center Project, Series A,<br>5.00%, 06/01/39               |              |              |
|  | 5,800        | 6,461,316    |
| San Marcos Public Facilities Authority, Refunding, Special Tax Bonds:  |              |              |
| 5.00%, 09/01/34  | 1,355        | 1,577,667    |
| 5.00%, 09/01/35  | 1,535        | 1,780,032    |
| San Marcos Redevelopment Agency Successor Agency, Refunding, Tax Allocation<br>Bonds, Series A:                          |              |              |
| 5.00%, 10/01/32  | 1,700        | 1,954,269    |
| 5.00%, 10/01/33  | 1,125        | 1,286,179    |
| San Marcos Unified School District, GO, Refunding, 4.00%, 08/01/37   |              |              |
|  | 4,000        | 4,222,800    |
| Santa Clarita Community College District, GO, Refunding, 4.00%, 08/01/46   |              |              |
|  | 10,000       | 10,402,800   |
| Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC), 5.75%,<br>09/01/19 <sup>(a)</sup>        |              |              |
|  | 5,635        | 5,899,394    |
|  | 1,625        | 1,891,013    |

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|   |        |             |
|---|--------|-------------|
| Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%,<br>08/01/38                                  |        |             |
| West Contra Costa California Unified School District, GO:<br>Election of 2010, Series A (AGM), 5.25%, 08/01/21 <sup>(a)</sup> | 5,390  | 5,968,509   |
| Election of 2010, Series B, 5.50%, 08/01/39   | 3,195  | 3,673,419   |
| Election of 2012, Series A, 5.50%, 08/01/39   | 2,500  | 2,874,350   |
|   |        | 214,876,889 |
| <b>Education 7.7%</b>   |        |             |
| California Municipal Finance Authority, RB, Emerson College, 6.00%, 01/01/22 <sup>(a)</sup>                                   | 2,750  | 3,140,555   |
| California State University, Refunding RB, Systemwide, Series A, 5.00%, 11/01/48 <sup>(c)</sup>                               | 10,000 | 11,647,100  |
| California Statewide Communities Development Authority, COP, Total Road<br>Improvement Program, Series B, 3.50%, 12/01/46     | 1,740  | 1,700,119   |
| California Statewide Communities Development Authority, RB, Green Bond, Marin<br>General Hospital, 4.00%, 08/01/45            | 2,500  | 2,540,775   |

Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par<br/>(000)</i> | <i>Value</i> |
|---|----------------------|--------------|
| <b>Education (continued)</b>  |                      |              |
| California Statewide Communities Development Authority, Refunding RB:   |                      |              |
| CHF-Irvine LLC, 5.00%, 05/15/40   | \$ 750               | \$ 832,530   |
| Front Porch Communities and Services, 4.00%, 04/01/42   | 3,005                | 3,048,903    |
| John Muir Health, Series A, 5.00%, 12/01/53   | 1,000                | 1,126,110    |
| John Muir Health, Series A, 4.00%, 12/01/57   | 3,250                | 3,271,158    |
| John Muir Health, Series A, 5.00%, 12/01/57   | 1,750                | 1,970,693    |
| University of California, Refunding RB:   |                      |              |
| Series AO, 5.00%, 05/15/40  | 5,430                | 6,185,041    |
| Series AZ, 4.00%, 05/15/48  | 6,000                | 6,171,240    |
| Series AZ, 5.00%, 05/15/48  | 5,000                | 5,782,700    |
|   |                      | 47,416,924   |
| <b>Health 18.6%</b>   |                      |              |
| ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B, 6.25%, 08/01/19 <sup>(a)</sup> | 6,305                | 6,612,558    |
| California Health Facilities Financing Authority, RB:   |                      |              |
| Children s Hospital, Series A, 5.25%, 11/01/41  | 8,000                | 8,818,560    |
| Lucile Slater Packard Children s Hospital at Stanford, Series A, 4.00%, 11/15/47                                      | 825                  | 846,227      |
| Providence Health Services, Series B, 5.50%, 10/01/39   | 4,130                | 4,313,413    |
| Sutter Health, Series A, 4.00%, 11/15/42  | 450                  | 464,800      |
| Sutter Health, Series A, 5.00%, 11/15/48  | 8,295                | 9,435,894    |
| Sutter Health, Series B, 6.00%, 08/15/20 <sup>(a)</sup>   | 9,655                | 10,531,191   |
| California Health Facilities Financing Authority, Refunding RB, Series A:   |                      |              |
| Dignity Health, 6.00%, 07/01/19 <sup>(a)</sup>  | 3,700                | 3,857,435    |
| Providence Health and Services, 5.00%, 10/01/38   | 10,970               | 12,373,502   |
| St. Joseph Health System, 5.00%, 07/01/37   | 10,000               | 11,071,000   |
| California Municipal Finance Authority, Refunding RB, Community Medical Centers, Series A:                            |                      |              |
| 5.00%, 02/01/37   | 3,110                | 3,457,574    |
| 5.00%, 02/01/42   | 5,250                | 5,812,327    |
| California Public Finance Authority, Refunding RB, Sharp Healthcare, Series A, 5.00%, 08/01/47                        | 2,110                | 2,378,392    |
| California Statewide Communities Development Authority, RB, Huntington Memorial Hospital Project, 4.00%, 07/01/48     | 2,220                | 2,248,993    |
| California Statewide Communities Development Authority, Refunding RB:   |                      |              |
| Front Porch Communities and Services, 4.00%, 04/01/47   | 2,655                | 2,680,090    |
| Front Porch Communities and Services, 5.00%, 04/01/47   | 2,995                | 3,323,402    |
| John Muir Health, Series A, 5.00%, 08/15/51   | 1,635                | 1,824,889    |
| Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41  | 6,235                | 6,853,637    |
| County of Santa Clara California, GO, Election of 2008, Series B, 4.00%, 08/01/43                                     | 10,225               | 10,529,603   |
| Fremont Union High School District, GO, Refunding Series A, 4.00%, 08/01/46   | 7,000                | 7,301,140    |

|   |              |    |              |
|---|--------------|----|--------------|
|   |              |    | 114,734,627  |
| <b>State 9.9%</b>   |              |    |              |
| State of California, GO:  |              |    |              |
| Various Purpose, 6.00%, 04/01/19 <sup>(a)</sup>   | 9,820        |    | 10,129,919   |
| Various Purpose, 6.00%, 04/01/38  | 17,945       |    | 18,462,713   |
| Various Purposes, 6.00%, 03/01/33   | 5,000        |    | 5,344,350    |
| Refunding, 5.00%, 08/01/45  | 11,190       |    | 12,767,342   |
| Refunding Various Purpose, 5.00%, 10/01/39  | 2,545        |    | 2,915,450    |
| Refunding Veterans Bond, 4.00%, 12/01/40  | 4,000        |    | 4,110,240    |
|   | <i>Par</i>   |    |              |
|   | <i>(000)</i> |    | <i>Value</i> |
| <i>Security</i>   |              |    |              |
| <b>State (continued)</b>  |              |    |              |
| State of California Public Works Board, LRB:  |              |    |              |
| Department of Education, Riverside Campus Project, Series B, 6.50%, 04/01/19 <sup>(a)</sup>                           | \$ 3,670     | \$ | 3,797,900    |
| Various Capital Projects, Series I, 5.50%, 11/01/33   | 2,015        |    | 2,326,539    |
| State of California Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31                       | 1,205        |    | 1,344,407    |
|   |              |    | 61,198,860   |
| <b>Tobacco 2.0%</b>   |              |    |              |
| Golden State Tobacco Securitization Corp., Refunding RB, Series A-1, 3.50%, 06/01/36                                  | 11,915       |    | 11,980,533   |
| <b>Transportation 17.3%</b>   |              |    |              |
| Alameda Corridor Transportation Authority, Refunding RB, 2nd Subordinate Lien, Series B, 5.00%, 10/01/35              | 1,500        |    | 1,685,700    |
| City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series A:                          |              |    |              |
| 2nd, 5.00%, 05/01/29  | 6,435        |    | 7,057,586    |
| San Francisco International Airport, 5.00%, 05/01/41  | 5,000        |    | 5,569,400    |
| City & County of San Francisco California Airports Commission, Refunding RB, Second Series E:                         |              |    |              |
| 6.00%, 05/01/19 <sup>(a)</sup>  | 745          |    | 770,993      |
| 6.00%, 05/01/39   | 8,905        |    | 9,204,831    |
| City of Los Angeles California Department of Airports, ARB:   |              |    |              |
| Los Angeles International Airport, Senior, Series D, 5.25%, 05/15/29  | 2,590        |    | 2,760,966    |
| Senior Series A, AMT, 5.00%, 05/15/40   | 3,830        |    | 4,277,038    |
| Series D, AMT, 5.00%, 05/15/35  | 2,000        |    | 2,247,780    |
| Series D, AMT, 5.00%, 05/15/36  | 1,500        |    | 1,682,895    |
| Sub-Series A, AMT, 5.00%, 05/15/47  | 2,440        |    | 2,732,288    |
| City of Los Angeles California Department of Airports, RB, Subordinate, Series C, AMT, 5.00%, 05/15/44 <sup>(c)</sup> | 4,285        |    | 4,833,266    |
| City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles International Airport, Series A:    |              |    |              |
| Senior, 5.00%, 05/15/40   | 3,000        |    | 3,167,910    |
| 5.25%, 05/15/39   | 5,845        |    | 6,008,075    |
| 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        |    | 3,453,010    |
| Series A, 5.00%, 03/01/47   | 11,770       |    | 13,151,798   |
| Series A-1, 5.25%, 03/01/23   | 3,785        |    | 4,094,802    |
| Series A-1, 6.25%, 03/01/34   | 1,400        |    | 1,553,748    |



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|   |       |             |
|---|-------|-------------|
| County of Sacramento California Airport System Revenue, Refunding ARB:  |       |             |
| Airport System Subordinate Revenue, Sub-Series B, 5.00%, 07/01/41   | 1,250 | 1,414,575   |
| Senior Series A, 5.00%, 07/01/41  | 2,500 | 2,838,525   |
| County of San Bernardino California Transportation Authority, RB, Series A, 5.25%, 03/01/40                               | 4,545 | 5,187,072   |
| County of San Diego Regional Airport Authority, ARB, Subordinate, Series B, AMT, 5.00%, 07/01/47                          | 5,845 | 6,525,475   |
| County of San Diego Regional Airport Authority, Refunding ARB, Subordinate, Series A, 5.00%, 07/01/42                     | 4,275 | 4,899,706   |
| Port of Los Angeles California Harbor Department, RB, Series B, 5.25%, 08/01/19 <sup>(a)</sup>                            | 5,530 | 5,745,172   |
| Port of Los Angeles California Harbor Department, Refunding RB, Series A, AMT, 5.00%, 08/01/44                            | 500   | 558,000     |
| San Francisco Municipal Transportation Agency, RB, 4.00%, 03/01/46  | 5,000 | 5,206,400   |
|   |       | 106,627,011 |
| <b>Utilities 21.9%</b>  |       |             |
| Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A, 5.38%, 04/01/21 <sup>(a)</sup> | 2,200 | 2,419,934   |

SCHEDULES OF INVESTMENTS

17

Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par<br/>(000)</i> | <i>Value</i> |
|--|----------------------|--------------|
| <b>Utilities (continued)</b>   |                      |              |
| City & County of San Francisco Public Utilities Commission Wastewater Revenue, Refunding RB, Sewer System, Series B, 4.00%, 10/01/42 | \$ 3,000             | \$ 3,101,040 |
| City of Los Angeles California Department of Water & Power, RB, Water System, Series A, 5.38%, 07/01/38                              | 9,375                | 9,529,312    |
| City of Los Angeles California Department of Water & Power, Refunding RB, Water System, Series A, 5.25%, 07/01/39                    | 16,000               | 17,365,280   |
| City of Los Angeles California Wastewater System Revenue, Refunding RB, Sub-Series A:  |                      |              |
| 5.00%, 06/01/20 <sup>(a)</sup>   | 1,325                | 1,407,654    |
| 5.00%, 06/01/28  | 675                  | 714,967      |
| City of Richmond California Wastewater Revenue, Refunding RB, Series A, 5.25%, 08/01/47  | 9,105                | 10,655,126   |
| City of San Francisco California Public Utilities Commission Water Revenue, RB:  |                      |              |
| Series A, 5.00%, 11/01/39  | 5,245                | 5,898,265    |
| Series B, 5.00%, 11/01/19 <sup>(a)</sup>   | 10,000               | 10,451,000   |
| County of Los Angeles Facilities Inc., RB, Vermont Corridor County Administration Building, Series A, 5.00%, 12/01/51                | 18,270               | 20,986,542   |
| County of Los Angeles Sanitation Districts Financing Authority, RB, Series A, 4.00%, 10/01/42  | 4,935                | 5,130,081    |
| Dublin-San Ramon Services District Water Revenue, Refunding RB, 6.00%, 02/01/21 <sup>(a)</sup>                                       | 4,000                | 4,433,320    |
| East Bay California Municipal Utility District Water System Revenue, RB, Green Bond, Series A, 4.00%, 06/01/45                       | 4,585                | 4,793,159    |
| El Dorado Irrigation District/El Dorado County Water Agency, Refunding RB, Series A (AGM), 5.25%, 03/01/39                           | 10,000               | 11,351,400   |
| Los Angeles Department of Water, Refunding RB, Series A, 5.00%, 07/01/41   | 5,230                | 6,023,600    |
| San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A <sup>(a)</sup> :<br>5.25%, 05/15/19             | 10,000               | 10,312,500   |
| 5.25%, 05/15/19  | 1,060                | 1,093,125    |
| San Diego Unified School District, GO, Election of 2012, Green Bonds, Series G, 4.00%, 07/01/45                                      | 1,360                | 1,418,398    |
| San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 02/01/33  | 7,325                | 8,088,705    |
|  |                      | 135,173,408  |
| <b>Total Municipal Bonds 112.7%</b>  |                      |              |
| <b>(Cost \$669,906,261)</b>  |                      | 694,526,066  |

**Municipal Bonds Transferred to Tender Option Bond Trusts<sup>(d)</sup>****California 61.5%****County/City/Special District/School District 29.4%**

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|   |              |               |
|---|--------------|---------------|
| County of Riverside California Public Financing Authority, RB, Capital Facilities Project, 5.25%, 11/01/45                              | 10,000       | 11,538,700    |
| County of San Luis California Obispo Community College District, GO, Refunding Election of 2014, Series A, 4.00%, 08/01/40              | 6,585        | 6,856,803     |
| County of San Mateo California Community College District, GO, Election of 2014, Series A, 5.00%, 09/01/45                              | 17,615       | 20,125,650    |
| Foothill-De Anza Community College District, GO, Series C, 5.00%, 08/01/21 <sup>(a)</sup>   | 40,000       | 43,972,050    |
| Los Angeles Community College District California, GO <sup>(a)</sup> :<br>Election of 2001, Series E-1, 5.00%, 08/01/18                 | 11,770       | 11,770,000    |
| Election of 2003, Series F-1, 5.00%, 08/01/18   | 10,000       | 10,000,000    |
|   | <i>Par</i>   | <i>Value</i>  |
| <i>Security</i>   | <i>(000)</i> |               |
| <b>County/City/Special District/School District (continued)</b>   |              |               |
| Los Angeles Community College District California, GO, Refunding, Election of 2008, Series A, 6.00%, 08/01/19 <sup>(a)</sup>            | \$ 9,596     | \$ 10,035,514 |
| Palomar Community College District, GO, Election of 2006, Series C, 5.00%, 08/01/44   | 15,140       | 17,300,705    |
| Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/43              | 9,990        | 11,385,869    |
| Southwestern Community College District, GO, Election of 2008, Series D, 5.00%, 08/01/44  | 10,820       | 12,192,950    |
| Visalia Unified School District, COP, (AGM), 4.00%, 05/01/48  | 8,493        | 8,574,442     |
| West Valley-Mission Community College District, GO, Election of 2012, Series B, 4.00%, 08/01/40   | 17,000       | 17,758,455    |
|   |              | 181,511,138   |
| <b>Education 5.8%</b>   |              |               |
| California State University, Refunding RB, Series A, 5.00%, 11/01/43  | 6,001        | 6,804,147     |
| University of California, RB:<br>Series AM, 5.25%, 05/15/44   | 10,210       | 11,699,894    |
| Series O, 5.75%, 05/15/19 <sup>(a)</sup>  | 11,193       | 11,578,618    |
| University of California, Refunding RB, Series AF, 5.00%, 05/15/39  | 5,000        | 5,590,100     |
|   |              | 35,672,759    |
| <b>Health 15.2%</b>   |              |               |
| California Health Facilities Financing Authority, Refunding RB, Kaiser Permanent, Sub-Series A-2, 4.00%, 11/01/44                       | 17,720       | 18,266,485    |
| California Health Facilities Financing Authority, RB:<br>Lucile Salter Packard Children s Hospital at Stanford, 5.00%, 11/15/56         | 6,000        | 6,763,760     |
| Sutter Health, Series A, 5.00%, 08/15/52  | 14,520       | 15,794,420    |
| California Health Facilities Financing Authority, Refunding RB:<br>Lucile Salter Packard Children s Hospital, Series B, 5.00%, 08/15/55 | 4,500        | 5,022,630     |
| Providence St. Joseph Health, Series A, 4.00%, 10/01/47   | 4,997        | 5,126,705     |
| Sutter Health, Series A, 5.00%, 08/15/43  | 19,425       | 21,761,994    |
| California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A, 5.00%, 04/01/42                                | 19,070       | 20,767,993    |
|   |              | 93,503,987    |
| <b>Transportation 5.7%</b>  |              |               |
| Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, 4.00%, 04/01/49 <sup>(e)</sup>                               | 10,005       | 10,337,566    |
|   | 13,331       | 14,874,081    |

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|   |        |            |
|---|--------|------------|
| City of Los Angeles California Department of Airports, ARB, Series D, AMT, 5.00%,<br>05/15/41           |        |            |
| City of Los Angeles California Department of Airports, RB, AMT:   |        |            |
| Los Angeles International Airport, Series B, 5.00%, 05/15/41  | 3,641  | 4,054,667  |
| Senior Revenue, Series A, 5.00%, 05/15/40   | 5,500  | 6,141,382  |
|   |        | 35,407,696 |
| <b>Utilities 5.4%</b>   |        |            |
| City of Los Angeles California Wastewater System Revenue, RB, Green Bonds, Series A,<br>5.00%, 06/01/44 | 13,790 | 15,683,367 |
| East Bay California Municipal Utility District Water System Revenue, RB, Series C,<br>5.00%, 06/01/44   | 11,000 | 12,450,460 |

Schedule of Investments (continued)

**BlackRock MuniHoldings California Quality Fund, Inc. (MUC)**

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par<br/>(000)</i> | <i>Value</i>          |
|--|----------------------|-----------------------|
| <b>Utilities (continued)</b>   |                      |                       |
| Rancho Water District Financing Authority, Refunding RB, Series A (AGM):                         |                      |                       |
| 5.00%, 08/01/18 <sup>(a)</sup>   | \$ 2,013             | \$ 2,013,064          |
| 5.00%, 08/01/34  | 2,995                | 2,995,182             |
|  |                      | 33,142,073            |
| <b>Total Municipal Bonds Transferred to Tender Option Bond</b>                                   |                      |                       |
| <b>Trusts 61.5%</b>  |                      |                       |
| <b>(Cost \$369,643,871)</b>  |                      | 379,237,653           |
| <b>Total Investments 174.2%</b>  |                      |                       |
| <b>(Cost \$1,039,550,132)</b>  |                      | 1,073,763,719         |
| <b>Liabilities in Excess of Other Assets (2.7)%</b>  |                      | (16,587,631)          |
| <b>Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (30.3)%</b> |                      | (186,788,797)         |
| <b>VMTP Shares at Liquidation Value (41.2)%</b>  |                      | (254,000,000)         |
| <b>Net Assets Applicable to Common Shares 100.0%</b>   |                      | <b>\$ 616,387,291</b> |

- (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) 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 expires on April 1, 2025, is \$6,875,658. See Note 4 of the Notes to Financial Statements for details.

During the year ended July 31, 2018, 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<br/>Held at<br/>07/31/17</i> | <i>Net<br/>Activity</i> | <i>Shares<br/>Held at<br/>07/31/18</i> | <i>Value<br/>at<br/>07/31/18</i> | <i>Change<br/>in<br/>Net Unrealized<br/>Realized<br/>Appreciation</i> |                    |                       |
|------------------|--|-------------------------|--|----------------------------------|---|--------------------|-----------------------|
|                  |  |                         |  |                                  | <i>Income</i>   | <i>Gain (Loss)</i> | <i>(Depreciation)</i> |
|                  | 593,400                                | (593,400)               |  | \$                               | \$ 38,515   | \$ 2,507           | \$                    |

BlackRock Liquidity Funds,  
MuniCash, Institutional Class

(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<br/>Contracts</i> | <i>Expiration<br/>Date</i> | <i>Notional<br/>Amount (000)</i> | <i>Value/<br/>Unrealized<br/>Appreciation<br/>(Depreciation)</i> |
|----------------------------|--------------------------------|----------------------------|----------------------------------|--|
| Short Contracts:           |                                |                            |                                  |  |
| 10-Year U.S. Treasury Note | 127                            | 09/19/18                   | \$ 15,167                        | \$ 100,970   |
| Long U.S. Treasury Bond    | 246                            | 09/19/18                   | 35,170                           | 265,350  |
| 5-Year U.S. Treasury Note  | 61                             | 09/28/18                   | 6,901                            | 14,361   |
|                            |                                |                            |                                  | \$ 380,681   |

### 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:

| <b>Assets</b>                               | <b>Commodity<br/>Contracts</b> | <b>Credit<br/>Contracts</b> | <b>Equity<br/>Contracts</b> | <b>Foreign<br/>Currency<br/>Exchange<br/>Contracts</b> | <b>Interest<br/>Rate<br/>Contracts</b> | <b>Other<br/>Contracts</b> | <b>Total</b> |
|---|--------------------------------|-----------------------------|-----------------------------|--|--|----------------------------|--------------|
| <b>Derivative Financial<br/>Instruments</b> |                                |                             |                             |  |  |                            |              |
| Futures contracts                           |                                |                             |                             |  |  |                            |              |
| Net unrealized appreciation <sup>(a)</sup>  | \$                             | \$                          | \$                          | \$   | \$ 380,681                             | \$                         | \$ 380,681   |

(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.



Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

July 31, 2018

For the year ended July 31, 2018, the effect of derivative financial instruments in the Statements of Operations were as follows:

|   | <i>Commodity<br/>Contracts</i> | <i>Credit<br/>Contracts</i> | <i>Equity<br/>Contracts</i> | <i>Foreign<br/>Currency<br/>Exchange<br/>Contracts</i> | <i>Interest<br/>Rate<br/>Contracts</i> | <i>Other<br/>Contracts</i> | <i>Total</i> |
|---|--------------------------------|-----------------------------|-----------------------------|--|--|----------------------------|--------------|
| <b>Net Realized Gain (Loss)<br/>from:</b>                               |                                |                             |                             |  |  |                            |              |
| Futures contracts   | \$                             | \$                          | \$                          | \$   | \$ 3,131,031                           | \$                         | \$ 3,131,031 |
| <b>Net Change in Unrealized<br/>Appreciation (Depreciation)<br/>on:</b> |                                |                             |                             |  |  |                            |              |
| Futures contracts   | \$                             | \$                          | \$                          | \$   | \$ 437,957                             | \$                         | \$ 437,957   |

#### Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short \$ 56,092,482

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 <sup>(a)</sup>            | \$             | \$ 1,073,763,719 | \$             | \$ 1,073,763,719 |
| Derivative Financial Instruments <sup>(b)</sup> |                |                  |                |                  |
| Assets:   |                |                  |                |                  |



|                         |            |    |    |            |
|-------------------------|------------|----|----|------------|
| Interest rate contracts | \$ 380,681 | \$ | \$ | \$ 380,681 |
|-------------------------|------------|----|----|------------|

(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           | \$             | \$ (185,905,192) | \$             | \$ (185,905,192) |
| VMTP Shares at Liquidation Value |                | (254,000,000)    |                | (254,000,000)    |
|                                  | \$             | \$ (439,905,192) | \$             | \$ (439,905,192) |

During the year ended July 31, 2018, there were no transfers between levels.

*See notes to financial statements.*

## Schedule of Investments

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

July 31, 2018

(Percentages shown are based on Net Assets)

|   | <i>Par</i>   | <i>Value</i> |
|---|--------------|--------------|
|   | <i>(000)</i> |              |
| <i>Security</i>   |              |              |
| <b>Municipal Bonds 139.1%</b>   |              |              |
| <b>New Jersey 139.1%</b>  |              |              |
| <b>Corporate 4.4%</b>   |              |              |
| New Jersey EDA, RB, Provident Group-Kean Properties, Series A, 5.00%, 07/01/47  | \$ 795       | \$ 854,236   |
| New Jersey EDA, Refunding RB:   |              |              |
| Duke Farms Foundation Project, 4.00%, 07/01/46  | 2,770        | 2,882,434    |
| New Jersey American Water Co., Inc. Project, Series A, AMT, 5.70%, 10/01/39   | 7,500        | 7,785,675    |
| New Jersey American Water Co., Inc. Project, Series B, AMT, 5.60%, 11/01/34   | 3,150        | 3,316,352    |
| Provident Group-Montclair Properties LLC (AGM), 5.00%, 06/01/42   | 4,790        | 5,281,789    |
|   |              | 20,120,486   |
| <b>County/City/Special District/School District 16.5%</b>   |              |              |
| Borough of Edgewater New Jersey Board of Education, GO, Refunding, (AGM) <sup>(a)</sup> :                               |              |              |
| 4.25%, 03/01/20   | 1,535        | 1,598,472    |
| 4.25%, 03/01/20   | 1,600        | 1,666,160    |
| 4.30%, 03/01/20   | 1,670        | 1,740,340    |
| Casino Reinvestment Development Authority, Refunding RB:  |              |              |
| 5.25%, 11/01/39   | 11,130       | 11,929,802   |
| 5.25%, 11/01/44   | 3,755        | 4,018,376    |
| City of Bayonne New Jersey, GO, Refunding, Qualified General Improvement (BAM),   |              |              |
| 5.00%, 07/01/39   | 3,340        | 3,673,900    |
| City of Perth Amboy New Jersey, GO, CAB, Refunding (AGM):   |              |              |
| 5.00%, 07/01/32   | 2,210        | 2,214,022    |
| 5.00%, 07/01/33   | 670          | 671,206      |
| 5.00%, 07/01/35   | 595          | 596,083      |
| 5.00%, 07/01/37   | 705          | 706,234      |
| County of Essex New Jersey, GO, Vocational School, Series B, 3.00%, 09/01/46  | 2,700        | 2,380,239    |
| County of Essex New Jersey Improvement Authority, Refunding RB, Project Consolidation (NPFGC):                          |              |              |
| 5.50%, 10/01/27   | 250          | 306,710      |
| 5.50%, 10/01/28   | 4,840        | 5,983,982    |
| County of Hudson New Jersey Improvement Authority, RB:  |              |              |
| CAB, Series A-1 (NPFGC), 0.00%, 12/15/32 <sup>(b)</sup>   | 1,000        | 605,680      |
| Harrison Parking Facility Project, Series C (AGC), 5.25%, 01/01/39  | 3,000        | 3,043,680    |
| Harrison Parking Facility Project, Series C (AGC), 5.38%, 01/01/44  | 5,000        | 5,074,750    |
| County of Middlesex New Jersey Improvement Authority, RB, Senior Citizens Housing Project, AMT (AMBAC), 5.50%, 09/01/30 | 500          | 501,605      |
| County of Monmouth New Jersey Improvement Authority, Refunding RB, Governmental Loan (AMBAC):                           |              |              |
| 5.00%, 12/01/18   | 5            | 5,015        |
| 5.38%, 12/01/18   | 5            | 5,016        |
| 5.00%, 12/01/19   | 5            | 5,013        |

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|  |              |              |
|--|--------------|--------------|
| County of Union New Jersey, GO, Refunding <sup>(a)</sup> :   |              |              |
| 4.00%, 03/01/21  | 75           | 79,064       |
| 4.00%, 03/01/21  | 70           | 73,793       |
| 4.00%, 03/01/21  | 80           | 84,334       |
| 4.00%, 03/01/21  | 3,575        | 3,777,989    |
| 4.00%, 03/01/21  | 3,580        | 3,783,272    |
| 4.00%, 03/01/21  | 4,045        | 4,274,675    |
| County of Union New Jersey Utilities Authority, Refunding RB, Resources Recovery Facility, Covanta Union, Inc., AMT, Series A, 5.25%, 12/01/31 |              |              |
|  | 650          | 711,997      |
| New Jersey EDA, RB, Motor Vehicle Surcharge, Series A <sup>(c)</sup> :   |              |              |
| 5.25%, 07/01/26  | 1,415        | 1,704,070    |
| (NPFGC), 5.25%, 07/01/25   | 535          | 636,094      |
|  | <i>Par</i>   |              |
|  | <i>(000)</i> | <i>Value</i> |
| <i>Security</i>  |              |              |
| <b>County/City/Special District/School District (continued)</b>  |              |              |
| New Jersey Sports & Exposition Authority, Refunding RB, (NPFGC) <sup>(c)</sup> :   |              |              |
| 5.50%, 03/01/21  | \$ 7,430     | \$ 8,112,148 |
| 5.50%, 03/01/22  | 4,200        | 4,711,602    |
| Township of Irvington New Jersey, GO, Refunding Series A (AGM), 5.00%, 07/15/33  | 1,175        | 1,304,932    |
|  |              | 75,980,255   |
| <b>Education 25.7%</b>   |              |              |
| County of Gloucester New Jersey Improvement Authority, RB, Rowan University General Capital Improvement Projects:                              |              |              |
| 5.00%, 07/01/44  | 1,985        | 2,170,201    |
| Series A, 5.00%, 07/01/31  | 1,950        | 2,194,433    |
| Series A, 5.00%, 07/01/32  | 1,775        | 1,995,136    |
| Series A, 5.00%, 07/01/33  | 2,250        | 2,520,090    |
| Series A, 5.00%, 07/01/34  | 1,200        | 1,340,880    |
| New Jersey EDA, LRB, Rutgers The State University of New Jersey, College Avenue Redevelopment Project, 5.00%, 06/15/33                         |              |              |
|  | 3,065        | 3,418,640    |
| New Jersey EDA, RB, Series A:  |              |              |
| Foundation Academy Charter School Project, 5.00%, 07/01/38   | 190          | 203,851      |
| Foundation Academy Charter School Project, 5.00%, 07/01/50   | 495          | 526,304      |
| Provident Group Rowan Properties LLC, 5.00%, 01/01/35  | 2,000        | 2,131,900    |
| Provident Group Rowan Properties LLC, 5.00%, 01/01/48  | 2,000        | 2,110,940    |
| New Jersey Educational Facilities Authority, RB:   |              |              |
| Higher Educational Capital Improvement Fund, Series A, 4.00%, 09/01/28   | 9,705        | 9,899,100    |
| Higher Educational Capital Improvement Fund, Series A, 5.00%, 09/01/33   | 5,370        | 5,755,942    |
| Rider University Issue, Series F, 4.00%, 07/01/42  | 2,365        | 2,269,832    |
| Rider University Issue, Series F, 5.00%, 07/01/47  | 2,185        | 2,344,024    |
| New Jersey Educational Facilities Authority, Refunding RB:   |              |              |
| Montclair State University, Series A, 5.00%, 07/01/39  | 15,555       | 17,318,159   |
| Montclair State University, Series A, 5.00%, 07/01/44  | 3,540        | 3,931,099    |
| New Jersey Institute of Technology, Series H, 5.00%, 07/01/31  | 4,000        | 4,221,080    |
| Princeton University, Series C, 5.00%, 07/01/29  | 2,730        | 3,277,092    |
| Princeton University, Series I, 5.00%, 07/01/34  | 3,295        | 3,894,624    |
| Seton Hall University, Series D, 5.00%, 07/01/38   | 500          | 551,850      |
| Seton Hall University, Series D, 5.00%, 07/01/43   | 600          | 658,746      |
| Stevens Institute of Technology, Series A, 4.00%, 07/01/47   | 1,145        | 1,162,152    |
| Stockton University, Series A, 5.00%, 07/01/41   | 2,370        | 2,556,021    |

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|  |       |           |
|--|-------|-----------|
| William Paterson University (AGC), 5.00%, 07/01/28                               | 20    | 20,050    |
| William Paterson University (AGC), 4.75%, 07/01/34                               | 380   | 380,768   |
| New Jersey Higher Education Student Assistance Authority, RB, AMT, Student Loan: |       |           |
| Senior Series 1A, 4.00%, 12/01/28  | 1,040 | 1,064,887 |
| Senior Series 1A, 4.50%, 12/01/28  | 2,225 | 2,310,863 |
| Senior Series 1A, 4.00%, 12/01/29  | 690   | 701,778   |
| Senior Series 1A, 4.00%, 12/01/29  | 4,990 | 5,093,143 |
| Senior Series 1A, 4.50%, 12/01/29  | 2,785 | 2,887,961 |
| Senior Series 1A, 4.63%, 12/01/30  | 2,725 | 2,838,169 |
| Senior Series 1A, 4.00%, 12/01/31  | 1,125 | 1,141,493 |
| Senior Series 1A, 4.25%, 12/01/32  | 1,790 | 1,830,203 |
| Senior Series 1A, 4.13%, 12/01/35  | 690   | 698,294   |
| Senior Series 1A, 4.50%, 12/01/36  | 1,575 | 1,623,841 |
| Sub-Series C, 4.00%, 12/01/48  | 1,760 | 1,717,584 |

SCHEDULES OF INVESTMENTS

21

Schedule of Investments (continued)

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

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par<br/>(000)</i> | <i>Value</i> |
|---|----------------------|--------------|
| <b>Education (continued)</b>  |                      |              |
| New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1, AMT:                                      |                      |              |
| 5.38%, 12/01/24   | \$ 755               | \$ 808,673   |
| 5.50%, 12/01/26   | 905                  | 961,391      |
| New Jersey Institute of Technology, RB, Series A:   |                      |              |
| 5.00%, 07/01/22 <sup>(a)</sup>  | 2,120                | 2,365,878    |
| 5.00%, 07/01/42   | 4,825                | 5,223,255    |
| 5.00%, 07/01/45   | 7,500                | 8,360,700    |
| Rutgers The State University of New Jersey, Refunding RB, Series L, 5.00%, 05/01/30   | 1,565                | 1,742,768    |
|   |                      | 118,223,795  |
| <b>Health 14.9%</b>   |                      |              |
| County of Camden New Jersey Improvement Authority, Refunding RB, Cooper Healthcare System, Series A, 5.00%, 02/15/33        | 2,000                | 2,143,520    |
| New Jersey Health Care Facilities Financing Authority, RB:  |                      |              |
| Inspira Health Obligated Group, 5.00%, 07/01/42   | 2,270                | 2,525,057    |
| Robert Wood Johnson University Hospital, Series A, 5.50%, 07/01/43  | 7,105                | 7,965,913    |
| Virtua Health, Series A (AGC), 5.50%, 07/01/38  | 4,035                | 4,176,750    |
| New Jersey Health Care Facilities Financing Authority, Refunding RB:  |                      |              |
| AHS Hospital Corp., 5.50%, 07/01/21 <sup>(a)</sup>  | 4,055                | 4,480,207    |
| AHS Hospital Corp., 6.00%, 07/01/21 <sup>(a)</sup>  | 4,180                | 4,677,378    |
| Catholic Health East Issue, 5.00%, 11/15/33   | 1,925                | 2,057,382    |
| Hackensack University Medical Center (AGM), 4.63%, 01/01/20 <sup>(a)</sup>  | 7,795                | 8,120,987    |
| Meridian Health System Obligated Group, 5.00%, 07/01/25   | 1,000                | 1,105,230    |
| Meridian Health System Obligated Group, 5.00%, 07/01/26   | 3,720                | 4,104,090    |
| Princeton Healthcare System, 5.00%, 07/01/34  | 1,330                | 1,523,169    |
| Princeton Healthcare System, 5.00%, 07/01/39  | 1,825                | 2,074,879    |
| RWJ Barnabas Health Obligated Group, Series A, 4.00%, 07/01/43  | 1,865                | 1,914,628    |
| RWJ Barnabas Health Obligated Group, Series A, 5.00%, 07/01/43  | 3,080                | 3,439,713    |
| St. Barnabas Health Care System, Series A, 5.00%, 07/01/21 <sup>(a)</sup>   | 3,640                | 3,964,834    |
| St. Barnabas Health Care System, Series A, 5.63%, 07/01/21 <sup>(a)</sup>   | 4,450                | 4,925,660    |
| St. Barnabas Health Care System, Series A, 5.63%, 07/01/21 <sup>(a)</sup>   | 4,860                | 5,379,485    |
| Virtua Health, 5.00%, 07/01/28  | 3,000                | 3,364,590    |
| Virtua Health, 5.00%, 07/01/29  | 715                  | 798,062      |
|   |                      | 68,741,534   |
| <b>Housing 7.6%</b>   |                      |              |
| County of Atlantic New Jersey Improvement Authority, RB, Stockton University Atlantic City, Series A (AGM), 4.00%, 07/01/46 | 1,300                | 1,329,198    |
| New Jersey Housing & Mortgage Finance Agency, RB:   |                      |              |
| Capital Fund Program, Series A (AGM), 5.00%, 05/01/27   | 4,940                | 4,950,572    |
| M/F Housing, Series A, 4.55%, 11/01/43  | 4,710                | 4,828,315    |

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|  |              |               |
|--|--------------|---------------|
| S/F Housing, Series B, 4.50%, 10/01/30   | 8,630        | 8,943,614     |
| New Jersey Housing & Mortgage Finance Agency, Refunding RB:                                  |              |               |
| M/F Housing, Series 2, AMT, 4.60%, 11/01/38  | 3,120        | 3,216,876     |
| M/F Housing, Series 2, AMT, 4.75%, 11/01/46  | 3,795        | 3,913,935     |
| Series D, AMT, 4.25%, 11/01/37   | 490          | 492,225       |
| Series D, AMT, 4.35%, 11/01/42   | 1,000        | 1,007,140     |
| Single Family Housing, Series A, 3.75%, 10/01/35   | 6,375        | 6,384,562     |
|  |              | 35,066,437    |
|  | <i>Par</i>   |               |
| <i>Security</i>  | <i>(000)</i> | <i>Value</i>  |
| <b>State 24.9%</b>   |              |               |
| Garden State Preservation Trust, RB, CAB, Series B (AGM) <sup>(b)</sup> :                    |              |               |
| 0.00%, 11/01/23  | \$ 15,725    | \$ 13,752,928 |
| 0.00%, 11/01/25  | 10,000       | 8,122,500     |
| Garden State Preservation Trust, Refunding RB, Series C (AGM):                               |              |               |
| 5.25%, 11/01/20  | 5,000        | 5,357,500     |
| 5.25%, 11/01/21  | 7,705        | 8,439,903     |
| New Jersey EDA, RB:  |              |               |
| CAB, Motor Vehicle Surcharge, Series A (NPFGC), 0.00%, 07/01/21 <sup>(b)</sup>               | 2,325        | 2,151,462     |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/25                                   | 4,465        | 5,052,237     |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/24                                   | 1,785        | 2,008,321     |
| Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 07/01/26                                   | 6,085        | 6,955,459     |
| School Facilities Construction (AGC), 6.00%, 12/15/18 <sup>(a)</sup>                         | 3,960        | 4,027,399     |
| School Facilities Construction (AGC), 6.00%, 12/15/18 <sup>(a)</sup>                         | 40           | 40,688        |
| School Facilities Construction, Series KK, 5.00%, 03/01/38                                   | 325          | 338,728       |
| School Facilities Construction, Series Y, 5.00%, 09/01/18 <sup>(a)</sup>                     | 1,000        | 1,002,940     |
| Series WW, 5.25%, 06/15/33   | 380          | 415,906       |
| Series WW, 5.00%, 06/15/34   | 5,500        | 5,919,595     |
| Series WW, 5.00%, 06/15/36   | 3,115        | 3,333,175     |
| Series WW, 5.25%, 06/15/40   | 8,375        | 9,045,000     |
| New Jersey EDA, Refunding RB:  |              |               |
| Cigarette Tax, 5.00%, 06/15/24   | 5,000        | 5,373,950     |
| Cigarette Tax, 5.00%, 06/15/26   | 1,250        | 1,332,638     |
| Cigarette Tax, 5.00%, 06/15/28   | 2,430        | 2,577,015     |
| Cigarette Tax, 5.00%, 06/15/29   | 3,195        | 3,381,141     |
| School Facilities Construction, Series N-1 (NPFGC), 5.50%, 09/01/27                          | 1,000        | 1,170,520     |
| School Facilities Construction, Series NN, 5.00%, 03/01/29                                   | 5,000        | 5,334,350     |
| Sub Series A, 5.00%, 07/01/33  | 3,875        | 4,257,501     |
| Sub Series A, 4.00%, 07/01/34  | 8,800        | 8,779,232     |
| Sub-Series A, 4.00%, 07/01/32  | 5,000        | 5,014,750     |
| State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 06/15/19 <sup>(a)</sup> | 1,580        | 1,630,955     |
|  |              | 114,815,793   |
| <b>Tobacco 4.0%</b>  |              |               |
| Tobacco Settlement Financing Corp., Refunding RB:  |              |               |
| Series A, 5.25%, 06/01/46  | 1,560        | 1,746,747     |
| Sub-Series B, 5.00%, 06/01/46  | 15,515       | 16,621,530    |
|  |              | 18,368,277    |
| <b>Transportation 35.8%</b>  |              |               |

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|  |       |           |
|--|-------|-----------|
| Delaware River Port Authority, RB:   |       |           |
| 5.00%, 01/01/29  | 2,000 | 2,236,620 |
| 5.00%, 01/01/37  | 8,830 | 9,738,695 |
| Series D, 5.05%, 01/01/35  | 1,430 | 1,490,274 |
| Series D (AGM), 5.00%, 01/01/40  | 5,200 | 5,423,756 |
| New Brunswick Parking Authority, Refunding RB, City Guaranteed, Series B (AGM):      |       |           |
| 3.00%, 09/01/39  | 2,500 | 2,233,225 |
| 4.00%, 09/01/40  | 2,000 | 2,047,140 |
| New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity Bond: |       |           |
| 5.38%, 01/01/43  | 7,730 | 8,450,900 |
| 5.13%, 01/01/34  | 2,290 | 2,493,215 |
| New Jersey State Turnpike Authority, RB:   |       |           |
| Series A, 5.00%, 01/01/35  | 1,440 | 1,642,378 |
| Series E, 5.00%, 01/01/45  | 8,000 | 8,863,040 |

Schedule of Investments (continued)

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

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par<br/>(000)</i> | <i>Value</i> |
|---|----------------------|--------------|
| <b>Transportation (continued)</b>   |                      |              |
| New Jersey State Turnpike Authority, Refunding RB:  |                      |              |
| Series A (AGM), 5.25%, 01/01/29   | \$ 4,000             | \$ 4,896,040 |
| Series A (AGM), 5.25%, 01/01/30   | 4,000                | 4,920,880    |
| Series A (BHAC), 5.25%, 01/01/29  | 500                  | 612,005      |
| Series E, 5.00%, 01/01/32   | 1,850                | 2,151,457    |
| Series G, 4.00%, 01/01/43   | 3,320                | 3,454,792    |
| New Jersey Transportation Trust Fund Authority, RB:   |                      |              |
| CAB, Transportation System, Series A, 0.00%, 12/15/35 <sup>(b)</sup>  | 6,000                | 2,741,760    |
| CAB, Transportation System, Series C (AGM), 0.00%, 12/15/32 <sup>(b)</sup>  | 8,800                | 4,960,032    |
| CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 <sup>(b)</sup>  | 4,160                | 1,933,526    |
| CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/36 <sup>(b)</sup>  | 7,210                | 3,160,792    |
| Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 06/15/30  | 2,250                | 2,498,287    |
| Federal Highway Reimbursement Revenue Notes, Series A-2, 5.00%, 06/15/30  | 7,020                | 7,036,006    |
| Transportation Program, Series AA, 5.00%, 06/15/33  | 3,000                | 3,148,110    |
| Transportation Program, Series AA, 5.25%, 06/15/33  | 5,690                | 6,082,041    |
| Transportation Program, Series AA, 5.25%, 06/15/34  | 1,305                | 1,424,173    |
| Transportation Program, Series AA, 5.00%, 06/15/38  | 2,340                | 2,478,809    |
| Transportation System, Series A, 6.00%, 06/15/35  | 6,365                | 6,928,111    |
| Transportation System, Series A, 5.00%, 06/15/42  | 5,000                | 5,195,550    |
| Transportation System, Series A (AGC), 5.63%, 12/15/28  | 2,780                | 2,818,670    |
| Transportation System, Series A (NPFGC), 5.75%, 06/15/24  | 1,205                | 1,391,184    |
| Transportation System, Series B, 5.25%, 06/15/36  | 2,500                | 2,606,550    |
| Transportation System, Series D, 5.00%, 06/15/32  | 3,300                | 3,556,839    |
| New Jersey Transportation Trust Fund Authority, Refunding RB, Federal Highway<br>Reimbursement, Series A, 5.00%, 06/15/31 | 6,730                | 7,443,313    |
| New Jersey Turnpike Authority, Refunding RB:  |                      |              |
| Series B, 5.00%, 01/01/40   | 11,000               | 12,530,980   |
| Series G, 5.00%, 01/01/37   | 5,000                | 5,726,450    |
| Port Authority of New York & New Jersey, ARB:   |                      |              |
| Consolidated, 93rd Series, 6.13%, 06/01/94  | 1,000                | 1,198,500    |
| Special Project, JFK International Air Terminal LLC Project, Series 6, AMT (NPFGC),<br>5.75%, 12/01/25                    | 3,000                | 3,131,340    |
| Special Project, JFK International Air Terminal LLC Project, Series 8, 6.00%, 12/01/42                                    | 4,000                | 4,362,440    |
| Port Authority of New York & New Jersey, Refunding ARB, AMT:  |                      |              |
| 178th Series, 5.00%, 12/01/33   | 4,005                | 4,427,888    |
| Consolidated, 206th Series, 5.00%, 11/15/42   | 3,110                | 3,492,717    |
| Consolidated, 206th Series, 5.00%, 11/15/47   | 3,475                | 3,887,969    |
|   |                      | 164,816,454  |
| <b>Utilities 5.3%</b>   |                      |              |
| County of Essex New Jersey Utilities Authority, Refunding RB, (AGC), 4.13%, 04/01/22                                      | 2,000                | 2,027,440    |
|   | 6,045                | 6,449,894    |



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|   |       |             |
|---|-------|-------------|
| North Hudson New Jersey Sewerage Authority, Refunding RB, Series A (NPFGC),<br>5.13%, 08/01/20 <sup>(c)</sup> |       |             |
| Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) <sup>(b)</sup> :                                  |       |             |
| 0.00%, 09/01/26   | 4,100 | 3,230,882   |
| 0.00%, 09/01/28   | 6,600 | 4,801,962   |
| 0.00%, 09/01/29   | 9,650 | 6,743,902   |
| 0.00%, 09/01/33   | 2,350 | 1,392,587   |
|   |       | 24,646,667  |
| <b>Total Municipal Bonds 139.1%</b><br><b>(Cost \$610,093,556)</b>  |       | 640,779,698 |

|   | <i>Par<br/>(000)</i> | <i>Value</i> |
|---|----------------------|--------------|
| <i>Security</i>   |                      |              |
| <b>Municipal Bonds Transferred to Tender Option Bond Trusts<sup>(d)</sup></b>   |                      |              |
| <b>New Jersey 25.0%</b>   |                      |              |
| <b>County/City/Special District/School District 5.9%</b>  |                      |              |
| County of Union New Jersey Utilities Authority, Refunding RB, Series A, AMT:  |                      |              |
| County Deficiency Agreement, 5.00%, 06/15/41  | \$ 7,573             | \$ 8,166,804 |
| Resource Recovery Facility, Covanta Union, Inc., 5.25%, 12/01/31  | 17,300               | 18,931,217   |
|   |                      | 27,098,021   |
| <b>Education 3.5%</b>   |                      |              |
| Rutgers The State University of New Jersey, Refunding RB:   |                      |              |
| Series F, 5.00%, 05/01/19 <sup>(a)</sup>  | 4,998                | 5,127,832    |
| Series L, 5.00%, 05/01/43   | 10,000               | 11,082,400   |
|   |                      | 16,210,232   |
| <b>Health 1.4%</b>  |                      |              |
| New Jersey Health Care Facilities Financing Authority, RB, Inspira Health Obligated<br>Group, 4.00%, 07/01/47                 |                      |              |
|   | 6,133                | 6,173,765    |
| <b>State 4.7%</b>   |                      |              |
| Garden State Preservation Trust, RB, Election of 2005, Series A (AGM),<br>5.75%, 11/01/28                                     |                      |              |
|   | 12,460               | 14,655,701   |
| New Jersey EDA, Refunding RB, School Facilities Construction, Series NN,<br>5.00%, 03/01/29 <sup>(e)</sup>                    |                      |              |
|   | 6,698                | 7,146,111    |
|   |                      | 21,801,812   |
| <b>Transportation 9.5%</b>  |                      |              |
| County of Hudson New Jersey Improvement Authority, RB, Hudson County<br>Vocational-Technical Schools Project, 5.25%, 05/01/51 |                      |              |
|   | 3,120                | 3,525,935    |
| New Jersey State Turnpike Authority, RB, Series A, 5.00%, 07/01/22 <sup>(a)(e)</sup>  |                      |              |
|   | 9,300                | 10,342,321   |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series<br>B, 5.25%, 06/15/36 <sup>(e)</sup>        |                      |              |
|   | 2,661                | 2,773,996    |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, AMT:  |                      |              |
| 163rd Series, 5.00%, 07/15/39   | 15,545               | 16,491,210   |
| 169th Series, 5.00%, 10/15/41   | 10,000               | 10,745,500   |

|  |                     |
|--|---------------------|
|  | 43,878,962          |
| <b>Total Municipal Bonds Transferred to Tender Option Bond Trusts</b> 25.0%                      |                     |
| (Cost \$108,525,763)   | 115,162,792         |
| <b>Total Long-Term Investments</b> 164.1%  |                     |
| (Cost \$718,619,319)   | 755,942,490         |
|  | <i>Shares</i>       |
| <b>Short-Term Securities</b> 0.2%  |                     |
| BlackRock Liquidity Funds, MuniCash, Institutional Class,<br>0.85% <sup>(f)(g)</sup>             | 1,217,685 1,217,929 |
| <b>Total Short-Term Securities</b> 0.2%  |                     |
| (Cost \$1,217,929)   | 1,217,929           |
| <b>Total Investments</b> 164.3%  |                     |
| (Cost \$719,837,248)   | 757,160,419         |
| <b>Other Assets Less Liabilities</b> 0.8%  | 3,100,464           |
| <b>Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable</b> (13.7)% | (62,906,071)        |
| <b>VRDP Shares at Liquidation Value, Net of Deferred Costs</b> (51.4)%                           | (236,627,862)       |
| <b>Net Assets Applicable to Common Shares</b> 100.0%   | \$ 460,726,950      |

Schedule of Investments (continued)

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

July 31, 2018

- (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 expires Between June 15, 2019 to September 1, 2020, is \$13,907,845. See Note 4 of the Notes to Financial Statements for details.
- (f) Annualized 7-day yield as of period end.
- (g) During the year ended July 31, 2018, 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>Shares<br/>Held at<br/>07/31/17</i> | <i>Net<br/>Activity</i> | <i>Shares<br/>Held at<br/>07/31/18</i> | <i>Value at<br/>07/31/18</i> | <i>Income</i> | <i>Change in<br/>Net Unrealized<br/>Realized<br/>Appreciation<br/>(Depreciation)</i> |
|---|--|-------------------------|--|------------------------------|---------------|--|
| <i>Affiliate</i>  |  |                         |  |                              |               |  |
| BlackRock<br>Liquidity Funds,<br>MuniCash,<br>Institutional Class | 20,456,541                             | (19,238,856)            | 1,217,685                              | \$ 1,217,929                 | \$ 36,018     | \$ 1,292 \$ (1,296)  |

(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<br/>Contracts</i> | <i>Expiration<br/>Date</i> | <i>Notional<br/>Amount (000)</i> | <i>Value/<br/>Unrealized<br/>Appreciation<br/>(Depreciation)</i> |
|--------------------|--------------------------------|----------------------------|----------------------------------|--|
|                    |                                |                            |                                  |  |

|                            |    |          |           |    |         |
|----------------------------|----|----------|-----------|----|---------|
| Short Contracts:           |    |          |           |    |         |
| 10-Year U.S. Treasury Note | 87 | 09/19/18 | \$ 10,390 | \$ | 68,856  |
| 11-Long U.S. Treasury Bond | 92 | 09/19/18 | 13,153    |    | 66,223  |
| 5-Year U.S. Treasury Note  | 46 | 09/28/18 | 5,204     |    | 19,747  |
|                            |    |          |           | \$ | 154,826 |

### 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:

| Assets | Derivative Financial Instruments           | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign                     | Interest       | Other Contracts | Total      |
|--------|--|---------------------|------------------|------------------|-----------------------------|----------------|-----------------|------------|
|        |  |                     |                  |                  | Currency Exchange Contracts | Rate Contracts |                 |            |
|        | Futures contracts                          |                     |                  |                  |                             |                |                 |            |
|        | Net unrealized appreciation <sup>(a)</sup> | \$                  | \$               | \$               | \$                          | \$ 154,826     | \$              | \$ 154,826 |

<sup>(a)</sup> 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 year ended July 31, 2018, the effect of derivative financial instruments in the Statements of Operations was as follows:

| Net Realized Gain (Loss) from:                                  | Commodity Contracts | Credit Contracts | Equity Contracts | Foreign                     | Interest       | Other Contracts | Total        |
|---|---------------------|------------------|------------------|-----------------------------|----------------|-----------------|--------------|
|   |                     |                  |                  | Currency Exchange Contracts | Rate Contracts |                 |              |
| Futures contracts   | \$                  | \$               | \$               | \$                          | \$ 2,837,857   | \$              | \$ 2,837,857 |
| <b>Net Change in Unrealized Appreciation (Depreciation) on:</b> |                     |                  |                  |                             |                |                 |              |
| Futures contracts   | \$                  | \$               | \$               | \$                          | \$ 187,736     | \$              | \$ 187,736   |

Schedule of Investments (continued)

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

July 31, 2018

**Average Quarterly Balances of Outstanding Derivative Financial Instruments**

Futures contracts:

Average notional value of contracts – short \$ 38,999,543

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 <sup>(a)</sup>            | \$             | \$ 755,942,490 | \$             | \$ 755,942,490 |
| Short-Term Securities                           | 1,217,929      |                |                | 1,217,929      |
| Total   | \$ 1,217,929   | \$ 755,942,490 | \$             | \$ 757,160,419 |
| Derivative Financial Instruments <sup>(b)</sup> |                |                |                |                |
| Assets:   |                |                |                |                |
| Interest rate contracts                         | \$ 154,826     | \$             | \$             | \$ 154,826     |

<sup>(a)</sup> See above Schedule of Investments for values in each sector.

<sup>(b)</sup> 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: |                |                |                |              |

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|                                  |    |                  |    |                  |
|----------------------------------|----|------------------|----|------------------|
| 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 year ended July 31, 2018, there were no transfers between levels.

*See notes to financial statements.*

SCHEDULES OF INVESTMENTS

25

## Schedule of Investments

## BlackRock MuniYield Investment Quality Fund (MFT)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par<br/>(000)</i> | <i>Value</i> |
|---|----------------------|--------------|
| <b>Municipal Bonds 127.4%</b>   |                      |              |
| <b>Alabama 4.3%</b>   |                      |              |
| City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s<br>Hospital (AGC) <sup>(a)</sup> : |                      |              |
| 6.00%, 06/01/19   | \$ 2,985             | \$ 3,095,385 |
| 6.13%, 06/01/19   | 1,500                | 1,557,015    |
| City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project,<br>Series A, 5.38%, 12/01/35       | 350                  | 384,542      |
|   |                      | 5,036,942    |
| <b>California 18.1%</b>   |                      |              |
| California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%,<br>08/15/20 <sup>(a)</sup>          | 1,150                | 1,254,362    |
| California Municipal Finance Authority, ARB, Senior Lien-Linxs APM Project, AMT,<br>4.00%, 12/31/47                       | 780                  | 778,635      |
| City & County of San Francisco California Airports Commission, Refunding ARB, AMT,<br>Series A:                           |                      |              |
| 2nd, 5.50%, 05/01/28  | 720                  | 822,334      |
| 2nd, 5.25%, 05/01/33  | 560                  | 625,850      |
| 5.00%, 05/01/44   | 745                  | 820,610      |
| City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International<br>Airport SJC, Series A-1, AMT:       |                      |              |
| 5.50%, 03/01/30   | 1,600                | 1,730,880    |
| 6.25%, 03/01/34   | 1,250                | 1,387,275    |
| County of Riverside Public Financing Authority, RB, Capital Facilities Project, 5.25%,<br>11/01/40                        | 2,000                | 2,317,880    |
| Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%,<br>11/01/33                           | 970                  | 1,131,971    |
| Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 08/01/21 <sup>(a)</sup>                     | 1,000                | 1,114,620    |
| Regents of the University of California Medical Center Pooled Revenue, Refunding RB,<br>Series J:                         |                      |              |
| 5.25%, 05/15/23 <sup>(a)</sup>  | 1,740                | 2,020,123    |
| 5.25%, 05/15/38   | 495                  | 557,454      |
| San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC),<br>5.38%, 08/01/19 <sup>(a)</sup>    | 1,020                | 1,060,943    |
| State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39  | 3,450                | 3,614,530    |
| State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%,<br>11/01/31                       | 1,000                | 1,155,680    |
| State of California Public Works Board, RB, Department of Corrections & Rehabilitation,<br>Series F, 5.25%, 09/01/33      | 490                  | 557,669      |
| Township of Washington California Health Care District, GO, Election of 2004, Series B,<br>5.50%, 08/01/40                | 370                  | 429,452      |

|  |              |              |
|--|--------------|--------------|
|  |              | 21,380,268   |
| <b>Colorado 2.1%</b>   |              |              |
| City & County of Denver Colorado Airport System Revenue, ARB, Series A, AMT:   |              |              |
| 5.50%, 11/15/28  | 500          | 572,760      |
| 5.50%, 11/15/30  | 225          | 257,022      |
| 5.50%, 11/15/31  | 270          | 307,997      |
| Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM),<br>6.00%, 05/15/19 <sup>(a)</sup>                    | 1,300        | 1,345,721    |
|  |              | 2,483,500    |
| <b>Connecticut 1.5%</b>  |              |              |
| Connecticut Housing Finance Authority, Refunding RB, S/F Housing, Sub-Series B-1, 4.00%,<br>05/15/45   | 425          | 429,378      |
| State of Connecticut, GO, Series A, 5.00%, 04/15/37  | 1,180        | 1,299,994    |
|  |              | 1,729,372    |
|  | <i>Par</i>   |              |
|  | <i>(000)</i> | <i>Value</i> |
| <i>Security</i>  |              |              |
| <b>Delaware 0.8%</b>   |              |              |
| County of Kent Delaware, RB, CHF Dover LLC, Delaware State University Project, Series<br>A, 5.00%, 07/01/58                                  | \$ 850       | \$ 900,363   |
| <b>Florida 13.6%</b>   |              |              |
| City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33  | 270          | 305,610      |
| County of Broward Florida Airport System Revenue, ARB, Series A, AMT,<br>5.00%, 10/01/45   | 575          | 633,800      |
| County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International<br>Airport, Series A, AMT, 5.50%, 10/01/29             | 1,170        | 1,319,058    |
| County of Lee Florida HFA, RB, S/F Housing, Multi-County Program, Series A-2, AMT<br>(Ginnie Mae, Fannie Mae & Freddie Mac), 6.00%, 09/01/40 | 65           | 65,409       |
| County of Lee Florida Revenue, Refunding ARB, Series A, AMT, 5.38%, 10/01/32   | 1,000        | 1,081,410    |
| County of Manatee Florida HFA, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie<br>Mae & Freddie Mac), 5.90%, 09/01/40                     | 55           | 55,788       |
| County of Miami-Dade Florida, RB, Seaport Department:  |              |              |
| Series A, 6.00%, 10/01/38  | 1,840        | 2,120,232    |
| Series A, 5.50%, 10/01/42  | 2,125        | 2,370,841    |
| Series B, AMT, 6.00%, 10/01/26   | 590          | 674,063      |
| Series B, AMT, 6.00%, 10/01/27   | 775          | 885,422      |
| Series B, AMT, 6.25%, 10/01/38   | 310          | 358,332      |
| Series B, AMT, 6.00%, 10/01/42   | 410          | 467,154      |
| County of Miami-Dade Florida, Refunding RB:  |              |              |
| Seaport Department, Series D, AMT, 6.00%, 10/01/26   | 735          | 839,723      |
| Water & Sewer System, Series B, 5.25%, 10/01/29  | 500          | 566,725      |
| County of Miami-Dade Florida Aviation Revenue, Refunding ARB, Series A, AMT, 5.00%,<br>10/01/31  | 2,165        | 2,357,122    |
| County of Orange Florida Health Facilities Authority, Refunding RB, Presbyterian<br>Retirement Communities Project, 5.00%, 08/01/41          | 1,000        | 1,086,680    |
| Reedy Creek Florida Improvement District, GO, Series A, 5.25%, 06/01/32  | 710          | 806,610      |
|  |              | 15,993,979   |



**Georgia 0.6%**

|  |     |         |
|--|-----|---------|
| City of Atlanta Georgia Water & Wastewater Revenue, Refunding RB, Series B, 3.50%,<br>11/01/43 | 280 | 272,197 |
| County of Georgia Housing & Finance Authority, RB, S/F Housing, Series A:<br>3.95%, 12/01/43   | 310 | 310,905 |
| 4.00%, 12/01/48  | 160 | 160,110 |
|  |     | 743,212 |

**Hawaii 1.9%**

|  |       |           |
|--|-------|-----------|
| State of Hawaii Airports System Revenue, ARB, Series A, AMT, 5.00%, 07/01/45 | 1,000 | 1,109,520 |
| State of Hawaii Airports System Revenue, COP, AMT:<br>5.25%, 08/01/25        | 250   | 279,490   |
| 5.25%, 08/01/26  | 810   | 901,149   |
|  |       | 2,290,159 |

**Idaho 0.5%**

|   |     |         |
|---|-----|---------|
| Idaho Health Facilities Authority, Refunding RB, St. Luke's Health System Project, Series<br>A <sup>(b)</sup> : |     |         |
| 4.00%, 03/01/43   | 155 | 154,036 |
| 4.00%, 03/01/38   | 315 | 315,252 |
| 4.00%, 03/01/48   | 155 | 154,464 |
|   |     | 623,752 |

**Illinois 18.6%**

|  |       |           |
|--|-------|-----------|
| City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series<br>A, AMT, 5.00%, 01/01/41 | 1,010 | 1,091,345 |
|--|-------|-----------|

## Schedule of Investments (continued)

## BlackRock MuniYield Investment Quality Fund (MFT)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par<br/>(000)</i> | <i>Value</i> |
|---|----------------------|--------------|
| <b>Illinois (continued)</b>   |                      |              |
| City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien:<br>Series A, 5.75%, 01/01/21 <sup>(a)</sup>                              | \$ 645               | \$ 704,585   |
| Series A, 5.75%, 01/01/39   | 125                  | 135,374      |
| Series C, 6.50%, 01/01/21 <sup>(a)</sup>  | 3,680                | 4,084,837    |
| City of Chicago Illinois Transit Authority, RB:<br>Federal Transit Administration, Section 5309, Series A (AGC), 6.00%, 12/01/18 <sup>(a)</sup> | 1,400                | 1,421,308    |
| Sales Tax Receipts, 5.25%, 12/01/36   | 1,000                | 1,067,820    |
| City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration,<br>Section 5309 (AGM), 5.00%, 06/01/28                | 3,000                | 3,136,590    |
| City of Chicago Illinois Wastewater Transmission, RB, 2nd Lien, 5.00%, 01/01/42   | 1,375                | 1,446,665    |
| County of Cook Illinois Community College District No. 508, GO, City College of Chicago:<br>5.50%, 12/01/38                                     | 1,000                | 1,055,590    |
| 5.25%, 12/01/43   | 1,190                | 1,238,100    |
| Illinois Finance Authority, RB, Series A:<br>Carle Foundation, 6.00%, 08/15/41  | 1,555                | 1,711,713    |
| Chicago LLC, University of Illinois at Chicago Project, 5.00%, 02/15/37   | 480                  | 523,315      |
| Railsplitter Tobacco Settlement Authority, RB <sup>(a)</sup> :<br>5.50%, 06/01/21   | 940                  | 1,034,714    |
| 6.00%, 06/01/21   | 270                  | 300,912      |
| State of Illinois, GO:<br>5.25%, 02/01/32   | 1,000                | 1,057,100    |
| 5.50%, 07/01/33   | 1,500                | 1,590,495    |
| 5.50%, 07/01/38   | 280                  | 294,731      |
|   |                      | 21,895,194   |
| <b>Indiana 4.1%</b>   |                      |              |
| Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project,<br>Series A (AGC):<br>5.50%, 01/01/19 <sup>(a)</sup>         | 840                  | 854,398      |
| 5.50%, 01/01/38   | 3,470                | 3,526,110    |
| State of Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series<br>A, AMT, 5.00%, 07/01/40                            | 375                  | 400,357      |
|   |                      | 4,780,865    |
| <b>Kentucky 0.9%</b>  |                      |              |
| Kentucky State Property & Building Commission, Refunding RB, Project No. 93 (AGC) <sup>(a)</sup> :<br>5.25%, 02/01/19                           | 885                  | 902,045      |
| 5.25%, 02/01/19   | 115                  | 117,215      |
|   |                      | 1,019,260    |
| <b>Louisiana 2.1%</b>   |                      |              |
| City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring <sup>(a)</sup> :  |                      |              |

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|  |              |              |
|--|--------------|--------------|
| Series A-1 (AGC), 6.00%, 01/01/19  | 375          | 382,196      |
| Series A-2 (AGC), 6.00%, 01/01/19  | 160          | 163,071      |
| Lake Charles Louisiana Harbor & Terminal District, RB, Series B, AMT (AGM),<br>5.50%, 01/01/29   | 1,000        | 1,125,110    |
| Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A,<br>5.50%, 05/15/29   | 805          | 833,537      |
|  |              | 2,503,914    |
| <b>Massachusetts 1.7%</b>  |              |              |
| Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A, 5.00%,<br>01/01/47  | 645          | 702,695      |
| Massachusetts Development Finance Agency, Refunding RB, Emerson College, 5.00%,<br>01/01/41  | 525          | 563,945      |
| Massachusetts HFA, Refunding RB, Series C, AMT, 5.35%, 12/01/42  | 760          | 769,340      |
|  |              | 2,035,980    |
|  | <i>Par</i>   |              |
| <i>Security</i>  | <i>(000)</i> | <i>Value</i> |
| <b>Michigan 2.7%</b>   |              |              |
| City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):<br>6.25%, 07/01/19 <sup>(a)</sup>                                      | \$ 1,795     | \$ 1,870,569 |
| 6.25%, 07/01/36  | 5            | 5,197        |
| Royal Oak Hospital Finance Authority Michigan, Refunding RB, William Beaumont<br>Hospital, Series V, 8.25%, 09/01/18 <sup>(a)</sup>                        | 665          | 668,704      |
| State of Michigan Housing Development Authority, RB, M/F Housing, Series A, 4.05%,<br>10/01/48   | 605          | 603,923      |
|  |              | 3,148,393    |
| <b>Minnesota 2.6%</b>  |              |              |
| City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC):<br>6.50%, 11/15/18 <sup>(a)</sup>                                   | 460          | 466,836      |
| 6.50%, 11/15/38  | 2,540        | 2,577,287    |
|  |              | 3,044,123    |
| <b>Mississippi 1.5%</b>  |              |              |
| Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%,<br>12/01/40   | 1,190        | 1,437,686    |
| Mississippi State University Educational Building Corp., Refunding RB, Mississippi State<br>University Improvement Project, 5.25%, 08/01/23 <sup>(a)</sup> | 260          | 299,861      |
|  |              | 1,737,547    |
| <b>Nevada 3.4%</b>   |              |              |
| County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM),<br>5.25%, 07/01/39  | 2,375        | 2,490,211    |
| County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 07/01/19 <sup>(a)</sup>  | 1,500        | 1,550,985    |
|  |              | 4,041,196    |
| <b>New Jersey 7.1%</b>   |              |              |
| New Jersey EDA, RB:  |              |              |
| Goethals Bridge Replacement Project, AMT, Private Activity Bond, 5.38%, 01/01/43   | 1,000        | 1,093,260    |
| Private Activity Bond, Goethals Bridge Replacement Project, AMT (AGM), 5.00%, 01/01/31   | 530          | 585,380      |

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|  |       |           |
|--|-------|-----------|
| School Facilities Construction (AGC), 6.00%, 12/15/18 <sup>(a)</sup>   | 980   | 996,680   |
| School Facilities Construction (AGC), 6.00%, 12/15/18 <sup>(a)</sup>   | 20    | 20,344    |
| New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC), 5.50%, 07/01/38                          | 1,400 | 1,449,182 |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series AA, 5.50%, 06/15/39                              | 1,600 | 1,717,600 |
| Tobacco Settlement Financing Corp., Refunding RB:  |       |           |
| Series A, 5.00%, 06/01/36  | 395   | 441,120   |
| Series A, 5.00%, 06/01/46  | 1,255 | 1,378,592 |
| Series A, 5.25%, 06/01/46  | 325   | 363,906   |
| Sub-Series B, 5.00%, 06/01/46  | 315   | 337,466   |
|  |       | 8,383,530 |
| <b>New York 6.1%</b>   |       |           |
| City of New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4 (AGC), 5.50%, 01/15/29                              | 2,000 | 2,037,040 |
| City of New York Water & Sewer System, Refunding RB, 2nd General Resolution, Series FF-2, 5.50%, 06/15/40                          | 1,545 | 1,596,371 |
| Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56   | 165   | 186,112   |
| New York Transportation Development Corp., ARB, LaGuardia Airport Terminal B Redevelopment Project, Series A, AMT, 5.25%, 01/01/50 | 600   | 649,638   |
| Port Authority of New York & New Jersey, Refunding ARB, Consolidated, 166th Series, 5.25%, 07/15/36                                | 2,500 | 2,695,375 |
|  |       | 7,164,536 |

## Schedule of Investments (continued)

## BlackRock MuniYield Investment Quality Fund (MFT)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par<br/>(000)</i> | <i>Value</i> |
|--|----------------------|--------------|
| <b>Ohio 1.4%</b>   |                      |              |
| State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1, 5.25%, 02/15/31   | \$ 1,500             | \$ 1,677,210 |
| <b>Oklahoma 1.1%</b>   |                      |              |
| Norman Regional Hospital Authority, Refunding RB, 5.00%, 09/01/37  | 400                  | 441,608      |
| Oklahoma Development Finance Authority, RB, Provident Oklahoma Education Resources, Inc., Cross Village Student Housing Project, Series A, 5.25%, 08/01/57 | 915                  | 897,020      |
|  |                      | 1,338,628    |
| <b>Oregon 0.2%</b>   |                      |              |
| County of Clackamas Oregon School District No. 12 North Clackamas, GO, CAB, Series A, 0.00%, 06/15/38 <sup>(c)</sup>                                       | 475                  | 212,572      |
| <b>Pennsylvania 0.8%</b>   |                      |              |
| Pennsylvania Housing Finance Agency, RB, S/F Housing Mortgage, Series 123-B, 4.00%, 10/01/42   | 940                  | 953,715      |
| <b>Rhode Island 0.4%</b>   |                      |              |
| Rhode Island Student Loan Authority, Refunding RB, Senior-Series A, AMT, 3.50%, 12/01/34   | 485                  | 484,985      |
| <b>South Carolina 8.1%</b>   |                      |              |
| County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38   | 1,470                | 1,682,371    |
| County of Charleston South Carolina Airport District, ARB, Series A, AMT: 5.50%, 07/01/26  | 1,810                | 2,060,468    |
| 6.00%, 07/01/38  | 1,155                | 1,310,486    |
| 5.50%, 07/01/41  | 1,000                | 1,110,510    |
| State of South Carolina Ports Authority, RB, AMT, 5.25%, 07/01/50  | 750                  | 833,362      |
| State of South Carolina Public Service Authority, RB, Series E, 5.50%, 12/01/53  | 40                   | 43,291       |
| State of South Carolina Public Service Authority, Refunding RB: Series C, 5.00%, 12/01/46  | 1,795                | 1,906,793    |
| Series E, 5.25%, 12/01/55  | 550                  | 594,732      |
|  |                      | 9,542,013    |
| <b>Texas 17.6%</b>   |                      |              |
| City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 03/01/37  | 930                  | 1,036,606    |
| City of Frisco Texas ISD, GO, School Building (AGC), 5.50%, 08/15/41   | 1,210                | 1,258,037    |
| City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC): 5.38%, 05/15/19 <sup>(a)</sup>                     | 950                  | 978,414      |
| 6.00%, 05/15/19 <sup>(a)</sup>   | 2,560                | 2,649,011    |
| 6.00%, 05/15/19 <sup>(a)</sup>   | 1,945                | 2,012,628    |

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|   |              |              |
|---|--------------|--------------|
| 6.00%, 11/15/35   | 140          | 144,913      |
| 6.00%, 11/15/36   | 110          | 113,860      |
| 5.38%, 11/15/38   | 50           | 51,436       |
| County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus Health, Series A (AGC):                 |              |              |
| 6.50%, 01/01/19 <sup>(a)</sup>  | 265          | 270,631      |
| 6.50%, 07/01/37   | 835          | 851,408      |
| Dallas-Fort Worth International Airport, Refunding ARB, Joint Revenue, Series E, AMT, 5.50%, 11/01/27                               | 2,500        | 2,835,000    |
| Dallas-Fort Worth Texas International Airport, ARB, Joint Improvement, Series H, AMT, 5.00%, 11/01/37                               | 980          | 1,051,481    |
| Del Mar College District, GOL, Series B, 4.00%, 08/15/48 <sup>(b)</sup>   | 710          | 719,968      |
| Lower Colorado River Authority, Refunding RB, 5.50%, 05/15/33   | 730          | 830,302      |
|   | <i>Par</i>   |              |
|   | <i>(000)</i> | <i>Value</i> |
| <b>Security</b>   |              |              |
| <b>Texas (continued)</b>  |              |              |
| North Texas Tollway Authority, RB, Special Projects, Series A, 5.50%, 09/01/21 <sup>(a)</sup>                                       | \$ 2,120     | \$ 2,343,914 |
| North Texas Tollway Authority, Refunding RB, 1st Tier <sup>(a)</sup> :<br>(AGM), 6.00%, 01/01/21                                    | 1,000        | 1,099,510    |
| Series K-1 (AGC), 5.75%, 01/01/19   | 1,400        | 1,425,438    |
| Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%, 03/15/38                                  | 420          | 468,334      |
| Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, Blueridge Transportation Group, AMT, 5.00%, 12/31/55     | 525          | 563,251      |
|   |              | 20,704,142   |
| <b>Virginia 1.2%</b>  |              |              |
| City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 01/01/43  | 380          | 412,843      |
| State of Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%, 12/01/18 <sup>(a)</sup>                     | 1,000        | 1,017,200    |
|   |              | 1,430,043    |
| <b>Washington 1.6%</b>  |              |              |
| City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 02/01/21 <sup>(a)</sup>                          | 1,000        | 1,085,670    |
| State of Washington, GO, Various Purposes, Series B, 5.25%, 02/01/21 <sup>(a)</sup>   | 725          | 787,111      |
|   |              | 1,872,781    |
| <b>Wisconsin 0.8%</b>   |              |              |
| State of Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert Health, Inc. Obligated Group, 4.00%, 04/01/39 | 270          | 271,957      |
| Wisconsin Housing & Economic Development Authority, RB, M/F Housing, WHPC Madison Pool Project, Series A, 4.70%, 07/01/47           | 660          | 685,298      |
|   |              | 957,255      |
| <b>Total Municipal Bonds 127.4%</b><br><b>(Cost \$141,798,621)</b>  |              | 150,109,429  |

**Municipal Bonds Transferred to Tender Option Bond Trusts<sup>(d)</sup>**

**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 | 2,274,906 |
| Fremont Union High School District, GO, Refunding Series A, 4.00%, 08/01/46   | 1,520 | 1,585,390 |
| Sacramento Area Flood Control Agency, Refunding, Consolidated Capital Assessment District No. 2, Series A, 5.00%, 10/01/43    | 2,565 | 2,923,399 |
|   |       | 6,783,695 |

**Connecticut 1.2%**

|  |       |           |
|--|-------|-----------|
| State of Connecticut Health & Educational Facility Authority, Refunding RB, Trinity Health Credit Group, 5.00%, 12/01/45 | 1,216 | 1,357,024 |
|--|-------|-----------|

**District of Columbia 0.6%**

|   |     |         |
|---|-----|---------|
| District of Columbia Water & Sewer Authority, Refunding RB, Series A, 6.00%, 10/01/18 <sup>(a)(e)</sup> | 759 | 765,135 |
|---|-----|---------|

**Florida 2.1%**

|   |       |           |
|---|-------|-----------|
| County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A, AMT (AGC), 5.50%, 10/01/38 | 2,499 | 2,512,327 |
|---|-------|-----------|

**Georgia 0.9%**

|   |       |           |
|---|-------|-----------|
| County of Dalton Whitfield Joint Development Authority, RB, Hamilton Health Care System Obligation, 4.00%, 08/15/48 | 1,025 | 1,046,199 |
|---|-------|-----------|

## Schedule of Investments (continued)

## BlackRock MuniYield Investment Quality Fund (MFT)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par<br/>(000)</i> | <i>Value</i> |
|--|----------------------|--------------|
| <b>Idaho 1.4%</b>  |                      |              |
| Idaho State Building Authority, RB, State Office Campus Project, Series A, 4.00%, 09/01/48   | \$ 1,570             | \$ 1,629,338 |
| <b>Illinois 0.9%</b>   |                      |              |
| State of Illinois Toll Highway Authority, RB, Series C, 5.00%, 01/01/38  | 1,004                | 1,105,582    |
| <b>Nevada 5.6%</b>   |                      |              |
| County of Clark Nevada Water Reclamation District, GO, Series B, 5.50%, 07/01/19 <sup>(a)</sup>  | 1,994                | 2,066,669    |
| Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 06/01/28  | 4,200                | 4,537,827    |
|  |                      | 6,604,496    |
| <b>New Jersey 2.1%</b>   |                      |              |
| New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29  | 1,410                | 1,427,231    |
| New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B, 5.25%, 06/15/36 <sup>(e)</sup>                          | 1,000                | 1,042,856    |
|  |                      | 2,470,087    |
| <b>New York 12.8%</b>  |                      |              |
| 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                | 1,130,700    |
| City of New York Municipal Water Finance Authority, Refunding RB, Water & Sewer System, 2nd General Resolution, Series BB, 5.25%, 06/15/44   | 2,999                | 3,296,890    |
| City of New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3, 5.25%, 01/15/39  | 1,000                | 1,015,905    |
| Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 02/15/47 <sup>(e)</sup>   | 1,000                | 1,093,527    |
| New York Liberty Development Corp., ARB, 1 World Trade Center Port Authority Consolidated Bonds, 5.25%, 12/15/43                             | 3,000                | 3,284,406    |
| New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%, 11/15/51 <sup>(e)</sup>                               | 1,770                | 1,966,549    |
| State of New York Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 03/15/19 <sup>(a)</sup>                                    | 3,250                | 3,326,765    |
|  |                      | 15,114,742   |
| <b>North Carolina 0.8%</b>   |                      |              |
| North Carolina Housing Finance Agency, RB, S/F Housing, Series 39-B (Ginnie Mae, Fannie Mae & Freddie Mac), 4.00%, 01/01/48                  | 902                  | 904,796      |
| <b>Pennsylvania 1.6%</b>   |                      |              |
| Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42  | 1,664                | 1,900,439    |
| <b>Rhode Island 1.6%</b>   |                      |              |
| Rhode Island Health & Educational Building Corp., RB, Series A, 4.00%, 09/15/47  | 1,832                | 1,854,140    |



| <i>Security</i>  | <i>Par<br/>(000)</i> | <i>Value</i>   |
|--|----------------------|----------------|
| <b>Texas 2.2%</b><br>City of San Antonio Texas Public Service Board, Refunding RB, Series A,<br>5.25%, 02/01/19 <sup>(a)(e)</sup>                                    | \$ 2,609             | \$ 2,657,317   |
| <b>Utah 0.9%</b><br>City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 08/15/19 <sup>(a)</sup>   | 1,005                | 1,040,114      |
| <b>Virginia 1.7%</b><br>Hampton Roads Transportation Accountability Commission, RB, Transportation Fund,<br>Senior Lien, Series A,<br>5.50%, 07/01/57 <sup>(e)</sup> | 1,668                | 1,984,572      |
| <b>West Virginia 1.2%</b><br>Morgantown Utility Board Inc., RB, Series B,<br>4.00%, 12/01/48 <sup>(e)</sup>  | 1,391                | 1,397,472      |
| <b>Total Municipal Bonds Transferred to Tender Option Bond Trusts 43.4%</b><br><b>(Cost \$49,809,533)</b>  |                      | 51,127,475     |
| <b>Total Long-Term Investments 170.8%</b><br><b>(Cost \$191,608,154)</b>   |                      | 201,236,904    |
|  | <i>Shares</i>        |                |
| <b>Short-Term Securities 0.4%</b><br>BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.85% <sup>(f)(g)</sup>   | 477,450              | 477,546        |
| <b>Total Short-Term Securities 0.4%</b><br><b>(Cost \$477,546)</b>   |                      | 477,546        |
| <b>Total Investments 171.2%</b><br><b>(Cost \$192,085,700)</b>   |                      | 201,714,450    |
| <b>Other Assets Less Liabilities 1.3%</b>  |                      | 1,463,284      |
| <b>Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (24.5)%</b>   |                      | (28,882,358)   |
| <b>VMTP Shares at Liquidation Value (48.0)%</b>  |                      | (56,500,000)   |
| <b>Net Assets 100.0%</b>   |                      | \$ 117,795,376 |

(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) When-issued security.

(c) Zero-coupon bond.

(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 September 6, 2018, to June 1,

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2026, is \$6,503,385. See Note 4 of the Notes to Financial Statements for details.

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

(g) During the year ended July 31, 2018, 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<br/>Held at<br/>07/31/17</i> | <i>Net<br/>Activity</i> | <i>Shares<br/>Held at<br/>07/31/18</i> | <i>Value at<br/>07/31/18</i> | <i>Income</i> | <i>Realized<br/>Gain (Loss)</i> | <i>Change<br/>in<br/>Net Unrealized<br/>Appreciation<br/>(Depreciation)</i> |
|--|--|-------------------------|--|------------------------------|---------------|---------------------------------|---|
| BlackRock Liquidity Funds,<br>MuniCash, Institutional<br>Class | 623,916                                | (146,466)               | 477,450                                | \$ 477,546                   | \$ 7,076      | \$ (175)                        | \$ (62)   |

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

Schedule of Investments (continued)

BlackRock MuniYield Investment Quality Fund (MFT)

July 31, 2018

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

| <i>Description</i>         | <i>Number of<br/>Contracts</i> | <i>Expiration<br/>Date</i> | <i>Notional<br/>Amount (000)</i> | <i>Value/<br/>Unrealized<br/>Appreciation<br/>(Depreciation)</i> |
|----------------------------|--------------------------------|----------------------------|----------------------------------|--|
| Short Contracts:           |                                |                            |                                  |  |
| 10-Year U.S. Treasury Note | 13                             | 09/19/18                   | \$ 1,552                         | \$ 9,089   |
| Long U.S. Treasury Bond    | 22                             | 09/19/18                   | 3,145                            | 7,188  |
| 5-Year U.S. Treasury Note  | 17                             | 09/28/18                   | 1,923                            | 2,791  |
|                            |                                |                            |                                  | \$ 19,068  |

**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:

| <b>Assets</b>                               | <b>Commodity<br/>Contracts</b> | <b>Credit<br/>Contracts</b> | <b>Equity<br/>Contracts</b> | <b>Foreign<br/>Currency<br/>Exchange<br/>Contracts</b> | <b>Interest<br/>Rate<br/>Contracts</b> | <b>Other<br/>Contracts</b> | <b>Total</b> |
|---|--------------------------------|-----------------------------|-----------------------------|--|--|----------------------------|--------------|
| <b>Derivative Financial<br/>Instruments</b> |                                |                             |                             |  |  |                            |              |
| Futures contracts                           |                                |                             |                             |  |  |                            |              |
| Net unrealized appreciation <sup>(a)</sup>  | \$                             | \$                          | \$                          | \$   | \$ 19,068                              | \$                         | \$ 19,068    |

<sup>(a)</sup> Includes cumulative appreciation 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 year ended July 31, 2018, the effect of derivative financial instruments in the Statements of Operations was as follows:

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

|   | <i>Contracts</i> |    |    |    |            |            |
|---|------------------|----|----|----|------------|------------|
| <b>Net Realized Gain (Loss) from:</b>                               |                  |    |    |    |            |            |
| Futures contracts   | \$               | \$ | \$ | \$ | \$ 473,436 | \$ 473,436 |
| <b>Net Change in Unrealized<br/>Appreciation (Depreciation) on:</b> |                  |    |    |    |            |            |
| Futures contracts   | \$               | \$ | \$ | \$ | \$ 29,882  | \$ 29,882  |

### Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short \$ 8,035,668

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 <sup>(a)</sup>            | \$             | \$ 201,236,904 | \$             | \$ 201,236,904 |
| Short-Term Securities                           | 477,546        |                |                | 477,546        |
|   | \$ 477,546     | \$ 201,236,904 | \$             | \$ 201,714,450 |
| Derivative Financial Instruments <sup>(b)</sup> |                |                |                |                |
| Assets:   |                |                |                |                |
| Interest rate contracts                         | \$ 19,068      | \$             | \$             | \$ 19,068      |

<sup>(a)</sup> See above Schedule of Investments for values in each state.

<sup>(b)</sup> Derivative financial instruments are futures contracts which are valued at the unrealized appreciation (depreciation) on the instrument.

Schedule of Investments (continued)

**BlackRock MuniYield Investment Quality Fund (MFT)**

July 31, 2018

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           | \$             | \$ (28,786,188) | \$             | \$ (28,786,188) |
| VMTP Shares at Liquidation Value |                | (56,500,000)    |                | (56,500,000)    |
|                                  | \$             | \$ (85,286,188) | \$             | \$ (85,286,188) |

During the year ended July 31, 2018, there were no transfers between levels.

*See notes to financial statements.*

SCHEDULES OF INVESTMENTS

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## Schedule of Investments

## BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

July 31, 2018

(Percentages shown are based on Net Assets)

|  | <i>Par</i>   |               |
|--|--------------|---------------|
|  | <i>(000)</i> | <i>Value</i>  |
| <i>Security</i>  |              |               |
| <b>Municipal Bonds 138.2%</b>  |              |               |
| <b>Michigan 138.2%</b>   |              |               |
| <b>Corporate 3.8%</b>  |              |               |
| County of Monroe Michigan EDC, Refunding RB, Detroit Edison Co. Project, Series AA (NPFGC), 6.95%, 09/01/22  | \$ 14,500    | \$ 17,130,010 |
| <b>County/City/Special District/School District 29.0%</b>  |              |               |
| Anchor Bay School District, GO, Refunding, (Q-SBLF):   |              |               |
| 4.38%, 05/01/27  | 1,600        | 1,681,728     |
| 4.50%, 05/01/29  | 1,505        | 1,581,514     |
| Battle Creek School District Michigan, GO, Refunding, (Q-SBLF):  |              |               |
| 5.00%, 05/01/35  | 1,100        | 1,234,860     |
| 5.00%, 05/01/36  | 1,500        | 1,678,440     |
| 5.00%, 05/01/37  | 1,170        | 1,306,633     |
| Berkley School District, GO, School Building & Site (Q-SBLF), 5.00%, 05/01/35                                | 2,965        | 3,303,573     |
| Byron Center Public Schools, GO, School Building & Site, Series I (Q-SBLF):                                  |              |               |
| 5.00%, 05/01/43  | 1,580        | 1,782,556     |
| 5.00%, 05/01/47  | 3,635        | 4,060,041     |
| Columbia Michigan School District, GO, Unlimited Tax, School Building & Site (Q-SBLF), 5.00%, 05/01/38       | 5,185        | 5,737,825     |
| Comstock Park Michigan Public Schools, GO, School Building & Site, Series B (Q-SBLF) <sup>(a)</sup> :        |              |               |
| 5.50%, 05/01/21  | 1,200        | 1,318,116     |
| 5.50%, 05/01/21  | 2,185        | 2,400,070     |
| Country of Saginaw Michigan, GO, 4.00%, 11/01/42   | 2,000        | 2,062,360     |
| County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 05/01/19                                 | 1,000        | 1,008,420     |
| Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A (AGC), 5.50%, 05/01/39 | 5,300        | 5,441,139     |
| Dearborn School District, GO, School Building & Site, Series A (Q-SBLF):                                     |              |               |
| 5.00%, 05/01/32  | 1,500        | 1,685,640     |
| 5.00%, 05/01/33  | 1,600        | 1,791,328     |
| 5.00%, 05/01/34  | 1,200        | 1,339,740     |
| Dexter Community Schools, GO, Refunding School Building & Site (Q-SBLF), 4.00%, 05/01/31                     | 1,540        | 1,641,763     |
| Dowagiac Union School District, GO, (Q-SBLF), 5.00%, 05/01/41  | 1,140        | 1,268,182     |
| East Lansing School District, GO, School Building & Site, Series I (Q-SBLF):                                 |              |               |
| 5.00%, 05/01/34  | 600          | 683,772       |
| 5.00%, 05/01/35  | 700          | 793,723       |
| 5.00%, 05/01/36  | 550          | 620,510       |
| 5.00%, 05/01/37  | 550          | 617,403       |
| 5.00%, 05/01/39  | 740          | 828,304       |

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|   |              |              |
|---|--------------|--------------|
| 5.00%, 05/01/42   | 1,000        | 1,116,930    |
| Farmington Public School District, GO, Refunding, School Building & Site (AGM):                           |              |              |
| 5.00%, 05/01/33   | 1,500        | 1,684,875    |
| 5.00%, 05/01/34   | 1,500        | 1,680,975    |
| 5.00%, 05/01/35   | 1,000        | 1,120,000    |
| Flint EDC, RB, Michigan Department of Human Services Office Building Project,                             |              |              |
| 5.25%, 10/01/41   | 4,950        | 5,405,647    |
| Fraser Public School District, Refunding, GO, School Building & Site (Q-SBLF):                            |              |              |
| 5.00%, 05/01/38   | 750          | 843,120      |
| 5.00%, 05/01/43   | 2,000        | 2,232,260    |
| 5.00%, 05/01/47   | 3,225        | 3,589,199    |
|   | <i>Par</i>   |              |
| <i>Security</i>   | <i>(000)</i> | <i>Value</i> |
| <b>County/City/Special District/School District (continued)</b>   |              |              |
| Gibraltar School District, GO, (Q-SBLF):  |              |              |
| 5.00%, 05/01/35   | \$ 1,000     | \$ 1,144,250 |
| 5.00%, 05/01/36   | 750          | 856,838      |
| Goodrich Area School District, GO, School Building & Site (Q-SBLF):                                       |              |              |
| 5.50%, 05/01/21 <sup>(a)</sup>  | 1,540        | 1,689,411    |
| 5.50%, 05/01/36   | 460          | 501,653      |
| Goodrich Area School District Michigan, GO, School Building & Site (Q-SBLF):                              |              |              |
| 5.50%, 05/01/21 <sup>(a)</sup>  | 2,575        | 2,828,457    |
| 5.50%, 05/01/32   | 1,000        | 1,095,610    |
| Grand Rapids Public Schools, GO, Refunding Unlimited Tax (AGM), 5.00%, 05/01/29                           | 1,000        | 1,158,660    |
| Grandville Public Schools, GO, School Building & Site, Series II (AGM), 5.00%, 05/01/40                   | 3,250        | 3,556,898    |
| Hudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF),                                 |              |              |
| 5.25%, 05/01/21 <sup>(a)</sup>  | 6,750        | 7,378,897    |
| Hudsonville Public Schools, GO, Refunding Unlimited Tax (Q-SBLF):   |              |              |
| 5.00%, 05/01/38   | 1,835        | 2,065,806    |
| 5.00%, 05/01/40   | 2,450        | 2,750,248    |
| Jackson Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.00%, 05/01/42                     | 4,000        | 4,512,840    |
| Kentwood Public Schools, GO, School Building & Site:  |              |              |
| 5.00%, 05/01/41   | 1,120        | 1,242,707    |
| 5.00%, 05/01/44   | 1,815        | 2,009,931    |
| Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 05/01/43                      | 5,000        | 5,527,750    |
| Mattawan Consolidated School District, GO, Series I (Q-SBLF), 5.00%, 05/01/39                             | 3,375        | 3,719,351    |
| Portage Public Schools, GO, Refunding School Building & Site:   |              |              |
| 5.00%, 11/01/34   | 1,000        | 1,129,180    |
| 5.00%, 11/01/36   | 1,000        | 1,118,960    |
| 5.00%, 11/01/37   | 1,250        | 1,395,975    |
| 5.00%, 11/01/35   | 1,340        | 1,506,240    |
| Romeo Community School District, GO, Refunding School Building & Site, Series 1 (Q-SBLF), 5.00%, 05/01/41 | 2,250        | 2,502,990    |
| Saline Area Schools Historic Preservation Foundation, GO, Refunding(Q-SBLF),                              |              |              |
| 5.00%, 05/01/30   | 2,210        | 2,585,125    |
| Troy School District, GO, School Building & Site (Q-SBLF), 5.00%, 05/01/28                                | 2,000        | 2,269,640    |
| Walled Lake Consolidated School District, GO, School Building & Site (Q-SBLF):                            |              |              |
| 5.00%, 05/01/37   | 2,850        | 3,171,537    |
| 5.00%, 05/01/40   | 2,630        | 2,922,640    |
| 5.00%, 05/01/43   | 1,530        | 1,696,280    |

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Zeeland Public Schools, GO, School Building & Site, Series A (AGM):

|                 |       |             |
|-----------------|-------|-------------|
| 5.00%, 05/01/33 | 1,000 | 1,123,250   |
| 5.00%, 05/01/34 | 1,000 | 1,120,650   |
| 5.00%, 05/01/35 | 1,000 | 1,120,000   |
|                 |       | 129,242,420 |

**Education 23.6%**

City of Grand Rapids Michigan, EDC, RB, Ferris State University Project, Series A,

|  |       |           |
|--|-------|-----------|
| 5.50%, 10/01/35  | 760   | 813,192   |
| Eastern Michigan University, Refunding RB, Series A (BAM), 5.00%, 03/01/36 | 500   | 562,660   |
| Ferris State University, Refunding RB:                                     |       |           |
| 5.00%, 10/01/41  | 2,250 | 2,516,557 |
| General (AGM), 4.50%, 10/01/24   | 1,595 | 1,602,225 |
| General (AGM), 4.50%, 10/01/25   | 1,405 | 1,411,323 |



## Schedule of Investments (continued)

## BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par</i>   | <i>Value</i> |
|--|--------------|--------------|
|  | <i>(000)</i> |              |
| <b>Education (continued)</b>   |              |              |
| Michigan Finance Authority, Refunding RB:  |              |              |
| College for Creative Studies, 4.00%, 12/01/33  | \$ 1,720     | \$ 1,675,624 |
| College for Creative Studies, 5.00%, 12/01/36  | 1,550        | 1,658,206    |
| College for Creative Studies, 5.00%, 12/01/40  | 2,900        | 3,027,919    |
| College for Creative Studies, 5.00%, 12/01/45  | 4,400        | 4,572,700    |
| Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/29                                  | 5,900        | 6,029,269    |
| Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/30                                  | 2,850        | 2,907,912    |
| Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/31                                  | 3,150        | 3,207,771    |
| Michigan State University, Refunding RB, General, Series C:                              |              |              |
| 5.00%, 02/15/40  | 8,470        | 8,831,415    |
| 5.00%, 02/15/44  | 1,000        | 1,043,450    |
| Michigan Technological University, RB, General, Series A, 5.00%, 10/01/45                | 1,800        | 2,010,762    |
| Northern Michigan University, Refunding RB, General, Series A:                           |              |              |
| 5.00%, 12/01/33  | 225          | 258,714      |
| 5.00%, 12/01/35  | 1,245        | 1,422,525    |
| Oakland University, RB:  |              |              |
| 5.00%, 03/01/41  | 3,635        | 4,025,799    |
| General, 5.00%, 03/01/32   | 400          | 433,752      |
| General, Series A, 5.00%, 03/01/38   | 5,490        | 6,013,142    |
| General, Series A, 5.00%, 03/01/43   | 16,845       | 18,419,839   |
| University of Michigan, RB, Series A, 5.00%, 04/01/39                                    | 3,425        | 3,895,800    |
| Wayne State University, GRB, Series A, 5.00%, 11/15/43                                   | 6,030        | 6,833,256    |
| Wayne State University, RB, General, Series A, 5.00%, 11/15/40                           | 3,000        | 3,348,630    |
| West Bloomfield School District, GO, School Building & Site (AGM), 5.00%, 05/01/35       | 1,800        | 2,043,936    |
| Western Michigan University, Refunding RB, General, University and College Improvements: |              |              |
| 5.25%, 11/15/40  | 3,500        | 3,865,820    |
| 5.25%, 11/15/43  | 8,475        | 9,590,649    |
| (AGM), 5.25%, 11/15/33   | 1,000        | 1,134,280    |
| (AGM), 5.00%, 11/15/39   | 1,750        | 1,954,278    |
|  |              | 105,111,405  |
| <b>Health 32.1%</b>  |              |              |
| Grand Traverse County Hospital Finance Authority, RB, Series A:                          |              |              |
| 5.00%, 07/01/44  | 4,230        | 4,577,917    |
| 5.00%, 07/01/47  | 2,200        | 2,377,276    |
| Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM):              |              |              |
| 5.25%, 05/15/20 <sup>(a)</sup>   | 4,140        | 4,392,830    |
| 5.25%, 05/15/36  | 3,360        | 3,520,306    |
| Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A,       |              |              |
| 5.00%, 11/15/29  | 7,500        | 8,134,650    |

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|  |            |              |
|--|------------|--------------|
| Michigan Finance Authority, RB:  |            |              |
| Beaumont Health Credit Group, 4.00%, 11/01/46  | 1,025      | 1,028,793    |
| Sparrow Obligated Group, 5.00%, 11/15/36   | 2,500      | 2,712,150    |
| Sparrow Obligated Group, 5.00%, 11/15/45   | 3,750      | 4,086,975    |
| Michigan Finance Authority, Refunding RB:  |            |              |
| Henry Ford Health System, 5.00%, 11/15/37  | 3,000      | 3,318,840    |
| Henry Ford Health System, 3.25%, 11/15/42  | 1,145      | 997,764      |
| Henry Ford Health System, 4.00%, 11/15/46  | 8,500      | 8,485,295    |
| Hospital, McLaren Health Care, 5.00%, 05/15/32   | 1,000      | 1,119,970    |
| Hospital, McLaren Health Care, 5.00%, 05/15/33   | 2,000      | 2,230,860    |
| Hospital, McLaren Health Care, 5.00%, 05/15/34   | 5,000      | 5,557,750    |
| Hospital, McLaren Health Care, 5.00%, 05/15/34   | 1,500      | 1,667,325    |
| Hospital, McLaren Health Care, 5.00%, 05/15/35   | 4,945      | 5,477,478    |
| Hospital; Trinity Health Credit Group, 5.00%, 12/01/39   | 4,980      | 5,421,925    |
|  | <i>Par</i> |              |
|  | (000)      | <i>Value</i> |
| <b>Security</b>  |            |              |
| <b>Health (continued)</b>  |            |              |
| MidMichigan Health, 5.00%, 06/01/39  | \$ 1,500   | \$ 1,645,860 |
| Trinity Health Credit Group, 5.00%, 12/01/21 <sup>(a)</sup>  | 20         | 21,984       |
| Trinity Health Credit Group, 5.00%, 12/01/31   | 5,000      | 5,489,350    |
| Trinity Health Credit Group, 5.00%, 12/01/35   | 6,500      | 7,087,795    |
| Michigan State Hospital Finance Authority, RB, Ascension Health Senior Credit Group, 5.00%, 11/15/25 | 6,000      | 6,254,580    |
| Michigan State Hospital Finance Authority, Refunding RB:   |            |              |
| Ascension Senior Credit Group, 5.00%, 11/15/47   | 2,750      | 3,094,877    |
| Henry Ford Health System, 5.75%, 11/15/19 <sup>(a)</sup>   | 3,165      | 3,330,213    |
| Hospital, Oakwood Obligated Group, 5.00%, 11/01/32   | 4,000      | 4,383,520    |
| McLaren Health Care, Series A, 5.00%, 06/01/35   | 2,250      | 2,434,478    |
| Trinity Health, 6.50%, 12/01/18 <sup>(a)</sup>   | 425        | 432,238      |
| Trinity Health, 6.50%, 12/01/33  | 80         | 81,362       |
| Trinity Health Credit Group, 6.50%, 12/01/18 <sup>(a)</sup>  | 1,895      | 1,927,272    |
| Trinity Health Credit Group, Series A, 6.13%, 12/01/18 <sup>(a)</sup>                                | 940        | 954,852      |
| Trinity Health Credit Group, Series A, 6.25%, 12/01/18 <sup>(a)</sup>                                | 1,500      | 1,524,315    |
| Trinity Health Credit Group, Series C, 4.00%, 12/01/32   | 5,300      | 5,461,173    |
| Royal Oak Hospital Finance Authority Michigan, Refunding RB:   |            |              |
| Beaumont Health Credit Group, Series D, 5.00%, 09/01/39  | 27,365     | 29,921,986   |
| William Beaumont Hospital, Series V, 8.25%, 09/01/18 <sup>(a)</sup>                                  | 2,000      | 2,011,140    |
| William Beaumont Hospital, Series W, 6.00%, 08/01/19 <sup>(a)</sup>                                  | 1,500      | 1,564,275    |
|  |            | 142,729,374  |
| <b>Housing 5.9%</b>  |            |              |
| Michigan State HDA, RB:  |            |              |
| M/F Housing, Rental Housing Revenue, Series A, 4.45%, 10/01/34                                       | 1,000      | 1,037,460    |
| M/F Housing, Rental Housing Revenue, Series A, 4.63%, 10/01/39                                       | 3,490      | 3,601,296    |
| M/F Housing, Rental Housing Revenue, Series A, 4.75%, 10/01/44                                       | 5,000      | 5,164,300    |
| M/F Housing, Series A, 4.30%, 10/01/40   | 3,320      | 3,408,478    |
| Series A, 4.00%, 10/01/43  | 4,420      | 4,412,839    |
| Williams Pavilion, AMT (Ginnie Mae), 4.75%, 04/20/37   | 3,240      | 3,242,398    |
| Michigan State HDA, Refunding RB, M/F Housing, Series A, 6.05%, 10/01/41                             | 4,875      | 5,163,015    |

|   |       |            |
|---|-------|------------|
|   |       | 26,029,786 |
| <b>State 17.2%</b>  |       |            |
| Michigan Finance Authority, Refunding RB, Detroit Regional Convention Facility Authority Local Project Bonds, 5.00%, 10/01/39 | 5,400 | 5,993,838  |
| Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 04/15/35                                | 4,000 | 4,537,280  |
| Michigan State Finance Authority, RB, Local Government Loan Program, Series F, 5.00%, 04/01/31                                | 1,000 | 1,078,090  |
| Michigan Strategic Fund, RB, Michigan Senate Offices Project, Series A, 5.25%, 10/15/40                                       | 3,000 | 3,319,470  |
| Michigan Strategic Fund, Refunding RB, Cadillac Place Office Building Project, 5.25%, 10/15/31                                | 7,000 | 7,704,480  |
| State of Michigan, COP, (AMBAC), 0.00%, 06/01/22 <sup>(b)(c)</sup>  | 3,000 | 2,769,300  |
| State of Michigan Building Authority, RB, Local Government Loan Program, Series F, 5.25%, 10/01/41                            | 8,595 | 9,309,416  |
| State of Michigan Building Authority, Refunding RB:<br>Facilities Program, Series I, 6.25%, 10/15/18 <sup>(a)</sup>           | 3,780 | 3,818,065  |
| Facilities Program, Series I, 6.25%, 10/15/18 <sup>(a)</sup>  | 2,260 | 2,282,758  |
| Facilities Program, Series I, 6.25%, 10/15/38   | 210   | 212,018    |
| Facilities Program, Series I (AGC), 5.25%, 10/15/24   | 6,000 | 6,259,740  |
| Facilities Program, Series I (AGC), 5.25%, 10/15/25   | 3,500 | 3,648,085  |
| Facilities Program, Series I (AGC), 5.25%, 10/15/26   | 1,000 | 1,041,330  |

Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par</i>   | <i>Value</i> |
|---|--------------|--------------|
|   | <i>(000)</i> |              |
| <b>State (continued)</b>  |              |              |
| Facilities Program, Series I-A, 5.50%, 10/15/45   | \$ 2,000     | \$ 2,204,920 |
| Facilities Program, Series II (AGM), 5.00%, 10/15/26  | 7,500        | 7,789,575    |
| Series I, 5.00%, 04/15/41   | 4,750        | 5,333,205    |
| State of Michigan Trunk Line Fund, RB:  |              |              |
| 5.00%, 11/15/33   | 3,000        | 3,266,790    |
| 5.00%, 11/15/36   | 5,345        | 5,800,822    |
|   |              | 76,369,182   |
| <b>Transportation 9.9%</b>  |              |              |
| Wayne County Airport Authority, RB:   |              |              |
| Detroit Metropolitan Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39                               | 1,475        | 1,616,246    |
| Series B, AMT, 5.00%, 12/01/42  | 1,000        | 1,110,070    |
| Series B, AMT, 5.00%, 12/01/47  | 1,250        | 1,382,363    |
| Series D, 5.00%, 12/01/35   | 3,850        | 4,331,596    |
| Series D, 5.00%, 12/01/45   | 5,000        | 5,566,450    |
| Wayne County Airport Authority, Refunding RB, AMT:  |              |              |
| (AGC), 5.75%, 12/01/25  | 4,000        | 4,054,920    |
| (AGC), 5.75%, 12/01/26  | 4,060        | 4,115,744    |
| (AGC), 5.38%, 12/01/32  | 13,000       | 13,142,870   |
| Series F, 5.00%, 12/01/34   | 8,000        | 8,878,800    |
|   |              | 44,199,059   |
| <b>Utilities 16.7%</b>  |              |              |
| City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 07/01/39 | 2,655        | 2,885,242    |
| City of Detroit Michigan Water Supply System Revenue, RB, Series A:                                   |              |              |
| Senior Lien, 5.25%, 07/01/41  | 4,325        | 4,649,591    |
| (NPFGC), 5.00%, 07/01/34  | 10           | 10,027       |
| City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 5.50%, 01/01/22  | 1,050        | 1,127,165    |
| City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 07/01/39                       | 10,000       | 10,759,500   |
| City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A:                      |              |              |
| 5.00%, 07/01/27   | 3,180        | 3,440,219    |
| 5.00%, 07/01/31   | 6,830        | 7,370,799    |
| 5.00%, 07/01/37   | 3,335        | 3,569,784    |
| 5.50%, 07/01/41   | 5,000        | 5,472,050    |
| City of Port Huron Michigan, RB, Water Supply System:   |              |              |
| 5.25%, 10/01/31   | 500          | 543,630      |
| 5.63%, 10/01/40   | 1,500        | 1,657,110    |
| Great Lakes Water Authority Water Supply System Revenue, RB, Second Lien, Series B, 5.00%, 07/01/46   | 10,000       | 10,985,300   |

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|   |       |            |
|---|-------|------------|
| Karegnondi Water Authority, Refunding RB:   |       |            |
| 5.00%, 11/01/41   | 2,750 | 3,032,205  |
| 5.00%, 11/01/45   | 3,000 | 3,297,960  |
| Michigan Finance Authority, Refunding RB:   |       |            |
| Government Loan Program, 5.00%, 07/01/34  | 2,000 | 2,204,700  |
| Government Loan Program, 5.00%, 07/01/35  | 750   | 824,820    |
| Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 07/01/31   | 1,000 | 1,114,500  |
| Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 07/01/32   | 5,250 | 5,836,057  |
| Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 07/01/33   | 3,000 | 3,326,280  |
| Michigan Municipal Bond Authority, RB, State Clean Water Revolving Fund, Pooled Project, 5.00%, 10/01/20 <sup>(a)</sup> | 2,000 | 2,139,160  |
|   |       | 74,246,099 |

**Total Municipal Bonds 138.2%**  
**(Cost \$588,616,300)** 615,057,335

*Par*

*Security* (000) *Value*

**Municipal Bonds Transferred to Tender Option Bond Trusts<sup>(d)</sup>**

**Michigan 25.2%**

**Education 14.4%**

|   |           |               |
|---|-----------|---------------|
| Eastern Michigan University, RB, General ,Series A (AGM), 4.00%, 03/01/44   | \$ 10,000 | \$ 10,167,050 |
| Michigan State University, Refunding RB, General, Series A, 5.00%, 08/15/38 | 10,000    | 11,137,650    |
| University of Michigan, Refunding RB, 5.00%, 04/01/46                       | 10,000    | 11,374,554    |
| Wayne State University, RB, General, Series A, 5.00%, 11/15/40              | 10,000    | 11,154,400    |
| Wayne State University, Refunding RB, General (AGM) <sup>(a)</sup> :        |           |               |
| 5.00%, 11/15/18   | 8,880     | 8,972,122     |
| 5.00%, 11/15/18   | 11,120    | 11,235,360    |

64,041,136

**Health 7.5%**

|   |        |            |
|---|--------|------------|
| Michigan Finance Authority, RB, Beaumont Health Credit Group, Series A, 5.00%, 11/01/44 | 10,002 | 10,960,960 |
| Michigan Finance Authority, Refunding RB:   |        |            |
| Hospital, Trinity Health Credit Group, 5.00%, 12/01/39                                  | 190    | 206,709    |
| Trinity Health Corp., Series 2016, 5.00%, 12/01/45                                      | 19,735 | 22,014,460 |

33,182,129

**State 3.3%**

|  |       |           |
|--|-------|-----------|
| Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%, 10/15/45 | 5,150 | 5,750,130 |
| Michigan State Finance Authority, Refunding RB, Student Loan, AMT, Series A, 4.00%, 11/01/28   | 8,750 | 8,962,065 |

14,712,195

**Total Municipal Bonds Transferred to Tender Option Bond Trusts 25.2%** 111,935,460

(Cost \$110,274,596)

**Total Long-Term Investments 163.4%**

(Cost \$698,890,896) 726,992,795

*Shares*

**Short-Term Securities 0.7%**

BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.85%<sup>(e)(f)</sup> 3,335,566 3,336,234

**Total Short-Term Securities 0.7%**

(Cost \$3,335,809) 3,336,234

**Total Investments 164.1%**

(Cost \$702,226,705) 730,329,029

**Other Assets Less Liabilities 1.4%** 6,289,639

**Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (13.5)%** (60,196,309)

**VRDP Shares at Liquidation Value, Net of Deferred Offering**

**Costs (52.0)%** (231,475,718)

**Net Assets Applicable to Common Shares 100.0%** \$ 444,946,641

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

## Schedule of Investments (continued)

## BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

July 31, 2018

(f) During the year ended July 31, 2018, 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<br>Held at<br>07/31/17 | Net<br>Activity | Shares<br>Held at<br>07/31/18 | Value at<br>07/31/18 | Income    | Change in               |   |
|--|-------------------------------|-----------------|-------------------------------|----------------------|-----------|-------------------------|---|
|  |                               |                 |                               |                      |           | Realized<br>Gain (Loss) | Unrealized<br>Net<br>Appreciation<br>(Depreciation) |
| BlackRock Liquidity<br>Funds, MuniCash,<br>Institutional Class | 4,666,675                     | (1,331,109)     | 3,335,566                     | \$ 3,336,234         | \$ 35,032 | \$ 1,846                | \$ (550)  |

(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<br>Contracts | Expiration<br>Date | Notional<br>Amount (000) | Value/                                       |
|----------------------------|------------------------|--------------------|--------------------------|--|
|                            |                        |                    |                          | Unrealized<br>Appreciation<br>(Depreciation) |
| Short Contracts:           |                        |                    |                          |  |
| 10-Year U.S. Treasury Note | 96                     | 09/19/18           | \$ 11,465                | \$ 14,167                                    |
| Long U.S. Treasury Bond    | 134                    | 09/19/18           | 19,158                   | (61,903)                                     |
| 5-Year U.S. Treasury Note  | 71                     | 09/28/18           | 8,032                    | 7,810  |
|                            |                        |                    |                          | \$ (39,926)                                  |

## 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>Rate</i>      | <i>Other</i> | <i>Total</i> |
|---|------------------|------------------|------------------|------------------|------------------|------------------|--------------|--------------|
|   | <i>Currency</i>  |                  | <i>Interest</i>  |                  |                  |                  |              |              |
|   | <i>Commodity</i> | <i>Credit</i>    | <i>Equity</i>    | <i>Exchange</i>  |                  |                  |              |              |
|   | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> |              |              |
| <b>Assets Derivative Financial Instruments</b>      |                  |                  |                  |                  |                  |                  |              |              |
| Futures contracts                                   |                  |                  |                  |                  |                  |                  |              |              |
| Net unrealized appreciation <sup>(a)</sup>          | \$               | \$               | \$               | \$               | \$ 21,977        | \$               | \$ 21,977    |              |
| <b>Liabilities Derivative Financial Instruments</b> |                  |                  |                  |                  |                  |                  |              |              |
| Futures contracts                                   |                  |                  |                  |                  |                  |                  |              |              |
| Net unrealized depreciation <sup>(a)</sup>          | \$               | \$               | \$               | \$               | \$ 61,903        | \$               | \$ 61,903    |              |

<sup>(a)</sup> 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 year ended July 31, 2018, the effect of derivative financial instruments in the Statements of Operations were as follows:

|   | <i>Foreign</i>   |                  |                  |                  |                  | <i>Rate</i>      | <i>Other</i> | <i>Total</i> |
|---|------------------|------------------|------------------|------------------|------------------|------------------|--------------|--------------|
|   | <i>Currency</i>  |                  | <i>Interest</i>  |                  |                  |                  |              |              |
|   | <i>Commodity</i> | <i>Credit</i>    | <i>Equity</i>    | <i>Exchange</i>  |                  |                  |              |              |
|   | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> | <i>Contracts</i> |              |              |
| <b>Net Realized Gain (Loss) from:</b>                           |                  |                  |                  |                  |                  |                  |              |              |
| Futures contracts   | \$               | \$               | \$               | \$               | \$ 2,050,553     | \$               | \$ 2,050,553 |              |
| <b>Net Change in Unrealized Appreciation (Depreciation) on:</b> |                  |                  |                  |                  |                  |                  |              |              |
| Futures contracts   | \$               | \$               | \$               | \$               | \$ 26,306        | \$               | \$ 26,306    |              |

**Average Quarterly Balances of Outstanding Derivative Financial Instruments**

Futures contracts:



Average notional value of contracts short

\$ 36,357,082

SCHEDULES OF INVESTMENTS

35

Schedule of Investments (continued)

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

July 31, 2018

**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 <sup>(a)</sup>            | \$             | \$ 726,992,795 | \$             | \$ 726,992,795 |
| Short-Term Securities                           | 3,336,234      |                |                | 3,336,234      |
|   | \$ 3,336,234   | \$ 726,992,795 | \$             | \$ 730,329,029 |
| Derivative Financial Instruments <sup>(b)</sup> |                |                |                |                |
| Assets:   |                |                |                |                |
| Interest rate contracts                         | \$ 21,977      | \$             | \$             | \$ 21,977      |
| Liabilities:                                    |                |                |                |                |
| Interest rate contracts                         | (61,903)       |                |                | (61,903)       |
|   | \$ (39,926)    | \$             | \$             | \$ (39,926)    |

<sup>(a)</sup> See above Schedule of Investments for values in each sector.

<sup>(b)</sup> 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           | \$             | \$ (60,002,056)  | \$             | \$ (60,002,056)  |
| VRDP Shares at Liquidation Value |                | (231,900,000)    |                | (231,900,000)    |
|                                  | \$             | \$ (291,902,056) | \$             | \$ (291,902,056) |

During the year ended July 31, 2018, there were no transfers between levels.

*See notes to financial statements*

## Schedule of Investments

## BlackRock MuniYield Pennsylvania Quality Fund (MPA)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>   | <i>Par</i>   | <i>Value</i> |
|---|--------------|--------------|
|   | <i>(000)</i> |              |
| <b>Bonds 117.6%</b>   |              |              |
| <b>Pennsylvania 117.6%</b>  |              |              |
| <b>Corporate 2.8%</b>   |              |              |
| County of Beaver Pennsylvania IDA, Refunding RB, First Energy Nuclear Energy Project, Series B, 3.50%, 12/01/35 <sup>(a)(b)(c)</sup>    | \$ 1,845     | \$ 1,023,975 |
| Pennsylvania Economic Development Financing Authority, RB:<br>American Water Co. Project, 6.20%, 04/01/39                               | 1,510        | 1,552,582    |
| Aqua Pennsylvania, Inc. Project, Series B, 4.50%, 12/01/42  | 2,630        | 2,715,054    |
| Pennsylvania Economic Development Financing Authority, Refunding RB, AMT:<br>Aqua Pennsylvania, Inc. Project, Series A, 5.00%, 12/01/34 | 180          | 190,037      |
| National Gypsum Co., 5.50%, 11/01/44  | 135          | 142,346      |
|   |              | 5,623,994    |
| <b>County/City/Special District/School District 28.4%</b>   |              |              |
| Allentown Neighborhood Improvement Zone Development Authority, Refunding RB, Series A:<br>5.00%, 05/01/35                               | 190          | 197,613      |
| 5.00%, 05/01/42   | 450          | 465,332      |
| Altoona Area School District, GO, (BAM), 5.00%, 12/01/45  | 600          | 664,260      |
| Altoona Area School District, GOL (BAM), 5.00%, 12/01/36  | 125          | 139,680      |
| Bethlehem Area School District, GO, (BAM), Series A:<br>5.00%, 08/01/34   | 1,610        | 1,815,130    |
| 5.00%, 08/01/35   | 1,210        | 1,362,533    |
| Borough of West Chester Pennsylvania, GO, Refunding, 3.50%, 11/15/35  | 1,095        | 1,094,956    |
| Boyertown Area School District, GO:<br>5.00%, 10/01/36  | 610          | 679,815      |
| 5.00%, 10/01/38   | 920          | 1,023,261    |
| City of Philadelphia Pennsylvania, GO, Refunding, Series A (AGM), 5.25%, 12/15/18 <sup>(d)</sup>  | 2,000        | 2,028,900    |
| City of Philadelphia Pennsylvania, GO, Refunding Series A (AGC):<br>5.00%, 08/01/19 <sup>(d)</sup>                                      | 255          | 263,800      |
| 5.00%, 08/01/24   | 2,115        | 2,184,583    |
| City of Pittsburgh Pennsylvania, GO, Series B, 5.00%, 09/01/26  | 1,095        | 1,210,402    |
| County of Bucks Pennsylvania Water & Sewer Authority, RB, Series A (AGM):<br>5.00%, 12/01/37  | 780          | 878,405      |
| 5.00%, 12/01/40   | 1,000        | 1,123,080    |
| County of Dauphin General Authority, Refunding RB, Pinnacle Health System Project,<br>6.00%, 06/01/29                                   | 260          | 268,692      |
| County of Delaware Springfield School District, GO:<br>5.00%, 03/01/40  | 1,025        | 1,175,265    |
| 5.00%, 03/01/43   | 775          | 886,554      |
| County of Lycoming Pennsylvania Water & Sewer Authority, RB, (AGM), 5.00%, 11/15/19 <sup>(d)</sup>                                      | 500          | 521,675      |

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|  |              |              |
|--|--------------|--------------|
| County of Northampton Pennsylvania IDA, Route 33 Project, Tax Allocation Bonds,<br>7.00%, 07/01/32   | 170          | 193,351      |
| County of York Pennsylvania, GO, Refunding, 5.00%, 09/01/20 <sup>(d)</sup>   | 500          | 533,580      |
| Dallastown Area School District, GO, Refunding, 5.00%, 04/15/34  | 1,235        | 1,395,118    |
| Fox Chapel Area School District, GO:<br>5.00%, 02/01/39  | 1,345        | 1,532,466    |
| 5.00%, 02/01/42  | 1,250        | 1,420,225    |
| Marple Newtown School District, GO, (AGM), 5.00%, 06/01/19 <sup>(d)</sup>  | 4,100        | 4,217,916    |
| Philadelphia School District, GO, Series E <sup>(d)</sup> :<br>2015, 6.00%, 09/01/18   | 5            | 5,019        |
| 2015-2, 6.00%, 09/01/18  | 5            | 5,019        |
|  | <i>Par</i>   |              |
| <i>Security</i>  | <i>(000)</i> | <i>Value</i> |
| <b>County/City/Special District/School District (continued)</b>  |              |              |
| Shaler Area School District Pennsylvania, GO, CAB (Syncora), 0.00%, 09/01/30 <sup>(e)</sup>  | \$ 6,145     | \$ 4,026,573 |
| Springfield School District/Delaware County, GO:<br>5.00%, 03/01/35  | 825          | 955,531      |
| 5.00%, 03/01/36  | 870          | 1,004,528    |
| 5.00%, 03/01/37  | 890          | 1,023,642    |
| State Public School Building Authority, RB (AGM):<br>Community College, Allegheny County Project, 5.00%, 07/15/34                                | 2,190        | 2,361,740    |
| Corry Area School District, CAB, 0.00%, 12/15/22 <sup>(e)</sup>  | 1,640        | 1,457,386    |
| Corry Area School District, CAB, 0.00%, 12/15/23 <sup>(e)</sup>  | 1,980        | 1,702,681    |
| Corry Area School District, CAB, 0.00%, 12/15/24 <sup>(e)</sup>  | 1,980        | 1,639,994    |
| Corry Area School District, CAB, 0.00%, 12/15/25 <sup>(e)</sup>  | 1,770        | 1,413,026    |
| State Public School Building Authority, Refunding RB, Harrisburg School District Project,<br>Series A (AGC) <sup>(d)</sup> :<br>5.00%, 05/15/19  | 215          | 220,803      |
| 5.00%, 05/15/19  | 215          | 220,803      |
| 5.00%, 05/15/19  | 855          | 878,076      |
| Township of Bristol Pennsylvania School District, GO:<br>5.00%, 06/01/40   | 775          | 842,735      |
| 5.25%, 06/01/43  | 6,925        | 7,630,380    |
| (BAM), 5.00%, 06/01/42   | 1,685        | 1,863,357    |
| Township of Falls Pennsylvania, Refunding RB, Water & Sewer Authority, 5.00%, 12/01/37   | 1,270        | 1,382,281    |
| Township of Lower Paxton Pennsylvania, GO:<br>5.00%, 04/01/42  | 435          | 482,619      |
| 5.00%, 04/01/46  | 1,435        | 1,588,932    |
|  |              | 57,981,717   |
| <b>Education 21.7%</b>   |              |              |
| County of Adams Pennsylvania IDA, Refunding RB, Gettysburg College, 5.00%, 08/15/26  | 100          | 105,873      |
| County of Cumberland Pennsylvania Municipal Authority, RB, AICUP Financing Program,<br>Dickinson College Project, 5.00%, 11/01/19 <sup>(d)</sup> | 200          | 208,282      |
| County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran:<br>6.38%, 01/01/19 <sup>(d)</sup>                          | 900          | 918,279      |
| 6.38%, 01/01/39  | 100          | 101,465      |
| County of Delaware Pennsylvania Authority, RB, Villanova University:<br>5.00%, 08/01/40  | 1,205        | 1,356,095    |
| 5.00%, 08/01/45  | 3,610        | 4,048,146    |

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|   |       |           |
|---|-------|-----------|
| County of Delaware Pennsylvania Authority, Refunding RB:  |       |           |
| Cabrini University, 5.00%, 07/01/47   | 2,480 | 2,631,850 |
| Villanova University, 5.25%, 12/01/19 <sup>(d)</sup>  | 100   | 104,703   |
| County of Montgomery Higher Education & Health Authority, Refunding RB, Thomas Jefferson University, Series A:        |       |           |
| 5.00%, 09/01/48   | 1,500 | 1,665,450 |
| 5.00%, 09/01/37   | 840   | 943,950   |
| County of Northampton Pennsylvania General Purpose Authority, Refunding RB:   |       |           |
| Moravian College, 5.00%, 10/01/36   | 610   | 663,613   |
| St. Luke s University Health Network Project, 5.00%, 08/15/46   | 1,000 | 1,096,930 |
| St. Lukes University Health Network, 5.00%, 08/15/48  | 1,125 | 1,247,659 |
| County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%, 08/15/36                         | 2,000 | 2,267,100 |
| Pennsylvania Higher Educational Facilities Authority, RB, Thomas Jefferson University, 5.00%, 03/01/20 <sup>(d)</sup> | 1,000 | 1,050,590 |
| Pennsylvania Higher Educational Facilities Authority, RB, Series AT-1, 4.00%, 06/15/34                                | 2,000 | 2,061,260 |

SCHEDULES OF INVESTMENTS

37

Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

July 31, 2018

(Percentages shown are based on Net Assets)

|   | <i>Par</i>   |              |
|---|--------------|--------------|
|   | <i>(000)</i> | <i>Value</i> |
| <i>Security</i>   |              |              |
| <b>Education (continued)</b>  |              |              |
| Pennsylvania Higher Educational Facilities Authority, Refunding RB:   |              |              |
| Drexel University, Series A, 5.25%, 05/01/21 <sup>(d)</sup>   | \$ 3,700     | \$ 4,039,512 |
| Drexel University, Series A, 5.25%, 05/01/41  | 230          | 246,049      |
| La Salle University, 5.00%, 05/01/37  | 1,325        | 1,385,155    |
| La Salle University, 5.00%, 05/01/42  | 1,855        | 1,923,023    |
| State System of Higher Education, Series AL, 5.00%, 06/15/35  | 280          | 294,750      |
| Thomas Jefferson University, 5.00%, 09/01/45  | 2,000        | 2,204,560    |
| University Properties, Inc. Student Housing Project, Series A, 5.00%, 07/01/35  | 300          | 320,589      |
| Widener University, Series A, 5.25%, 07/15/33   | 1,580        | 1,698,010    |
| Widener University, Series A, 5.50%, 07/15/38   | 385          | 413,748      |
| Philadelphia Authority for Industrial Development, RB, University of Sciences,<br>5.00%, 11/01/42   | 2,710        | 3,009,564    |
| Philadelphia Authority for Industrial Development, Refunding RB:  |              |              |
| 1st Series, 5.00%, 04/01/45   | 2,170        | 2,408,158    |
| La Salle University, 4.00%, 05/01/42  | 2,985        | 2,848,138    |
| Swarthmore Borough Authority, Refunding RB, Swarthmore College Project,<br>5.00%, 09/15/38  | 830          | 935,061      |
| Township of East Hempfield Pennsylvania IDA, RB, Student Services, Inc., Student<br>Housing Project at Millersville University of Pennsylvania:           |              |              |
| 5.00%, 07/01/35   | 485          | 512,184      |
| 5.00%, 07/01/35   | 435          | 463,466      |
| 5.00%, 07/01/45   | 300          | 314,616      |
| 5.00%, 07/01/47   | 820          | 864,518      |
|   |              | 44,352,346   |
| <b>Health 17.5%</b>   |              |              |
| City of Pottsville Pennsylvania Hospital Authority, Refunding RB, Lehigh Valley Health,<br>Series B, 5.00%, 07/01/41                                      | 3,000        | 3,309,330    |
| County of Allegheny Pennsylvania Hospital Development Authority, RB, University of<br>Pittsburgh Medical Center Health, Series B (NPFGC), 6.00%, 07/01/26 | 2,000        | 2,469,000    |
| County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital &<br>Medical Center Project:   |              |              |
| Series A, 5.00%, 11/01/40   | 765          | 817,410      |
| Series A3, 5.50%, 11/01/19 <sup>(d)</sup>   | 250          | 261,255      |
| Series A3, 5.50%, 11/01/31  | 250          | 261,350      |
| County of Bucks Pennsylvania IDA, Refunding RB, Pennswood Village Project. Series A,<br>5.00%, 10/01/37   | 470          | 515,999      |
| County of Centre Pennsylvania Hospital Authority, RB, Mount Nittany Medical Center<br>Project, 7.00%, 11/15/21 <sup>(d)</sup>                             | 2,410        | 2,802,999    |
| County of Chester Health & Education Facilities Authority, Refunding RB, Main Line<br>Health System, Series A, 5.00%, 10/01/52                            | 2,290        | 2,542,037    |

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|   |              |              |
|---|--------------|--------------|
| County of Cumberland Pennsylvania Municipal Authority, Refunding RB:  |              |              |
| Asbury Pennsylvania Obligated Group, 5.25%, 01/01/41  | 210          | 215,794      |
| Diakon Lutheran Social Ministries, 5.00%, 01/01/38  | 2,600        | 2,809,820    |
| County of Dauphin General Authority, Refunding RB, Pinnacle Health System Project, 6.00%, 06/01/19 <sup>(d)</sup>   | 240          | 248,875      |
| County of Franklin Pennsylvania IDA, Refunding RB, Chambersburg Hospital Project, 5.38%, 07/01/42   | 415          | 439,070      |
| County of Lancaster Pennsylvania Hospital Authority, Refunding RB, Masonic Villages of The Grand Lodge of Pennsylvania Project: 5.00%, 11/01/28                           | 575          | 642,511      |
| 5.00%, 11/01/35   | 425          | 465,401      |
| County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB, Abington Memorial Hospital Obligated Group, Series A, 5.13%, 06/01/19 <sup>(d)</sup> | 490          | 504,185      |
| County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Communities, Series A-1, 6.25%, 11/15/19 <sup>(d)</sup>   | 235          | 249,067      |
|   | <i>Par</i>   |              |
| <i>Security</i>   | <i>(000)</i> | <i>Value</i> |
| <b>Health (continued)</b>   |              |              |
| County of Montgomery Pennsylvania IDA, Refunding RB:  |              |              |
| Acts Retirement-Life Communities, 5.00%, 11/15/27   | \$ 865       | \$ 929,330   |
| Acts Retirement-Life Communities, 5.00%, 11/15/28   | 555          | 594,832      |
| Whitemarsh Continuing Care Retirement Community, 5.25%, 01/01/40  | 220          | 221,417      |
| County of Union Pennsylvania Hospital Authority, Refunding RB, Evangelical Community Hospital Project, 7.00%, 08/01/21 <sup>(d)</sup>                                     | 460          | 528,908      |
| County of Wayne Hospital & Health Facilities Authority, RB, Wayne Memorial Hospital Project, Series A, 4.00%, 07/01/46  | 1,595        | 1,602,098    |
| DuBois Hospital Authority, Refunding RB, Penn Highlands Healthcare, 4.00%, 07/15/48   | 2,060        | 2,052,831    |
| Geisinger Authority Pennsylvania, Refunding RB, Health System, Series A-2, 5.00%, 02/15/39  | 4,050        | 4,532,922    |
| Lancaster IDA, Refunding RB, Garden Spot Village Project:   |              |              |
| 5.38%, 05/01/28   | 520          | 569,421      |
| 5.75%, 05/01/35   | 865          | 952,175      |
| Pennsylvania Higher Educational Facilities Authority, Refunding RB, University of Pittsburgh Medical Center, Series E, 5.00%, 05/15/31                                    | 1,000        | 1,052,890    |
| Philadelphia Hospitals & Higher Education Facilities Authority, RB, The Children's Hospital of Philadelphia Project, Series C, 5.00%, 07/01/41                            | 940          | 1,007,821    |
| Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian Medical Center, 6.65%, 12/01/19 <sup>(f)</sup>                                 | 900          | 941,103      |
| South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial Hospital, Series B (AGC), 5.38%, 07/01/20 <sup>(d)</sup>  | 2,055        | 2,190,959    |
|   |              | 35,730,810   |
| <b>Housing 7.9%</b>   |              |              |
| City of Philadelphia Pennsylvania, GO, Refunding, Series A, 5.00%, 08/01/37   | 1,360        | 1,512,959    |
| Pennsylvania HFA, RB:   |              |              |
| Brinton Manor Apartments & Brinton Towers, M/F Housing, Series A, 4.25%, 10/01/35   | 400          | 395,656      |
| Brinton Manor Apartments & Brinton Towers, M/F Housing, Series A, 4.50%, 10/01/40   | 400          | 401,192      |
| S/F Housing Mortgage, Series 114-C, 3.65%, 10/01/37   | 1,705        | 1,697,941    |
| S/F Housing Mortgage, Series 118-B, 4.05%, 10/01/40   | 1,000        | 1,018,090    |
| S/F Housing Mortgage, Series 2015-117-B, 4.05%, 10/01/40  | 1,600        | 1,632,320    |



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|   |       |            |
|---|-------|------------|
| Pennsylvania HFA, Refunding RB, S/F Housing Mortgage:   |       |            |
| Series 115-A, AMT, 4.20%, 10/01/33  | 445   | 458,697    |
| Series 119, 3.50%, 10/01/36   | 1,515 | 1,496,866  |
| Philadelphia Housing Authority, RB, Capital Fund Program, M/F Housing, Series A (AGM),<br>5.50%, 12/01/18 | 3,000 | 3,009,930  |
| Philadelphia IDA, RB, Series A:   |       |            |
| 3.50%, 12/01/36   | 790   | 752,846    |
| 4.00%, 12/01/46   | 2,970 | 2,971,960  |
| 4.00%, 12/01/51   | 790   | 784,202    |
|   |       | 16,132,659 |
| <b>State 7.4%</b>   |       |            |
| Commonwealth Financing Authority, RB, Tobacco Master Settlement Payment,<br>5.00%, 06/01/35               | 1,295 | 1,443,925  |
| Commonwealth of Pennsylvania, GO, 1st Series <sup>(d)</sup> :   |       |            |
| 5.00%, 06/01/22   | 2,460 | 2,740,391  |
| 5.00%, 04/01/23   | 1,000 | 1,134,360  |
| Commonwealth of Pennsylvania, GO, Refunding, , 1st Series, 4.00%, 01/01/30                                | 2,000 | 2,094,580  |
| Pennsylvania Economic Development Financing Authority, RB, AMT, 5.00%, 06/30/42                           | 7,000 | 7,603,960  |
|   |       | 15,017,216 |

## Schedule of Investments (continued)

## BlackRock MuniYield Pennsylvania Quality Fund (MPA)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Par</i>   | <i>Value</i> |
|--|--------------|--------------|
|  | <i>(000)</i> |              |
| <b>Transportation 19.9%</b>  |              |              |
| City of Philadelphia Pennsylvania, ARB, Series A, 5.00%, 06/15/40  | \$ 3,825     | \$ 4,006,343 |
| City of Philadelphia Pennsylvania Airport Revenue, Refunding ARB, AMT, Series B:<br>5.00%, 07/01/37                    | 1,100        | 1,227,160    |
| 5.00%, 07/01/47  | 2,105        | 2,331,330    |
| Delaware River Joint Toll Bridge Commission, RB, Bridge System, 5.00%, 07/01/42  | 1,500        | 1,712,910    |
| Delaware River Port Authority, RB:<br>5.00%, 01/01/29  | 475          | 531,197      |
| 5.00%, 01/01/37  | 2,285        | 2,520,149    |
| Series D, 5.00%, 01/01/40  | 750          | 780,667      |
| Series D (AGM), 5.00%, 01/01/40  | 1,560        | 1,627,127    |
| Pennsylvania Economic Development Financing Authority, Refunding RB, Amtrak<br>Project, Series A, AMT, 5.00%, 11/01/41 | 6,025        | 6,417,649    |
| Pennsylvania Turnpike Commission, RB:<br>CAB, Sub-Series A-3, 0.00%, 12/01/42 <sup>(e)</sup>                           | 4,760        | 1,662,716    |
| CAB, Sub-Series A-3 (AGM), 0.00%, 12/01/40 <sup>(e)</sup>  | 1,275        | 502,873      |
| Series A, 5.25%, 12/01/44  | 500          | 583,785      |
| Sub-Series B, 5.25%, 12/01/48  | 1,930        | 2,204,407    |
| Sub-Series B-1, 5.00%, 06/01/42  | 2,345        | 2,567,189    |
| Pennsylvania Turnpike Commission, Refunding RB:<br>Sub-Series A-1, 5.25%, 12/01/45                                     | 3,270        | 3,659,457    |
| Sub-Series B (AGM), 5.25%, 06/01/19 <sup>(d)</sup>   | 1,695        | 1,747,240    |
| Sub-Series B (AGM), 5.25%, 06/01/19 <sup>(d)</sup>   | 1,805        | 1,860,630    |
| Southeastern Pennsylvania Transportation Authority, RB, Capital Grant Receipts <sup>(d)</sup> :<br>5.00%, 06/01/21     | 1,860        | 2,021,876    |
| 5.00%, 06/01/21  | 2,465        | 2,679,529    |
|  |              | 40,644,234   |
| <b>Utilities 12.0%</b>   |              |              |
| City of Philadelphia Pennsylvania Gas Works, RB, 9th Series:<br>5.25%, 08/01/20 <sup>(d)</sup>                         | 660          | 705,144      |
| 5.25%, 08/01/40  | 1,040        | 1,105,010    |
| City of Philadelphia Pennsylvania Gas Works, Refunding RB:<br>5.00%, 08/01/30  | 800          | 902,464      |
| 5.00%, 08/01/31  | 600          | 674,430      |
| 5.00%, 08/01/32  | 800          | 896,560      |
| 5.00%, 08/01/33  | 400          | 446,944      |
| 5.00%, 08/01/34  | 700          | 780,290      |
| City of Philadelphia Pennsylvania Water & Wastewater, RB:<br>Series A, 5.25%, 01/01/19 <sup>(d)</sup>                  | 800          | 812,888      |
| Series A, 5.25%, 10/01/52  | 810          | 927,790      |
| Series C (AGM), 5.00%, 08/01/40  | 3,350        | 3,529,593    |

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|   |       |            |
|---|-------|------------|
| Commonwealth Financing Authority, RB, Tobacco Master Settlement Payment:  |       |            |
| 5.00%, 06/01/33   | 3,575 | 4,014,475  |
| 5.00%, 06/01/34   | 4,175 | 4,673,495  |
| (AGM), 4.00%, 06/01/39  | 1,250 | 1,276,475  |
| County of Allegheny Pennsylvania Sanitary Authority, RB, Sewer Improvement (BAM),<br>5.25%, 12/01/41                                | 1,410 | 1,576,197  |
| County of Delaware Pennsylvania Regional Water Quality Control Authority, RB, Sewer<br>Improvements, 5.00%, 05/01/23 <sup>(d)</sup> | 420   | 476,167    |
| Pennsylvania Economic Development Financing Authority, RB, Philadelphia Biosolids<br>Facility, 6.25%, 01/01/32                      | 1,605 | 1,677,081  |
|   |       | 24,475,003 |

**Total Municipal Bonds 117.6%**  
**(Cost \$231,603,589)** 239,957,979

*Par*

*Security* (000) *Value*

**Municipal Bonds Transferred to Tender Option Bond Trusts<sup>(g)</sup>**

**Pennsylvania 49.9%**

**Education 15.6%**

|  |          |              |
|--|----------|--------------|
| County of Northampton General Purpose Authority, Refunding RB, Lafayette College,<br>5.00%, 11/01/47   | \$ 3,900 | \$ 4,407,887 |
| Pennsylvania Higher Educational Facilities Authority, RB:<br>State System of Higher Education, Series AR, 4.00%, 06/15/38                            | 11,335   | 11,547,042   |
| University of Pennsylvania Health System, Series A, 5.75%, 08/15/21 <sup>(d)</sup>   | 5,120    | 5,709,722    |
| University of Pennsylvania Health System, Series A, 4.00%, 08/15/39  | 7,815    | 8,026,009    |
| University of Pittsburgh Pennsylvania, RB, The Commonwealth System of Higher<br>Education, Capital Project, Series B, 5.00%, 03/15/19 <sup>(d)</sup> | 2,202    | 2,249,853    |
|  |          | 31,940,513   |

**Health 13.4%**

Geisinger Authority Pennsylvania, RB, Health System:

|   |       |            |
|---|-------|------------|
| Series A, 5.13%, 06/01/19 <sup>(d)</sup>  | 3,000 | 3,086,595  |
| Series A, 5.25%, 06/01/19 <sup>(d)</sup>  | 3,128 | 3,220,776  |
| Series A-1, 5.13%, 06/01/41   | 7,430 | 7,907,033  |
| Pennsylvania Economic Development Financing Authority, RB, University of Pittsburgh<br>Medical Center, Series B, 4.00%, 03/15/40                  | 8,000 | 8,116,480  |
| Philadelphia Hospitals & Higher Education Facilities Authority, RB, The Children's<br>Hospital of Philadelphia Project, Series C, 5.00%, 07/01/41 | 4,680 | 5,013,731  |
|   |       | 27,344,615 |

**Housing 2.3%**

Pennsylvania HFA, Refunding RB, S/F Mortgage, AMT:

|                              |       |           |
|------------------------------|-------|-----------|
| Series 114A, 3.70%, 10/01/42 | 2,675 | 2,706,822 |
| Series 115A, 4.20%, 10/01/33 | 1,860 | 1,916,479 |
|                              |       | 4,623,301 |

**State 14.7%**

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|  |        |             |
|--|--------|-------------|
| Commonwealth of Pennsylvania, GO, 1st Series:  |        |             |
| 4.00%, 03/01/38 <sup>(h)</sup>   | 6,000  | 6,122,040   |
| 5.00%, 03/15/19 <sup>(d)</sup>   | 6,028  | 6,159,641   |
| General Authority of Southcentral Pennsylvania, Refunding RB, Wellspan Health Obligated Group, Series A, 5.00%, 06/01/44 |        |             |
|  | 7,000  | 7,608,650   |
| Pennsylvania Turnpike Commission, RB, Oil Franchise Tax, Remarketing, Series C (NPFGC), 5.00%, 12/01/18 <sup>(d)</sup>   |        |             |
|  | 10,000 | 10,118,350  |
|  |        | 30,008,681  |
| <b>Transportation 2.0%</b>   |        |             |
| Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42  |        |             |
|  | 1,680  | 1,918,706   |
| Pennsylvania Turnpike Commission, Refunding RB, Sub Series B-2 (AGM), 5.00%, 06/01/35                                    |        |             |
|  | 1,850  | 2,086,041   |
|  |        | 4,004,747   |
| <b>Utilities 1.9%</b>  |        |             |
| County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%, 08/15/42                            |        |             |
|  | 3,493  | 3,874,704   |
| <b>Total Municipal Bonds Transferred to Tender Option Bond</b>   |        |             |
| <b>Trusts 49.9%</b>  |        |             |
| <b>(Cost \$99,109,984)</b>   |        | 101,796,561 |
| <b>Total Long-Term Investments 167.5%</b>  |        |             |
| <b>(Cost \$330,713,573)</b>  |        | 341,754,540 |

Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

July 31, 2018

(Percentages shown are based on Net Assets)

| <i>Security</i>  | <i>Shares</i> | <i>Value</i>   |
|--|---------------|----------------|
| <b>Short-Term Securities 0.3%</b>  |               |                |
| BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.85% <sup>(i)(j)</sup>                | 562,228       | \$ 562,341     |
| <b>Total Short-Term Securities 0.3%</b>  |               |                |
| (Cost \$562,287)   |               | 562,341        |
| <b>Total Investments 167.8%</b>  |               |                |
| (Cost \$331,275,860)   |               | 342,316,881    |
| <b>Other Assets Less Liabilities 1.2%</b>  |               | 2,361,343      |
| <b>Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (28.6)%</b> |               | (58,379,957)   |
| <b>VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (40.4)%</b>                  |               | (82,341,880)   |
| <b>Net Assets Applicable to Common Shares 100.0%</b>   |               | \$ 203,956,387 |

(a) Variable or floating rate security, which interest rate adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. Rate shown is the rate in effect as of period end.

(b) Issuer filed for bankruptcy and/or is in default.

(c) Non-income producing security.

(d) 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.

(e) Zero-coupon bond.

(f) Security is collateralized by municipal bonds or U.S. Treasury obligations.

(g) 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.

(h) 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 March 1, 2026, is \$3,123,333. See Note 4 of the Notes to Financial Statements for details.

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

(j) During the year ended July 31, 2018, 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</i>   |                 | <i>Shares</i>   |                 | <i>Value at</i> | <i>Income</i> | <i>Gain (Loss)</i> | <i>Change in</i> |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|--------------------|------------------|
|  | <i>Held at</i>  | <i>Net</i>      | <i>Held at</i>  | <i>Value at</i> |                 |               |                    |                  |
|  | <i>07/31/17</i> | <i>Activity</i> | <i>07/31/18</i> | <i>07/31/18</i> |                 |               |                    |                  |
| BlackRock Liquidity Funds, MuniCash, Institutional | 489,482         | 72,746          | 562,228         | \$ 562,341      | \$ 5,545        | \$ (40)       | \$ 54              |                  |

Class

(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<br/>Contracts</i> | <i>Expiration<br/>Date</i> | <i>Notional<br/>Amount (000)</i> | <i>Value/<br/>Unrealized<br/>Appreciation<br/>(Depreciation)</i> |
|----------------------------|--------------------------------|----------------------------|----------------------------------|--|
| Short Contracts:           |                                |                            |                                  |  |
| 10-Year U.S. Treasury Note | 32                             | 09/19/18                   | \$ 3,822                         | \$ 25,148  |
| Long U.S. Treasury Bond    | 60                             | 09/19/18                   | 8,578                            | 42,885   |
| 5-Year U.S. Treasury Note  | 13                             | 09/28/18                   | 1,471                            | 5,163  |
|                            |                                |                            |                                  | \$ 73,196  |

### 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<br/>Contracts</i> | <i>Credit<br/>Contracts</i> | <i>Equity<br/>Contracts</i> | <i>Foreign<br/>Currency<br/>Exchange<br/>Contracts</i> | <i>Interest<br/>Rate<br/>Contracts</i> | <i>Other<br/>Contracts</i> | <i>Total</i> |
|---|--------------------------------|-----------------------------|-----------------------------|--|--|----------------------------|--------------|
| <b>Assets</b>                               |                                |                             |                             |  |  |                            |              |
| <b>Derivative Financial<br/>Instruments</b> |                                |                             |                             |  |  |                            |              |
| Futures contracts                           |                                |                             |                             |  |  |                            |              |
| Net unrealized appreciation <sup>(a)</sup>  | \$                             | \$                          | \$                          | \$   | \$ 73,196                              | \$                         | \$ 73,196    |

(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.



Schedule of Investments (continued)

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

July 31, 2018

For the year ended July 31, 2018, the effect of derivative financial instruments in the Statements of Operations was as follows:

|   | <i>Commodity<br/>Contracts</i> | <i>Credit<br/>Contracts</i> | <i>Equity<br/>Contracts</i> | <i>Foreign<br/>Currency<br/>Exchange<br/>Contracts</i> | <i>Interest<br/>Rate<br/>Contracts</i> | <i>Other<br/>Contracts</i> | <i>Total</i> |
|---|--------------------------------|-----------------------------|-----------------------------|--|--|----------------------------|--------------|
| <b>Net Realized Gain (Loss)<br/>from:</b>                               |                                |                             |                             |  |  |                            |              |
| Futures contracts   | \$                             | \$                          | \$                          | \$   | \$ 1,385,630                           | \$                         | \$ 1,385,630 |
| <b>Net Change in Unrealized<br/>Appreciation (Depreciation)<br/>on:</b> |                                |                             |                             |  |  |                            |              |
| Futures contracts   | \$                             | \$                          | \$                          | \$   | \$ 96,630                              | \$                         | \$ 96,630    |

#### Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short \$ 17,748,973

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 <sup>(a)</sup> | \$             | \$ 341,754,540 | \$             | \$ 341,754,540 |
| Short-Term Securities                | 562,341        |                |                | 562,341        |
|                                      | \$ 562,341     | \$ 341,754,540 | \$             | \$ 342,316,881 |



Derivative Financial Instruments<sup>(b)</sup>

Assets:

|                         |           |    |    |           |
|-------------------------|-----------|----|----|-----------|
| Interest rate contracts | \$ 73,196 | \$ | \$ | \$ 73,196 |
|-------------------------|-----------|----|----|-----------|

(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 for financial statement purposes. As of year 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           | \$             | \$ (58,176,315)  | \$             | \$ (58,176,315)  |
| VRDP Shares at Liquidation Value |                | (82,600,000)     |                | (82,600,000)     |
|                                  | \$             | \$ (140,776,315) | \$             | \$ (140,776,315) |

During the year ended July 31, 2018, there were no transfers between levels.

*See notes to financial statements.*

## Statements of Assets and Liabilities

July 31, 2018

|  | MUC              | MUJ            | MFT            | MIY            | MPA            |
|--|------------------|----------------|----------------|----------------|----------------|
| <b>ASSETS</b>  |                  |                |                |                |                |
| Investments at value unaffiliated <sup>(a)</sup>   | \$ 1,073,763,719 | \$ 755,942,490 | \$ 201,236,904 | \$ 726,992,795 | \$ 341,754,540 |
| Investments at value affiliated <sup>(b)</sup>   |                  | 1,217,929      | 477,546        | 3,336,234      | 562,341        |
| Cash pledged for futures contracts   | 609,502          | 221,000        | 47,550         | 335,950        | 117,800        |
| Receivables:   |                  |                |                |                |                |
| Interest unaffiliated  | 15,557,468       | 5,379,621      | 2,220,331      | 8,374,002      | 3,403,058      |
| Investments sold   | 1,464,542        |                | 1,315,736      |                |                |
| Dividends affiliated   | 11,287           | 1,522          | 260            | 3,872          | 745            |
| Prepaid expenses   | 24,310           | 20,818         | 16,200         | 20,569         | 17,113         |
| Total assets   | 1,091,430,828    | 762,783,380    | 205,314,527    | 739,063,422    | 345,855,597    |
| <b>ACCRUED LIABILITIES</b>   |                  |                |                |                |                |
| Bank overdraft   | 9,451,577        | 358,053        | 95,379         | 335,798        | 118,793        |
| Payables:  |                  |                |                |                |                |
| Investments purchased  | 21,732,151       |                | 1,348,576      |                |                |
| Income dividend distributions  |                  |                |                |                |                |
| Common Shares  | 1,947,618        | 1,583,078      | 500,145        | 1,538,070      | 741,056        |
| Interest expense and fees  | 883,605          | 158,701        | 96,170         | 194,253        | 203,642        |
| Investment advisory fees   | 443,453          | 322,964        | 86,312         | 307,064        | 143,730        |
| Directors and Officer's fees   | 345,156          | 4,123          | 1,091          | 4,045          | 10,150         |
| Variation margin on futures contracts  | 71,909           | 20,912         | 4,471          | 34,802         | 13,113         |
| Other accrued expenses   | 262,876          | 233,367        | 100,819        | 224,975        | 150,531        |
| Total accrued liabilities  | 35,138,345       | 2,681,198      | 2,232,963      | 2,639,007      | 1,381,015      |
| <b>OTHER LIABILITIES</b>   |                  |                |                |                |                |
| TOB Trust Certificates   | 185,905,192      | 62,747,370     | 28,786,188     | 60,002,056     | 58,176,315     |
| VRDP Shares, at liquidation value of \$100,000 per share, net of deferred offering costs <sup>(c)(d)</sup> |                  | 236,627,862    |                | 231,475,718    | 82,341,880     |
| VMTP Shares, at liquidation value of \$100,000 per share <sup>(c)(d)</sup>                                 | 254,000,000      |                | 56,500,000     |                |                |
| Total other liabilities  | 439,905,192      | 299,375,232    | 85,286,188     | 291,477,774    | 140,518,195    |

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|                   |             |             |            |             |             |
|-------------------|-------------|-------------|------------|-------------|-------------|
| Total liabilities | 475,043,537 | 302,056,430 | 87,519,151 | 294,116,781 | 141,899,210 |
|-------------------|-------------|-------------|------------|-------------|-------------|

**NET ASSETS APPLICABLE  
TO COMMON  
SHAREHOLDERS**

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| \$ 616,387,291 | \$ 460,726,950 | \$ 117,795,376 | \$ 444,946,641 | \$ 203,956,387 |
|----------------|----------------|----------------|----------------|----------------|

**NET ASSETS APPLICABLE  
TO COMMON  
SHAREHOLDERS CONSIST  
OF**

|   |                |                |                |                |                |
|---|----------------|----------------|----------------|----------------|----------------|
| Paid-in capital <sup>(e)(f)</sup>             | \$ 581,297,061 | \$ 424,089,469 | \$ 113,433,638 | \$ 419,036,337 | \$ 194,703,136 |
| Undistributed net investment<br>income        | 2,019,353      | 2,514,002      | 828,755        | 673,979        | 646,458        |
| Accumulated net realized loss                 | (1,523,391)    | (3,354,518)    | (6,114,835)    | (2,826,073)    | (2,507,424)    |
| Net unrealized appreciation<br>(depreciation) | 34,594,268     | 37,477,997     | 9,647,818      | 28,062,398     | 11,114,217     |

**NET ASSETS APPLICABLE  
TO COMMON  
SHAREHOLDERS**

|                |                |                |                |                |
|----------------|----------------|----------------|----------------|----------------|
| \$ 616,387,291 | \$ 460,726,950 | \$ 117,795,376 | \$ 444,946,641 | \$ 203,956,387 |
|----------------|----------------|----------------|----------------|----------------|

Net asset value per Common  
Share

|          |          |          |          |          |
|----------|----------|----------|----------|----------|
| \$ 15.03 | \$ 15.28 | \$ 13.90 | \$ 15.04 | \$ 15.27 |
|----------|----------|----------|----------|----------|

|  |                  |                |                |                |                |
|--|------------------|----------------|----------------|----------------|----------------|
| (a) Investments at cost<br>unaffiliated                      | \$ 1,039,550,132 | \$ 718,619,319 | \$ 191,608,154 | \$ 698,890,896 | \$ 330,713,573 |
| (b) Investments at cost affiliated                           | \$               | \$ 1,217,929   | \$ 477,546     | \$ 3,335,809   | \$ 562,287     |
| (c) Preferred Shares outstanding:                            |                  |                |                |                |                |
| Par value \$0.05 per share                                   |                  |                | 565            |                | 826            |
| Par value \$0.10 per share                                   | 2,540            | 2,371          |                | 2,319          |                |
| (d) Preferred Shares authorized                              | 18,140           | 9,847          | 1,000,000      | 8,046          | 1,000,000      |
| (e) Common Shares outstanding,<br>par value \$0.10 per share | 41,002,483       | 30,153,865     | 8,477,033      | 29,578,269     | 13,352,365     |
| (f) Common Shares authorized                                 | 199,981,860      | 199,990,153    | unlimited      | 199,991,954    | unlimited      |

*See notes to financial statements.*

## Statements of Operations

Year Ended July 31, 2018

|  | MUC           | MUJ           | MFT          | MIY           | MPA           |
|--|---------------|---------------|--------------|---------------|---------------|
| <b>INVESTMENT INCOME</b>   |               |               |              |               |               |
| Interest unaffiliated  | \$ 40,650,339 | \$ 31,745,668 | \$ 9,283,410 | \$ 29,990,922 | \$ 14,104,640 |
| Dividends affiliated   | 38,515        | 36,018        | 7,076        | 35,032        | 5,545         |
| Total investment income  | 40,688,854    | 31,781,686    | 9,290,486    | 30,025,954    | 14,110,185    |
| <b>EXPENSES</b>  |               |               |              |               |               |
| Investment advisory  | 5,852,180     | 3,845,227     | 1,031,103    | 3,621,131     | 1,693,696     |
| Accounting services  | 129,962       | 101,787       | 36,610       | 98,965        | 54,574        |
| Professional   | 115,809       | 105,220       | 54,013       | 89,066        | 71,536        |
| Directors and Officer  | 70,283        | 42,454        | 10,952       | 41,121        | 19,096        |
| Rating agency  | 41,896        | 41,866        | 41,555       | 41,858        | 41,603        |
| Custodian  | 40,920        | 33,017        | 10,964       | 32,142        | 15,430        |
| Transfer agent   | 39,184        | 34,422        | 19,230       | 36,186        | 27,808        |
| Registration   | 15,834        | 11,643        | 9,425        | 11,421        | 9,419         |
| Printing   | 14,214        | 12,894        | 9,145        | 12,636        | 10,723        |
| Liquidity fees   |               | 24,286        |              |               |               |
| Remarketing fees on Preferred Shares   |               | 23,710        |              |               |               |
| Miscellaneous  | 49,503        | 43,797        | 15,591       | 58,033        | 33,750        |
| Total expenses excluding interest expense, fees and amortization of offering costs | 6,369,785     | 4,320,323     | 1,238,588    | 4,042,559     | 1,977,635     |
| Interest expense, fees and amortization of offering cost <sup>(a)</sup>            | 8,527,627     | 6,075,573     | 1,742,463    | 5,725,433     | 2,695,495     |
| Total expenses   | 14,897,412    | 10,395,896    | 2,981,051    | 9,767,992     | 4,673,130     |
| Less fees waived and/or reimbursed by the Manager                                  | (553,952)     | (3,853)       | (565)        | (3,509)       | (448)         |
| Total expenses after fees waived and/or reimbursed                                 | 14,343,460    | 10,392,043    | 2,980,486    | 9,764,483     | 4,672,682     |
| Net investment income  | 26,345,394    | 21,389,643    | 6,310,000    | 20,261,471    | 9,437,503     |
| <b>REALIZED AND UNREALIZED GAIN (LOSS)</b>   |               |               |              |               |               |
| Net realized gain (loss) from:   |               |               |              |               |               |
| Investments unaffiliated   | (924,963)     | 176,299       | 275,856      | 300,909       | (380,963)     |

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|  |              |               |             |              |              |
|--|--------------|---------------|-------------|--------------|--------------|
| Investments affiliated   | 2,437        | 521           | (847)       | (24)         | (387)        |
| Futures contracts  | 3,131,031    | 2,837,857     | 473,436     | 2,050,553    | 1,385,630    |
| Capital gain distributions from investment companies affiliated                        | 70           | 771           | 672         | 1,870        | 347          |
|  | 2,208,575    | 3,015,448     | 749,117     | 2,353,308    | 1,004,627    |
| Net change in unrealized appreciation (depreciation) on:                               |              |               |             |              |              |
| Investments unaffiliated   | (22,080,270) | (10,977,765)  | (6,277,916) | (14,553,714) | (7,210,235)  |
| Investments affiliated   |              | (1,296)       | (62)        | (550)        | 54           |
| Futures contracts  | 437,957      | 187,736       | 29,882      | 26,306       | 96,630       |
|  | (21,642,313) | (10,791,325)  | (6,248,096) | (14,527,958) | (7,113,551)  |
| Net realized and unrealized loss   | (19,433,738) | (7,775,877)   | (5,498,979) | (12,174,650) | (6,108,924)  |
| NET INCREASE IN NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS RESULTING FROM OPERATIONS | \$ 6,911,656 | \$ 13,613,766 | \$ 811,021  | \$ 8,086,821 | \$ 3,328,579 |

<sup>(a)</sup> Related to TOB Trusts, VMTP Shares and/or VRDP Shares.  
*See notes to financial statements.*

## Statements of Changes in Net Assets

|   | MUC                 |                | MUJ                 |                |
|---|---------------------|----------------|---------------------|----------------|
|   | Year Ended July 31, |                | Year Ended July 31, |                |
|   | 2018                | 2017           | 2018                | 2017           |
| <i>INCREASE (DECREASE) IN NET ASSETS</i>  |                     |                |                     |                |
| <i>APPLICABLE TO COMMON</i>   |                     |                |                     |                |
| <i>SHAREHOLDERS</i>   |                     |                |                     |                |
| <b>OPERATIONS</b>   |                     |                |                     |                |
| Net investment income   | \$ 26,345,394       | \$ 28,403,294  | \$ 21,389,643       | \$ 23,273,679  |
| Net realized gain (loss)  | 2,208,575           | (81,657)       | 3,015,448           | 2,041,890      |
| Net change in unrealized appreciation<br>(depreciation)   | (21,642,313)        | (38,324,240)   | (10,791,325)        | (30,478,706)   |
| Net increase (decrease) in net assets applicable<br>to Common Shareholders resulting from<br>operations | 6,911,656           | (10,002,603)   | 13,613,766          | (5,163,137)    |
| <b>DISTRIBUTIONS TO COMMON</b>  |                     |                |                     |                |
| <b>SHAREHOLDERS<sup>(a)</sup></b>   |                     |                |                     |                |
| From net investment income  | (27,389,659)        | (30,259,832)   | (22,304,151)        | (24,477,822)   |
| <i>NET ASSETS APPLICABLE TO COMMON</i>  |                     |                |                     |                |
| <i>SHAREHOLDERS</i>   |                     |                |                     |                |
| Total decrease in net assets applicable to<br>Common Shareholders                                       | (20,478,003)        | (40,262,435)   | (8,690,385)         | (29,640,959)   |
| Beginning of year   | 636,865,294         | 677,127,729    | 469,417,335         | 499,058,294    |
| End of year   | \$ 616,387,291      | \$ 636,865,294 | \$ 460,726,950      | \$ 469,417,335 |
| Undistributed net investment income, end of<br>year   | \$ 2,019,353        | \$ 2,937,108   | \$ 2,514,002        | \$ 3,543,469   |

<sup>(a)</sup> Distributions for annual periods determined in accordance with U.S. federal income tax regulations.  
See notes to financial statements.

## Statements of Changes in Net Assets (continued)

|   | MFT                 |                | MIY                 |                |
|---|---------------------|----------------|---------------------|----------------|
|   | Year Ended July 31, |                | Year Ended July 31, |                |
|   | 2018                | 2017           | 2018                | 2017           |
| <i>INCREASE (DECREASE) IN NET ASSETS<br/>APPLICABLE TO COMMON<br/>SHAREHOLDERS</i>                      |                     |                |                     |                |
| <b>OPERATIONS</b>   |                     |                |                     |                |
| Net investment income   | \$ 6,310,000        | \$ 6,659,734   | \$ 20,261,471       | \$ 22,046,333  |
| Net realized gain   | 749,117             | 282,759        | 2,353,308           | 2,178,831      |
| Net change in unrealized appreciation<br>(depreciation)   | (6,248,096)         | (7,955,841)    | (14,527,958)        | (27,549,239)   |
| Net increase (decrease) in net assets applicable<br>to Common Shareholders resulting from<br>operations | 811,021             | (1,013,348)    | 8,086,821           | (3,324,075)    |
| <b>DISTRIBUTIONS TO COMMON<br/>SHAREHOLDERS<sup>(a)</sup></b>   |                     |                |                     |                |
| From net investment income  | (6,747,670)         | (7,050,927)    | (21,027,723)        | (22,756,840)   |
| <b>CAPITAL SHARE TRANSACTIONS</b>   |                     |                |                     |                |
| Reinvestment of common distributions  | 27,009              | 29,921         |                     |                |
| <i>NET ASSETS APPLICABLE TO COMMON<br/>SHAREHOLDERS</i>   |                     |                |                     |                |
| Total decrease in net assets applicable to<br>Common Shareholders                                       | (5,909,640)         | (8,034,354)    | (12,940,902)        | (26,080,915)   |
| Beginning of year   | 123,705,016         | 131,739,370    | 457,887,543         | 483,968,458    |
| End of year   | \$ 117,795,376      | \$ 123,705,016 | \$ 444,946,641      | \$ 457,887,543 |
| Undistributed net investment income, end of<br>year   | \$ 828,755          | \$ 1,294,135   | \$ 673,979          | \$ 1,601,266   |

<sup>(a)</sup> Distributions for annual periods determined in accordance with U.S. federal income tax regulations.

*See notes to financial statements.*



## Statements of Changes in Net Assets (continued)

|   | MPA<br>Year Ended July 31, |                |
|---|----------------------------|----------------|
|   | 2018                       | 2017           |
| <i>INCREASE (DECREASE) IN NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS</i>                        |                            |                |
| <b>OPERATIONS</b>   |                            |                |
| Net investment income   | \$ 9,437,503               | \$ 10,153,571  |
| Net realized gain   | 1,004,627                  | 463,675        |
| Net change in unrealized (depreciation)   | (7,113,551)                | (14,202,647)   |
| Net increase (decrease) in net assets applicable to Common Shareholders resulting from operations | 3,328,579                  | (3,585,401)    |
| <b>DISTRIBUTIONS TO COMMON SHAREHOLDERS<sup>(a)</sup></b>   |                            |                |
| From net investment income  | (9,542,548)                | (9,982,228)    |
| <i>NET ASSETS APPLICABLE TO COMMON SHAREHOLDERS</i>   |                            |                |
| Total decrease in net assets applicable to Common Shareholders                                    | (6,213,969)                | (13,567,629)   |
| Beginning of year   | 210,170,356                | 223,737,985    |
| End of year   | \$ 203,956,387             | \$ 210,170,356 |
| Undistributed net investment income, end of year  | \$ 646,458                 | \$ 766,735     |

<sup>(a)</sup> Distributions for annual periods determined in accordance with U.S. federal income tax regulations.  
See notes to financial statements.

## Statements of Cash Flows

Year Ended July 31, 2018

|  | MUC           | MUJ           | MFT          | MIY          | MPA          |
|--|---------------|---------------|--------------|--------------|--------------|
| <b>CASH PROVIDED BY<br/>(USED FOR) OPERATING<br/>ACTIVITIES</b>  |               |               |              |              |              |
| Net increase in net assets<br>resulting from operations  | \$ 6,911,656  | \$ 13,613,766 | \$ 811,021   | \$ 8,086,821 | \$ 3,328,579 |
| Adjustments to reconcile net<br>increase in net assets resulting<br>from operations to net cash<br>provided by operating activities: |               |               |              |              |              |
| Proceeds from sales of<br>long-term investments  | 251,726,833   | 104,166,047   | 62,053,783   | 56,086,358   | 71,009,857   |
| Purchases of long-term<br>investments  | (273,835,457) | (124,818,405) | (64,631,329) | (69,364,960) | (75,413,028) |
| Net (purchases) sales of<br>short-term securities  | 596,074       | 19,246,020    | 145,711      | 1,331,734    | (72,996)     |
| Amortization of premium and<br>accretion of discount on<br>investments and other fees  | 7,428,711     | 792,405       | 829,740      | 3,591,306    | 881,238      |
| Net realized (gain) loss on<br>investments   | 922,526       | (176,820)     | (275,009)    | (300,885)    | 381,350      |
| Net unrealized depreciation on<br>investments  | 22,080,270    | 10,979,061    | 6,277,978    | 14,554,264   | 7,210,181    |
| <b>(Increase) Decrease in Assets:</b>  |               |               |              |              |              |
| Receivables:   |               |               |              |              |              |
| Interest unaffiliated  | (919,522)     | 99,663        | 4,014        | (187,986)    | (64,666)     |
| Dividends affiliated   | (10,447)      | 5,129         | 86           | (1,591)      | (550)        |
| Variation margin on futures<br>contracts   | 24,125        | 21,828        | 6,211        | 31,062       | 10,172       |
| Prepaid expenses   | (588)         | 13,247        | (563)        | 13,241       | (608)        |
| <b>Increase (Decrease) in<br/>Liabilities:</b>   |               |               |              |              |              |
| Payables:  |               |               |              |              |              |
| Investment advisory fees   | (455,196)     | (313,091)     | (86,441)     | (299,309)    | (140,272)    |
| Interest expense and fees  | 328,562       | 55,850        | 41,877       | 85,278       | 79,029       |
| Directors and Officer s  | 7,688         | (2,380)       | (668)        | (2,347)      | (830)        |
| Variation margin on futures<br>contracts   | 71,909        | 20,912        | 4,471        | 34,802       | 13,113       |
| Other accrued expenses   | (38,021)      | (25,015)      | (23,786)     | (17,663)     | (16,794)     |
| Net cash provided by operating<br>activities   | 14,839,123    | 23,678,217    | 5,157,096    | 13,640,125   | 7,203,775    |

**CASH PROVIDED BY  
(USED FOR) FINANCING  
ACTIVITIES**

|   |              |              |             |              |             |
|---|--------------|--------------|-------------|--------------|-------------|
| Proceeds from TOB Trust Certificates          | 25,502,589   | 4,087,722    | 5,359,017   | 18,765,017   | 4,023,036   |
| Repayments of TOB Trust Certificates          | (21,282,663) | (5,217,299)  | (3,801,565) | (10,765,142) | (1,673,111) |
| Proceeds from Loan for TOB Trust Certificates | 5,132,664    |              | 256,778     | 765,142      | 1,023,036   |
| Repayments of Loan for TOB Trust Certificates | (5,132,664)  |              | (256,778)   | (1,265,017)  | (1,023,036) |
| Cash dividends paid to Common Shareholders    | (27,963,694) | (22,756,459) | (6,788,354) | (21,382,662) | (9,633,344) |
| Increase in bank overdraft                    | 9,070,647    | 33,778       | 6,806       | 14,950       | 4,511       |
| Amortization of deferred offering costs       |              | 19,041       |             | 9,587        | 11,133      |
| Net cash used for financing activities        | (14,673,121) | (23,833,217) | (5,224,096) | (13,858,125) | (7,267,775) |

**CASH**

|  |            |            |           |            |            |
|--|------------|------------|-----------|------------|------------|
| Net increase (decrease) in restricted and unrestricted cash and foreign currency | 166,002    | (155,000)  | (67,000)  | (218,000)  | (64,000)   |
| Restricted and unrestricted cash and foreign currency at beginning of year       | 443,500    | 376,000    | 114,550   | 553,950    | 181,800    |
| Restricted and unrestricted cash and foreign currency at end of year             | \$ 609,502 | \$ 221,000 | \$ 47,550 | \$ 335,950 | \$ 117,800 |

**SUPPLEMENTAL  
DISCLOSURE OF CASH  
FLOW INFORMATION**

|  |              |              |              |              |              |
|--|--------------|--------------|--------------|--------------|--------------|
| Cash paid during the year for interest expense | \$ 8,199,066 | \$ 6,000,682 | \$ 1,700,586 | \$ 5,630,568 | \$ 2,605,333 |
|--|--------------|--------------|--------------|--------------|--------------|

**NON-CASH FINANCING  
ACTIVITIES**

|  |    |    |           |    |    |
|--|----|----|-----------|----|----|
| Capital shares issued in reinvestment of distributions paid to Common Shareholders | \$ | \$ | \$ 27,009 | \$ | \$ |
|--|----|----|-----------|----|----|

**RECONCILIATION OF  
RESTRICTED AND**

**UNRESTRICTED CASH AT  
THE END OF YEAR TO  
THE STATEMENTS OF  
ASSETS AND LIABILITIES**

Cash pledged:

|                   |    |         |    |         |    |        |    |         |    |         |
|-------------------|----|---------|----|---------|----|--------|----|---------|----|---------|
| Futures contracts | \$ | 609,502 | \$ | 221,000 | \$ | 47,550 | \$ | 335,950 | \$ | 117,800 |
|-------------------|----|---------|----|---------|----|--------|----|---------|----|---------|

**RECONCILIATION OF  
RESTRICTED AND  
UNRESTRICTED CASH AT  
THE BEGINNING OF YEAR  
TO THE STATEMENTS OF  
ASSETS AND LIABILITIES**

Cash pledged:

|                   |    |         |    |         |    |         |    |         |    |         |
|-------------------|----|---------|----|---------|----|---------|----|---------|----|---------|
| Futures contracts | \$ | 443,500 | \$ | 376,000 | \$ | 114,550 | \$ | 553,950 | \$ | 181,800 |
|-------------------|----|---------|----|---------|----|---------|----|---------|----|---------|

*See notes to financial statements.*

## Financial Highlights

(For a share outstanding throughout each period)

|   | MUC<br>Year Ended July 31, |            |            |                       |            |
|---|----------------------------|------------|------------|-----------------------|------------|
|   | 2018                       | 2017       | 2016       | 2015                  | 2014       |
| <b>Net asset value, beginning of year</b>   | \$ 15.53                   | \$ 16.51   | \$ 15.78   | \$ 15.82              | \$ 14.52   |
| Net investment income <sup>(a)</sup>  | 0.64                       | 0.69       | 0.77       | 0.78                  | 0.82       |
| Net realized and unrealized gain (loss)   | (0.47)                     | (0.93)     | 0.76       | (0.00) <sup>(b)</sup> | 1.34       |
| Net increase (decrease) from investment operations  | 0.17                       | (0.24)     | 1.53       | 0.78                  | 2.16       |
| Distributions to Common Shareholders from net investment income <sup>(c)</sup>  | (0.67)                     | (0.74)     | (0.80)     | (0.82)                | (0.86)     |
| <b>Net asset value, end of year</b>   | \$ 15.03                   | \$ 15.53   | \$ 16.51   | \$ 15.78              | \$ 15.82   |
| <b>Market price, end of year</b>  | \$ 13.07                   | \$ 14.75   | \$ 16.28   | \$ 14.28              | \$ 14.04   |
| <b>Total Return Applicable to Common Shareholders<sup>(d)</sup></b>   |                            |            |            |                       |            |
| Based on net asset value  | 1.54%                      | (1.08)%    | 10.20%     | 5.52%                 | 15.94%     |
| Based on market price   | (7.03)%                    | (4.73)%    | 20.08%     | 7.60%                 | 12.25%     |
| <b>Ratios to Average Net Assets Applicable to Common Shareholders</b>   |                            |            |            |                       |            |
| Total expenses  | 2.38%                      | 2.04%      | 1.60%      | 1.47%                 | 1.57%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly  | 2.29%                      | 1.96%      | 1.55%      | 1.45%                 | 1.51%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs <sup>(e)</sup> | 0.93%                      | 0.93%      | 0.93%      | 0.93%                 | 0.93%      |
| Net investment income to Common Shareholders  | 4.20%                      | 4.44%      | 4.79%      | 4.88%                 | 5.44%      |
| <b>Supplemental Data</b>  | \$ 616,387                 | \$ 636,865 | \$ 677,128 | \$ 646,897            | \$ 648,837 |

Net assets applicable to Common Shareholders, end of year (000)

|  |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| VMTP Shares outstanding at \$100,000 liquidation value, end of year (000)  | \$ 254,000 | \$ 254,000 | \$ 254,000 | \$ 254,000 | \$ 254,000 |
| Asset coverage per VMTP Shares at \$100,000 liquidation value, end of year | \$ 342,672 | \$ 350,734 | \$ 366,586 | \$ 354,684 | \$ 355,448 |
| Borrowings outstanding, end of year (000)                                  | \$ 185,905 | \$ 181,685 | \$ 169,699 | \$ 161,571 | \$ 88,271  |
| Portfolio turnover rate  | 24%        | 19%        | 21%        | 25%        | 25%        |

(a) Based on average Common Shares outstanding.

(b) Amount is greater than \$(0.005) per share.

(c) Distributions for annual periods determined in accordance with U.S. federal income tax regulations.

(d) Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions at actual reinvestment prices.

(e) Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VMTP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.

*See notes to financial statements.*

## Financial Highlights (continued)

(For a share outstanding throughout each period)

|   | MUJ<br>Year Ended July 31, |                      |                      |                          |                      |
|---|----------------------------|----------------------|----------------------|--------------------------|----------------------|
|   | 2018                       | 2017                 | 2016                 | 2015                     | 2014                 |
| <b>Net asset value, beginning of year</b>   | \$ 15.57                   | \$ 16.55             | \$ 15.62             | \$ 15.74                 | \$ 14.51             |
| Net investment income <sup>(a)</sup>  | 0.71                       | 0.77                 | 0.84                 | 0.84                     | 0.86                 |
| Net realized and unrealized gain (loss)   | (0.26)                     | (0.94)               | 0.96                 | (0.07)                   | 1.27                 |
| Net increase (decrease) from investment operations  | 0.45                       | (0.17)               | 1.80                 | 0.77                     | 2.13                 |
| <b>Distributions to Common Shareholders<sup>(b)</sup></b>                                     |                            |                      |                      |                          |                      |
| From net investment income  | (0.74)                     | (0.81)               | (0.87)               | (0.89)                   | (0.89)               |
| From net realized gain  |                            |                      |                      |                          | (0.01)               |
| Total distributions   | (0.74)                     | (0.81)               | (0.87)               | (0.89)                   | (0.90)               |
| <b>Net asset value, end of year</b>   | \$ 15.28                   | \$ 15.57             | \$ 16.55             | \$ 15.62                 | \$ 15.74             |
| <b>Market price, end of year</b>  | \$ 12.90                   | \$ 14.88             | \$ 16.12             | \$ 13.55                 | \$ 14.11             |
| <b>Total Return Applicable to Common Shareholders<sup>(c)</sup></b>                           |                            |                      |                      |                          |                      |
| Based on net asset value  | 3.52%                      | (0.57)%              | 12.39%               | 5.59%                    | 15.79%               |
| Based on market price   | (8.55)%                    | (2.44)%              | 26.20%               | 2.18%                    | 13.24%               |
| <b>Ratios to Average Net Assets Applicable to Common Shareholders</b>                         |                            |                      |                      |                          |                      |
| Total expenses  | 2.23%                      | 1.89%                | 1.52%                | 1.62% <sup>(d)</sup>     | 1.64%                |
| Total expenses after fees waived and/or reimbursed and paid indirectly                        | 2.23%                      | 1.89%                | 1.52%                | 1.57% <sup>(d)</sup>     | 1.57%                |
| Total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest | 0.93% <sup>(f)</sup>       | 0.91% <sup>(f)</sup> | 0.90% <sup>(f)</sup> | 1.02% <sup>(d),(f)</sup> | 1.25% <sup>(f)</sup> |

expense fees and amortization of offering costs<sup>(e)</sup>

|  |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|
| Net investment income to Common Shareholders | 4.60% | 4.95% | 5.27% | 5.27% | 5.78% |
|--|-------|-------|-------|-------|-------|

**Supplemental Data**

|  |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| Net assets applicable to Common Shareholders, end of year (000)            | \$ 460,727 | \$ 469,417 | \$ 499,058 | \$ 470,946 | \$ 335,425 |
| VRDP Shares outstanding at \$100,000 liquidation value, end of year (000)  | \$ 237,100 | \$ 237,100 | \$ 237,100 | \$ 237,100 | \$ 172,700 |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of year | \$ 294,318 | \$ 297,983 | \$ 310,484 | \$ 298,628 | \$ 294,224 |
| Borrowings outstanding, end of year (000)                                  | \$ 62,747  | \$ 63,877  | \$ 55,089  | \$ 52,744  | \$ 34,699  |
| Portfolio turnover rate  | 14%        | 8%         | 9%         | 10%        | 16%        |

(a) Based on average Common Shares outstanding.

(b) Distributions for annual periods determined in accordance with U.S. federal income tax regulations.

(c) Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions at actual reinvestment prices.

(d) Includes reorganization costs associated with the Fund's reorganization. Without these costs, total expenses, total expenses after fees waived and/or reimbursed and paid indirectly and total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.52%, 1.50% and 0.95%, respectively.

(e) Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.

(f) The total expense ratio after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees, amortization of offering costs, liquidity and remarketing fees were as follows:

| Expense ratios | Year Ended July 31, |       |       |       |       |
|----------------|---------------------|-------|-------|-------|-------|
|                | 2018                | 2017  | 2016  | 2015  | 2014  |
|                | 0.93%               | 0.91% | 0.89% | 1.01% | 0.95% |

See notes to financial statements.



## Financial Highlights (continued)

(For a share outstanding throughout each period)

|   | MFT<br>Year Ended July 31, |            |            |            |            |
|---|----------------------------|------------|------------|------------|------------|
|   | 2018                       | 2017       | 2016       | 2015       | 2014       |
| <b>Net asset value, beginning of year</b>   | \$ 14.60                   | \$ 15.55   | \$ 14.95   | \$ 14.83   | \$ 13.61   |
| Net investment income <sup>(a)</sup>  | 0.74                       | 0.79       | 0.83       | 0.84       | 0.85       |
| Net realized and unrealized gain (loss)   | (0.64)                     | (0.91)     | 0.62       | 0.13       | 1.22       |
| Net increase (decrease) from investment operations  | 0.10                       | (0.12)     | 1.45       | 0.97       | 2.07       |
| Distributions to Common Shareholders from net investment income <sup>(b)</sup>  | (0.80)                     | (0.83)     | (0.85)     | (0.85)     | (0.85)     |
| <b>Net asset value, end of year</b>   | \$ 13.90                   | \$ 14.60   | \$ 15.55   | \$ 14.95   | \$ 14.83   |
| <b>Market price, end of year</b>  | \$ 13.03                   | \$ 14.67   | \$ 16.09   | \$ 13.37   | \$ 13.26   |
| <b>Total Return Applicable to Common Shareholders<sup>(c)</sup></b>   |                            |            |            |            |            |
| Based on net asset value  | 0.92%                      | (0.51)%    | 10.31%     | 7.25%      | 16.40%     |
| Based on market price   | (5.85)%                    | (3.39)%    | 27.63%     | 7.27%      | 16.10%     |
| <b>Ratios to Average Net Assets Applicable to Common Shareholders</b>   |                            |            |            |            |            |
| Total expenses  | 2.47%                      | 2.07%      | 1.61%      | 1.56%      | 1.67%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly  | 2.47%                      | 2.07%      | 1.61%      | 1.56%      | 1.67%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs <sup>(d)</sup> | 1.03%                      | 1.00%      | 0.96%      | 0.98%      | 1.00%      |
| Net investment income to Common Shareholders  | 5.23%                      | 5.35%      | 5.45%      | 5.52%      | 6.04%      |
| <b>Supplemental Data</b>  |                            |            |            |            |            |
|   | \$ 117,795                 | \$ 123,705 | \$ 131,739 | \$ 126,696 | \$ 125,647 |

Net assets applicable to Common Shareholders, end of year (000)

|  |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| VMTP Shares outstanding at \$100,000 liquidation value, end of year (000)  | \$ 56,500  | \$ 56,500  | \$ 56,500  | \$ 56,500  | \$ 56,500  |
| Asset coverage per VMTP Shares at \$100,000 liquidation value, end of year | \$ 308,487 | \$ 318,947 | \$ 333,167 | \$ 324,240 | \$ 322,384 |
| Borrowings outstanding, end of year (000)                                  | \$ 28,786  | \$ 27,229  | \$ 21,953  | \$ 19,488  | \$ 20,284  |
| Portfolio turnover rate  | 30%        | 34%        | 21%        | 13%        | 32%        |

- (a) Based on average Common Shares outstanding.
- (b) Distributions for annual periods determined in accordance with U.S. federal income tax regulations.
- (c) Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions at actual reinvestment prices.
- (d) Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VMTP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.

*See notes to financial statements.*

## Financial Highlights (continued)

(For a share outstanding throughout each period)

|   | MIY                 |            |                      |                      |            |
|---|---------------------|------------|----------------------|----------------------|------------|
|   | Year Ended July 31, |            |                      |                      |            |
|   | 2018                | 2017       | 2016                 | 2015                 | 2014       |
| <b>Net asset value, beginning of year</b>   | \$ 15.48            | \$ 16.36   | \$ 15.48             | \$ 15.24             | \$ 14.16   |
| Net investment income <sup>(a)</sup>  | 0.69                | 0.75       | 0.79                 | 0.83                 | 0.86       |
| Net realized and unrealized gain (loss)   | (0.42)              | (0.86)     | 0.92                 | 0.27                 | 1.12       |
| Net increase (decrease) from investment operations  | 0.27                | (0.11)     | 1.71                 | 1.10                 | 1.98       |
| Distributions to Common Shareholders from net investment income <sup>(b)</sup>  | (0.71)              | (0.77)     | (0.83)               | (0.86)               | (0.90)     |
| <b>Net asset value, end of year</b>   | \$ 15.04            | \$ 15.48   | \$ 16.36             | \$ 15.48             | \$ 15.24   |
| <b>Market price, end of year</b>  | \$ 12.89            | \$ 14.19   | \$ 15.38             | \$ 13.22             | \$ 13.47   |
| <b>Total Return Applicable to Common Shareholders<sup>(c)</sup></b>   |                     |            |                      |                      |            |
| Based on net asset value  | 2.37%               | (0.07)%    | 11.99%               | 8.08%                | 15.24%     |
| Based on market price   | (4.29)%             | (2.56)%    | 23.28%               | 4.43%                | 14.74%     |
| <b>Ratios to Average Net Assets Applicable to Common Shareholders</b>   |                     |            |                      |                      |            |
| Total expenses  | 2.16%               | 1.88%      | 1.54% <sup>(d)</sup> | 1.52% <sup>(e)</sup> | 1.54%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly  | 2.16%               | 1.88%      | 1.54% <sup>(d)</sup> | 1.48% <sup>(e)</sup> | 1.54%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs <sup>(f)</sup> | 0.89%               | 0.89%      | 0.93% <sup>(d)</sup> | 0.93% <sup>(e)</sup> | 0.93%      |
| Net investment income to Common Shareholders  | 4.49%               | 4.81%      | 5.02%                | 5.30%                | 5.94%      |
| <b>Supplemental Data</b>  |                     |            |                      |                      |            |
|   | \$ 444,947          | \$ 457,888 | \$ 483,968           | \$ 282,534           | \$ 278,143 |

Net assets applicable to Common  
Shareholders, end of year (000)

|   |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|
| VRDP Shares outstanding at \$100,000<br>liquidation value, end of year (000)  | \$ 231,900 | \$ 231,900 | \$ 231,900 | \$ 144,600 | \$ 144,600 |
| Asset coverage per VRDP Shares at<br>\$100,000 liquidation value, end of year | \$ 291,870 | \$ 297,450 | \$ 308,697 | \$ 295,390 | \$ 292,354 |
| Borrowings outstanding, end of year<br>(000)                                  | \$ 60,002  | \$ 52,002  | \$ 51,227  | \$ 23,487  | \$ 23,487  |
| Portfolio turnover rate   | 8%         | 13%        | 19%        | 19%        | 16%        |

(a) Based on average Common Shares outstanding.

(b) Distributions for annual periods determined in accordance with U.S. federal income tax regulations.

(c) Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions at actual reinvestment prices.

(d) Includes reorganization costs associated with the Fund's reorganization. Without these costs total expenses, total expenses after fees waived and/or reimbursed and paid indirectly and total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.49%, 1.49% and 0.88%, respectively.

(e) Includes reorganization costs associated with the Fund's reorganization. Without these costs total expenses, total expenses after fees waived and/or reimbursed and paid indirectly and total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.48%, 1.48% and 0.92%, respectively.

(f) Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.

*See notes to financial statements.*

## Financial Highlights (continued)

(For a share outstanding throughout each period)

|   | MPA                 |            |            |                      |            |
|---|---------------------|------------|------------|----------------------|------------|
|   | Year Ended July 31, |            |            |                      |            |
|   | 2018                | 2017       | 2016       | 2015                 | 2014       |
| <b>Net asset value, beginning of year</b>   | \$ 15.74            | \$ 16.76   | \$ 15.77   | \$ 15.77             | \$ 14.59   |
| Net investment income <sup>(a)</sup>  | 0.71                | 0.76       | 0.80       | 0.81                 | 0.87       |
| Net realized and unrealized gain (loss)   | (0.47)              | (1.03)     | 1.02       | 0.07                 | 1.20       |
| Net increase (decrease) from investment operations  | 0.24                | (0.27)     | 1.82       | 0.88                 | 2.07       |
| Distributions to Common Shareholders from net investment income <sup>(b)</sup>  | (0.71)              | (0.75)     | (0.83)     | (0.88)               | (0.89)     |
| <b>Net asset value, end of year</b>   | \$ 15.27            | \$ 15.74   | \$ 16.76   | \$ 15.77             | \$ 15.77   |
| <b>Market price, end of year</b>  | \$ 13.26            | \$ 14.69   | \$ 16.07   | \$ 13.50             | \$ 13.89   |
| <b>Total Return Applicable to Common Shareholders<sup>(c)</sup></b>   |                     |            |            |                      |            |
| Based on net asset value  | 2.09%               | (1.20)%    | 12.38%     | 6.33%                | 15.39%     |
| Based on market price   | (5.01)%             | (3.83)%    | 25.87%     | 3.34%                | 13.45%     |
| <b>Ratios to Average Net Assets Applicable to Common Shareholders</b>   |                     |            |            |                      |            |
| Total expenses  | 2.26%               | 1.91%      | 1.46%      | 1.54% <sup>(d)</sup> | 1.48%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly  | 2.26%               | 1.91%      | 1.46%      | 1.45% <sup>(d)</sup> | 1.48%      |
| Total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs <sup>(e)</sup> | 0.95%               | 0.94%      | 0.89%      | 0.96% <sup>(d)</sup> | 0.95%      |
| Net investment income to Common Shareholders  | 4.56%               | 4.83%      | 4.98%      | 5.05%                | 5.79%      |
| <b>Supplemental Data</b>  | \$ 203,956          | \$ 210,170 | \$ 223,738 | \$ 210,549           | \$ 181,459 |

Net assets applicable to Common Shareholders, end of year (000)

|  |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| VRDP Shares outstanding at \$100,000 liquidation value, end of year (000)  | \$ 82,600  | \$ 82,600  | \$ 82,600  | \$ 82,600  | \$ 66,300  |
| Asset coverage per VRDP Shares at \$100,000 liquidation value, end of year | \$ 346,921 | \$ 354,444 | \$ 370,869 | \$ 354,901 | \$ 373,693 |
| Borrowings outstanding, end of year (000)                                  | \$ 58,176  | \$ 55,826  | \$ 48,710  | \$ 28,468  | \$ 37,066  |
| Portfolio turnover rate  | 21%        | 15%        | 17%        | 21%        | 16%        |

(a) Based on average Common Shares outstanding.

(b) Distributions for annual periods determined in accordance with U.S. federal income tax regulations.

(c) Total returns based on market price, which can be significantly greater or less than the net asset value, may result in substantially different returns. Where applicable, excludes the effects of any sales charges and assumes the reinvestment of distributions at actual reinvestment prices.

(d) Includes reorganization costs associated with the Fund's reorganization. Without these costs, total expenses, total expenses after fees waived and/or reimbursed and paid indirectly and total expenses after fees waived and/or reimbursed and paid indirectly and excluding interest expense, fees and amortization of offering costs would have been 1.40%, 1.40% and 0.91%, respectively.

(e) Interest expense, fees and amortization of offering costs related to TOB Trusts and/or VRDP Shares. See Note 4 and Note 10 of the Notes to Financial Statements for details.

*See notes to financial statements.*

## Notes to Financial Statements

**1. ORGANIZATION**

The following are registered under the Investment Company Act of 1940, as amended (the 1940 Act ), as closed-end management investment companies and are referred to herein collectively as the Funds , or individually as a Fund :

| <i>Fund Name</i>                                     | <i>Herein Referred To As</i> | <i>Organized</i> | <i>Diversification Classification</i> |
|--|------------------------------|------------------|---------------------------------------|
| BlackRock MuniHoldings California Quality Fund, Inc. | MUC                          | Maryland         | Diversified                           |
| BlackRock MuniHoldings New Jersey Quality Fund, Inc. | MUJ                          | Maryland         | Non-diversified                       |
| BlackRock MuniYield Investment Quality Fund          | MFT                          | Massachusetts    | Diversified                           |
| BlackRock MuniYield Michigan Quality Fund, Inc.      | MIY                          | Maryland         | Non-diversified                       |
| BlackRock MuniYield Pennsylvania Quality Fund        | MPA                          | Massachusetts    | Non-diversified                       |

The Boards of Directors and Boards of Trustees of the Funds are collectively referred to throughout this report as the Board of Directors or the Board, and the directors or trustees thereof are collectively referred to throughout this report as Directors . The Funds determine and make available for publication the NAVs of their Common Shares on a daily basis.

The Funds, together with certain other registered investment companies advised by BlackRock Advisors, LLC (the Manager ) or its affiliates, are included in a complex of closed-end funds referred to as the Closed-End Complex.

**2. SIGNIFICANT ACCOUNTING POLICIES**

The financial statements are prepared in conformity with accounting principles generally accepted in the United States of America ( U.S. GAAP ), which may require management to make estimates and assumptions that affect the reported amounts of assets and liabilities in the financial statements, disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates. Each Fund is considered an investment company under U.S. GAAP and follows the accounting and reporting guidance applicable to investment companies. Below is a summary of significant accounting policies:

**Investment Transactions and Income Recognition:** For financial reporting purposes, investment transactions are recorded on the dates the transactions are entered into (the trade dates ). Realized gains and losses on investment transactions are determined on the identified cost basis. Interest income, including amortization and accretion of premiums and discounts on debt securities, is recognized on an accrual basis.

**Segregation and Collateralization:** In cases where a Fund enters into certain investments (e.g., futures contracts) or certain borrowing (e.g., TOB Trust transactions) that would be treated as senior securities for 1940 Act purposes, a Fund may segregate or designate on its books and records cash or liquid assets having a market value at least equal to the amount of its future obligations under such investments or borrowings. Doing so allows the investment or borrowing to be excluded from treatment as a senior security. Furthermore, if required by an exchange or counterparty agreement, the Funds may be required to deliver/deposit cash and/or securities to/with an exchange, or broker-dealer or custodian as collateral for certain investments or obligations.

**Distributions:** Distributions from net investment income are declared and paid monthly. Distributions of capital gains are recorded on the ex-dividend date and made at least annually. The character and timing of distributions are determined in accordance with U.S. federal income tax regulations, which may differ from U.S. GAAP.

Distributions to Preferred Shareholders are accrued and determined as described in Note 10.

**Deferred Compensation Plan:** Under the Deferred Compensation Plan (the Plan) approved by each Fund's Board, the independent Directors (Independent Directors) may defer a portion of their annual complex-wide compensation. Deferred amounts earn an approximate return as though equivalent dollar amounts had been invested in common shares of certain other BlackRock Closed-End Funds selected by the Independent Directors. This has the same economic effect for the Independent Directors as if the Independent Directors had invested the deferred amounts directly in certain other BlackRock Closed-End Funds.

The Plan is not funded and obligations thereunder represent general unsecured claims against the general assets of each Fund, if applicable. Deferred compensation liabilities are included in the Directors' and Officer's fees payable in the Statements of Assets and Liabilities and will remain as a liability of the Funds until such amounts are distributed in accordance with the Plan.

**Recent Accounting Standards:** In March 2017, the Financial Accounting Standards Board issued Accounting Standards Update Premium Amortization of Purchased Callable Debt Securities which amends the amortization period for certain purchased callable debt securities. Under the new guidance, the premium amortization of purchased callable debt securities that have explicit, non-contingent call features and are callable at fixed prices will be amortized to the earliest call date. The guidance will be applied on a modified retrospective basis and is effective for fiscal years, and their interim periods, beginning after December 15, 2018. Management is currently evaluating the impact of this guidance to the Funds.

**Indemnifications:** In the normal course of business, a Fund enters into contracts that contain a variety of representations that provide general indemnification. A Fund's maximum exposure under these arrangements is unknown because it involves future potential claims against a Fund, which cannot be predicted with any certainty.

**Other:** Expenses directly related to a Fund are charged to that Fund. Other operating expenses shared by several funds, including other funds managed by the Manager, are prorated among those funds on the basis of relative net assets or other appropriate methods.



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Notes to Financial Statements (continued)

### **3. INVESTMENT VALUATION AND FAIR VALUE MEASUREMENTS**

**Investment Valuation Policies:** The Funds' investments are valued at fair value (also referred to as market value within the financial statements) as of the close of trading on the New York Stock Exchange ( NYSE ) (generally 4:00 p.m., Eastern time). U.S. GAAP defines fair value as the price the Funds would receive to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date. The Funds determine the fair values of their financial instruments using various independent dealers or pricing services under policies approved by the Board. The BlackRock Global Valuation Methodologies Committee (the Global Valuation Committee ) is the committee formed by management to develop global pricing policies and procedures and to oversee the pricing function for all financial instruments.

**Fair Value Inputs and Methodologies:** The following methods and inputs are used to establish the fair value of each Fund's assets and liabilities:

Municipal investments (including commitments to purchase such investments on a when-issued basis) are valued on the basis of prices provided by dealers or pricing services. In determining the value of a particular investment, pricing services may use certain information with respect to transactions in such investments, quotations from dealers, pricing matrixes, market transactions in comparable investments and information with respect to various relationships between investments.

Investments in open-end U.S. mutual funds are valued at net asset value ( NAV ) each business day.

Futures contracts traded on exchanges are valued at their last sale price.

If events (e.g., a company announcement, market volatility or a natural disaster) occur that are expected to materially affect the value of such investments, or in the event that the application of these methods of valuation results in a price for an investment that is deemed not to be representative of the market value of such investment, or if a price is not available, the investment will be valued by the Global Valuation Committee, or its delegate, in accordance with a policy approved by the Board as reflecting fair value ( Fair Valued Investments ). The fair valuation approaches that may be used by the Global Valuation Committee will include market approach, income approach and cost approach. Valuation techniques such as discounted cash flow, use of market comparables and matrix pricing are types of valuation approaches and are typically used in determining fair value. When determining the price for Fair Valued Investments, the Global Valuation Committee, or its delegate, seeks to determine the price that each Fund might reasonably expect to receive or pay from the current sale or purchase of that asset or liability in an arm's-length transaction. Fair value determinations shall be based upon all available factors that the Global Valuation Committee, or its delegate, deems relevant and consistent with the principles of fair value measurement. The pricing of all Fair Valued Investments is subsequently reported to the Board or a committee thereof on a quarterly basis.

**Fair Value Hierarchy:** Various inputs are used in determining the fair value of investments and derivative financial instruments. These inputs to valuation techniques are categorized into a fair value hierarchy consisting of three broad levels for financial statement purposes as follows:

Level 1 Unadjusted price quotations in active markets/exchanges for identical assets or liabilities that each Fund has the ability to access

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

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

The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Accordingly, the degree of judgment exercised in determining fair value is greatest for instruments categorized in Level 3. The inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, for disclosure purposes, the fair value hierarchy classification is determined based on the lowest level input that is significant to the fair value measurement in its entirety. Investments classified within Level 3 have significant unobservable inputs used by the Global Valuation Committee in determining the price for Fair Valued Investments. Level 3 investments include equity or debt issued by privately held companies or funds. There may not be a secondary market, and/or there are a limited number of investors. Level 3 investments may also be adjusted to reflect illiquidity and/or non-transferability, with the amount of such discount estimated by the Global Valuation Committee in the absence of market information.

Changes in valuation techniques may result in transfers into or out of an assigned level within the hierarchy. In accordance with each Fund's policy, transfers between different levels of the fair value hierarchy are deemed to have occurred as of the beginning of the reporting period. The categorization of a value determined for investments and derivative financial instruments is based on the pricing transparency of the investments and derivative financial instruments and is not necessarily an indication of the risks associated with investing in those securities.

#### **4. SECURITIES AND OTHER INVESTMENTS**

**Zero-Coupon Bonds:** Zero-coupon bonds are normally issued at a significant discount from face value and do not provide for periodic interest payments. These bonds may experience greater volatility in market value than other debt obligations of similar maturity which provide for regular interest payments.

**Forward Commitments and When-Issued Delayed Delivery Securities:** Certain Funds may purchase securities on a when-issued basis and may purchase or sell securities on a forward commitment basis. Settlement of such transactions normally occurs within a month or more after the purchase or sale commitment is made. A Fund may purchase securities under such conditions with the intention of actually acquiring them, but may enter into a separate agreement to sell the securities before the settlement date. Since the value of securities purchased may fluctuate prior to settlement, a Fund may be required to pay more at settlement than the security is worth. In addition, a Fund is not entitled to any of the interest earned prior to settlement. When purchasing a security on a delayed delivery basis, a Fund assumes the rights and risks of ownership of the security, including the risk of price and yield fluctuations. In the event of default by the counterparty, a Fund's maximum amount of loss is the unrealized appreciation of unsettled when-issued transactions.



## Notes to Financial Statements (continued)

**Municipal Bonds Transferred to TOB Trusts:** Certain Funds leverage their assets through the use of TOB Trust transactions. The Funds transfer municipal bonds into a special purpose trust (a TOB Trust). A TOB Trust issues two classes of beneficial interests: short-term floating rate interests (TOB Trust Certificates), which are sold to third party investors, and residual inverse floating rate interests (TOB Residuals), which are issued to the participating funds that contributed the municipal bonds to the TOB Trust. The TOB Trust Certificates have interest rates that reset weekly and their holders have the option to tender such certificates to the TOB Trust for redemption at par and any accrued interest at each reset date. The TOB Residuals held by a Fund provide the Fund with the right to cause the holders of a proportional share of the TOB Trust Certificates to tender their certificates to the TOB Trust at par plus accrued interest. The Funds may withdraw a corresponding share of the municipal bonds from the TOB Trust. Other funds managed by the investment adviser may also contribute municipal bonds to a TOB Trust into which a Fund has contributed bonds. If multiple BlackRock-advised funds participate in the same TOB Trust, the economic rights and obligations under the TOB Residuals will be shared among the funds ratably in proportion to their participation in the TOB Trust.

TOB Trusts are supported by a liquidity facility provided by a third party bank or other financial institution (the Liquidity Provider) that allows the holders of the TOB Trust Certificates to tender their certificates in exchange for payment of par plus accrued interest on any business day. The tendered TOB Trust Certificates are remarketed by a Remarketing Agent. In the event of a failed remarketing, the TOB Trust may draw upon a loan from the Liquidity Provider to purchase the tendered TOB Trust Certificates. Any loans made by the Liquidity Provider will be secured by the purchased TOB Trust Certificates held by the TOB Trust and will be subject to an increased interest rate based on number of days the loan is outstanding.

The TOB Trust may be collapsed without the consent of a Fund, upon the occurrence of a termination event, as defined in the TOB Trust agreement. Upon the occurrence of a termination event, a TOB Trust would be liquidated with the proceeds applied first to any accrued fees owed to the trustee of the TOB Trust, the Remarketing Agent and the Liquidity Provider. Upon certain termination events, TOB Trust Certificates holders will be paid before the TOB Residuals holders (i.e., the Funds) whereas in other termination events, TOB Trust Certificates holders and TOB Residuals holders will be paid pro rata.

While a fund's investment policies and restrictions expressly permit investments in inverse floating rate securities, such as TOB Residuals, they restrict the ability of a fund to borrow money for purposes of making investments. The management of each of MFT, MIY and MPA believes that each fund's restrictions on borrowings do not apply to the fund's TOB Trust transactions. Each fund's transfer of the municipal bonds to a TOB Trust is considered a secured borrowing for financial reporting purposes. The cash received by the TOB Trust from the sale of the TOB Trust Certificates, less certain transaction expenses, is paid to a fund. A fund typically invests the cash received in additional municipal bonds.

**Accounting for TOB Trusts:** The municipal bonds deposited into a TOB Trust are presented in a Fund's Schedule of Investments and the TOB Trust Certificates are shown in Other Liabilities in the Statements of Assets and Liabilities. Any loans drawn by the TOB Trust pursuant to the liquidity facility to purchase tendered TOB Trust Certificates are shown as Loan for TOB Trust Certificates. The carrying amount of a Fund's payable to the holder of the TOB Trust Certificates, as reported in the Statements of Assets and Liabilities as TOB Trust Certificates, approximates its fair value.

Interest income, including amortization and accretion of premiums and discounts, from the underlying municipal bonds is recorded by a fund on an accrual basis. Interest expense incurred on the TOB Trust transaction and other

expenses related to remarketing, administration, trustee, liquidity and other services to a TOB Trust are shown as interest expense, fees and amortization of offering costs in the Statements of Operations. Fees paid upon creation of the TOB Trust are recorded as debt issuance costs and are amortized to interest expense, fees and amortization of offering costs in the Statements of Operations to the expected maturity of the TOB Trust. In connection with the restructurings of the TOB Trusts to non-bank sponsored TOB Trusts, a Fund incurred non-recurring, legal and restructuring fees, which are recorded as interest expense, fees and amortization of deferred offering costs in the Statements of Operations.

Amounts recorded within interest expense, fees and amortization of offering costs in the Statements of Operations are:

|     | <i>Interest Expense</i> | <i>Liquidity Fees</i> | <i>Other Expenses</i> | <i>Total</i> |
|-----|-------------------------|-----------------------|-----------------------|--------------|
| MUC | \$ 2,170,748            | \$ 850,378            | \$ 253,015            | \$ 3,274,141 |
| MUJ | 807,142                 | 260,118               | 178,593               | 1,245,853    |
| MFT | 351,327                 | 125,234               | 52,112                | 528,673      |
| MIY | 701,919                 | 246,261               | 73,022                | 1,021,202    |
| MPA | 669,570                 | 282,068               | 62,858                | 1,014,496    |

For the year ended July 31, 2018, the following table is a summary of each Fund's TOB Trusts:

|     | <i>Underlying Municipal Bonds Transferred to TOB Trusts</i> (a) | <i>Liability for TOB Trust Certificates</i> (b) | <i>Range of Interest Rates on TOB Trust Certificates at Period End</i> | <i>Average TOB Trust Outstanding</i> | <i>Daily Weighted Average Rate of Interest and Other Expenses on TOB Trusts</i> |
|-----|---|---|--|--------------------------------------|---|
| MUC | \$ 379,237,653  | \$ 185,905,192                                  | 0.90% 1.04%  | \$ 183,491,590                       | 1.78%   |
| MUJ | 115,162,792   | 62,747,370                                      | 0.94 1.14  | 66,504,033                           | 1.87  |
| MFT | 51,127,475  | 28,786,188                                      | 0.94 1.29  | 28,974,795                           | 1.82  |
| MIY | 111,935,460   | 60,002,056                                      | 0.97 1.14  | 55,446,515                           | 1.82  |
| MPA | 101,796,561   | 58,176,315                                      | 0.94 1.14  | 56,158,157                           | 1.81  |

(a) The municipal bonds transferred to a TOB Trust are generally high grade municipal bonds. In certain cases, when municipal bonds transferred are lower grade municipal bonds, the TOB Trust transaction may include a credit enhancement feature that provides for the timely payment of principal and interest on the bonds to the TOB Trust by a credit enhancement provider in the event of default of the municipal bond. The TOB Trust would be responsible for the payment of the credit enhancement fee and the funds, as TOB Residuals holders, would be responsible for reimbursement of any payments of principal and interest made by the credit enhancement provider. The maximum potential amounts owed by the funds, for such reimbursements, as applicable, are included in the maximum potential amounts disclosed for recourse TOB Trusts.

## Notes to Financial Statements (continued)

- (b) TOB Trusts may be structured on a non-recourse or recourse basis. When a fund invests in TOB Trusts on a non-recourse basis, the Liquidity Provider may be required to make a payment under the liquidity facility to allow the TOB Trust to repurchase TOB Trust Certificates. The Liquidity Provider will be reimbursed from the liquidation of bonds held in the TOB Trust. If a fund invests in a TOB Trust on a recourse basis, a fund enters into a reimbursement agreement with the Liquidity Provider where a fund is required to reimburse the Liquidity Provider for any shortfall between the amount paid by the Liquidity Provider and proceeds received from liquidation of municipal bonds held in the TOB Trust (the *Liquidation Shortfall*). As a result, if a fund invests in a recourse TOB Trust, a fund will bear the risk of loss with respect to any *Liquidation Shortfall*. If multiple funds participate in any such TOB Trust, these losses will be shared ratably, including the maximum potential amounts owed by a fund at July 31, 2018 in proportion to their participation in the TOB Trust. The recourse TOB Trusts are identified in the Schedules of Investments including the maximum potential amounts owed by a fund at July 31, 2018.

For the year ended July 31, 2018, the following table is a summary of each Fund's Loan for TOB Trust Certificates:

|     | <i>Loan Outstanding at Period End</i> | <i>Interest Rate on Loan at Period End</i> | <i>Average Loans Outstanding</i> | <i>Daily Weighted Average Rate of Interest and Other Expenses on Loans</i> |
|-----|---------------------------------------|--|----------------------------------|--|
| MUC | \$                                    | %  | \$ 40,437                        | 0.78%  |
| MFT |                                       |  | 8,442                            | 0.78   |
| MIY |                                       |  | 415,027                          | 1.45   |
| MPA |                                       |  | 22,423                           | 0.78   |

## 5. DERIVATIVE FINANCIAL INSTRUMENTS

The Funds engage in various portfolio investment strategies using derivative contracts both to increase the returns of the Funds and/or to manage their exposure to certain risks such as credit risk, equity risk, interest rate risk, foreign currency exchange rate risk, commodity price risk or other risks (e.g., inflation risk). Derivative financial instruments categorized by risk exposure are included in the Schedules of Investments. These contracts may be transacted on an exchange or over-the-counter (OTC).

**Futures Contracts:** Futures contracts are purchased or sold to gain exposure to, or manage exposure to, changes in interest rates (interest rate risk), and changes in the value of equity securities (equity risk) or foreign currencies (foreign currency exchange rate risk).

Futures contracts are agreements between the Funds and a counterparty to buy or sell a specific quantity of an underlying instrument at a specified price and on a specified date. Depending on the terms of a contract, it is settled either through physical delivery of the underlying instrument on the settlement date or by payment of a cash amount on the settlement date. Upon entering into a futures contract, the Funds are required to deposit initial margin with the broker in the form of cash or securities in an amount that varies depending on a contract's size and risk profile. The initial margin deposit must then be maintained at an established level over the life of the contract. Amounts pledged,

which are considered restricted, are included in cash pledged for futures contracts on the Statements of Assets and Liabilities.

Securities deposited as initial margin are designated in the Schedules of Investments and cash deposited, if any, is shown as cash pledged for futures contracts in the Statements of Assets and Liabilities. Pursuant to the contract, the Funds agree to receive from or pay to the broker an amount of cash equal to the daily fluctuation in market value of the contract ( variation margin ). Variation margin is recorded as unrealized appreciation (depreciation) and, if any, shown as variation margin receivable (or payable) on futures contracts in the Statements of Assets and Liabilities. When the contract is closed, a realized gain or loss is recorded in the Statements of Operations equal to the difference between the notional amount of the contract at the time it was opened and the notional amount at the time it was closed. The use of futures contracts involves the risk of an imperfect correlation in the movements in the price of futures contracts and interest, foreign currency exchange rates or underlying assets.

#### **6. INVESTMENT ADVISORY AGREEMENT AND OTHER TRANSACTIONS WITH AFFILIATES**

The PNC Financial Services Group, Inc. is the largest stockholder and an affiliate of BlackRock, Inc. ( BlackRock ) for 1940 Act purposes.

**INVESTMENT ADVISORY:** Each Fund entered into an Investment Advisory Agreement with the Manager, the Funds' investment adviser, an indirect, wholly-owned subsidiary of BlackRock, to provide investment advisory and administrative services. The Manager is responsible for the management of each Fund's portfolio and provides the personnel, facilities, equipment and certain other services necessary to the operations of each Fund.

For such services, each Fund pays the Manager a monthly fee at an annual rate equal to the following percentages of the average daily value of each Fund's net assets.

|                         | <i>MUC</i> | <i>MUJ</i> | <i>MFT</i> | <i>MIY</i> | <i>MPA</i> |
|-------------------------|------------|------------|------------|------------|------------|
| Investment advisory fee | 0.55%      | 0.50%      | 0.50%      | 0.49%      | 0.49%      |

For purposes of calculating these fees, net assets mean the total assets of each Fund minus the sum of its accrued liabilities (which does not include liabilities represented by TOB Trusts and the liquidation preference of any outstanding preferred shares). It is understood that the liquidation preference of any outstanding preferred stock (other than accumulated dividends) and TOB Trusts is not considered a liability in determining a Fund's net asset value.

**Waivers:** The Manager, for MUC, voluntarily agreed to waive its investment advisory fee on the proceeds of the Preferred Shares and TOB Trusts that exceed 35% of total assets minus the sum of its accrued liabilities (which does not include liabilities represented by TOB Trusts and the liquidation preference of any outstanding preferred shares). This amount is included in fees waived and/or reimbursed by the Manager in the Statements of Operations. For the year ended July 31, 2018, the waiver was \$550,474.

## Notes to Financial Statements (continued)

With respect to each Fund, the Manager voluntarily agreed to waive its investment advisory fees by the amount of investment advisory fees each Fund pays to the Manager indirectly through its investment in affiliated money market funds (the affiliated money market fund waiver). These amounts are included in fees waived and/or reimbursed by the Manager in the Statements of Operations. For the year ended July 31, 2018, the amounts waived were as follows:

|                | <i>MUC</i> | <i>MUJ</i> | <i>MFT</i> | <i>MIY</i> | <i>MPA</i> |
|----------------|------------|------------|------------|------------|------------|
| Amounts waived | \$ 3,478   | \$ 3,853   | \$ 565     | \$ 3,509   | \$ 448     |

The Manager contractually agreed to waive its investment advisory fee with respect to any portion of each Fund's assets invested in affiliated equity and fixed-income mutual funds and affiliated exchange-traded funds that have a contractual management fee through June 30, 2019. The agreement can be renewed for annual periods thereafter, and may be terminated on 90 days' notice, each subject to approval by a majority of the Funds' Independent Directors. For the year ended July 31, 2018, there were no fees waived by the Manager.

**Directors and Officers:** Certain Directors and/or officers of the Funds are directors and/or officers of BlackRock or its affiliates. The Funds reimburse the Manager for a portion of the compensation paid to the Funds' Chief Compliance Officer, which is included in Directors and Officer in the Statements of Operations.

## 7. PURCHASES AND SALES

For the year ended July 31, 2018, purchases and sales of investments, excluding short-term securities, were as follows:

|           | <i>MUC</i>     | <i>MUJ</i>     | <i>MFT</i>    | <i>MIY</i>    | <i>MPA</i>    |
|-----------|----------------|----------------|---------------|---------------|---------------|
| Purchases | \$ 283,165,201 | \$ 103,981,070 | \$ 62,389,052 | \$ 69,364,960 | \$ 73,284,725 |
| Sales     | 250,229,249    | 104,166,047    | 61,428,248    | 56,086,358    | 71,009,857    |

## 8. INCOME TAX INFORMATION

It is each Fund's policy to comply with the requirements of the Internal Revenue Code of 1986, as amended, applicable to regulated investment companies, and to distribute substantially all of its taxable income to its shareholders. Therefore, no U.S. federal income tax provision is required.

Each Fund files U.S. federal and various state and local tax returns. No income tax returns are currently under examination. The statute of limitations on each Fund's U.S. federal tax returns generally remains open for each of the four years ended July 31, 2018. The statutes of limitations on each Fund's state and local tax returns may remain open for an additional year depending upon the jurisdiction.

Management has analyzed tax laws and regulations and their application to the Funds as of July 31, 2018, inclusive of the open tax return years, and does not believe that there are any uncertain tax positions that require recognition of a tax liability in the Funds' financial statements.



U.S. GAAP requires that certain components of net assets be adjusted to reflect permanent differences between financial and tax reporting. These reclassifications have no effect on net assets or net asset values per share. As of period end, the following permanent differences attributable to amortization and accretion methods on fixed-income securities, non-deductible expenses, the expiration of capital loss carryforwards, distributions received from a regulated investment company and the sale of bonds received from TOB Trusts were reclassified to the following accounts:

|                                     | <i>MUC</i> | <i>MUJ</i>  | <i>MFT</i>     | <i>MIY</i> | <i>MPA</i>   |
|-------------------------------------|------------|-------------|----------------|------------|--------------|
| Paid-in capital                     | \$         | \$ (19,040) | \$ (4,616,682) | \$ (9,587) | \$ (905,041) |
| Undistributed net investment income | 126,510    | (114,959)   | (27,710)       | (161,035)  | (15,232)     |
| Accumulated net realized loss       | (126,510)  | 133,999     | 4,644,392      | 170,622    | 920,273      |

The tax character of distributions paid was as follows:

|                                  |            | <i>MUC</i>    | <i>MUJ</i>    | <i>MFT</i>   | <i>MIY</i>    | <i>MPA</i>    |
|----------------------------------|------------|---------------|---------------|--------------|---------------|---------------|
| Tax-exempt income <sup>(a)</sup> | 07/31/2018 | \$ 32,637,109 | \$ 27,091,140 | \$ 7,961,089 | \$ 25,583,566 | \$ 11,196,172 |
|                                  | 07/31/2017 | \$ 34,401,011 | \$ 28,192,536 | \$ 8,017,243 | \$ 26,448,104 | \$ 11,312,425 |
| Ordinary income <sup>(b)</sup>   | 07/31/2018 | 6,036         | 23,692        | 371          | 138,801       | 16,243        |
|                                  | 07/31/2017 |               | 59,052        |              | 45,447        |               |
| Total                            | 07/31/2018 | \$ 32,643,145 | \$ 27,114,832 | \$ 7,961,460 | \$ 25,722,367 | \$ 11,212,415 |
|                                  | 07/31/2017 | \$ 34,401,011 | \$ 28,251,588 | \$ 8,017,243 | \$ 26,493,551 | \$ 11,312,425 |

(a) The Funds designate these amounts paid during the fiscal year ended July 31, 2018, as exempt-interest dividends.

(b) Ordinary income consists primarily of taxable income recognized from market discount. Additionally, all ordinary income distributions are comprised of interest related dividends for non-U.S. residents and are eligible for exemption from U.S. withholding tax for nonresident aliens and foreign corporations.

## Notes to Financial Statements (continued)

As of period end the tax components of accumulated net earnings (losses) were as follows:

|                                       | <i>MUC</i>    | <i>MUJ</i>    | <i>MFT</i>   | <i>MIY</i>    | <i>MPA</i>   |
|---------------------------------------|---------------|---------------|--------------|---------------|--------------|
| Undistributed tax-exempt income       | \$ 1,235,832  | \$ 1,029,040  | \$ 624,712   | \$ 736,394    | \$           |
| Undistributed ordinary income         |               | 5,795         | 513          |               | 2,043        |
| Undistributed long-term capital gains | 452,298       |               |              |               |              |
| Capital loss carryforwards            |               | (715,913)     | (5,782,781)  | (1,788,344)   | (1,352,328)  |
| Net unrealized gains <sup>(a)</sup>   | 33,402,100    | 36,318,559    | 9,519,294    | 26,962,254    | 10,603,536   |
|                                       | \$ 35,090,230 | \$ 36,637,481 | \$ 4,361,738 | \$ 25,910,304 | \$ 9,253,251 |

<sup>(a)</sup> The difference between book-basis and tax-basis net unrealized gains was attributable primarily to the tax deferral of losses on wash sales and straddles, amortization methods of premiums and discounts on fixed income securities, the realization for tax purposes of unrealized gains/losses on certain futures contracts, the treatment of residual interests in TOB Trusts and the deferral of compensation to Directors.

As of period end the Funds had capital loss carryforwards available to offset future realized capital gains through the indicated expiration dates as follows:

|                                   | <i>MUJ</i> | <i>MFT</i>   | <i>MIY</i>   | <i>MPA</i>   |
|-----------------------------------|------------|--------------|--------------|--------------|
| <i>Expires July 31,</i>           |            |              |              |              |
| No expiration date <sup>(a)</sup> | \$ 715,913 | \$ 5,782,781 | \$ 1,788,344 | \$ 1,302,025 |
| 2019                              |            |              |              | 50,303       |
|                                   | \$ 715,913 | \$ 5,782,781 | \$ 1,788,344 | \$ 1,352,328 |

<sup>(a)</sup> Must be utilized prior to losses subject to expiration.

During the year ended July 31, 2018, the Funds listed below utilized the following amounts of their respective capital loss carryforward:

|                 | <i>MUJ</i>   | <i>MFT</i> | <i>MIY</i>   | <i>MPA</i>   |
|-----------------|--------------|------------|--------------|--------------|
| Amount utilized | \$ 3,414,672 | \$ 768,939 | \$ 2,670,290 | \$ 1,109,504 |

As of July 31, 2018, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

|                               | <i>MUC</i>     | <i>MUJ</i>     | <i>MFT</i>     | <i>MIY</i>     | <i>MPA</i>     |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|
| Tax cost                      | \$ 854,115,307 | \$ 658,094,477 | \$ 163,408,968 | \$ 642,589,220 | \$ 273,356,492 |
| Gross unrealized appreciation | \$ 35,770,486  | \$ 39,435,969  | \$ 9,811,045   | \$ 29,220,179  | \$ 12,645,535  |
| Gross unrealized depreciation | (2,027,266)    | (3,117,397)    | (291,751)      | (1,482,426)    | (1,861,461)    |
| Net unrealized appreciation   | \$ 33,743,220  | \$ 36,318,572  | \$ 9,519,294   | \$ 27,737,753  | \$ 10,784,074  |

The Tax Cuts and Jobs Act (the Act) was enacted on December 22, 2017. Certain provisions of the Act were effective upon enactment with the remainder becoming effective for tax years beginning after December 31, 2017. Although the Act does not amend any provisions directly related to the qualification or taxation of regulated investment companies (RICs), the Act does change the taxation of entities in which some RICs invest, the tax treatment of income derived from those entities and the taxation of RIC shareholders. While management does not anticipate significant impact to the Funds or to their shareholders, there is uncertainty in the application of certain provisions in the Act. Specifically, provisions in the Act may increase the amount of or accelerate the recognition of taxable income and may limit the deductibility of certain expenses by RICs. Until full clarity around these provisions is obtained, the impact on the Funds' financial statements, if any, cannot be fully determined.

## 9. PRINCIPAL RISKS

Many municipalities insure repayment of their bonds, which may reduce the potential for loss due to credit risk. The market value of these bonds may fluctuate for other reasons, including market perception of the value of such insurance, and there is no guarantee that the insurer will meet its obligation.

Inventories of municipal bonds held by brokers and dealers may decrease, which would lessen their ability to make a market in these securities. Such a reduction in market making capacity could potentially decrease a Fund's ability to buy or sell bonds. As a result, a Fund may sell a security at a lower price, sell other securities to raise cash, or give up an investment opportunity, any of which could have a negative impact on performance. If a Fund needed to sell large blocks of bonds, those sales could further reduce the bonds' prices and impact performance.

In the normal course of business, certain Funds invest in securities or other instruments and may enter into certain transactions, and such activities subject each Fund to various risks, including among others, fluctuations in the market (market risk) or failure of an issuer to meet all of its obligations. The value of securities or other instruments may also be affected by various factors, including, without limitation: (i) the general economy; (ii) the overall market as well as local, regional or global political and/or social instability; (iii) regulation, taxation or international tax treaties between various countries; or (iv) currency, interest rate and price fluctuations.

Each Fund may be exposed to prepayment risk, which is the risk that borrowers may exercise their option to prepay principal earlier than scheduled during periods of declining interest rates, which would force each Fund to reinvest in lower yielding securities. Each Fund may also be exposed to reinvestment risk, which is the risk that income from each Fund's portfolio will decline if each Fund invests the proceeds from matured, traded or called fixed-income securities at market interest rates that are below each Fund portfolio's current earnings rate.

## Notes to Financial Statements (continued)

The Funds may hold a significant amount of bonds subject to calls by the issuers at defined dates and prices. When bonds are called by issuers and the Funds reinvest the proceeds received, such investments may be in securities with lower yields than the bonds originally held, and correspondingly, could adversely impact the yield and total return performance of a Fund.

A Fund structures and sponsors the TOB Trusts in which it holds TOB Residuals and has certain duties and responsibilities, which may give rise to certain additional risks including, but not limited to, compliance, securities law and operational risks.

Should short-term interest rates rise, the Funds' investments in the TOB Trusts may adversely affect the Funds' net investment income and dividends to Common Shareholders. Also, fluctuations in the market value of municipal bonds deposited into the TOB Trust may adversely affect the Funds' NAVs per share.

The SEC and various federal banking and housing agencies have adopted credit risk retention rules for securitizations (the Risk Retention Rules). The Risk Retention Rules would require the sponsor of a TOB Trust to retain at least 5% of the credit risk of the underlying assets supporting the TOB Trust's municipal bonds. The Risk Retention Rules may adversely affect the Funds' ability to engage in TOB Trust transactions or increase the costs of such transactions in certain circumstances.

TOB Trusts constitute an important component of the municipal bond market. Any modifications or changes to rules governing TOB Trusts may adversely impact the municipal market and the Funds, including through reduced demand for and liquidity of municipal bonds and increased financing costs for municipal issuers. The ultimate impact of any potential modifications on the TOB Trust market and the overall municipal market is not yet certain.

**Counterparty Credit Risk:** The Funds may be exposed to counterparty credit risk, or the risk that an entity may fail to or be unable to perform on its commitments related to unsettled or open transactions. The Funds manage counterparty credit risk by entering into transactions only with counterparties that the Manager believes have the financial resources to honor their obligations and by monitoring the financial stability of those counterparties. Financial assets, which potentially expose the Funds to market, issuer and counterparty credit risks, consist principally of financial instruments and receivables due from counterparties. The extent of the Funds' exposure to market, issuer and counterparty credit risks with respect to these financial assets is approximately their value recorded in the Statements of Assets and Liabilities, less any collateral held by the Funds.

A derivative contract may suffer a mark-to-market loss if the value of the contract decreases due to an unfavorable change in the market rates or values of the underlying instrument. Losses can also occur if the counterparty does not perform under the contract.

With exchange-traded futures, there is less counterparty credit risk to the Funds since the exchange or clearinghouse, as counterparty to such instruments, guarantees against a possible default. The clearinghouse stands between the buyer and the seller of the contract; therefore, credit risk is limited to failure of the clearinghouse. While offset rights may exist under applicable law, a Fund does not have a contractual right of offset against a clearing broker or clearinghouse in the event of a default (including the bankruptcy or insolvency). Additionally, credit risk exists in exchange-traded futures with respect to initial and variation margin that is held in a clearing broker's customer accounts. While clearing brokers are required to segregate customer margin from their own assets, in the event that a clearing broker becomes insolvent or goes into bankruptcy and at that time there is a shortfall in the aggregate amount of margin held by the clearing broker for all its clients, typically the shortfall would be allocated on a pro rata basis

across all the clearing broker's customers, potentially resulting in losses to the Funds.

**Concentration Risk:** Each of MUC, MUJ, MIY and MPA invests a substantial amount of its assets in issuers located in a single state or limited number of states. This may subject each Fund to the risk that economic, political or social issues impacting a particular state or group of states could have an adverse and disproportionate impact on the income from, or the value or liquidity of, the Funds' respective portfolios. Investment percentages in specific states or U.S. territories are presented in the Schedules of Investments.

As of period end, MUC invested a significant portion of its assets in securities in the county, city, special district and school district sector, MUJ and MFT invested a significant portion of their assets in securities in the transportation sector and MIY invested a significant portion of its assets in securities in the health sector. Changes in economic conditions affecting such sectors would have a greater impact on the Funds and could affect the value, income and/or liquidity of positions in such securities.

Certain Funds invest a significant portion of their assets in fixed-income securities and/or use derivatives tied to the fixed-income markets. Changes in market interest rates or economic conditions may affect the value and/or liquidity of such investments. Interest rate risk is the risk that prices of bonds and other fixed-income securities will increase as interest rates fall and decrease as interest rates rise.

## ***10. CAPITAL SHARE TRANSACTIONS***

### **Common Shares**

MFT and MPA each is authorized to issue an unlimited number of Common Shares and 1 million Preferred Shares, all of which were initially classified as Common Shares. MUC, MUJ and MIY each is authorized to issue 200 million shares, all of which were initially classified as Common Shares. The par value for each Fund's Common Shares is \$0.10. The par value for each Fund's Preferred Shares outstanding is \$0.10, except for MFT and MPA, which is \$0.05. The Board is authorized, however, to reclassify any unissued Common Shares to Preferred Shares without the approval of Common Shareholders.

For the years ended July 31, 2018, and July 31, 2017, shares issued and outstanding increased by 1,844 and 2,005, respectively, for MFT as a result of dividend reinvestment.

For the years ended July 31, 2018 and July 31, 2017, shares issued and outstanding remained constant for MUC, MUJ, MIY and MPA.

## Notes to Financial Statements (continued)

**Preferred Shares**

Each Fund's Preferred Shares rank prior to the Fund's Common Shares as to the payment of dividends by the Fund and distribution of assets upon dissolution or liquidation of a Fund. The 1940 Act prohibits the declaration of any dividend on a Fund's Common Shares or the repurchase of a Fund's Common Shares if a Fund fails to maintain asset coverage of at least 200% of the liquidation preference of the Fund's outstanding Preferred Shares. In addition, pursuant to the Preferred Shares governing instruments, a Fund is restricted from declaring and paying dividends on classes of shares ranking junior to or on parity with the Fund's Preferred Shares or repurchasing such shares if a Fund fails to declare and pay dividends on the Preferred Shares, redeem any Preferred Shares required to be redeemed under the Preferred Shares governing instruments or comply with the basic maintenance amount requirement of the ratings agencies rating the Preferred Shares.

The holders of Preferred Shares have voting rights equal to the voting rights of the holders of Common Shares (one vote per share) and will vote together with holders of Common Shares (one vote per share) as a single class on certain matters. However, the holders of Preferred Shares, voting as a separate class, are also entitled to elect two Directors to the Board of each Fund. The holders of Preferred Shares are also entitled to elect the full Board of Directors if dividends on the Preferred Shares are not paid for a period of two years. The holders of Preferred Shares are also generally entitled to a separate class vote to amend the Preferred Share governing documents. In addition, the 1940 Act requires the approval of the holders of a majority of any outstanding Preferred Shares, voting as a separate class, to (a) adopt any plan of reorganization that would adversely affect the Preferred Shares, (b) change a Fund's sub-classification as a closed-end investment company or change its fundamental investment restrictions or (c) change its business so as to cease to be an investment company.

**VRDP Shares**

MUJ, MIY and MPA (collectively, the VRDP Funds) have issued Series W-7 VRDP Shares, \$100,000 liquidation preference per share, in privately negotiated offerings. The VRDP Shares were offered to qualified institutional buyers as defined pursuant to Rule 144A under the Securities Act of 1933, as amended (the Securities Act). The VRDP Shares include a liquidity feature and are currently in a special rate period, each as described below.

As of period end, the VRDP Shares outstanding of each Fund were as follows:

|     | <i>Issue Date</i> | <i>Shares Issued</i> | <i>Aggregate Principal</i> | <i>Maturity Date</i> |
|-----|-------------------|----------------------|----------------------------|----------------------|
| MUJ | 06/30/11          | 1,727                | \$ 172,700,000             | 07/01/41             |
|     | 04/13/15          | 644                  | 64,400,000                 | 07/01/41             |
| MIY | 04/21/11          | 1,446                | 144,600,000                | 05/01/41             |
|     | 09/14/15          | 873                  | 87,300,000                 | 05/01/41             |
| MPA | 05/19/11          | 663                  | 66,300,000                 | 06/01/41             |
|     | 04/13/15          | 163                  | 16,300,000                 | 06/01/41             |

**Redemption Terms:** Each VRDP Fund is required to redeem its VRDP Shares on the maturity date, unless earlier redeemed or repurchased. Six months prior to the maturity date, each VRDP Fund is required to begin to segregate liquid assets with the Fund's custodian to fund the redemption. In addition, each VRDP Fund is required to redeem certain of its outstanding VRDP Shares if it fails to comply with certain asset coverage, basic maintenance amount or

leverage requirements.

Subject to certain conditions, the VRDP Shares may also be redeemed, in whole or in part, at any time at the option of each VRDP Fund. The redemption price per VRDP Share is equal to the liquidation preference per share plus any outstanding unpaid dividends.

**Liquidity Feature:** Each VRDP Fund entered into a fee agreement with the liquidity provider that requires an initial commitment and a per annum liquidity fee payable to the liquidity provider. These fees, if applicable, are shown as liquidity fees in the Statements of Operations.

The initial fee agreement between each VRDP Fund and its respective liquidity provider was for a 364 day term and was scheduled to expire on June 29, 2012 for MUJ, on April 20, 2012 for MIY, and on May 18, 2012 for MPA. Each fee agreement was subsequently renewed for additional terms. The most recent extension is scheduled to expire on April 15, 2020 for MUJ, and on July 4, 2019 for each of MIY and MPA, unless renewed or terminated in advance.

In the event a fee agreement is not renewed or is terminated in advance, and the VRDP Fund does not enter into a fee agreement with an alternate liquidity provider, the VRDP Shares of such VRDP fund will be subject to mandatory purchase by the liquidity provider prior to the termination of the fee agreement. In the event of such mandatory purchase, the VRDP Fund is required to redeem the VRDP Shares six months after the purchase date. Immediately after such mandatory purchase, the VRDP Fund is required to begin to segregate liquid assets with its custodian to fund the redemption. There is no assurance the VRDP Fund will replace such redeemed VRDP Shares with any other preferred shares or other form of leverage.

**Remarketing:** The VRDP Funds may incur remarketing fees of 0.10% on the aggregate principal amount of all the Fund's VRDP Shares, which, if any, are included in remarketing fees on Preferred Shares in the Statements of Operations. During any special rate period (as described below), each VRDP Fund may incur no remarketing fees.

**Dividends:** Dividends on the VRDP Shares are payable monthly at a variable rate set weekly by the remarketing agent. Such dividend rates are generally based upon a spread over a base rate and cannot exceed a maximum rate. In the event of a failed remarketing, the dividend rate of the VRDP Shares will be reset to a maximum rate. The maximum rate is determined based on, among other things, the long-term preferred share rating assigned to the VRDP Shares and the length of time that the VRDP Shares fail to be remarketed. At the date of issuance, the VRDP Shares were assigned long-term ratings of Aaa from Moody's and AAA from Fitch. Subsequent to the issuance of the VRDP Shares, Moody's completed a review of its methodology for rating securities issued by registered closed-end funds. As of period end, the VRDP Shares were assigned a long-term rating of Aa2 from Moody's under its new ratings methodology. The VRDP Shares continue to be assigned a long-term rating of AAA from Fitch.

## Notes to Financial Statements (continued)

For the year ended July 31, 2018, the annualized dividend rates for the VRDP Shares were as follows:

|      | MUJ   | MIY   | MPA   |
|------|-------|-------|-------|
| Rate | 2.03% | 2.02% | 2.02% |

**Ratings:** The short-term ratings on the VRDP Shares are directly related to the short-term ratings of the liquidity provider for such VRDP Shares. Changes in the credit quality of the liquidity provider could cause a change in the short-term credit ratings of the VRDP Shares as rated by Moody's, Fitch and/or S&P. A change in the short-term credit rating of the liquidity provider or the VRDP Shares may adversely affect the dividend rate paid on such shares, although the dividend rate paid on the VRDP Shares is not directly based upon either short-term rating. The liquidity provider may be terminated prior to the scheduled termination date if the liquidity provider fails to maintain short-term debt ratings in one of the two highest rating categories.

**Special Rate Period:** On June 21, 2012, MIY and MPA commenced a three-year special rate period ending June 24, 2015 with respect to their VRDP Shares, during which the VRDP Shares were not subject to any remarketing and the dividend rate was based on a predetermined methodology. The special rate period has been subsequently extended and is currently set to expire on June 19, 2019. Prior to June 19, 2019, the holder of the VRDP Shares and MIY and MPA may mutually agree to extend the special rate period. If the special rate period is not extended, the VRDP Shares will revert to remarketable securities upon the termination of the special rate period and will be remarketed and available for purchase by qualified institutional investors.

On April 17, 2014, MUJ commenced a three-year special rate period ending April 19, 2017 with respect to its VRDP Shares, during which the VRDP Shares were not subject to any remarketing and the dividend rate was based on a predetermined methodology. The special rate period has been subsequently extended to April 15, 2020. Prior to April 15, 2020, the holder of the VRDP Shares and MUJ may mutually agree to extend the special rate period. If the special rate period is not extended, the VRDP Shares will revert to remarketable securities upon the termination of the special rate period and will be remarketed and available for purchase by qualified institutional investors.

During the special rate period, the liquidity and fee agreements remain in effect and the VRDP Shares remain subject to mandatory redemption on the maturity date. The VRDP Shares will not be remarketed or subject to optional or mandatory tender events during the special rate period. During the special rate period, MIY, MPA and MUJ are required to comply with the same asset coverage, basic maintenance amount and leverage requirements for the VRDP Shares as is required when the VRDP Shares are not in a special rate period. MUJ will pay a nominal fee at the annual rate of 0.01% to the liquidity provider and remarketing agent during the special rate period. MIY and MPA will not pay any fees to the liquidity provider and remarketing agent during the special rate period. MIY, MPA and MUJ will also pay dividends monthly based on the sum of the Securities Industry and Financial Markets Association (SIFMA) Municipal Swap Index rate and a percentage per annum based on the long-term ratings assigned to the VRDP Shares.

If the VRDP Funds redeem the VRDP Shares prior to end of the special rate period and the VRDP Shares have long-term ratings above A1/A+ and its equivalent by all ratings agencies then rating the VRDP Shares, then such redemption may be subject to a redemption premium payable to the holder of the VRDP Shares based on the time remaining in the special rate period, subject to certain exceptions for redemptions that are required to comply with minimum asset coverage requirements.

For the year ended July 31, 2018, VRDP Shares issued and outstanding of the VRDP Funds remained constant.



**VMTP Shares**

MUC and MFT (collectively, the VMTP Funds ) have issued Series W-7 VMTP Shares, \$100,000 liquidation preference per share, in privately negotiated offerings and sales of VMTP Shares exempt from registration under the Securities Act. The VMTP Shares are subject to certain restrictions on transfer, and VMTP Funds may also be required to register the VMTP Shares for sale under the Securities Act under certain circumstances. In addition, amendments to the VMTP governing documents generally require the consent of the holders of VMTP Shares.

As of period end, the VMTP Shares outstanding of each Fund were as follows:

|     | <i>Issue Date</i> | <i>Shares Issued</i> | <i>Aggregate Principal</i> | <i>Maturity Date</i> |
|-----|-------------------|----------------------|----------------------------|----------------------|
| MUC | 03/22/12          | 2,540                | \$ 254,000,000             | 03/30/19             |
| MFT | 12/16/11          | 565                  | 56,500,000                 | 07/02/19             |

**Redemption Terms:** Each VMTP Fund is required to redeem its VMTP Shares on the term redemption date, unless earlier redeemed or repurchased or unless extended. In May 2018, the term redemption date for MFT was extended to July 2, 2019. There is no assurance that the term of a Fund's VMTP Shares will be extended further or that a Fund's VMTP Shares will be replaced with any other preferred shares or other form of leverage upon the redemption or repurchase of the VMTP Shares. Six months prior to the term redemption date, each VMTP Fund is required to begin to segregate liquid assets with the Funds' custodian to fund the redemption. In addition, each VMTP Fund is required to redeem certain of its outstanding VMTP Shares if it fails to comply with certain asset coverage, basic maintenance amount or leverage requirements.

Subject to certain conditions, a Fund's VMTP Shares may be redeemed, in whole or in part, at any time at the option of each VMTP Fund. The redemption price per VMTP Share is equal to the liquidation preference per share plus any outstanding unpaid dividends and applicable redemption premium. If the VMTP Fund redeems the VMTP Shares prior to the term redemption date and the VMTP Shares have long-term ratings above A1/A+ or its equivalent by the ratings agencies then rating the VMTP Shares, then such redemption may be subject to a prescribed redemption premium (up to 3% of the liquidation preference) payable to the holder of the VMTP Shares based on the time remaining until the term redemption date, subject to certain exceptions for redemptions that are required to comply with minimum asset coverage requirements.

## Notes to Financial Statements (continued)

**Dividends:** Dividends on the VMTP Shares are declared daily and payable monthly at a variable rate set weekly at a fixed rate spread to the SIFMA Municipal Swap Index. The fixed spread is determined based on the long-term preferred share rating assigned to the VMTP Shares by the ratings agencies then rating the VMTP Shares. At the date of issuance, the VMTP Shares were assigned long-term ratings of Aaa from Moody's and AAA from Fitch. Subsequent to the issuance of the VMTP Shares, Moody's completed a review of its methodology for rating securities issued by registered closed-end funds. As of period end, the VMTP Shares were assigned a long-term rating of Aa1 for MFT and Aa2 for MUC from Moody's under its new rating methodology. The VMTP Shares continue to be assigned a long-term rating of AAA from Fitch. The dividend rate on the VMTP Shares is subject to a step-up spread if the Funds fail to comply with certain provisions, including, among other things, the timely payment of dividends, redemptions or gross-up payments, and complying with certain asset coverage and leverage requirements.

For the year ended July 31, 2018, the annualized dividend rates for the VMTP Shares were as follows:

| Rate | MUC   | MFT   |
|------|-------|-------|
|      | 2.07% | 2.15% |

For the year ended July 31, 2018, VMTP Shares issued and outstanding of each VMTP Fund remained constant.

**Offering Costs:** The Funds incurred costs in connection with the issuance of VRDP and VMTP Shares, which were recorded as a direct deduction from the carrying value of the related debt liability and will be amortized over the life of the VRDP Shares with the exception of upfront fees paid to the liquidity provider which were amortized over the life of the liquidity agreement. Amortization of these costs is included in interest expense, fees and amortization of offering costs in the Statements of Operations.

**Financial Reporting:** The VRDP and VMTP Shares are considered debt of the issuer; therefore, the liquidation preference, which approximates fair value of the VRDP and VMTP Shares, is recorded as a liability in the Statements of Assets and Liabilities net of deferred offering costs. Unpaid dividends are included in interest expense and fees payable in the Statements of Assets and Liabilities, and the dividends accrued and paid on the VRDP and VMTP Shares are included as a component of interest expense, fees and amortization of offering costs in the Statements of Operations. The VRDP and VMTP Shares are treated as equity for tax purposes. Dividends paid to holders of the VRDP and VMTP Shares are generally classified as tax-exempt income for tax-reporting purposes. Dividends and amortization of deferred offering costs on VRDP and VMTP Shares are included in interest expense, fees and amortization of offering costs in the Statements of Operations:

|     | <i>Dividends</i> | <i>Deferred<br/>Offering Costs</i> |
|-----|------------------|------------------------------------|
|     | <i>Accrued</i>   | <i>Amortization</i>                |
| MUC | \$ 5,253,486     | \$                                 |
| MUJ | 4,810,679        | 19,041                             |
| MFT | 1,213,790        |                                    |
| MIY | 4,694,644        | 9,587                              |

|     |           |        |
|-----|-----------|--------|
| MPA | 1,669,866 | 11,133 |
|-----|-----------|--------|

**11. SUBSEQUENT EVENTS**

Management's evaluation of the impact of all subsequent events on the Funds' financial statements was completed through the date the financial statements were issued and the following items were noted:

|     | Common Dividend            |                                | Preferred Shares <sup>(c)</sup> |        |            |
|-----|----------------------------|--------------------------------|---------------------------------|--------|------------|
|     | Per Share                  |                                | Shares                          | Series | Declared   |
|     | <i>Paid</i> <sup>(a)</sup> | <i>Declared</i> <sup>(b)</sup> |                                 |        |            |
| MUC | \$ 0.0475                  | \$ 0.0475                      | VMTP                            | W-7    | \$ 513,637 |
| MUJ | 0.0525                     | 0.0525                         | VRDP                            | W-7    | 518,957    |
| MFT | 0.0590                     | 0.0590                         | VMTP                            | W-7    | 118,093    |
| MIY | 0.0520                     | 0.0520                         | VRDP                            | W-7    | 506,495    |
| MPA | 0.0555                     | 0.0555                         | VRDP                            | W-7    | 180,407    |

(a) Net investment income dividend paid on September 4, 2018 to Common Shareholders of record on August 15, 2018.

(b) Net investment income dividend declared on September 4, 2018, payable to Common Shareholders of record on September 14, 2018.

(c) Dividends declared for period August 1, 2018 to August 31, 2018.

Report of Independent Registered Public Accounting Firm

To the Shareholders and Board of Directors of BlackRock MuniHoldings California Quality Fund, Inc., BlackRock MuniHoldings New Jersey Quality Fund, Inc., BlackRock MuniYield Investment Quality Fund, BlackRock MuniYield Michigan Quality Fund, Inc., and BlackRock MuniYield Pennsylvania Quality Fund:

**Opinion on the Financial Statements and Financial Highlights**

We have audited the accompanying statements of assets and liabilities of BlackRock MuniHoldings California Quality Fund, Inc., BlackRock MuniHoldings New Jersey Quality Fund, Inc., BlackRock MuniYield Investment Quality Fund, BlackRock MuniYield Michigan Quality Fund, Inc., and BlackRock MuniYield Pennsylvania Quality Fund (the Funds ), including the schedules of investments, as of July 31, 2018, the related statements of operations and cash flows for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, the financial highlights for each of the five years in the period then ended, and the related notes. In our opinion, the financial statements and financial highlights present fairly, in all material respects, the financial position of the Funds as of July 31, 2018, and the results of their operations and their cash flows for the year then ended, the changes in their net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended, in conformity with accounting principles generally accepted in the United States of America.

**Basis for Opinion**

These financial statements and financial highlights are the responsibility of the Funds' management. Our responsibility is to express an opinion on the Funds' financial statements and financial highlights based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Funds in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement, whether due to error or fraud. The Funds are not required to have, nor were we engaged to perform, an audit of their internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Funds' internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements and financial highlights, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements and financial highlights. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements and financial highlights. Our procedures included confirmation of securities owned as of July 31, 2018, by correspondence with the custodian and brokers; when replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

Deloitte & Touche LLP

Boston, Massachusetts

September 20, 2018

We have served as the auditor of one or more BlackRock investment companies since 1992.

REPORT TO SHAREHOLDERS

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## Disclosure of Investment Advisory Agreements

The Board of Directors (the Board, the members of which are referred to as Board Members) of BlackRock MuniHoldings California Quality Fund, Inc. (MUC), BlackRock New Jersey Quality Fund (MUJ), BlackRock MuniYield Investment Quality Fund (MFT), BlackRock MuniYield Michigan Quality Fund, Inc. (MIY) and BlackRock MuniYield Pennsylvania Quality Fund (MPA) and together with MUC, MUJ, MFT and MIY, each a Fund, and, collectively, the Funds) met in person on April 24, 2018 (the April Meeting) and June 6-7, 2018 (the June Meeting) to consider the approval of each Fund's investment advisory agreement (each, an Agreement, and collectively, the Agreements) with BlackRock Advisors, LLC (the Manager), each Fund's investment advisor. The Manager is referred to herein as BlackRock.

### Activities and Composition of the Board

On the date of the June Meeting, the Board of each Fund consisted of ten individuals, eight of whom were not interested persons of the Fund as defined in the Investment Company Act of 1940, as amended (the 1940 Act) (the Independent Board Members). The Board Members are responsible for the oversight of the operations of its Fund and perform the various duties imposed on the directors of investment companies by the 1940 Act. The Independent Board Members have retained independent legal counsel to assist them in connection with their duties. The Chair of each Board is an Independent Board Member. Each Board has established five standing committees: an Audit Committee, a Governance and Nominating Committee, a Compliance Committee, a Performance Oversight Committee, and an Executive Committee, each of which is chaired by an Independent Board Member and composed of Independent Board Members (except for the Executive Committee, which also has one interested Board Member).

### The Agreements

Pursuant to the 1940 Act, each Board is required to consider the continuation of the Agreement for its Fund on an annual basis. Each Board has four quarterly meetings per year, each typically extending for two days, and additional in-person and telephonic meetings throughout the year, as needed. Each Board also has a fifth one-day meeting to consider specific information surrounding the consideration of renewing the Agreement for its Fund. Each Board's consideration of the Agreement for its Fund is a year-long deliberative process, during which the Board assessed, among other things, the nature, extent and quality of the services provided to its Fund by BlackRock, BlackRock's personnel and affiliates, including, as applicable; investment management, accounting, administrative, and shareholder services; oversight of the Fund's service providers; marketing; risk management and oversight; legal and compliance services; and ability to meet applicable legal and regulatory requirements.

Each Board, acting directly and through its committees, considers at each of its meetings, and from time to time as appropriate, factors that are relevant to its annual consideration of the renewal of the Agreement for its Fund, including the services and support provided by BlackRock to the Fund and its shareholders. BlackRock also furnished additional information to each Board in response to specific questions from the Board. This additional information is discussed further below in the section titled Board Considerations in Approving the Agreements. Among the matters each Board considered were: (a) investment performance for one-year, three-year, five-year, ten-year, and/or since inception periods, as applicable, against peer funds, applicable benchmarks, and performance metrics, as applicable, as well as senior management's and portfolio managers' analysis of the reasons for any over-performance or underperformance relative to its peers, benchmarks, and other performance metrics, as applicable; (b) leverage management, as applicable; (c) fees, including advisory, administration, if applicable, paid to BlackRock and its affiliates by the Fund for services; (d) Fund operating expenses and how BlackRock allocates expenses to the Fund; (e) the resources devoted to, risk oversight of, and compliance reports relating to, implementation of the Fund's investment objective(s), policies and restrictions, and meeting regulatory requirements; (f) the Fund's adherence to its

compliance policies and procedures; (g) the nature, character and scope of non-investment management services provided by BlackRock and its affiliates and the estimated cost of such services; (h) BlackRock's and other service providers' internal controls and risk and compliance oversight mechanisms; (i) BlackRock's implementation of the proxy voting policies approved by the Board; (j) execution quality of portfolio transactions; (k) BlackRock's implementation of the Fund's valuation and liquidity procedures; (l) an analysis of management fees for products with similar investment mandates across the open-end fund, closed-end fund, sub-advised mutual fund, collective investment trust, and institutional separate account product channels, as applicable, and the similarities and differences between these products and the services provided as compared to the Fund; (m) BlackRock's compensation methodology for its investment professionals and the incentives and accountability it creates, along with investment professionals' investments in the fund(s) they manage; and (n) periodic updates on BlackRock's business.

Each Board considered BlackRock's efforts during the past several years with regard to the redemption of outstanding auction rate preferred securities. Each Fund has redeemed all of its outstanding auction rate preferred securities.

### **Board Considerations in Approving the Agreements**

**The Approval Process:** Prior to the April Meeting, each Board requested and received materials specifically relating to the Agreement for its Fund. Each Board is continuously engaged in a process with its independent legal counsel and BlackRock to review the nature and scope of the information provided to better assist its deliberations. The materials provided in connection with the April Meeting included, among other things: (a) information independently compiled and prepared by Broadridge Financial Solutions, Inc. (Broadridge), based on Lipper classifications, regarding the Funds' fees and expenses as compared with a peer group of funds as determined by Broadridge (Expense Peers) and the investment performance of the Funds as compared with a peer group of funds (Performance Peers) and other metrics, as applicable; (b) information on the composition of the Expense Peers and Performance Peers, and a description of the Broadridge's methodology; (c) information on the estimated profits realized by BlackRock and its affiliates pursuant to each Fund's Agreement and a discussion of fall-out benefits to BlackRock and its affiliates; (d) a general analysis provided by BlackRock concerning investment management fees received in connection with other types of investment products, such as institutional accounts, sub-advised mutual funds, closed-end funds, and open-end funds, under similar investment mandates, as applicable; (e) review of non-management fees; (f) the existence and impact and sharing of potential economies of scale, if any, and the sharing of potential economies of scale with each Fund; (g) a summary of aggregate amounts paid by each Fund to BlackRock; and (h) various additional information requested by each Board as appropriate regarding BlackRock's and the operations of its Fund.

Disclosure of Investment Advisory Agreements (continued)

At the April Meeting, each Board reviewed materials relating to its consideration of the Agreement for its Fund. As a result of the discussions that occurred during the April Meeting, and as a culmination of each Board's year-long deliberative process, each Board presented BlackRock with questions and requests for additional information. BlackRock responded to these requests with additional written information in advance of the June Meeting.

At the June Meeting, each Board considered, among other things: (a) the nature, extent and quality of the services provided by BlackRock; (b) the investment performance of the Fund as compared with Performance Peers and other metrics, as applicable; (c) the advisory fee and the estimated cost of the services and estimated profits realized by BlackRock and its affiliates from their relationship with the Fund; (d) the Fund's fees and expenses compared to Expense Peers; (e) the sharing of potential economies of scale; (f) fall-out benefits to BlackRock and its affiliates as a result of BlackRock's relationship with the Fund; and (g) other factors deemed relevant by the Board Members.

Each Board also considered other matters it deemed important to the approval process, such as other payments made to BlackRock or its affiliates relating to securities lending and cash management, services related to the valuation and pricing of Fund portfolio holdings, and advice from independent legal counsel with respect to the review process and materials submitted for the Board's review. Each Board noted the willingness of BlackRock personnel to engage in open, candid discussions with the Board. Each Board did not identify any particular information as determinative, and each Board Member may have attributed different weights to the various items considered.

**A. Nature, Extent and Quality of the Services Provided by BlackRock:** Each Board, including the Independent Board Members, reviewed the nature, extent and quality of services provided by BlackRock, including the investment advisory services and the resulting performance of its Fund. Throughout the year, each Board compared its Fund's performance to the performance of a comparable group of closed-end funds, relevant benchmark, and performance metrics, as applicable. Each Board met with BlackRock's senior management personnel responsible for investment activities, including the senior investment officers. Each Board also reviewed the materials provided by its Fund's portfolio management team discussing the Fund's performance and the Fund's investment objective(s), strategies and outlook.

Each Board considered, among other factors, with respect to BlackRock: the number, education and experience of investment personnel generally and its Fund's portfolio management team; BlackRock's research capabilities; investments by portfolio managers in the funds they manage; portfolio trading capabilities; use of technology; commitment to compliance; credit analysis capabilities; risk analysis and oversight capabilities; and the approach to training and retaining portfolio managers and other research, advisory and management personnel. Each Board also considered BlackRock's overall risk management program, including the continued efforts of BlackRock and its affiliates to address cybersecurity risks and the role of BlackRock's Risk & Quantitative Analysis Group. Each Board engaged in a review of BlackRock's compensation structure with respect to its Fund's portfolio management team and BlackRock's ability to attract and retain high-quality talent and create performance incentives.

In addition to investment advisory services, each Board considered the quality of the administrative and other non-investment advisory services provided to its Fund. BlackRock and its affiliates provide each Fund with certain administrative, shareholder, and other services (in addition to any such services provided to its Fund by third parties) and officers and other personnel as are necessary for the operations of the Fund. In particular, BlackRock and its affiliates provide each Fund with administrative services including, among others: (i) responsibility for disclosure documents, such as the prospectus and the statement of additional information in connection with the initial public offering and periodic shareholder reports; (ii) preparing communications with analysts to support secondary market trading of the Fund; (iii) oversight of daily accounting and pricing; (iv) responsibility for periodic filings with



regulators and stock exchanges; (v) overseeing and coordinating the activities of other service providers including, among others, the Fund's custodian, fund accountant, transfer agent, and auditor; (vi) organizing Board meetings and preparing the materials for such Board meetings; (vii) providing legal and compliance support; (viii) furnishing analytical and other support to assist the Board in its consideration of strategic issues such as the merger, consolidation or repurposing of certain closed-end funds; and (ix) performing administrative functions necessary for the operation of the Fund, such as tax reporting, expense management, fulfilling regulatory filing requirements, and shareholder call center and other services. The Board reviewed the structure and duties of BlackRock's fund administration, shareholder services, and legal & compliance departments and considered BlackRock's policies and procedures for assuring compliance with applicable laws and regulations.

**B. The Investment Performance of the Funds and BlackRock:** Each Board, including the Independent Board Members, also reviewed and considered the performance history of its Fund. In preparation for the April Meeting, each Board was provided with reports independently prepared by Broadridge, which included a comprehensive analysis of its Fund's performance as of December 31, 2017. The performance information is based on net asset value (NAV), and utilizes Lipper data. Lipper's methodology calculates a fund's total return assuming distributions are reinvested on the ex-date at a fund's ex-date NAV. Broadridge ranks funds in quartiles, ranging from first to fourth, where first is the most desirable quartile position and fourth is the least desirable. In connection with its review, each Board received and reviewed information regarding the investment performance of its Fund as compared to its Performance Peers and a custom peer group of funds as defined by BlackRock ( Customized Peer Group ). Each Board and its Performance Oversight Committee regularly review, and meet with Fund management to discuss, the performance of the Fund throughout the year.

In evaluating performance, each Board recognized that the performance data reflects a snapshot of a period as of a particular date and that selecting a different performance period could produce significantly different results. Further, each Board recognized that it is possible that long-term performance can be impacted by even one period of significant outperformance or underperformance, so that a single investment theme has the ability to affect long-term performance disproportionately.

The Board of each of MUC, MFT and MIY noted that for each of the one-, three- and five-year periods reported, its Fund ranked first out of two funds against its Customized Peer Group Composite. BlackRock believes that the Customized Peer Group Composite is an appropriate performance metric for each respective Fund. The Composite measures a blend of total return and yield.

The Board of MUJ noted that for each of the one-, three- and five-year periods reported, MUJ ranked first out of three funds against its Customized Peer Group Composite. BlackRock believes that the Customized Peer Group Composite is an appropriate performance metric for MUJ. The Composite measures a blend of total return and yield.

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Disclosure of Investment Advisory Agreements (continued)

The Board of MPA noted that for each of the one-, three- and five-year periods reported, MPA ranked first out of four funds against its Customized Peer Group Composite. BlackRock believes that the Customized Peer Group Composite is an appropriate performance metric for MPA. The Composite measures a blend of total return and yield.

**C. Consideration of the Advisory/Management Fees and the Estimated Cost of the Services and Estimated Profits Realized by BlackRock and its Affiliates from their Relationship with the Funds:** Each Board, including the Independent Board Members, reviewed its Fund's contractual management fee rate compared with those of its Expense Peers. The contractual management fee rate represents a combination of the advisory fee and any administrative fees, before taking into account any reimbursements or fee waivers. Each Board also compared its Fund's total expense ratio, as well as its actual management fee rate as a percentage of total assets, to those of its Expense Peers. The total expense ratio represents a fund's total net operating expenses, excluding any investment related expenses. The total expense ratio gives effect to any expense reimbursements or fee waivers that benefit a fund, and the actual management fee rate gives effect to any management fee reimbursements or waivers that benefit a fund. Each Board considered the services provided and the fees charged by BlackRock and its affiliates to other types of clients with similar investment mandates, as applicable, including institutional accounts and sub-advised mutual funds (including mutual funds sponsored by third parties).

Each Board received and reviewed statements relating to BlackRock's financial condition. Each Board reviewed BlackRock's profitability methodology and was also provided with an estimated profitability analysis that detailed the revenues earned and the expenses incurred by BlackRock for services provided to its Fund. Each Board reviewed BlackRock's estimated profitability with respect to its Fund and other funds the Board currently oversees for the year ended December 31, 2017 compared to available aggregate estimated profitability data provided for the prior two years. Each Board reviewed BlackRock's estimated profitability with respect to certain other U.S. fund complexes managed by the Manager and/or its affiliates. Each Board reviewed BlackRock's assumptions and methodology of allocating expenses in the estimated profitability analysis, noting the inherent limitations in allocating costs among various advisory products. Each Board recognized that profitability may be affected by numerous factors including, among other things, fee waivers and expense reimbursements by the Manager, the types of funds managed, precision of expense allocations and business mix. As a result, calculating and comparing profitability at individual fund levels is difficult.

Each Board noted that, in general, individual fund or product line profitability of other advisors is not publicly available. Each Board reviewed BlackRock's overall operating margin, in general, compared to that of certain other publicly-traded asset management firms. Each Board considered the differences between BlackRock and these other firms, including the contribution of technology at BlackRock, BlackRock's expense management, and the relative product mix.

In addition, each Board considered the estimated cost of the services provided to its Fund by BlackRock, and BlackRock's and its affiliates' estimated profits relating to the management of the Fund and the other funds advised by BlackRock and its affiliates. As part of its analysis, each Board reviewed BlackRock's methodology in allocating its costs of managing its Fund, to the Fund. Each Board considered whether BlackRock has the financial resources necessary to attract and retain high quality investment management personnel to perform its obligations under the Agreement for its Fund and to continue to provide the high quality of services that is expected by the Board. Each Board further considered factors including but not limited to BlackRock's commitment of time, assumption of risk, and liability profile in servicing its Fund in contrast to what is required of BlackRock with respect to other products with similar investment mandates across the open-end fund, closed-end fund, sub-advised mutual fund, collective investment trust, and institutional separate account product channels, as applicable.

The Board of MUC noted that MUC's contractual management fee rate ranked in the first quartile, and that the actual management fee rate and total expense ratio each ranked in the second quartile, relative to the Expense Peers.

The Board of each of MUJ, MFT, MIY and MPA noted that its Fund's contractual management fee rate ranked in the first quartile, and that the actual management fee rate and total expense ratio each ranked in the first quartile, relative to the Expense Peers.

**D. Economies of Scale:** Each Board, including the Independent Board Members, considered the extent to which economies of scale might be realized as the assets of its Fund increase. Each Board also considered the extent to which its Fund benefits from such economies in a variety of ways, and whether there should be changes in the advisory fee rate or breakpoint structure in order to enable the Fund to more fully participate in these economies of scale. Each Board considered the Fund's asset levels and whether the current fee was appropriate.

Based on each Board's review and consideration of the issue, each Board concluded that most closed-end funds do not have fund level breakpoints because closed-end funds generally do not experience substantial growth after the initial public offering. They are typically priced at scale at a fund's inception.

**E. Other Factors Deemed Relevant by the Board Members:** Each Board, including the Independent Board Members, also took into account other ancillary or "fall-out" benefits that BlackRock or its affiliates may derive from BlackRock's respective relationships with its Fund, both tangible and intangible, such as BlackRock's ability to leverage its investment professionals who manage other portfolios and risk management personnel, an increase in BlackRock's profile in the investment advisory community, and the engagement of BlackRock's affiliates as service providers to the Fund, including for administrative, securities lending and cash management services. Each Board also considered BlackRock's overall operations and its efforts to expand the scale of, and improve the quality of, its operations. Each Board also noted that, subject to applicable law, BlackRock may use and benefit from third party research obtained by soft dollars generated by certain registered fund transactions to assist in managing all or a number of its other client accounts.

In connection with its consideration of the Agreement for its Fund, each Board also received information regarding BlackRock's brokerage and soft dollar practices. Each Board received reports from BlackRock which included information on brokerage commissions and trade execution practices throughout the year.

Each Board noted the competitive nature of the closed-end fund marketplace, and that shareholders are able to sell their Fund shares in the secondary market if they believe that the Fund's fees and expenses are too high or if they are dissatisfied with the performance of the Fund.

Each Board also considered the various notable initiatives and projects BlackRock performed in connection with its closed-end fund product line. These initiatives included the completion of the redemption of auction rate preferred securities for all of the BlackRock closed-end funds; developing equity shelf programs; efforts to eliminate product overlap with fund mergers; ongoing services to manage leverage that has become increasingly complex; periodic evaluation of share repurchases and other support initiatives for certain BlackRock funds; and continued communications efforts with shareholders, fund analysts and financial advisers. With respect to the latter, the

Disclosure of Investment Advisory Agreements (continued)

Independent Board Members noted BlackRock's continued commitment to supporting the secondary market for the common shares of its closed-end funds through a comprehensive secondary market communication program designed to raise investor and analyst awareness and understanding of closed-end funds. BlackRock's support services included, among other things: sponsoring and participating in conferences; communicating with closed-end fund analysts covering the BlackRock funds throughout the year; providing marketing and product updates for the closed-end funds; and maintaining and enhancing its closed-end fund website.

**Conclusion**

Each Board, including the Independent Board Members, unanimously approved the continuation of the Agreement between the Manager and its Fund for a one-year term ending June 30, 2019. Based upon its evaluation of all of the aforementioned factors in their totality, as well as other information, each Board, including the Independent Board Members, was satisfied that the terms of the Agreement for its Fund were fair and reasonable and in the best interest of the Fund and its shareholders. In arriving at its decision to approve the Agreement for its Fund, each Board did not identify any single factor or group of factors as, all-important or controlling, but considered all factors together, and different Board Members may have attributed different weights to the various factors considered. The Independent Board Members were also assisted by the advice of independent legal counsel in making this determination.

## Automatic Dividend Reinvestment Plans

Pursuant to each Fund's Dividend Reinvestment Plan (the "Reinvestment Plan"), Common Shareholders are automatically enrolled to have all distributions of dividends and capital gains and other distributions reinvested by Computershare Trust Company, N.A. (the "Reinvestment Plan Agent") in the respective Fund's Common Shares pursuant to the Reinvestment Plan. Shareholders who do not participate in the Reinvestment Plan will receive all distributions in cash paid by check and mailed directly to the shareholders of record (or if the shares are held in street name or other nominee name, then to the nominee) by the Reinvestment Plan Agent, which serves as agent for the shareholders in administering the Reinvestment Plan.

After the Funds declare a dividend or determine to make a capital gain or other distribution, the Reinvestment Plan Agent will acquire shares for the participants' accounts, depending upon the following circumstances, either (i) through receipt of unissued but authorized shares from the Funds ( "newly issued shares" ) or (ii) by purchase of outstanding shares on the open market or on the Fund's primary exchange ( "open-market purchases" ). If, on the dividend payment date, the net asset value per share ( "NAV" ) is equal to or less than the market price per share plus estimated brokerage commissions (such condition often referred to as a "market premium" ), the Reinvestment Plan Agent will invest the dividend amount in newly issued shares acquired on behalf of the participants. The number of newly issued shares to be credited to each participant's account will be determined by dividing the dollar amount of the dividend by the NAV on the date the shares are issued. However, if the NAV is less than 95% of the market price on the dividend payment date, the dollar amount of the dividend will be divided by 95% of the market price on the dividend payment date. If, on the dividend payment date, the NAV is greater than the market price per share plus estimated brokerage commissions (such condition often referred to as a "market discount" ), the Reinvestment Plan Agent will invest the dividend amount in shares acquired on behalf of the participants in open-market purchases. If the Reinvestment Plan Agent is unable to invest the full dividend amount in open-market purchases, or if the market discount shifts to a market premium during the purchase period, the Reinvestment Plan Agent will invest any un-invested portion in newly issued shares. Investments in newly issued shares made in this manner would be made pursuant to the same process described above and the date of issue for such newly issued shares will substitute for the dividend payment date.

You may elect not to participate in the Reinvestment Plan and to receive all dividends in cash by contacting the Reinvestment Plan Agent, at the address set forth below.

Participation in the Reinvestment Plan is completely voluntary and may be terminated or resumed at any time without penalty by notice if received and processed by the Reinvestment Plan Agent prior to the dividend record date. Additionally, the Reinvestment Plan Agent seeks to process notices received after the record date but prior to the payable date and such notices often will become effective by the payable date. Where late notices are not processed by the applicable payable date, such termination or resumption will be effective with respect to any subsequently declared dividend or other distribution.

The Reinvestment Plan Agent's fees for the handling of the reinvestment of distributions will be paid by each Fund. However, each participant will pay a pro rata share of brokerage commissions incurred with respect to the Reinvestment Plan Agent's open market purchases in connection with the reinvestment of all distributions. The automatic reinvestment of all distributions will not relieve participants of any U.S. federal, state or local income tax that may be payable on such dividends or distributions.

Each Fund reserves the right to amend or terminate the Reinvestment Plan. There is no direct service charge to participants in the Reinvestment Plan; however, each Fund reserves the right to amend the Reinvestment Plan to include a service charge payable by the participants. Participants in MPA that request a sale of shares are subject to a

\$2.50 sales fee and a \$0.15 per share fee. Per share fees include any applicable brokerage commissions the Reinvestment Plan Agent is required to pay. Participants in MUC, MUJ, MFT and MIY that request a sale of shares are subject to a \$0.02 per share sold brokerage commission. All correspondence concerning the Reinvestment Plan should be directed to Computershare Trust Company, N.A., through the internet at <http://www.computershare.com/blackrock>, or in writing to Computershare, P.O. Box 505000, Louisville, KY 40233, Telephone: (800) 699-1236. Overnight correspondence should be directed to the Reinvestment Plan Agent at Computershare, 462 South 4th Street, Suite 1600, Louisville, KY 40202.

## Director and Officer Information

**Independent Directors <sup>(a)</sup>**

| <b>Name</b>                            | <b>Position(s) Held</b>                                    | <b>Principal Occupation(s) During Past Five Years</b>  | <b>Number of BlackRock-Advised Registered Investment Companies ( RICs ) Consisting of Investment Portfolios ( Portfolios ) Overseen<sup>(d)</sup></b> | <b>Public Company and Other Investment Company Directorship During Past Five Years</b> |
|--|--|--|---|--|
| <b>Richard E. Cavanagh</b><br><br>1946 | <b>Chair of the Board and Director</b><br><br>(Since 2007) | Director, The Guardian Life Insurance Company of America since 1998; Board Chair, Volunteers of America (a not-for-profit organization) since 2015 (board member since 2009); Director, Arch Chemical (chemical and allied products) from 1999 to 2011; Trustee, Educational Testing Service from 1997 to 2009 and Chairman thereof from 2005 to 2009; Senior Advisor, The Fremont Group since 2008 and Director thereof since 1996; Faculty Member/Adjunct Lecturer, Harvard University since 2007; President and Chief Executive Officer, The Conference | 73 RICs consisting of 73 Portfolios   | None   |

|                              |                                      |   |                                     |  |
|------------------------------|--------------------------------------|---|-------------------------------------|--|
| <b>Karen P. Robards</b>      | Vice Chair of the Board and Director | Board, Inc. (global business research organization) from 1995 to 2007. Principal of Robards & Company, LLC (consulting and private investing) since 1987; Co-founder and Director of the Cooke Center for Learning and Development (a not-for-profit organization) since 1987; Investment Banker at Morgan Stanley from 1976 to 1987.   | 73 RICs consisting of 73 Portfolios | Greenhill & Co., Inc.; AtriCure, Inc. (medical devices) from 2000 until 2017 |
| 1950                         | (Since 2007)                         |   |                                     |  |
| <b>Michael J. Castellano</b> | Director (Since 2011)                | Chief Financial Officer of Lazard Group LLC from 2001 to 2011; Chief Financial Officer of Lazard Ltd from 2004 to 2011; Director, Support Our Aging Religious (non-profit) from 2009 to June 2015 and since 2017; Director, National Advisory Board of Church Management at Villanova University since 2010; Trustee, Domestic Church Media Foundation since 2012; Director, CircleBlack Inc. | 73 RICs consisting of 73 Portfolios | None   |
| 1946                         |                                      |   |                                     |  |



|                         |              |   |                                     |   |
|-------------------------|--------------|---|-------------------------------------|---|
| <b>Cynthia L. Egan</b>  | Director     | (financial technology company) since 2015.  | 73 RICs consisting of 73 Portfolios | Unum (insurance); The Hanover Insurance Group (insurance); Envestnet (investment platform) from 2013 until 2016 |
| 1955                    | (Since 2016) | Advisor, U.S. Department of the Treasury from 2014 to 2015; President, Retirement Plan Services for T. Rowe Price Group, Inc. from 2007 to 2012; executive positions within Fidelity Investments from 1989 to 2007.   |                                     |   |
| <b>Frank J. Fabozzi</b> | Director     | Editor of and Consultant for The Journal of Portfolio Management since 2006; Professor of Finance, EDHEC Business School since 2011; Visiting Professor, Princeton University from 2013 to 2014 and since 2016; Professor in the Practice of Finance and Becton Fellow, Yale University School of Management from 2006 to 2011. | 73 RICs consisting of 73 Portfolios | None  |
| 1948                    | (Since 2007) |   |                                     |   |
| <b>R. Glenn Hubbard</b> | Director     | Dean, Columbia Business School since 2004; Faculty member, Columbia Business School since 1988.   | 73 RICs consisting of 73 Portfolios | ADP (data and information services); Metropolitan Life Insurance Company (insurance)                            |
| 1958                    | (Since 2007) |   |                                     |   |

|                                   |                              |   |                                     |      |
|-----------------------------------|------------------------------|---|-------------------------------------|------|
| <b>W. Carl Kester</b><br>1951     | Director<br><br>(Since 2007) | George Fisher Baker Jr.<br>Professor of Business Administration, Harvard Business School since 2008, Deputy Dean for Academic Affairs from 2006 to 2010, Chairman of the Finance Unit, from 2005 to 2006, Senior Associate Dean and Chairman of the MBA Program from 1999 to 2005; Member of the faculty of Harvard Business School since 1981. | 73 RICs consisting of 73 Portfolios | None |
| <b>Catherine A. Lynch</b><br>1961 | Director<br><br>(Since 2016) | Chief Executive Officer, Chief Investment Officer and various other positions, National Railroad Retirement Investment Trust from 2003 to 2016; Associate Vice President for Treasury Management, The George Washington University from 1999 to 2003; Assistant Treasurer, Episcopal Church of America from 1995 to 1999.                       | 73 RICs consisting of 73 Portfolios | None |



## Director and Officer Information (continued)

**Interested Directors** <sup>(a)(e)</sup>

| <b>Name</b>                      | <b>Position(s) Held</b>  | <b>Principal Occupation(s) During Past Five Years</b>  | <b>Number of BlackRock-Advised Registered Investment Companies ( RICs ) Consisting of Investment Portfolios ( Portfolios ) Overseen</b> <sup>(d)</sup> | <b>Public Company and Investment Company Directorships During Past Five Years</b> |
|----------------------------------|--|--|--|---|
| <b>Robert Fairbairn</b><br>1965  | Director<br><br>(Since 2018)   | Senior Managing Director of BlackRock, Inc. since 2010; oversees BlackRock's Strategic Partner Program and Strategic Product Management Group; Member of BlackRock's Global Executive and Global Operating Committees; Co-Chair of BlackRock's Human Capital Committee; Global Head of BlackRock's Retail and iShares <sup>®</sup> businesses from 2012 to 2016. | 130 RICs consisting of 317 Portfolios  | None  |
| <b>John M. Perlowski</b><br>1964 | Director<br>(Since 2015);<br>President and Chief Executive Officer<br>(Since 2010) | Managing Director of BlackRock, Inc. since 2009; Head of BlackRock Global  | 130 RICs consisting of 317 Portfolios  | None  |

Accounting  
and Product  
Services since  
2009; Advisory  
Director of  
Family  
Resource  
Network  
(charitable  
foundation)  
since 2009.

- (a) The address of each Director is c/o BlackRock, Inc., 55 East 52nd Street, New York, NY 10055.
- (b) Each Independent Director will serve until his or her successor is elected and qualifies, or until his or her earlier death, resignation, retirement or removal, or until December 31 of the year in which he or she turns 75. The maximum age limitation may be waived as to any Director by action of a majority of the Directors upon finding of good cause therefor.
- (c) Following the combination of Merrill Lynch Investment Managers, L.P. ( MLIM ) and BlackRock, Inc. ( BlackRock ) in September 2006, the various legacy MLIM and legacy BlackRock fund boards were realigned and consolidated into three new fund boards in 2007. As a result, although the chart shows certain Independent Directors as joining the Board in 2007, each Director first became a member of the boards of other legacy MLIM or legacy BlackRock funds as follows: Richard E. Cavanagh, 1994; Frank J. Fabozzi, 1988; R. Glenn Hubbard, 2004; W. Carl Kester, 1995 and Karen P. Robards, 1998.
- (d) For purposes of this chart, "RICs" refers to investment companies registered under the 1940 Act and "Portfolios" refers to the investment programs of the BlackRock-advised funds. The Closed-End Complex is comprised of 73 RICs consisting of 73 Portfolios. Mr. Fairbairn and Mr. Perlowski are also board members of the BlackRock Equity-Bond Complex and the BlackRock Equity-Liquidity Complex.
- (e) Mr. Fairbairn and Mr. Perlowski are both "interested persons," as defined in the 1940 Act, of the Fund based on their positions with BlackRock and its affiliates. Mr. Fairbairn and Mr. Perlowski are also board members of the BlackRock Equity-Bond Complex and the BlackRock Equity-Liquidity Complex. Interested Directors serve until their resignation, removal or death, or until December 31 of the year in which they turn 72. The maximum age limitation may be waived as to any Director by action of a majority of the Directors upon a finding of good cause therefor.

## Director and Officer Information (continued)

**Officers Who Are Not Directors**<sup>(a)</sup>

| <b>Name</b>            | <b>Position(s) Held</b>  | <b>Principal Occupation(s) During Past Five Years</b>   |
|------------------------|--------------------------|---|
| <b>Jonathan Diorio</b> | Vice President           | Managing Director of BlackRock, Inc. since 2015; Director of BlackRock, Inc. from 2011 to 2015.   |
| 1980                   | (Since 2015)             |   |
| <b>Neal J. Andrews</b> | Chief Financial Officer  | Managing Director of BlackRock, Inc. since 2006.  |
| 1966                   | (Since 2007)             |   |
| <b>Jay M. Fife</b>     | Treasurer                | Managing Director of BlackRock, Inc. since 2007.  |
| 1970                   | (Since 2007)             |   |
| <b>Charles Park</b>    | Chief Compliance Officer | Anti-Money Laundering Compliance Officer for the BlackRock-advised Funds in the Equity-Bond Complex, the Equity-Liquidity Complex and the Closed-End Complex from 2014 to 2015; Chief Compliance Officer of BlackRock Advisors, LLC and the BlackRock-advised Funds in the Equity-Bond Complex, the Equity-Liquidity Complex and the Closed-End Complex since 2014; Principal of and Chief Compliance Officer for iShares <sup>®</sup> Delaware Trust Sponsor LLC since 2012 and BlackRock Fund Advisors ( BFA ) since 2006; Chief Compliance Officer for the BFA-advised iShares <sup>®</sup> exchange traded funds since 2006; Chief Compliance Officer for BlackRock Asset Management International Inc. since 2012. |
| 1967                   | (Since 2014)             |   |
| <b>Janey Ahn</b>       | Secretary                | Managing Director of BlackRock, Inc. since 2018; Director of BlackRock, Inc. from 2009 to 2017.   |
| 1975                   | (Since 2012)             |   |

<sup>(a)</sup> The address of each Officer is c/o BlackRock, Inc., 55 East 52nd Street, New York, NY 10055.

<sup>(b)</sup> Officers of the Fund serve at the pleasure of the Board.

As of August 3, 2018, the portfolio managers of MUC are Kevin Maloney, Walter O Connor and Phillip Soccio. Mr. Maloney joined MUC's portfolio management team effective August 3, 2018. Mr. Maloney has been an Associate of BlackRock, Inc. since 2014 and an Analyst thereof from 2011 to 2013.

**Investment Adviser**

BlackRock Advisors, LLC

Wilmington, DE 19809

**Accounting Agent and Custodian**

State Street Bank and Trust Company

Boston, MA 02111

**Transfer Agent**

Computershare Trust Company, N.A.

Canton, MA 02021

**VRDP Tender and Paying Agent and VMTP Redemption and Paying Agent**

The Bank of New York Mellon

New York, NY 10286

**VRDP Liquidity Providers**

Citibank, N.A.<sup>(a)</sup>

New York, NY 10179

Bank of America, N.A.<sup>(b)</sup>

New York, NY 10036

**VRDP Remarketing Agents**

Citigroup Global Markets Inc.<sup>(a)</sup>

New York, NY 10179

Merrill Lynch, Pierce, Fenner & Smith Incorporated<sup>(b)</sup>

New York, NY 10036

**Independent Registered Public Accounting Firm**

Deloitte & Touche LLP

Boston, MA 02116

**Legal Counsel**

Skadden, Arps, Slate, Meagher & Flom LLP

Boston, MA 02116

**Address of the Funds**

100 Bellevue Parkway

Wilmington, DE 19809

(a) For MIY and MPA.

(b) For MUJ.

DIRECTOR AND OFFICER INFORMATION

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## Additional Information

## Proxy Results

The Annual Meeting of Shareholders was held on July 30, 2018 for shareholders of record on May 31, 2018, to elect director nominees for each Fund. There were no broker non-votes with regard to any of the Funds.

|     |                       |           |                 |                      |           |                 |                                 |           |                 |
|-----|-----------------------|-----------|-----------------|----------------------|-----------|-----------------|---------------------------------|-----------|-----------------|
|     | Michael J. Castellano |           |                 | Richard E. Cavanagh  |           |                 | Cynthia L. Egan                 |           |                 |
|     | <i>Votes For</i>      |           | <i>Withheld</i> | <i>Votes For</i>     |           | <i>Withheld</i> | <i>Votes For</i>                |           | <i>Withheld</i> |
| MUC | 37,780,236            | 1,033,087 |                 | 37,392,272           | 1,421,051 |                 | 37,873,525                      | 939,798   |                 |
| MUJ | 27,671,468            | 942,695   |                 | 27,671,856           | 942,307   |                 | 27,623,370                      | 990,793   |                 |
| MIY | 27,289,867            | 1,242,586 |                 | 27,274,638           | 1,257,815 |                 | 27,295,892                      | 1,236,561 |                 |
|     | <i>Votes Against</i>  |           | <i>Abstain</i>  | <i>Votes Against</i> |           | <i>Abstain</i>  | <i>Votes Against</i>            |           | <i>Abstain</i>  |
| MFT | 7,995,911             | 123,080   | 97,821          | 7,978,919            | 137,130   | 100,763         | 7,995,351                       | 121,646   | 99,815          |
| MPA | 11,599,717            | 478,593   | 49,589          | 11,538,730           | 526,407   | 62,762          | 11,624,188                      | 455,391   | 48,320          |
|     | Robert Fairbairn      |           |                 | R. Glenn Hubbard     |           |                 | Catherine A. Lynch              |           |                 |
|     | <i>Votes For</i>      |           | <i>Withheld</i> | <i>Votes For</i>     |           | <i>Withheld</i> | <i>Votes For</i>                |           | <i>Withheld</i> |
| MUC | 37,812,466            | 1,000,857 |                 | 37,387,498           | 1,425,825 |                 | 37,752,932                      | 1,060,391 |                 |
| MUJ | 27,672,056            | 942,107   |                 | 27,559,581           | 1,054,582 |                 | 27,723,999                      | 890,164   |                 |
| MIY | 27,316,541            | 1,215,912 |                 | 27,260,109           | 1,272,344 |                 | 27,307,302                      | 1,225,151 |                 |
|     | <i>Votes Against</i>  |           | <i>Abstain</i>  | <i>Votes Against</i> |           | <i>Abstain</i>  | <i>Votes Against</i>            |           | <i>Abstain</i>  |
| MFT | 7,988,813             | 118,510   | 109,489         | 7,971,902            | 146,081   | 98,829          | 7,985,964                       | 132,018   | 98,830          |
| MPA | 11,812,625            | 265,687   | 49,587          | 11,669,875           | 408,437   | 49,587          | 11,628,758                      | 254,065   | 245,076         |
|     | John M. Perlowski     |           |                 | Karen P. Robards     |           |                 | Frank J. Fabozzi <sup>(a)</sup> |           |                 |
|     | <i>Votes For</i>      |           | <i>Withheld</i> | <i>Votes For</i>     |           | <i>Withheld</i> | <i>Votes For</i>                |           | <i>Withheld</i> |
| MUC | 37,658,953            | 1,154,370 |                 | 37,712,450           | 1,100,873 |                 | 2,540                           | 0         |                 |
| MUJ | 27,670,556            | 943,607   |                 | 27,611,120           | 1,003,043 |                 | 2,371                           | 0         |                 |
| MIY | 27,305,591            | 1,226,862 |                 | 27,277,198           | 1,255,255 |                 | 2,319                           | 0         |                 |
|     | <i>Votes Against</i>  |           | <i>Abstain</i>  | <i>Votes Against</i> |           | <i>Abstain</i>  | <i>Votes Against</i>            |           | <i>Abstain</i>  |
| MFT | 7,994,893             | 123,090   | 98,829          | 7,992,591            | 125,392   | 98,829          | 565                             | 0         | 0               |
| MPA | 11,779,836            | 284,522   | 63,541          | 11,428,584           | 452,492   | 246,823         | 826                             | 0         | 0               |

W. Carl Kester<sup>(a)</sup>

|     | <i>Votes For</i> | <i>Votes Withheld</i> |                      |                |
|-----|------------------|-----------------------|----------------------|----------------|
| MUC | 2,540            | 0                     |                      |                |
| MUJ | 2,371            | 0                     |                      |                |
| MIY | 2,319            | 0                     |                      |                |
|     |                  |                       | <i>Votes Against</i> | <i>Abstain</i> |
| MFT | 565              | 0                     | 0                    | 0              |
| MPA | 826              | 0                     | 0                    | 0              |

(a) Voted on by holders of Preferred Shares only.

### **Fund Certification**

Certain Funds are listed for trading on the NYSE and have filed with the NYSE their annual chief executive officer certification regarding compliance with the NYSE's listing standards. The Funds filed with the SEC the certification of its chief executive officer and chief financial officer required by section 302 of the Sarbanes-Oxley Act.

### **Dividend Policy**

Each Fund's dividend policy is to distribute all or a portion of its net investment income to its shareholders on a monthly basis. In order to provide shareholders with a more stable level of distributions, the Funds may at times pay out less than the entire amount of net investment income earned in any particular month and may at times in any particular month pay out such accumulated but undistributed income in addition to net investment income earned in that month. As a result, the distributions paid by the Funds for any particular month may be more or less than the amount of net investment income earned by the Funds during such month. The Funds' current accumulated but undistributed net investment income, if any, is disclosed in the Statements of Assets and Liabilities, which comprises part of the financial information included in this report.

Additional Information (continued)

### **General Information**

The Funds do not make available copies of their Statements of Additional Information because the Funds' shares are not continuously offered, which means that the Statement of Additional Information of each Fund has not been updated after completion of the respective Fund's offerings and the information contained in each Fund's Statement of Additional Information may have become outdated.

During the period, there were no material changes in the Funds' investment objectives or policies or to the Funds' charters or by-laws that would delay or prevent a change of control of the Funds that were not approved by the shareholders or in the principal risk factors associated with investment in the Funds. Except as described on page 71, there have been no changes in the persons who are primarily responsible for the day-to-day management of the Funds' portfolios.

Quarterly performance, semi-annual and annual reports, current net asset value and other information regarding the Funds, may be found on BlackRock's website, which can be accessed at <http://www.blackrock.com>. Any reference to BlackRock's website in this report is intended to allow investors public access to information regarding the Funds and does not, and is not intended to, incorporate BlackRock's website in this report.

### **Electronic Delivery**

Shareholders can sign up for e-mail notifications of quarterly statements, annual and semi-annual shareholder reports by enrolling in the electronic delivery program. Electronic copies of shareholder reports are available on BlackRock's website.

To enroll in electronic delivery:

### **Shareholders Who Hold Accounts with Investment Advisers, Banks or Brokerages:**

Please contact your financial advisor. Please note that not all investment advisers, banks or brokerages may offer this service.

### **Householding**

The Funds will mail only one copy of shareholder documents, including annual and semi-annual reports and proxy statements, to shareholders with multiple accounts at the same address. This practice is commonly called "householding" and is intended to reduce expenses and eliminate duplicate mailings of shareholder documents. Mailings of your shareholder documents may be householded indefinitely unless you instruct us otherwise. If you do not want the mailing of these documents to be combined with those for other members of your household, please call the Funds at (800) 882-0052.

### **Availability of Quarterly Schedule of Investments**

The Funds file their complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-Q. The Funds' Forms N-Q are available on the SEC's website at <http://www.sec.gov> and may also be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. Information on the operation of the Public Reference Room or how to access documents on the SEC's website without charge may be obtained by calling

(800) SEC-0330. The Funds' Forms N-Q may also be obtained upon request and without charge by calling (800) 882-0052.

### **Availability of Proxy Voting Policies and Procedures**

A description of the policies and procedures that the Funds use to determine how to vote proxies relating to portfolio securities is available upon request and without charge (1) by calling (800) 882-0052; (2) at <http://www.blackrock.com>; and (3) on the SEC's website at <http://www.sec.gov>.

### **Availability of Proxy Voting Record**

Information about how the Funds voted proxies relating to securities held in the Funds' portfolios during the most recent 12-month period ended June 30 is available upon request and without charge (1) at <http://www.blackrock.com>; or by calling (800) 882-0052; and (2) on the SEC's website at <http://www.sec.gov>.

### **Availability of Fund Updates**

BlackRock will update performance and certain other data for the Funds on a monthly basis on its website in the Closed-end Funds' section of <http://www.blackrock.com> as well as certain other material information as necessary from time to time. Investors and others are advised to check the website for updated performance information and the release of other material information about the Funds. This reference to BlackRock's website is intended to allow investors public access to information regarding the Funds and does not, and is not intended to, incorporate BlackRock's website in this report.

Additional Information (continued)

### **BlackRock Privacy Principles**

BlackRock is committed to maintaining the privacy of its current and former fund investors and individual clients (collectively, Clients ) and to safeguarding their non-public personal information. The following information is provided to help you understand what personal information BlackRock collects, how we protect that information and why in certain cases we share such information with select parties.

If you are located in a jurisdiction where specific laws, rules or regulations require BlackRock to provide you with additional or different privacy-related rights beyond what is set forth below, then BlackRock will comply with those specific laws, rules or regulations.

BlackRock obtains or verifies personal non-public information from and about you from different sources, including the following: (i) information we receive from you or, if applicable, your financial intermediary, on applications, forms or other documents; (ii) information about your transactions with us, our affiliates, or others; (iii) information we receive from a consumer reporting agency; and (iv) from visits to our websites.

BlackRock does not sell or disclose to non-affiliated third parties any non-public personal information about its Clients, except as permitted by law or as is necessary to respond to regulatory requests or to service Client accounts. These non-affiliated third parties are required to protect the confidentiality and security of this information and to use it only for its intended purpose.

We may share information with our affiliates to service your account or to provide you with information about other BlackRock products or services that may be of interest to you. In addition, BlackRock restricts access to non-public personal information about its Clients to those BlackRock employees with a legitimate business need for the information. BlackRock maintains physical, electronic and procedural safeguards that are designed to protect the non-public personal information of its Clients, including procedures relating to the proper storage and disposal of such information.

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Glossary of Terms Used in this Report

**Portfolio Abbreviations**

|         |   |
|---------|---|
| AGC     | Assured Guarantee Corp.                 |
| AGM     | Assured Guaranty Municipal Corp.        |
| AMBAC   | American Municipal Bond Assurance Corp. |
| AMT     | Alternative Minimum Tax (subject to)    |
| ARB     | Airport Revenue Bonds                   |
| BAM     | Build America Mutual Assurance Co.      |
| BARB    | Building Aid Revenue Bonds              |
| CAB     | Capital Appreciation Bonds              |
| COP     | Certificates of Participation           |
| EDA     | Economic Development Authority          |
| EDC     | Economic Development Corp.              |
| ERB     | Education Revenue Bonds                 |
| GARB    | General Airport Revenue Bonds           |
| GO      | General Obligation Bonds                |
| HDA     | Housing Development Authority           |
| HFA     | Housing Finance Agency                  |
| IDA     | Industrial Development Authority        |
| IDB     | Industrial Development Board            |
| ISD     | Independent School District             |
| LRB     | Lease Revenue Bonds                     |
| M/F     | Multi-Family                            |
| NPFGC   | National Public Finance Guarantee Corp. |
| RB      | Revenue Bonds                           |
| S/F     | Single-Family                           |
| Syncora | Syncora Guarantee                       |
| VRDN    | Variable Rate Demand Notes              |

This report is intended for current holders. It is not a prospectus. Past performance results shown in this report should not be considered a representation of future performance. The Funds have leveraged their Common Shares, which creates risks for Common Shareholders, including the likelihood of greater volatility of net asset value and market price of the Common Shares, and the risk that fluctuations in short-term interest rates may reduce the Common Shares yield. Statements and other information herein are as dated and are subject to change.

MQUAL5-7/18-AR

Item 2 Code of Ethics The registrant (or the Fund ) has adopted a code of ethics, as of the end of the period covered by this report, applicable to the registrant's principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions. During the period covered by this report, the code of ethics was amended to update certain information and to make other non-material changes. During the period covered by this report, there have been no waivers granted under the code of ethics. The registrant undertakes to provide a copy of the code of ethics to any person upon request, without charge, who calls 1-800-882-0052, option 4.

Item 3 Audit Committee Financial Expert The registrant's board of directors (the board of directors ), has determined that (i) the registrant has the following audit committee financial experts serving on its audit committee and (ii) each audit committee financial expert is independent:

Michael Castellano

Frank J. Fabozzi

W. Carl Kester

Catherine A. Lynch

Karen P. Robards

The registrant's board of directors has determined that W. Carl Kester and Karen P. Robards qualify as financial experts pursuant to Item 3(c)(4) of Form N-CSR.

Prof. Kester has a thorough understanding of generally accepted accounting principles, financial statements and internal control over financial reporting as well as audit committee functions. Prof. Kester has been involved in providing valuation and other financial consulting services to corporate clients since 1978. Prof. Kester's financial consulting services present a breadth and level of complexity of accounting issues that are generally comparable to the breadth and complexity of issues that can reasonably be expected to be raised by the registrant's financial statements.

Ms. Robards has a thorough understanding of generally accepted accounting principles, financial statements and internal control over financial reporting as well as audit committee functions. Ms. Robards has been Principal of Robards & Company, a financial advisory firm, since 1987. Ms. Robards was formerly an investment banker for more than 10 years where she was responsible for evaluating and assessing the performance of companies based on their financial results. Ms. Robards has over 30 years of experience analyzing financial statements. She also is a member of the audit committee of one publicly held company and a non-profit organization.

Under applicable securities laws, a person determined to be an audit committee financial expert will not be deemed an expert for any purpose, including without limitation for the purposes of Section 11 of the Securities Act of 1933, as a result of being designated or identified as an audit committee financial expert. The designation or identification as an audit committee financial expert does not impose on such person any duties, obligations, or liabilities greater than the duties, obligations, and liabilities imposed on such person as a member of the audit committee and board of directors in the absence of such designation or identification. The designation or identification of a person as an audit committee financial expert does not affect the duties, obligations, or liability of any other member of the audit committee or board of directors.



## Item 4 Principal Accountant Fees and Services

The following table presents fees billed by Deloitte & Touche LLP ( D&T ) in each of the last two fiscal years for the services rendered to the Fund:

| <u>Entity</u><br><u>Name</u>                                | <u>(a) Audit Fees</u>                              |   | <u>(b) Audit-Related Fees<sup>1</sup></u>          |   | <u>(c) Tax Fees<sup>2</sup></u>                    |   | <u>(d) All Other Fees</u>                          |   |
|---|--|---|--|---|--|---|--|---|
|   | <u>Current</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Previous</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Current</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Previous</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Current</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Previous</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Current</u><br><u>Fiscal Year</u><br><u>End</u> | <u>Previous</u><br><u>Fiscal Year</u><br><u>End</u> |
| BlackRock<br>MuniYield<br>Michigan<br>Quality<br>Fund, Inc. | \$40,290   | \$40,290  | \$0  | \$0   | \$13,400   | \$13,362  | \$0  | \$0   |

The following table presents fees billed by D&T that were required to be approved by the registrant's audit committee (the Committee) for services that relate directly to the operations or financial reporting of the Fund and that are rendered on behalf of BlackRock Advisors, LLC ( Investment Adviser or BlackRock ) and entities controlling, controlled by, or under common control with BlackRock (not including any sub-adviser whose role is primarily portfolio management and is subcontracted with or overseen by another investment adviser) that provide ongoing services to the Fund ( Affiliated Service Providers ):

|   | <u>Current Fiscal Year End</u> | <u>Previous Fiscal Year End</u> |
|---|--------------------------------|---------------------------------|
| <b>(b) Audit-Related Fees<sup>1</sup></b> | \$0                            | \$0                             |
| <b>(c) Tax Fees<sup>2</sup></b>           | \$0                            | \$0                             |
| <b>(d) All Other Fees<sup>3</sup></b>     | \$2,274,000                    | \$2,129,000                     |

<sup>1</sup> The nature of the services includes assurance and related services reasonably related to the performance of the audit or review of financial statements not included in Audit Fees, including accounting consultations, agreed-upon procedure reports, attestation reports, comfort letters, out-of-pocket expenses and internal control reviews not required by regulators.

<sup>2</sup> The nature of the services includes tax compliance and/or tax preparation, including services relating to the filing or amendment of federal, state or local income tax returns, regulated investment company qualification reviews, taxable income and tax distribution calculations.

<sup>3</sup> Non-audit fees of \$2,274,000 and \$2,129,000 for the current fiscal year and previous fiscal year, respectively, were paid to the Fund's principal accountant in their entirety by BlackRock, in connection with services provided to the Affiliated Service Providers of the Fund and of certain other funds sponsored and advised by BlackRock or its affiliates for a service organization review and an accounting research tool subscription. These amounts represent aggregate fees paid by BlackRock and were not allocated on a per fund basis.

## (e)(1) Audit Committee Pre-Approval Policies and Procedures:

The Committee has adopted policies and procedures with regard to the pre-approval of services. Audit, audit-related and tax compliance services provided to the registrant on an annual basis require specific pre-approval by the Committee. The Committee also must approve other non-audit services provided to the registrant and those non-audit services provided to the Investment Adviser and Affiliated Service Providers that relate directly to the operations and

the financial reporting of the registrant. Certain of these non-audit services that the Committee believes are (a) consistent with the SEC's auditor independence rules and (b) routine and recurring services that will not impair the independence of the independent accountants may be approved by the Committee without consideration on a specific case-by-case basis ( general pre-approval ). The term of any general pre-approval is 12 months from the date of the pre-approval, unless the Committee provides for a different period. Tax or other non-audit services provided to the registrant which have a direct impact on the operations or financial reporting of the registrant will only be deemed pre-approved provided that any individual project does not exceed \$10,000 attributable to the registrant or \$50,000 per project. For this purpose, multiple projects will be aggregated to determine if they exceed the previously mentioned cost levels.

Any proposed services exceeding the pre-approved cost levels will require specific pre-approval by the Committee, as will any other services not subject to general pre-approval (e.g., unanticipated but permissible services). The Committee is informed of each service approved subject to general pre-approval at the next regularly scheduled in-person board meeting. At this meeting, an analysis of such services is presented to the Committee for ratification. The Committee may delegate to the Committee Chairman the authority to approve the provision of and fees for any specific engagement of permitted non-audit services, including services exceeding pre-approved cost levels.

(e)(2) None of the services described in each of Items 4(b) through (d) were approved by the Committee pursuant to the de minimis exception in paragraph (c)(7)(i)(C) of Rule 2-01 of Regulation S-X.

(f) Not Applicable

(g) The aggregate non-audit fees, defined as the sum of the fees shown under Audit-Related Fees, Tax Fees and All Other Fees, paid to the accountant for services rendered by the accountant to the registrant, the Investment Adviser and the Affiliated Service Providers were

|                             | <u>Current Fiscal</u> | <u>Previous Fiscal</u> |
|-----------------------------|-----------------------|------------------------|
| <u>Entity Name</u>          | <u>Year End</u>       | <u>Year End</u>        |
| BlackRock MuniYield         | \$13,400              | \$13,362               |
| Michigan Quality Fund, Inc. |                       |                        |

Additionally, the amounts billed by D&T in connection with services provided to the Affiliated Service Providers of the Fund and of other funds sponsored or advised by BlackRock or its affiliates during the current and previous fiscal years for a service organization review and an accounting research tool subscription were:

|                 | <u>Current Fiscal</u> | <u>Previous Fiscal</u> |
|-----------------|-----------------------|------------------------|
| <u>Year End</u> | <u>Year End</u>       | <u>Year End</u>        |
|                 | \$2,274,000           | \$2,129,000            |

These amounts represent aggregate fees paid by BlackRock and were not allocated on a per fund basis.

(h) The Committee has considered and determined that the provision of non-audit services that were rendered to the Investment Adviser, and the Affiliated Service Providers that were not pre-approved pursuant to paragraph (c)(7)(ii) of Rule 2-01 of Regulation S-X is compatible with maintaining the principal accountant's independence.

Item 5 Audit Committee of Listed Registrants

- (a) The following individuals are members of the registrant's separately-designated standing audit committee established in accordance with Section 3(a)(58)(A) of the Securities Exchange Act of 1934 (15 U.S.C. 78c(a)(58)(A)):

Michael Castellano

Frank J. Fabozzi

W. Carl Kester

Catherine A. Lynch

Karen P. Robards

- (b) Not Applicable

Item 6 Investments

(a) The registrant's Schedule of Investments is included as part of the Report to Stockholders filed under Item 1 of this Form.

(b) Not Applicable due to no such divestments during the semi-annual period covered since the previous Form N-CSR filing.

Item 7 Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies

The board of directors has delegated the voting of proxies for the Fund's portfolio securities to the Investment Adviser pursuant to the Investment Adviser's proxy voting guidelines. Under these guidelines, the Investment Adviser will vote proxies related to Fund securities in the best interests of the Fund and its stockholders. From time to time, a vote may present a conflict between the interests of the Fund's stockholders, on the one hand, and those of the Investment Adviser, or any affiliated person of the Fund or the Investment Adviser, on the other. In such event, provided that the Investment Adviser's Equity Investment Policy Oversight Committee, or a sub-committee thereof (the Oversight Committee) is aware of the real or potential conflict or material non-routine matter and if the Oversight Committee does not reasonably believe it is able to follow its general voting guidelines (or if the particular proxy matter is not addressed in the guidelines) and vote impartially, the Oversight Committee may retain an independent fiduciary to advise the Oversight Committee on how to vote or to cast votes on behalf of the Investment Adviser's clients. If the Investment Adviser determines not to retain an independent fiduciary, or does not desire to follow the advice of such independent fiduciary, the Oversight Committee shall determine how to vote the proxy after consulting with the Investment Adviser's Portfolio Management Group and/or the Investment Adviser's Legal and Compliance Department and concluding that the vote cast is in its client's best interest notwithstanding the conflict. A copy of the Fund's Proxy Voting Policy and Procedures are attached as Exhibit 99.PROXYPOL. Information on how the Fund voted proxies relating to portfolio securities during the most recent 12-month period ended June 30 is available without charge, (i) at [www.blackrock.com](http://www.blackrock.com) and (ii) on the SEC's website at <http://www.sec.gov>.

Item 8 Portfolio Managers of Closed-End Management Investment Companies

(a)(1) As of the date of filing this Report:

The registrant is managed by a team of investment professionals comprised of Michael Kalinoski, CFA, Director at BlackRock, Walter O Connor, CFA, Managing Director at BlackRock and Michael Perilli, Vice President at BlackRock. Each is a member of BlackRock's municipal tax-exempt management group. Each is jointly responsible for the day-to-day management of the registrant's portfolio, which includes setting the registrant's

overall investment strategy, overseeing the management of the registrant and/or selection of its investments. Messrs. Kalinoski, O Connor and Perilli have been members of the registrant's portfolio management team since 2011, 2006 and 2018, respectively.

| <b>Portfolio Manager</b> | <b>Biography</b>  |
|--------------------------|---|
| Michael Kalinoski, CFA   | Director of BlackRock since 2006; Director of Merrill Lynch Investment Managers, L.P. ( MLIM ) from 1999 to 2006.           |
| Walter O Connor, CFA     | Managing Director of BlackRock since 2006; Managing Director of MLIM from 2003 to 2006; Director of MLIM from 1998 to 2003. |
| Michael Perilli          | Vice President of BlackRock since 2014; Associate of BlackRock from 2008 to 2014.   |

(a)(2) As of July 31, 2018:

| (i) Name of<br>Portfolio<br>Manager | (ii) Number of Other Accounts Managed<br>and Assets by Account Type |   |                   | (iii) Number of Other Accounts and<br>Assets for Which Advisory Fee is |  |                   |
|-------------------------------------|---|---|-------------------|--|--|-------------------|
|                                     | Other<br>Registered<br>Investment<br>Companies                      | Other<br>Pooled<br>Investment<br>Vehicles | Other<br>Accounts | Other<br>Registered<br>Investment<br>Companies                         | Performance-Based<br>Other<br>Pooled<br>Investment<br>Vehicles | Other<br>Accounts |
|                                     | Michael<br>Kalinoski, CFA   | 20<br>\$26.16 Billion                     | 0<br>\$0          | 0<br>\$0   | 0<br>\$0   | 0<br>\$0          |
| Walter O Connor,<br>CFA             | 30<br>\$21.67 Billion   | 0<br>\$0                                  | 0<br>\$0          | 0<br>\$0   | 0<br>\$0   | 0<br>\$0          |
| Michael Perilli                     | 16<br>\$4.32 Billion  | 0<br>\$0                                  | 0<br>\$0          | 0<br>\$0   | 0<br>\$0   | 0<br>\$0          |

(iv) Portfolio Manager Potential Material Conflicts of Interest

BlackRock has built a professional working environment, firm-wide compliance culture and compliance procedures and systems designed to protect against potential incentives that may favor one account over another. BlackRock has adopted policies and procedures that address the allocation of investment opportunities, execution of portfolio transactions, personal trading by employees and other potential conflicts of interest that are designed to ensure that all client accounts are treated equitably over time. Nevertheless, BlackRock furnishes investment management and

advisory services to numerous clients in addition to the Fund, and BlackRock may, consistent with applicable law, make investment recommendations to other clients or accounts (including accounts which are hedge funds or have performance or higher fees paid to BlackRock, or in which portfolio managers have a personal interest in the receipt of such fees), which may be the same as or different from those made to the Fund. In addition, BlackRock, Inc., its affiliates and significant shareholders and any officer, director, shareholder or employee may or may not have an interest in the securities whose purchase and sale BlackRock recommends to the Fund. BlackRock, Inc., or any of its affiliates or significant shareholders, or any officer, director, shareholder, employee or any member of their families may take different actions than those recommended to the Fund by BlackRock with respect to the same securities.

Moreover, BlackRock may refrain from rendering any advice or services concerning securities of companies of which any of BlackRock, Inc.'s (or its affiliates' or significant shareholders') officers, directors or employees are directors or officers, or companies as to which BlackRock, Inc. or any of its affiliates or significant shareholders or the officers, directors and employees of any of them has any substantial economic interest or possesses material non-public information. Certain portfolio managers also may manage accounts whose investment strategies may at times be opposed to the strategy utilized for a fund. It should also be noted that a portfolio manager may be managing hedge fund and/or long only accounts, or may be part of a team managing hedge fund and/or long only accounts, subject to incentive fees. Such portfolio managers may therefore be entitled to receive a portion of any incentive fees earned on such accounts. Currently, the portfolio managers of this Fund are not entitled to receive a portion of incentive fees of other accounts.

As a fiduciary, BlackRock owes a duty of loyalty to its clients and must treat each client fairly. When BlackRock purchases or sells securities for more than one account, the trades must be allocated in a manner consistent with its fiduciary duties. BlackRock attempts to allocate investments in a fair and equitable manner among client accounts, with no account receiving preferential treatment. To this end, BlackRock, Inc. has adopted policies that are intended to ensure reasonable efficiency in client transactions and provide BlackRock with sufficient flexibility to allocate investments in a manner that is consistent with the particular investment discipline and client base, as appropriate.

(a)(3) As of July 31, 2018:

#### **Portfolio Manager Compensation Overview**

The discussion below describes the portfolio managers' compensation as of July 31, 2018.

BlackRock's financial arrangements with its portfolio managers, its competitive compensation and its career path emphasis at all levels reflect the value senior management places on key resources. Compensation may include a variety of components and may vary from year to year based on a number of factors. The principal components of compensation include a base salary, a performance-based discretionary bonus, participation in various benefits programs and one or more of the incentive compensation programs established by BlackRock.

**Base compensation.** Generally, portfolio managers receive base compensation based on their position with the firm.

**Discretionary Incentive Compensation.** Discretionary incentive compensation is a function of several components: the performance of BlackRock, Inc., the performance of the portfolio manager's group within BlackRock, the investment performance, including risk-adjusted returns, of the firm's assets under management or supervision by that portfolio manager relative to predetermined benchmarks, and the individual's performance and contribution to the overall performance of these portfolios and BlackRock. In most cases, these benchmarks are the same as the benchmark or benchmarks against which the performance of the Funds or other accounts managed by the portfolio managers are measured. Among other things, BlackRock's Chief Investment Officers make a subjective determination with respect to each portfolio manager's



compensation based on the performance of the Funds and other accounts managed by each portfolio manager relative to the various benchmarks. Performance of fixed income funds is measured on a pre-tax and/or after-tax basis over various time periods including 1-, 3- and 5- year periods, as applicable. With respect to these portfolio managers, such benchmarks for the Fund and other accounts are: a combination of market-based indices (e.g., Standard & Poor's Municipal Bond Index), certain customized indices and certain fund industry peer groups.

**Distribution of Discretionary Incentive Compensation.** Discretionary incentive compensation is distributed to portfolio managers in a combination of cash, deferred BlackRock, Inc. stock awards, and/or deferred cash awards that notionally track the return of certain BlackRock investment products.

Portfolio managers receive their annual discretionary incentive compensation in the form of cash. Portfolio managers whose total compensation is above a specified threshold also receive deferred BlackRock, Inc. stock awards annually as part of their discretionary incentive compensation. Paying a portion of discretionary incentive compensation in the form of deferred BlackRock, Inc. stock puts compensation earned by a portfolio manager for a given year at risk based on BlackRock's ability to sustain and improve its performance over future periods. In some cases, additional deferred BlackRock, Inc. stock may be granted to certain key employees as part of a long-term incentive award to aid in retention, align interests with long-term shareholders and motivate performance. Deferred BlackRock, Inc. stock awards are generally granted in the form of BlackRock, Inc. restricted stock units that vest pursuant to the terms of the applicable plan and, once vested, settle in BlackRock, Inc. common stock. The portfolio managers of this Fund have deferred BlackRock, Inc. stock awards.

For certain portfolio managers, a portion of the discretionary incentive compensation is also distributed in the form of deferred cash awards that notionally track the returns of select BlackRock investment products they manage, which provides direct alignment of portfolio manager discretionary incentive compensation with investment product results. Deferred cash awards vest ratably over a number of years and, once vested, settle in the form of cash. Only portfolio managers who manage specified products and whose total compensation is above a specified threshold are eligible to participate in the deferred cash award program.

**Other Compensation Benefits.** In addition to base salary and discretionary incentive compensation, portfolio managers may be eligible to receive or participate in one or more of the following:

*Incentive Savings Plans* BlackRock, Inc. has created a variety of incentive savings plans in which BlackRock, Inc. employees are eligible to participate, including a 401(k) plan, the BlackRock Retirement Savings Plan (RSP), and the BlackRock Employee Stock Purchase Plan (ESPP). The employer contribution components of the RSP include a company match equal to 50% of the first 8% of eligible pay contributed to the plan capped at \$5,000 per year, and a company retirement contribution equal to 3-5% of eligible compensation up to the Internal Revenue Service limit (\$275,000 for 2018). The RSP offers a range of investment options, including registered investment companies and collective investment funds managed by the firm. BlackRock, Inc. contributions follow the investment direction set by participants for their own contributions or, absent participant investment direction, are invested into a target date fund that corresponds to, or is

closest to, the year in which the participant attains age 65. The ESPP allows for investment in BlackRock, Inc. common stock at a 5% discount on the fair market value of the stock on the purchase date. Annual participation in the ESPP is limited to the purchase of 1,000 shares of common stock or a dollar value of \$25,000 based on its fair market value on the purchase date. All of the eligible portfolio managers are eligible to participate in these plans.

(a)(4) *Beneficial Ownership of Securities* As of July 31, 2018.

| <b>Portfolio Manager</b> | <b>Dollar Range of Equity Securities<br/>of the Fund Beneficially Owned</b> |
|--------------------------|---|
| Michael Kalinoski, CFA   | None  |
| Walter O Connor, CFA     | None  |
| Michael Perilli          | None  |

(b) Not Applicable

Item 9 Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers  
Not Applicable due to no such purchases during the period covered by this report.

Item 10 Submission of Matters to a Vote of Security Holders There have been no material changes to these procedures.

Item 11 Controls and Procedures

(a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act")) are effective as of a date within 90 days of the filing of this report based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rule 13a-15(b) under the Securities Exchange Act of 1934, as amended.

(b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act) that occurred during the second fiscal quarter of the period covered by this report that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12 Disclosure of Securities Lending Activities for Closed-End Management Investment Companies Not Applicable

Item 13 Exhibits attached hereto

(a)(1) Code of Ethics See Item 2

(a)(2) Certifications Attached hereto

(a)(3) Not Applicable

(a)(4) Not Applicable

(b) Certifications Attached hereto

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BlackRock MuniYield Michigan Quality Fund, Inc.

By: /s/ John M. Perlowski  
John M. Perlowski  
Chief Executive Officer (principal executive officer) of

BlackRock MuniYield Michigan Quality Fund, Inc.

Date: October 4, 2018

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ John M. Perlowski  
John M. Perlowski  
Chief Executive Officer (principal executive officer) of

BlackRock MuniYield Michigan Quality Fund, Inc.

Date: October 4, 2018

By: /s/ Neal J. Andrews  
Neal J. Andrews  
Chief Financial Officer (principal financial officer) of

BlackRock MuniYield Michigan Quality Fund, Inc.

Date: October 4, 2018