BLACKROCK MUNIYIELD PENNSYLVANIA QUALITY FUND Form N-CSR/A October 10, 2017

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT

INVESTMENT COMPANIES

Investment Company Act file number: 811-07136

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

Fund Address: 100 Bellevue Parkway, Wilmington, DE 19809

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

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

Date of fiscal year end: 07/31/2017

Date of reporting period: 07/31/2017

Explanatory Note:

The Registrant is filing this amendment to its Form N-CSR for the period ended July 31, 2017, filed with the Securities and Exchange Commission on October 4, 2017 (Accession Number 0001193125-17-303156). The sole purpose of this amendment is to attach as an exhibit the Proxy Voting Policy and Procedures referenced in Item 7 of the Form N-CSR. Except as set forth above, this amendment does not amend, update or change any other items or disclosures found in the original Form N-CSR filing.

Item 1 Report to Stockholders

JULY 31, 2017

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, 2017, risk assets, such as stocks and high-yield bonds, continued to deliver strong performance. These markets showed great resilience during a period with big surprises, including the aftermath of the U.K. s vote to leave the European Union and the outcome of the U.S. presidential election, which brought only brief spikes in equity market volatility. These expressions of isolationism and discontent were countered by the closely watched and less surprising elections in France, the Netherlands and Australia.

Interest rates rose, which worked against high-quality assets with more interest rate sensitivity. Aside from the shortest-term Treasury bills, most U.S. Treasuries posted negative returns, as rising energy prices, modest wage increases and steady job growth led to expectations of higher inflation and anticipation of interest rate increases by the U.S. Federal Reserve (the Fed).

The global reflationary theme rising nominal growth, wages and inflation was the dominant driver of asset returns during the period, outweighing significant political upheavals and economic uncertainty. Reflationary expectations accelerated after the U.S. election in November 2016 and continued into the beginning of 2017, stoked by expectations that the new administration s policies would provide an extra boost to U.S. growth.

The Fed has responded to these positive developments by increasing interest rates three times in the last six months, setting expectations for additional interest rate increases and moving toward normalizing monetary policy. Divergent global monetary policy continued in earnest, as the European Central Bank and the Bank of Japan reiterated their commitments to economic stimulus despite nascent signs of sustained economic growth in both countries.

In recent months, growing skepticism about the near-term likelihood of significant U.S. tax reform and infrastructure spending has tempered enthusiasm around the reflation trade. Similarly, renewed concern about oversupply has weighed on energy prices. Nonetheless, financial markets and to an extent the Fed have adopted a wait-and-see approach to the economic data and potential fiscal stimulus. Although uncertainty has persisted, benign credit conditions, modest inflation and the positive outlook for economic growth have kept markets relatively tranquil.

Although economic momentum is gaining traction, the capacity for rapid global growth is restrained by structural factors, including an aging population, low productivity growth and excess savings, as well as cyclical factors, such as the Fed moving toward the normalization of monetary policy and the length of the current expansion. Tempered economic growth and high valuations across most assets have set the stage for muted returns going forward. At current valuation levels, potential equity gains will likely be closely tied to the pace of earnings growth, which has remained solid thus far in 2017.

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, 2017

	6-month	12-month
U.S. large cap equities	9.51%	16.04%
(S&P 500 [®] Index)		

U.S. small cap equities	5.35	18.45
(Russell 2000 [®] Index)	0.00	10110
International equities	13.79	17.77
(MSCI Europe, Australasia,		
Far East Index)		
Emerging market equities	18.98	24.84
(MSCI Emerging Markets Index)		
3-month Treasury bills	0.35	0.54
(BofA Merrill Lynch 3-Month		
U.S. Treasury Bill Index)		
U.S. Treasury securities	2.33	(5.73)
(BofA Merrill Lynch		
10-Year U.S. Treasury		
Index)		
U.S. investment grade bonds	2.51	(0.51)
(Bloomberg Barclays U.S.		
Aggregate Bond Index)		
Tax-exempt municipal bonds (S&P Municipal Bond Index)	3.40	0.36
U.S. high yield bonds	4.57	10.94
(Bloomberg Barclays U.S. Corporate High Yield 2% Issuer		

Capped Index)

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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THIS PAGE NOT PART OF YOUR FUND REPORT

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ANNUAL REPORT

Municipal Market Overview

For the Reporting Period Ended July 31, 2017 Municipal Market Conditions

Municipal bonds experienced modestly positive performance for the period as a result of vastly rising interest rates spurring from generally stronger economic data, signs of inflation pressures, Federal Reserve (Fed) monetary policy normalization, and market expectations for pro-growth fiscal policy. However, 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 income, attractive relative yield, and stability of municipal bonds amid bouts of interest rate volatility (bond prices rise as rates fall) resulting from geopolitical tensions, the contentious U.S. election, and continued global central bank divergence i.e., policy easing outside the United States while the Fed slowly engages in policy tightening. During the 12 months ended July 31, 2017, municipal bond funds garnered net inflows of approximately \$593 million (based on data from the Investment Company Institute).

For the same 12-month period, total new issuance remained robust from a historical perspective at \$412 billion (above the \$397 billion issued in the prior 12-month period). A noteworthy portion of new supply during this period was attributable to refinancing activity (roughly 57%) as issuers continued to take advantage of low interest rates and a flat yield curve to reduce their borrowing costs.

S&P Municipal Bond Index Total Returns as of July 31, 2017 6 months: 3.40% 12 months: 0.36%

A Closer Look at Yields

From July 31, 2016 to July 31, 2017, yields on AAA-rated 30-year municipal bonds increased by 62 basis points (bps) from 2.12% to 2.74%, while 10-year rates rose by 55 bps from 1.40% to 1.95% and 5-year rates increased 37 bps from 0.84% to 1.21% (as measured by Thomson Municipal Market Data). The municipal yield curve steepened over the 12-month period with the spread between 2- and 30-year maturities steepening by 20 bps.

During the same time period, on a relative basis, tax-exempt municipal bonds broadly 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. Municipal bonds came under pressure post the November U.S. election as a result of uncertainty surrounding potential tax-reform, though growing expectation that tax reform is likely to be delayed or watered down quickly eased investor concerns. 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 distress among a few issuers. Four of the five states with the largest amount of debt outstanding California, New York, Texas and Florida have exhibited markedly improved credit fundamentals during the slow national recovery. However, several states with the largest unfunded pension liabilities have seen their bond prices decline noticeably and remain vulnerable to additional price deterioration. On the local level, Chicago s credit quality downgrade is an outlier relative to other cities due to its larger pension liability and inadequate funding remedies. 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, 2017, 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 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.

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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, these objectives cannot 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 Fund s 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 Funds 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 implosed 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 asset 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.

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JULY 31, 2017

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Fund Summary as of July 31, 2017

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, 2017 (\$14.75) ¹	5.00%
Tax Equivalent Yield ²	10.19%
Current Monthly Distribution per Common Share ³	\$0.0615
Current Annualized Distribution per Common Share ³	\$0.7380
Economic Leverage as of July 31, 2017 ⁴	41%

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 50.93%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and 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, 2017 were as follows:

	Returns Ba	ised On
	Market Price	NAV
MUC ^{1,2}	(4.73)%	(1.08)%
Lipper California Municipal Debt Funds ³	(4.75)%	(0.88)%

- ¹ All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- ² The Fund s discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

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

The municipal bond market generated mixed returns in the 12-month reporting period. Municipal bonds initially moved lower in the third calendar quarter of 2016 due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump s election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

California municipal bonds performed slightly better than national municipal bonds during the period. California s 2017 2018 budget demonstrated both spending restraint and growing reserves, with a forecast that projects structural balance through 2019. The state s economy has grown at a healthy rate in recent years, with median household income and job gains outpacing U.S. growth rates.

Exposure to the school district and health care sectors detracted from performance. The Fund s position in zero coupon bonds, while fairly limited, also detracted since the bonds longer durations accentuated impact of the down market. (Duration is a measure of interest rate sensitivity.)

Reinvestment was a further drag on results, as the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at materially lower prevailing rates.

Portfolio income made the most significant positive contribution during a period in which bond prices lost ground. The Fund s use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

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 exposure to pre-refunded issues benefited performance, as their low duration enabled them to hold up better than longer-duration bonds at a time of rising 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.

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BlackRock MuniHoldings California Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary					
Market Price Net Asset Value	7/31/17 \$ 14.75 \$ 15.53	7/31/16 \$ 16.28 \$ 16.51	Change (9.40)% (5.94)%	High \$ 16.35 \$ 16.54	Low \$ 13.53 \$ 14.92

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

Overview of the Fund s Total Investments*

Sector Allocation	7/31/17	7/31/16
County/City/Special District/School District	37%	
Health	18	14
Transportation	18	15
Utilities	16	19
State	5	5
Education	4	5
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 ²	
Calendar Year Ended December 31,	
2017	2%
2018	12
2019	14
2020	5
2021	13

 2 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 ¹	7/31/17	7/31/16
AAA/Aaa	14%	16%
AA/Aa	70	73
Α	13	8
BBB/Baa	2	1
N/R	1	2

¹ 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.

ANNUAL REPORT

JULY 31, 2017

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Fund Summary as of July 31, 2017

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, 2017 (\$14.88) ¹	5.44%
Tax Equivalent Yield ²	10.56%
Current Monthly Distribution per Common Share ³	\$0.0675
Current Annualized Distribution per Common Share ³	\$0.8100
Economic Leverage as of July 31, 2017 ⁴	39%

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 48.48%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and 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, 2017 were as follows:

	Returns Ba	Returns Based On	
	Market Price	NAV	
MUJ ^{1,2}	(2.44)%	(0.57)%	
Lipper New Jersey Municipal Debt Funds ³	(4.61)%	(0.95)%	

- ¹ All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- ² The Fund s discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

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

The municipal bond market generated mixed returns in the 12-month reporting period. Municipal bonds initially moved lower in the third calendar quarter of 2016 due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump s election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

New Jersey state general obligations and appropriated issues underperformed the broader national market, as the major rating agencies downgraded the state s credit rating over the past year.

The Fund s position in zero coupon bonds, while fairly limited, detracted since the bonds longer durations accentuated impact of the down market. (Duration is a measure of interest rate sensitivity.)

Reinvestment was a further drag on results, as the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at materially lower prevailing rates.

Portfolio income made the most significant positive contribution during a period in which bond prices lost ground. The Fund s use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

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 exposure to pre-refunded issues benefited performance, as their low duration enabled them to hold up better than longer-duration bonds at a time of rising yields. Positions in the transportation and housing sectors also contributed to 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.

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BlackRock MuniHoldings New Jersey Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary					
Market Price Net Asset Value	7/31/17 \$ 14.88 \$ 15.57	7/31/16 \$ 16.12 \$ 16.55	Change (7.69)% (5.92)%	High \$ 16.25 \$ 16.57	Low \$ 13.60 \$ 14.88

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

Overview of the Fund s Total Investments*

Sector Allocation	7/31/17	7/31/16
Transportation	27%	24%
Education	20	21
State	19	20
County/City/Special District/School District	14	15
Health	12	11
Housing	4	4
Utilities	2	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 ²	
Calendar Year Ended December 31,	
2017	5%
2018	9
2019	4
2020	8
2021	16

² 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 ¹	7/31/17	7/31/16
AAA/Aaa	8%	
AA/Aa	43	57%
A	31	35

BBB/Baa

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¹ 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.

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JULY 31, 2017

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Fund Summary as of July 31, 2017

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, 2017 (\$14.67) ¹	5.48%
Tax Equivalent Yield ²	9.68%
Current Monthly Distribution per Common Share ³	\$0.0670
Current Annualized Distribution per Common Share ³	\$0.8040
Economic Leverage as of July 31, 2017 ⁴	40%

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

- ² Tax equivalent yield assumes the maximum marginal U.S. federal tax rate of 43.4%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VMTP Shares and 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, 2017 were as follows:

	Returns Based On	
	Market Price	NAV
MFT ^{1,2}	(3.39)%	(0.51)%
Lipper General & Insured Municipal Debt Funds (Leveraged) ³	(1.54)%	(0.78)%

¹ All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.

² The Fund s premium to NAV narrowed during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

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

The municipal bond market generated mixed returns in the 12-month reporting period. Municipal bonds initially moved lower in the third calendar quarter of 2016 due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump s election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Positions in intermediate- and longer-dated maturities declined the most in value, as they typically have longer durations relative to shorter maturities. (Duration is a measure of interest rate sensitivity.) In addition, the Fund s exposure to 4% coupon bonds detracted given that lower coupons typically underperform in a rising-rate environment.

The Fund s positions in high-quality, short-duration pre-refunded securities contributed positively to performance. At a time of rising yields, pre-refunded securities performed well relative to longer-duration issues due in part to their higher coupon income. However, positions in A-rated bonds generally lagged both their higher- and lower-rated counterparts.

Allocations to transportation and tax-backed (local) issues made the largest contributions to performance at the sector level, while positions in utilities and tax-backed (state) districts detracted.

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.

While the Fund s use of leverage enhanced portfolio income, the benefits of this strategy were somewhat reduced given the modest rise in funding costs associated with less accommodative central bank monetary policy. In addition, leverage exacerbated the impact of declining bond prices.

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.

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BlackRock MuniYield Investment Quality Fund

	7/31/17	7/31/16	Change	High	Low
Market Price	\$ 14.67	\$ 16.09	(8.83)%	\$ 16.43	\$13.23
Net Asset Value	\$ 14.60	\$ 15.55	(6.11)%	\$ 15.55	\$ 14.10

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

Overview of the Fund s Total Investments*

Sector Allocation	7/31/17	7/31/16
Transportation	39%	40%
County/City/Special District/School District	17	15
Utilities	17	19
Health	11	10
State	7	9
Education	4	3
Housing	3	2
Tobacco	1	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 Schedule²

Calendar Year Ended December 31,	
2017	3
2018	10%
2019	24
2020	4
2021	20

² Scheduled maturity dates and/or bonds that are subject to potential calls by issuers over the next five years.

³ Represents less than 1% of the Fund s total investments.

* Excludes short-term securities.		
Credit Quality Allocation ¹	7/31/17	7/31/16
AAA/Aaa	7%	6%

AA/Aa	59	62
A	22	25
BBB/Baa	11	7
N/R	1	

¹ 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.

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Fund Summary as of July 31, 2017

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, 2017 (\$14.19) ¹	5.41%
Tax Equivalent Yield ²	9.98%
Current Monthly Distribution per Common Share ³	\$0.0640
Current Annualized Distribution per Common Share ³	\$0.7680
Economic Leverage as of July 31, 2017 ⁴	38%

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

- ² Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 45.81%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and 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, 2017 were as follows:

	Returns Ba	Returns Based On	
	Market Price	NAV	
MIY ^{1,2}	(2.56)%	(0.07)%	
Lipper Other States Municipal Debt Funds ³	(3.77)%	(1.21)%	

¹ All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.

² The Fund s discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

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

The municipal bond market generated mixed returns in the 12-month reporting period. Municipal bonds initially moved lower in the third calendar quarter of 2016 due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump s election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Michigan municipal bonds solidly outperformed national municipals during the period. Michigan s overall financial prospects exhibited positive trends. For example, the state s unemployment rate fell below the national average in June after having trailed behind for several years, and it now stands at its lowest level since 2000. New issuance in the state was quite low, which was beneficial from a performance aspect. However, it also meant fewer investment opportunities.

The Fund s exposure to the longer end of the yield curve detracted as longer-term bonds sold off more than the shorter-term issues. Positions in lower coupon securities also generally detracted from performance due to their longer duration characteristics. (Duration is a measure of interest rate sensitivity.)

Portfolio income made the most significant positive contribution to performance during a time in which bond prices lost ground. The Fund s use of leverage, while enhancing income, also exacerbated the impact of declining bond prices.

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 exposure to the education sector was a positive contributor, as these holdings outperformed. Additionally, exposure to the pre-refunded sector was beneficial as these high-quality, short-duration securities outperformed at a time of rising 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.

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BlackRock MuniYield Michigan Quality Fund, Inc.

Market Price and Net Asset Value Per Share Summary

	7/31/17	7/31/16	Change	High	Low
Market Price	\$ 14.19	\$ 15.38	(7.74)%	\$ 15.40	\$13.17
Net Asset Value	\$ 15.48	\$ 16.36	(5.38)%	\$ 16.36	\$ 14.82

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

Overview of the Fund s Total Investments*

Sector Allocation	7/31/17	7/31/16
Health	26%	25%
Education	24	23
County/City/Special District/School District	17	19
State	11	9
Utilities	10	10
Transportation	7	7
Housing	3	4
Corporate	2	3

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 ³	
Calendar Year Ended December 31,	
2017	2%
2018	12
2019	5
2020	4
2021	17

³ 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 ¹	7/31/17	7/31/16
AAA/Aaa	5%	3%
AA/Aa	64	69
A	26	26
BBB/Baa	3	1
N/R	2 ²	1

- ¹ 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.
- ² 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, 2017, the market value of unrated securities deemed by the investment adviser to be investment grade represents 1% of the Fund s total investments.

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Fund Summary as of July 31, 2017

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, 2017 (\$14.69) ¹	5.09%
Tax Equivalent Yield ²	9.28%
Current Monthly Distribution per Common Share ³	\$0.0623
Current Annualized Distribution per Common Share ³	\$0.7476
Economic Leverage as of July 31, 2017 ⁴	40%

- ¹ Yield on closing market price is calculated by dividing the current annualized distribution per share by the closing market price. Past performance does not guarantee future results.
- ² Tax equivalent yield assumes the maximum marginal U.S. federal and state tax rate of 45.14%, which includes the 3.8% Medicare tax. Actual tax rates will vary based on income, exemptions and deductions. Lower taxes will result in lower tax equivalent yields.
- ³ The distribution rate is not constant and is subject to change.
- ⁴ Represents VRDP Shares and 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, 2017 were as follows:

	Returns Ba	Returns Based On	
	Market Price	NAV	
MPA ^{1,2}	(3.83)%	(1.20)%	
Lipper Pennsylvania Municipal Debt Funds ³	(6.23)%	(1.13)%	

- ¹ All returns reflect reinvestment of dividends and/or distributions at actual reinvestment prices.
- ² The Fund s discount to NAV widened during the period, which accounts for the difference between performance based on price and performance based on NAV.

³ Average return. Returns reflect reinvestment of dividends and/or distributions at NAV on the ex-dividend date as calculated by Lipper. Performance results may include adjustments made for financial reporting purposes in accordance with U.S. generally accepted accounting principles.

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

The municipal bond market generated mixed returns in the 12-month reporting period. Municipal bonds initially moved lower in the third calendar quarter of 2016 due to a pick-up in new tax-exempt issuance and rising yields in the U.S. Treasury market. (Prices and yields move in opposite directions.) The weakness accelerated in November once Donald Trump s election victory caused investors to factor in the possibility of faster economic growth and tighter Fed policy. As optimism for meaningful fiscal reforms subsequently waned and the economy failed to experience a significant acceleration, municipal bonds stabilized and retraced the majority of their post-election losses.

Pennsylvania s economic growth remained below the national rate, continuing a trend that has been in place since the 2008 2009 recession. In addition, the rating agency Standard & Poor s placed the state on Credit Watch Negative for its failure to pass a balanced budget. While the state does have the ability to raise taxes, lawmakers instead have relied on optimistic revenue assumptions, leading to budget gaps. Despite these issues, Pennsylvania s municipal market outpaced the broader national indices behind a positive balance of low new-issue supply and robust investor demand.

At the sector level, education was the largest detractor from performance. Holdings in the corporate municipal sector also detracted, as a specific issuer received a multi-notch downgrade due to its deteriorating credit fundamentals.

The Fund s position in zero coupon bonds, while fairly limited, detracted since the bonds longer durations accentuated impact of the down market. (Duration is a measure of interest rate sensitivity.)

Reinvestment was a further drag on results, as the proceeds of higher-yielding bonds that matured or were called needed to be reinvested at materially lower prevailing rates.

Portfolio income made the most significant positive contribution during a period in which bond prices lost ground. The Fund s use of leverage, while enhancing the level of income, also exacerbated the impact of declining bond prices.

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 exposure to pre-refunded issues benefited performance, as their low duration enabled them to hold up better than longer-duration bonds at a time of rising 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.

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BlackRock MuniYield Pennsylvania Quality Fund

Market Price and Net Asset Value Per Share Summary

	7/31/17	7/31/16	Change	High	Low
Market Price	\$ 14.69	\$ 16.07	(8.59)%	\$ 16.66	\$ 13.75
Net Asset Value	\$ 15.74	\$ 16.76	(6.09)%	\$ 16.77	\$ 14.94

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

Overview of the Fund s Total Investments*

Sector Allocation	7/31/17	7/31/16
Education	22%	20%
Health	20	20
County/City/Special District/School District	19	20
State	13	13
Transportation	12	12
Housing	7	7
Utilities	5	6
Corporate	2	2

For Fund compliance purposes, the Fund s sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Call/Maturity Schedule ⁴	
Calendar Year Ended December 31,	
2017	3%
2018	10
2019	11
2020	7
2021	14

⁴ 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 ¹	7/31/17	7/31/16
AAA/Aaa	1%	1%
AA/Aa	62	62
A	27	23

BBB/Baa	8	6
BB/Ba	2	2
N/R	2	6 ³

- ¹ 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.
- ² Represents less than 1% of the Fund s total investments.
- ³ 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, 2016, the market value of unrated securities deemed by the investment adviser to be investment grade represents 2% of the Fund s total investments.

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Schedule of Investments July 31, 2017

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

(Percentages shown are based on Net Assets)

Municipal Danda	Par (000)	Value	
Municipal Bonds California 107.5%	(000)	value	
Corporate 2.7%			
California Pollution Control Financing Authority, Refunding RB, Waste Management, Inc.,			
AMT:			
Series A-1, 3.38%, 7/01/25	\$ 5,000	\$ 5,262,750	
Series B-1, 3.00%, 11/01/25	9,000	9,298,710	
City of Chula Vista California, Refunding RB, San Diego Gas & Electric, Series A, 5.88%,			
2/15/34	2,435	2,632,040	
		17,193,500	
County/City/Special District/School District 33.7%			
California Municipal Finance Authority, RB, Orange County Civic Center Infrastructure			
Improvement Program Phase I, 5.00%, 6/01/42	4,445	5,201,139	
Centinela Valley Union High School District, GO, Election of 2010, Series A, 5.75%, 8/01/21			
(a)	9,120	10,775,736	
Chaffey Joint Union High School District, GO, CAB, Election of 2012, Series C (b):			
0.00%, 8/01/32	250	143,880	
0.00%, 8/01/33	500	271,795	
0.00%, 8/01/34	510	264,945	
0.00%, 8/01/35	545	269,421	
0.00%, 8/01/36	500	235,575	
0.00%, 8/01/37	650 625	291,922 268,281	
0.00%, 8/01/38 0.00%, 8/01/39	625 750	307,763	
0.00%, 8/01/39	1,855	728,013	
0.00%, 8/01/40	305	114,253	
0.00%, 2/01/42	350	127,803	
County of Alameda Joint Powers Authority, Refunding RB, (AGM), 5.00%, 12/01/17 (a)	12,180	12,352,469	
County of Kern California, COP, Capital Improvements Projects, Series A (AGC),	12,100	12,552,409	
6.00%, 2/01/19 (a)	3,500	3,766,805	
County of Los Angeles California Public Works Financing Authority, Refunding RB, Series D,	5,500	5,700,005	
5.00%, 12/01/45	1,430	1,650,835	
County of Orange California Sanitation District, COP, Series A, 5.00%, 2/01/19 (a)	2,500	2,653,400	
County of San Joaquin California Transportation Authority, Refunding RB, Limited Tax,	,	···· / ···	
Measure K, Series A, 6.00%, 3/01/21 (a)	2,665	3,123,646	
County of Ventura California Community College District, GO, Election of 2002, Series C,			
5.50%, 8/01/18 (a)	4,000	4,184,120	
Culver City Redevelopment Finance Authority California, Refunding, Tax Allocation Bonds,			
Series A (AGM), 5.60%, 11/01/25	3,750	3,762,750	
Denair California Unified School District, GO, CAB (AGM), Election of 2007, 0.00%, 8/01/41			
(b)	4,260	1,589,576	
Foothill-De Anza Community College District, GO, Refunding, 4.00%, 8/01/40	7,900	8,461,058	
M	Par	X7.1	
Municipal Bonds	(000)	Value	
California (continued) County/City/Special District/School District (continued)			
Fremont Union High School District, GO, Refunding, 4.00%, 8/01/40	\$ 2,500	\$ 2,655,175	
Garden Grove Unified School District, GO, Election of 2010, Series C, 5.25%, 8/01/40	\$ 2,500 5,500	\$ 2,055,175 6,461,730	
Gavilan Joint Community College District, GO, Election of 2004, Series D:	5,500	0,401,750	
5.50%, 8/01/31	2,170	2,514,704	
5.75%, 8/01/35	8,400	9,674,196	
Grossmont California Healthcare District, GO, Election of 2006, Series B, 6.13%, 7/15/21 (a)	2,000	2,389,340	
Imperial Irrigation District, Series A, Electric System Revenue (a):	,	·····	
5.13%, 11/01/18	6,530	6,879,616	
5.13%, 11/01/18	1,470	1,548,704	
Kern Community College District, GO, Safety Repair & Improvements, Series C:		-	
5.25%, 11/01/32	5,715	6,797,250	
5.75%, 11/01/34	12,085	14,735,966	
Los Alamitos Unified School District, GO, Refunding, School Facilities Improvement:			
5.25%, 8/01/23 (a)	2,185	2,680,099	

5.25%, 8/01/39	1,515	1,780,852
Los Rios Community College District, GO, Election of 2008, Series A, 5.00%, 8/01/35	11,000	12,144,330
Mount San Jacinto Community College District, GO, Series A, 5.00%, 8/01/35	3,565	4,151,407
Oxnard Union High School District, GO, Refunding, Election of 2004, Series A (AGM),		
5.00%, 8/01/35	10,000	10,966,100
Redlands Unified School District California, GO, Election of 2008 (AGM), 5.25%, 7/01/33	5,000	5,195,950
Rio Elementary School District, GO, Series A (AGM), 5.25%, 8/01/40	5,865	6,879,352
Riverside County Public Financing Authority, Tax Allocation Bonds, Series A (BAM),		
4.00%, 10/01/40	2,545	2,655,198
San Diego Regional Building Authority, RB, County Operations Center & Annex, Series A,		
5.50%, 2/01/19 (a)	905	967,264
San Francisco Bay Area Rapid Transit District, GO, Election of 2016, Green Bonds, Series A,		
4.00%, 8/01/42	11,585	12,444,723
San Jose California Financing Authority, LRB, Convention Center Expansion & Renovation		
Project, Series A:		
5.75%, 5/01/36	2,560	2,567,424
5.75%, 5/01/42	4,500	5,157,540
San Jose California Financing Authority, Refunding LRB, Civic Center Project, Series A,		
5.00%, 6/01/39	5,800	6,609,332

Portfolio Abbreviations

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

See Notes to Financial Statements.

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Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

	Par	
Municipal Bonds California (continued)	(000)	Value
County/City/Special District/School District (continued)		
San Marcos Redevelopment Agency Successor Agency, Refunding, Tax Allocation Bonds,		
Series A:	¢ 1.700	¢ 1.007.144
5.00%, 10/01/32 5.00%, 10/01/33	\$ 1,700 1,125	\$ 1,986,144 1,308,983
Snowline Joint Unified School District, COP, Refunding, Refining Project (AGC),	1,125	1,508,985
5.75%, 9/01/19 (a)	5,635	6,197,767
Solano County Community College District, GO, Election of 2012, Series C, 5.25%, 8/01/42	1,150	1,407,761
West Contra Costa California Unified School District, GO:		
Election of 2010, Series A (AGM), 5.25%, 8/01/41	5,390	6,166,807
Election of 2010, Series B, 5.50%, 8/01/39	3,195	3,806,363
Election of 2012, Series A, 5.50%, 8/01/39 Yuba Community College District CO, PAM, Election of 2006, Series C, 0.00%, 8/01/28 (b)	2,500 5,150	2,978,375 2,326,512
Yuba Community College District, GO, BAM, Election of 2006, Series C, 0.00%, 8/01/38 (b)	5,150	2,520,512
		214,580,149
Education 1.7%		
California Municipal Finance Authority, RB, Emerson College, 6.00%, 1/01/42	2,750	3,148,805
California Municipal Finance Authority, Refunding RB, Biola University:		531 350
5.00%, 10/01/37	500	574,750 572,885
5.00%, 10/01/39 University of California Refunding RB Series AO 5.00% 5/15/40	500 5,430	572,885 6,322,529
University of California, Refunding RB, Series AO, 5.00%, 5/15/40	5,450	0,322,329
		10,618,969
Health 15.0%		
ABAG Finance Authority for Nonprofit Corps., Refunding RB, Sharp Healthcare, Series B,	6 205	6 000 100
6.25%, 8/01/39 Colifornia Haalth Eggilitias Eingnaing Authority, PP:	6,305	6,928,438
California Health Facilities Financing Authority, RB: Children s Hospital, Series A, 5.25%, 11/01/41	8,000	8,946,640
Providence Health Services, Series B, 5.50%, 10/01/39	4,130	4,477,085
Sutter Health, Series B, 6.00%, 8/15/42	9,655	10,984,204
California Health Facilities Financing Authority, Refunding RB, Series A:		
Dignity Health, 6.00%, 7/01/19 (a)	3,700	4,054,016
Providence Health and Services, 5.00%, 10/01/38	10,970	12,634,478
St. Joseph Health System, 5.00%, 7/01/37	10,000	11,355,100
California Municipal Finance Authority, Refunding RB, Series A:	1 510	1 726 195
Community Medical Centers, 5.00%, 2/01/32 Community Medical Centers, 5.00%, 2/01/37	1,510 3,110	1,736,485 3,532,711
Community Medical Centers, 5.00%, 2/01/37	5,250	5,918,010
Eisenhower Medical Center, 5.00%, 7/01/42	6,370	7,164,594
Eisenhower Medical Center, 5.00%, 7/01/47	5,500	6,151,090
California Statewide Communities Development Authority, Refunding RB:	<i>,</i>	
CHF-Irvine LLC, 5.00%, 5/15/40	750	840,473
John Muir Health, Series A, 5.00%, 8/15/51	1,635	1,846,389
Trinity Health Credit Group Composite Issue, 5.00%, 12/01/41	6,235	6,982,764
Washington Township Health Care District, GO, Election of 2004, Series B, 5.50%, 8/01/38	1,625	1,986,481
		95,538,958
	Par	
Municipal Bonds	(000)	Value
California (continued)		
State 8.4% State of California, GO, Refunding, 5.00%, 8/01/30	\$ 5,000	\$ 6,095,450
State of California, GO: Various Purposes, 6.00%, 3/01/33	5,000	5,623,900
Various Purposes, 6.00%, 4/01/38	27,765	30,002,859
Refunding, Veterans Bond, 4.00%, 12/01/40	4,000	4,186,240
State of California Public Works Board, LRB:		
Department of Education, Riverside Campus Project, Series B, 6.50%, 4/01/34	3,670	3,996,043
Various Capital Projects, Series I, 5.50%, 11/01/33	2,015	2,411,632
	1,205	1,403,114

State of California Public Works Board, RB, California State Prisons, Series C, 5.75%, 10/01/31

		53,719,238
Transportation 26.9%		
Alameda Corridor Transportation Authority, Refunding RB, 2nd Subordinate Lien, Series B, 5.00%, 10/01/35	1,500	1,711,695
Bay Area Toll Authority, Refunding RB, San Francisco Bay Area Toll Bridge, Series D, 1.46%, 4/01/45 (c)	5,000	5,018,200
City & County of San Francisco California Airports Commission, ARB, Series E, 6.00%, 5/01/39	9,650	10,485,497
City & County of San Francisco California Airports Commission, Refunding ARB, AMT: 2nd Series 34E (AGM), 5.75%, 5/01/22 2nd Series A, 5.00%, 5/01/29	4,950 6,435	5,130,378 7,379,980
City & County of San Francisco California Airports Commission, Refunding RB, AMT (AGM):	0,435	7,579,980
2nd Series 32, 5.75%, 5/01/18 (a)	2,290	2,372,394
2nd Series 34, 5.75%, 5/01/18 (a) 2nd Series 34E, 5.75%, 5/01/24	1,870 840	1,937,283 870,475
City of Long Beach California Harbor Revenue, Refunding RB, Series C, 5.00%, 5/15/47 City of Los Angeles California Department of Airports, ARB:	5,600	6,574,848
AMT, Senior Series A, 5.00%, 5/15/40	3,830	4,355,514
Los Angeles International Airport, Senior Series D, 5.25%, 5/15/29	2,590	2,890,181
Series D, AMT, 5.00%, 5/15/35	2,000	2,295,360
Series D, AMT, 5.00%, 5/15/36 City of Los Angeles California Department of Airports, Refunding ARB, Los Angeles	1,500	1,718,145
International Airport, Series A:		
Senior, 5.00%, 5/15/40	3,000	3,300,330
5.25%, 5/15/39	5,845	6,271,100
City of Los Angeles California Department of Airports, Sub-Series A, AMT, 5.00%, 5/15/47 City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International Airport SJC, AMT:	2,440	2,806,488
Series A, 5.00%, 3/01/41	3,075	3,539,602
Series A-1, 5.25%, 3/01/23	3,785	4,270,615
Series A-1, 6.25%, 3/01/34	1,400	1,633,030
County of Sacramento California, Refunding ARB, Senior Series A, 5.00%, 7/01/41 County of Sacramento California, ARB:	2,500	2,880,125
Senior Series A (AGC), 5.50%, 7/01/18 (a)	8,200	8,548,910
Senior Series B, 5.75%, 7/01/39	2,650	2,760,929
Senior Series B, AMT (AGM), 5.75%, 7/01/28	13,275	13,850,073
Senior Series B, AMT (AGM), 5.25%, 7/01/33	18,000	18,654,840
Senior Series B, AMT (AGM), 5.25%, 7/01/39	4,995	5,152,992

See Notes to Financial Statements.

ANNUAL REPORT

Schedule of Investments (continued)

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

	Par		
Municipal Bonds	(000)	Value	
California (continued)			
Transportation (continued)			
County of Sacramento California Airport System Revenue, Refunding ARB, Airport System			
Subordinate Revenue, Sub-Series B, 5.00%, 7/01/41	\$ 1,250	\$ 1,440,063	
County of San Bernardino California Transportation Authority, RB, Series A, 5.25%, 3/01/40	4,545	5,320,332	
County of San Diego Regional Airport Authority, RB, Subordinate, Series B, AMT (d):	7.015	8 000 270	
5.00%, 7/01/42	7,015 3,750	8,099,379	
5.00%, 7/01/47 Norman X Minata San Jaca International Airport SIC, Bafunding ABB, Sorias A, AMT	5,750	4,309,012	
Norman Y Mineta San Jose International Airport SJC, Refunding ARB, Series A, AMT,	11 770	13,475,002	
5.00%, 3/01/47 Port of Los Angeles California Harbor Department, RB, Series B, 5.25%, 8/01/19 (a)	11,770 5,530	6,006,299	
Port of Los Angeles California Harbor Department, Refunding RB, Series A, AMT, 5.00%,	5,550	0,000,299	
8/01/44	500	558,370	
San Francisco Municipal Transportation Agency, RB, 4.00%, 3/01/46	5,000	5,310,800	
Sun Francisco intunicipal Fransportation Agency, RD, 10076, 5701710	5,000	5,510,000	
		170,928,241	
Utilities 19.1%			
Anaheim Public Financing Authority, RB, Electric System Distribution Facilities, Series A,			
5.38%, 10/01/36	2,200	2,493,524	
City of Los Angeles California Department of Water & Power, RB, Series A:			
5.38%, 7/01/38	9,375	9,940,875	
5.00%, 7/01/41	1,705	1,991,457	
City of Los Angeles California Department of Water & Power, Refunding RB, Water System,			
Series A:	16,000	10 101 500	
5.25%, 7/01/39	16,000	18,191,520	
5.00%, 7/01/46 City of Los Angeles California Wastewater System Revenue, Refunding RB, Sub-Series A:	5,845	6,788,851	
5.00%, 6/01/20 (a)	1,325	1,472,155	
5.00%, 6/01/28	675	747,475	
City of San Francisco California Public Utilities Commission Water Revenue, RB:	075	141,415	
Series A, 5.00%, 11/01/39	5,245	6,023,987	
Series B, 5.00%, 11/01/19 (a)	10,000	10,904,000	
County of Kern California Water Agency Improvement District No. 4, Refunding RB, Series A	10,000	10,001,000	
(AGM):			
4.00%, 5/01/35	1,460	1,539,336	
4.00%, 5/01/36	1,430	1,502,143	
County of Los Angeles Sanitation Districts Financing Authority, RB, Series A, 4.00%, 10/01/42	4,935	5,190,189	
County of Sacramento California Sanitation Districts Financing Authority, RB, (NPFGC),			
5.00%, 12/01/36	1,010	1,027,412	
Dublin-San Ramon Services District Water Revenue, Refunding RB, 6.00%, 8/01/41	4,000	4,635,600	
Eastern Municipal Water District, COP, Series H, 5.00%, 7/01/18 (a)	2,505	2,599,464	
El Dorado Irrigation District/El Dorado County Water Agency, Refunding RB, Series A			
(AGM), 5.25%, 3/01/39	10,000	11,692,600	
Los Angeles Department of Water & Power System Revenue, RB, Power System, Series C,			
5.00%, 7/01/47	2,090	2,473,766	
	Par	¥7. ¥	
Municipal Bonds	(000)	Value	
California (continued) Utilities (continued)			
San Diego Public Facilities Financing Authority Sewer, Refunding RB, Senior Series A (a):			
5.25%, 5/15/19	\$ 1,060	\$ 1,141,726	
5.25%, 5/15/19	10,000	10,771,000	
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B,	10,000	10,771,000	
5.50%, 8/01/19 (a)	8,000	8,723,600	
San Juan Water District, Refunding RB, San Juan & Citrus Heights, 5.25%, 2/01/33	7,325	8,409,759	
Santa Clara Valley Water District, Refunding RB, Series A, 5.00%, 6/01/46	3,000	3,499,530	
· · · · · · · · · · · · · · · · · · ·	- ,	· , · · ,- · · ·	
		121,759,969	
Total Municipal Bonds 107.5%		684,339,024	
total manapai Donus 107.570		007,337,024	

Municipal Bonds Transferred to

Tender Option Bond Trusts (e)

California 60.7%		
County/City/Special District/School District 28.0%		
County of Riverside California Public Financing Authority, RB, Capital Facilities Project,		
5.25%, 11/01/45	10,000	11,720,791
County of San Luis California Obispo Community College District, GO, Refunding, Election of		
2014, Series A, 4.00%, 8/01/40	6,585	6,902,043
County of San Mateo California Community College District, GO, Series A, 5.00%, 9/01/45	17,615	20,428,102
Foothill-De Anza Community College District, GO, Series C, 5.00%, 8/01/21 (a)	40,000	46,210,000
Los Angeles Community College District California, GO (a):		
Election of 2001, Series E-1, 5.00%, 8/01/18	11,770	12,253,394
Election of 2003, Series F-1, 5.00%, 8/01/18	10,000	10,410,700
Los Angeles Community College District California, GO, Refunding, Election of 2008, Series		
A, 6.00%, 8/01/19 (a)	9,596	10,564,666
Palomar California Community College District, GO, Election of 2006, Series C, 5.00%,		
8/01/44	15,140	17,453,846
Sacramento Area Flood Control Agency, Refunding RB, Consolidated Capital Assessment		
District No. 2, Series A, 5.00%, 10/01/43	9,990	11,667,720
Southwestern Community College District, GO, Election of 2008, Series D, 5.00%, 8/01/44	10,820	12,456,958
West Valley-Mission Community College District, GO, Election of 2012, Series B,		
4.00%, 8/01/40	17,000	18,151,240
		178,219,460
Education 5.8%		
University of California, RB:		
Series AM, 5.25%, 5/15/44	10,210	12,078,737
Series O, 5.75%, 5/15/19 (a)	11,192	12,156,730
University of California, Refunding RB:		
Series A, 5.00%, 11/01/43	6,001	7,005,507
Series AF, 5.00%, 5/15/39	5,000	5,786,350
		37,027,324
		,

See Notes to Financial Statements.

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ANNUAL REPORT

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Municipal Bonds Transferred to

Numerpai bonus Transferreu to		
	Par	
Tender Option Bond Trusts (e) California (continued)	(000)	Value
Health 14.9%		
California Health Facilities Financing Authority, Refunding RB, Kaiser Permanent,		
Sub-Series A-2, 4.00%, 11/01/44	\$ 17,720	\$ 18,554,612
California Health Facilities Financing Authority, RB, Sutter Health, Series A, 5.00%, 8/15/52	14,520	16,011,494
California Health Facilities Financing Authority, Refunding RB:		
Lucile Salter Packard Children s Hospital, Series B, 5.00%, 8/15/55	4,500	5,142,375
Sutter Health, Series A, 5.00%, 8/15/43 California Statewide Communities Development Authority, RB, Kaiser Permanente, Series A,	19,425	22,062,615
5.00%, 4/01/42	19,070	21,201,454
Regents of the University of California Medical Center Pooled Revenue, Refunding RB,	19,070	21,201,454
Series L, 5.00%, 5/15/41	10,375	11,993,164
		94,965,714
Transportation 4.0%		
City of Los Angeles California Department of Airports, RB, AMT:		
Los Angeles International Airport, Series B, 5.00%, 5/15/41	3,641	4,169,946
Senior Revenue, Series A, 5.00%, 5/15/40	5,500	6,254,655
Series D, 5.00%, 5/15/41	13,332	15,111,154
114144 oc 9 0 01		25,535,755
Utilities 8.0% City of Los Angeles California Wastewater System, RB, Green Bonds, Series A, 5.00%,		
6/01/44	13,790	16,025,911
County of San Diego California Water Authority Financing Corp., COP, Refunding,	15,790	10,020,711
Series A (AGM) (a):		
5.00%, 5/01/18	2,777	2,864,119
5.00%, 5/01/18	12 062	14,400,010
5.00%, 5/01/18	13,963	11,100,010
Municipal Bonds Transferred to	15,905	1,100,010
	13,905 Par	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Value
Municipal Bonds Transferred to	Par	
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued)	Par	
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C,	Par (000)	Value
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44	Par	
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM):	Par (000) \$ 11,000	Value \$ 12,672,440
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a)	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM):	Par (000) \$ 11,000	Value \$ 12,672,440
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a)	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a)	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7%	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments	Par (000) \$ 11,000 2,013	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2%	Par (000) \$ 11,000 2,013 2,995	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2%	Par (000) \$ 11,000 2,013 2,995 Shares	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686 1,071,261,710
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2% Short-Term Securities BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (f)(g)	Par (000) \$ 11,000 2,013 2,995	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2% Short-Term Securities BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (f)(g) Total Short-Term Securities	Par (000) \$ 11,000 2,013 2,995 Shares	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686 1,071,261,710 593,637
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2% Short-Term Securities BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (f)(g) Total Short-Term Securities (Cost \$593,637) 0.1%	Par (000) \$ 11,000 2,013 2,995 Shares	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686 1,071,261,710 593,637 593,637 593,637
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) Utilities (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2% Short-Term Securities BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (f)(g) Total Short-Term Securities	Par (000) \$ 11,000 2,013 2,995 Shares	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686 1,071,261,710 593,637
Municipal Bonds Transferred to Tender Option Bond Trusts (e) California (continued) East Bay California Municipal Utility District Water System Revenue, RB, Series C, 5.00%, 6/01/44 Rancho Water District Financing Authority, Refunding RB, Series A (AGM): 5.00%, 8/01/18 (a) 5.00%, 8/01/34 Total Municipal Bonds Transferred to Tender Option Bond Trusts 60.7% Total Long-Term Investments (Cost \$1,014,967,853) 168.2% Short-Term Securities BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (f)(g) Total Short-Term Securities (Cost \$593,637) 0.1% Total Investments (Cost \$1,015,561,490) 168.3%	Par (000) \$ 11,000 2,013 2,995 \$ \$	Value \$ 12,672,440 2,094,944 3,117,009 51,174,433 386,922,686 1,071,261,710 593,637 593,637 1,071,855,347

VMTP Shares at Liquidation Value (39.9)%

(254,000,000)

Net Assets Applicable to Common Shares 100.0%

\$ 636,865,294

Notes to Schedule of Investments

- (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) Variable rate security. Rate shown is the rate in effect as of period end.
- (d) When-issued security.
- (e) Represent bonds transferred to a TOB Trust in exchange of cash and residual certificates received by the Fund. These bonds serve as collateral in a secured borrowing. See Note 4 of the Notes to Financial Statements for details.
- (f) During the year ended July 31, 2017, 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:

								Change
								in
	Shares Held		Shares Held	Value at				Unrealized
	at July 31,	Net	at July 31,	July 31,		Net	Realized	Appreciation
Affiliate	2016	Activity	2017	2017	Income	(Gain ¹	(Depreciation)
BlackRock Liquidity Funds, MuniCash,								
Institutional Class		593,400	593,400	\$ 593,637	\$ 45,495	\$	6,008	
¹ Includes net capital gain distributions.								

(g) Current yield as of period end.

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.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2017

BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description Short Contracts	Number of Contracts	Expiration Date	Notional Amount (000)	Value / Unrealized Appreciation (Depreciation)
5-Year U.S. Treasury Note	(28)	September 2017	\$ 3,308	\$ (298)
10-Year U.S. Treasury Note	(112)	September 2017	\$ 14,100	2,932
Long U.S. Treasury Bond	(67)	September 2017	\$ 10,249	(27,312)
Ultra U.S. Treasury Bond	(24)	September 2017	\$ 3,948	(32,598)
Total				\$ (57,276)

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Derivative Financial Instruments Categorized by Risk Exposure
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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 Futures contracts	Net unrealized appreciation ¹	Commodity Contracts		1 0	Foreign Currency Exchange s Contracts	Interest Rate Contracts \$ 2,932	Other Contracts	Total \$ 2,932
		Commodity	Credit	Equity	Foreign Currency Exchange	Interest Rate	Other	
Liabilities Derivative Financial Instrum	ents	Contracts	Contracts	Contract	s Contracts	Contracts	Contracts	Total
Futures contracts	Net unrealized depreciation ¹					\$ 60,208		\$ 60,208
¹ Includes cumulative appreciation (deprecia margin is reported within the Statements of A		y, as reported	in the Sch	edule of I	nvestments.	Only current	day s varia	tion

For the year ended July 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

	Foreign Currency Commodity Credit Equity Exchange	Interest Rate	Other	
Net Realized Gain (Loss) from:	Contracts Contracts Contracts	Contracts	Contracts	Total
Futures contracts		\$ 1,586,520		\$ 1,586,520
Net Change in Unrealized Appreciation (Depreciation) on: Futures contracts		\$ 66,850		\$ 66,850

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:

Average notional value of contracts short

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

\$48,141,676

See Notes to Financial Statements.

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BlackRock MuniHoldings California Quality Fund, Inc. (MUC)

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:

	Level 1	Level 2	Level 3	r	Fotal
Assets: Investments: Long Term Investments ¹ Short-Term Securities	\$ 593,637	\$ 1,071,261,710		\$ 1,07	71,261,710 593,637
Total	\$ 593,637	\$ 1,071,261,710		\$ 1,07	1,855,347
Derivative Financial Instruments ² Assets: Interest rate contracts Liabilities: Interest rate contracts	\$ 2,932 (60,208)			\$	2,932 (60,208)
Total	\$ (57,276)			\$	(57,276)

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

² 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:

	Level 1	Level 2	Level 3	Total
Liabilities: TOB Trust Certificates VMTP Shares at Liquidation Value		\$ (181,685,265) (254,000,000)		\$ (181,685,265) (254,000,000)
Total		\$ (435,685,265)		\$ (435,685,265)

During the year ended July 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2017

Schedule of Investments July 31, 2017

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

(Percentages shown are based on Net Assets)

	Par		
Municipal Bonds	(000)	Value	
New Jersey 138.1%			
Corporate 3.5%	¢ 705	¢ 952 (15	
New Jersey EDA, RB, Provident Group-Kean Properties, Series A, 5.00%, 7/01/47	\$ 795	\$ 853,615	
New Jersey EDA, Refunding RB:	2 770	2.046.560	
Duke Farms Foundation Project, 4.00%, 7/01/46	2,770	2,946,560	
New Jersey American Water Co., Inc. Project, AMT, Series A, 5.70%, 10/01/39	7,500	8,099,775	
New Jersey American Water Co., Inc. Project, AMT, Series B, 5.60%, 11/01/34	3,150	3,428,302	
United Water of New Jersey, Inc., Series B (AMBAC), 4.50%, 11/01/25	1,000	1,022,530	
		16,350,782	
County/City/Special District/School District 16.9%			
Borough of Edgewater New Jersey Board of Education, GO, Refunding, (AGM) (a):	1 525	1 ((0 200	
4.25%, 3/01/20	1,535	1,660,809	
4.25%, 3/01/20	1,600	1,731,136	
4.30%, 3/01/20 Cosing Deinysetment Daviderment Authority, Defunding PD:	1,670	1,809,361	
Casino Reinvestment Development Authority, Refunding RB: 5.25%, 11/01/39	11,130	11,425,947	
5.25%, 11/01/44 City of Bayonne New Jersey, GO, Refunding, Qualified General Improvement (BAM),	3,755	3,829,499	
5.00%, 7/01/39	3,340	3 737 003	
City of Perth Amboy New Jersey, GO, CAB, Refunding (AGM):	5,540	3,737,093	
5.00%, 7/01/32	2,210	2,214,066	
5.00%, 7/01/32 5.00%, 7/01/33 (b)	670	671,233	
5.00%, 7/01/35	595	596,047	
5.00%, 7/01/37	705	706,191	
County of Essex New Jersey, GO, Vocational School, Series B, 3.00%, 9/01/46	2,700	2,409,372	
County of Essex New Jersey Improvement Authority, Refunding RB, Project	2,700	2,409,372	
Consolidation (NPFGC):			
5.50%, 10/01/27	250	322,935	
5.50%, 10/01/28	4,840	6,295,001	
County of Hudson New Jersey Improvement Authority, RB:	4,040	0,293,001	
CAB, Series A-1 (NPFGC), 0.00%, 12/15/32 (c)	1,000	594,650	
Harrison Parking Facility Project, Series C (AGC), 5.25%, 1/01/39	3,000	3,160,110	
Harrison Parking Facility Project, Series C (AGC), 5.38%, 1/01/44	5,000	5,255,350	
County of Middlesex New Jersey Improvement Authority, RB, Senior Citizens Housing	5,000	5,255,550	
Project, AMT (AMBAC), 5.50%, 9/01/30	500	501,510	
County of Monmouth New Jersey Improvement Authority, Refunding RB,	500	501,510	
Governmental Loan (AMBAC):			
5.00%, 12/01/17	5	5,014	
5.35%, 12/01/17	5	5,016	
5.00%, 12/01/18	5	5,013	
5.38%, 12/01/18	5	5,016	
5.00%, 12/01/19	5	5,012	
County of Union New Jersey, GO, Refunding:	U	0,012	
4.00%, 3/01/21 (a)	75	82,539	
4.00%, 3/01/21 (a)	70	77,036	
4.00%, 3/01/21 (a)	80	88,042	
	Par		
Municipal Bonds	(000)	Value	
New Jersey (continued)			
County/City/Special District/School District (continued)			
County of Union New Jersey, GO, Refunding (continued):			
4.00%, 3/01/29	\$ 3,575	\$ 3,778,882	
4.00%, 3/01/30	3,580	3,766,053	
4.00%, 3/01/31	4,045	4,238,917	
County of Union New Jersey Utilities Authority, Refunding RB, Resources Recovery			
Facility, Covanta Union, Inc., AMT, Series A, 5.25%, 12/01/31	650	725,712	
Morristown New Jersey Parking Authority, RB, (NPFGC):			
5.00%, 8/01/30	1,830	1,830,000	
5.00%, 8/01/33	3,000	3,000,000	

New Jersey Sports & Exposition Authority, Refunding RB, (NPFGC) (d):		
5.50%, 3/01/21	7,430	8,592,646
5.50%, 3/01/22	4,200	5,001,402
Township of Irvington New Jersey, GO, Refunding Series A (AGM), 5.00%, 7/15/33	1,175	1,323,097
		70 440 707
Education 28.3%		79,449,707
County of Gloucester New Jersey Improvement Authority, RB, Rowan University		
General Capital Improvement Projects:		
5.00%, 7/01/44	1,985	2,219,826
Series A, 5.00%, 7/01/31	1,950	2,220,017
Series A, 5.00%, 7/01/32	1,775	2,022,133
Series A, 5.00%, 7/01/33	2,250	2,553,075
Series A, 5.00%, 7/01/34	1,200	1,360,740
New Jersey EDA, LRB, Rutgers The State University of New Jersey, College Avenue	-,_ • •	-,,
Redevelopment Project, 5.00%, 6/15/33	3,065	3,480,982
New Jersey EDA, RB, Provident Group Rowan Properties LLC, Series A:	-,	-,,
5.00%, 1/01/35	2,000	2,159,160
5.00%, 1/01/48	2,000	2,133,800
New Jersey Educational Facilities Authority, RB, Higher Educational Capital		
Improvement Fund, Series A, 5.00%, 9/01/33	5,370	5,540,981
New Jersey Educational Facilities Authority, Refunding RB:		
City of New Jersey University Issue, Series D, 4.00%, 7/01/34	320	331,286
City of New Jersey University Issue, Series D, 4.00%, 7/01/35	745	769,838
College of New Jersey, Series D (AGM), 5.00%, 7/01/18 (a)	10,000	10,376,200
College of New Jersey, Series F, 4.00%, 7/01/35	1,280	1,333,606
Montclair State University, Series A, 5.00%, 7/01/39	15,555	17,515,863
Montclair State University, Series A, 5.00%, 7/01/44	3,540	3,967,455
Montclair State University, Series B, 5.00%, 7/01/34	1,075	1,248,484
New Jersey Institute of Technology, Series H, 5.00%, 7/01/31	4,000	4,348,360
Princeton University, Series B, 5.00%, 7/01/29	4,600	5,762,880
Princeton University, Series C, 5.00%, 7/01/29	3,730	4,672,944
Rowan University, Series B (AGC), 5.00%, 7/01/18 (a)	2,575	2,671,614

See Notes to Financial Statements.

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

	Par		
Municipal Bonds	(000)	Value	
New Jersey (continued)			
Education (continued)			
New Jersey Educational Facilities Authority, Refunding RB (continued):			
Seton Hall University, Series D, 5.00%, 7/01/38	\$ 500	\$ 558,425	
Seton Hall University, Series D, 5.00%, 7/01/43	600	665,970	
Stevens Institute of Technology, Series A, 5.00%, 7/01/42	1,150	1,314,174	
Stevens Institute of Technology, Series A, 4.00%, 7/01/47	1,145	1,167,396	
Stockton University, Series A, 5.00%, 7/01/41	2,370	2,587,068	
William Paterson University (AGC), 4.75%, 7/01/18 (a) William Paterson University (AGC), 5.00%, 7/01/18 (a)	4,735 230	4,902,335 238,653	
William Paterson University (AGC), 5.00%, 7/01/18 (a)	20	20,709	
William Paterson University (AGC), 4.75%, 7/01/26	380	391,320	
New Jersey Higher Education Student Assistance Authority, RB, Senior Student Loan,	500	571,520	
Series 1A, AMT:			
4.00%, 12/01/28	1,220	1,264,725	
4.50%, 12/01/28	2,655	2,838,222	
4.00%, 12/01/29	810	836,892	
4.00%, 12/01/29	5,715	5,913,882	
4.50%, 12/01/29	3,325	3,546,179	
4.63%, 12/01/30	3,245	3,458,326	
4.00%, 12/01/31	1,320	1,349,225	
4.25%, 12/01/32	2,050	2,124,784	
4.13%, 12/01/35	810	825,706	
4.50%, 12/01/36	1,805	1,885,792	
New Jersey Higher Education Student Assistance Authority, Refunding RB, Series 1,			
AMT:	0.40	1 0 10 0 9 1	
5.38%, 12/01/24	940	1,040,984	
5.50%, 12/01/26 New Jarsey Institute of Technology, PB, Series A:	1,125	1,234,553	
New Jersey Institute of Technology, RB, Series A: 5.00%, 7/01/22 (a)	2,120	2,494,095	
5.00%, 7/01/42	4,825	5,363,180	
5.00%, 7/01/45	7,500	8,465,325	
Rutgers The State University of New Jersey, Refunding RB, Series L, 5.00%, 5/01/30	1,565	1,793,146	
	,	···· · · ·	
		132,970,310	
Health 18.6%			
County of Camden New Jersey Improvement Authority, Refunding RB, Cooper			
Healthcare System, Series A, 5.00%, 2/15/33	2,000	2,198,480	
New Jersey Health Care Facilities Financing Authority, RB:			
Meridian Health System Obligated Group, Series I (AGC), 5.00%, 7/01/18 (a)	1,390	1,442,292	
Meridian Health System Obligated Group, Series II (AGC), 5.00%, 7/01/18 (a)	6,865	7,123,261	
Meridian Health System Obligated Group, Series V (AGC), 5.00%, 7/01/18 (a)	4,625	4,798,993	
Robert Wood Johnson University Hospital, Series A, 5.50%, 7/01/43	7,105	8,090,108	
Virtua Health, Series A (AGC), 5.50%, 7/01/38	4,035	4,348,318	
New Jersey Health Care Facilities Financing Authority, Refunding RB:	4.055	4 727 002	
AHS Hospital Corp., 5.50%, 7/01/21 (a)	4,055 Par	4,737,092	
Municipal Bonds	(000)	Value	
New Jersey (continued)	(000)	v alut	
Health (continued)			
New Jersey Health Care Facilities Financing Authority, Refunding RB (continued):			
AHS Hospital Corp., 6.00%, 7/01/21 (a)	\$ 4,180	\$ 4,963,039	
Catholic Health East Issue, 5.00%, 11/15/33	1,925	2,108,530	
Hackensack University Medical Center (AGC), 5.13%, 1/01/18 (a)	1,500	1,526,670	
Hackensack University Medical Center (AGM), 4.63%, 1/01/20 (a)	7,795	8,469,891	
Meridian Health System Obligated Group, 5.00%, 7/01/25	1,000	1,145,370	
Meridian Health System Obligated Group, 5.00%, 7/01/26	3,720	4,231,723	
Princeton Healthcare System, 5.00%, 7/01/34	1,330	1,514,405	
Princeton Healthcare System, 5.00%, 7/01/39	1,825	2,059,914	
RWJ Barnabas Health Obligated Group, Series A, 4.00%, 7/01/43	1,865	1,925,743	
RWJ Barnabas Health Obligated Group, Series A, 5.00%, 7/01/43	3,080	3,489,147	

 St. Barnabas Health Care System, Series A, 5.00%, 7/01/21 (a) St. Barnabas Health Care System, Series A, 5.63%, 7/01/21 (a) St. Barnabas Health Care System, Series A, 5.63%, 7/01/21 (a) St. Joseph s Healthcare System Obligated Group, 5.00%, 7/01/41 St. Joseph s Healthcare System Obligated Group, 4.00%, 7/01/48 Virtua Health, 5.00%, 7/01/28 Virtua Health, 5.00%, 7/01/29 	3,640 4,450 4,860 1,520 2,020 3,000 715	4,175,153 5,210,460 5,690,525 1,655,614 1,959,723 3,431,520 812,183
·		,
H		87,108,154
Housing 6.8% County of Atlantic New Jersey Improvement Authority, RB, Stockton University		
Atlantic City, Series A (AGM), 4.00%, 7/01/46	1,300	1,344,343
New Jersey Housing & Mortgage Finance Agency, RB:	1,500	1,544,545
Capital Fund Program, Series A (AGM), 5.00%, 5/01/27	6,450	6,507,018
M/F Housing, Series A, 4.55%, 11/01/43	4,710	4,882,763
S/F Housing, Series AA, 6.50%, 10/01/38	60	61,755
S/F Housing, Series B, 4.50%, 10/01/30	9,310	9,861,245
New Jersey Housing & Mortgage Finance Agency, Refunding RB, AMT:		
M/F Housing, Series 2, 4.60%, 11/01/38	3,120	3,269,417
M/F Housing, Series 2, 4.75%, 11/01/46	3,795	3,979,665
S/F Housing, Series T, 4.70%, 10/01/37	600	600,432
Series D, 4.25%, 11/01/37	490	502,220
Series D, 4.35%, 11/01/42	1,000	1,029,300
		32,038,158
State 25.3%		. ,,
Garden State Preservation Trust, RB, CAB, Series B (AGM) (c):		
0.00%, 11/01/23	15,725	13,472,865
0.00%, 11/01/25	10,000	7,939,200
Garden State Preservation Trust, Refunding RB, Series C (AGM):		
5.25%, 11/01/20	5,000	5,603,750
5.25%, 11/01/21	7,705	8,859,209

See Notes to Financial Statements.

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JULY 31, 2017

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

	D		
Municipal Bonds	Par (000)	Value	
New Jersey (continued)			
State (continued)			
New Jersey EDA, RB:			
CAB, Motor Vehicle Surcharge, Series A (NPFGC), 0.00%, 7/01/21 (c)	\$ 2,325	\$ 2,143,999	
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/24	1,785	2,064,924	
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/25	5,000	5,822,000	
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/26	7,500 18,105	8,728,725 18,435,597	
Motor Vehicle Surcharge, Series A (NPFGC), 5.25%, 7/01/33 School Facilities Construction (AGC), 6.00%, 12/15/18 (a)	3,960	4,235,893	
School Facilities Construction (AGC), 6.00%, 12/15/18 (a)	40	42,787	
School Facilities Construction, Series KK, 5.00%, 3/01/38	325	332,300	
School Facilities Construction, Series U (AMBAC), 5.00%, 9/01/17 (a)	1,070	1,073,756	
School Facilities Construction, Series Y, 5.00%, 9/01/18 (a)	1,000	1,043,830	
Series WW, 5.25%, 6/15/33	380	402,572	
Series WW, 5.00%, 6/15/34	5,500	5,661,920	
Series WW, 5.00%, 6/15/36	3,115	3,200,476	
Series WW, 5.25%, 6/15/40	8,375	8,866,780	
New Jersey EDA, Refunding RB:			
Cigarette Tax, 5.00%, 6/15/24	5,000	5,460,950	
Cigarette Tax, 5.00%, 6/15/26	1,250	1,348,113	
Cigarette Tax, 5.00%, 6/15/28	2,430	2,602,408	
Cigarette Tax, 5.00%, 6/15/29 School Equilities Construction Series N. 1 (NIECC), 5.50%, 0/01/27	3,195	3,407,595	
School Facilities Construction, Series N-1 (NPFGC), 5.50%, 9/01/27 School Facilities Construction, Series NN, 5.00%, 3/01/29	1,000 5,000	1,179,840 5,218,650	
State of New Jersey, COP, Equipment Lease Purchase, Series A, 5.25%, 6/15/19 (a)	1,580	1,703,935	
State of New Jersey, Cor, Equipment Lease Furchase, Series A, 5.2570, 0(15/17) (a)	1,500	1,703,955	
		118,852,074	
Transportation 33.4%			
Delaware River Port Authority, RB:			
5.00%, 1/01/29	2,000	2,338,600	
5.00%, 1/01/37	8,830	10,074,853	
Series D, 5.05%, 1/01/35	1,430	1,547,675	
Series D (AGM), 5.00%, 1/01/40	5,200	5,636,748	
New Brunswick New Jersey Parking Authority, Refunding RB, City Guaranteed, Series	1.500	1.7/1.400	
A (BAM), 5.00%, 9/01/39 New Personal Dedice Authority, Refunding PR, City Concentrated Series R (ACM):	1,520	1,761,422	
New Brunswick Parking Authority, Refunding RB, City Guaranteed, Series B (AGM): 3.00%, 9/01/39	2,500	2,316,825	
4.00%, 9/01/40	2,000	2,101,040	
New Jersey EDA, RB, Goethals Bridge Replacement Project, AMT, Private Activity	2,000	2,101,040	
Bond:			
5.38%, 1/01/43	7,730	8,632,014	
5.13%, 1/01/34	2,290	2,491,177	
New Jersey State Turnpike Authority, RB:			
Series A, 5.00%, 1/01/35	1,440	1,679,846	
Series E, 5.00%, 1/01/45	8,000	9,079,440	
New Jersey State Turnpike Authority, Refunding RB:			
Series A (AGM), 5.25%, 1/01/29	4,000	5,063,800	
Series A (AGM), 5.25%, 1/01/30	4,000	5,074,760	
Series A (BHAC), 5.25%, 1/01/29	500	634,115	
Series B, 5.00%, 1/01/40 (e)	11,360 Par	13,311,875	
Municipal Bonds	(000)	Value	
New Jersey (continued)			
Transportation (continued)			
New Jersey Transportation Trust Fund Authority, RB:	L		
CAB, Transportation System, Series A, 0.00%, 12/15/35 (c)	\$ 6,000	\$ 2,370,120	
CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/36 (c)	7,210	2,959,345	
CAB, Transportation System, Series C (AGM), 0.00%, 12/15/32 (c)	8,800	4,666,112	
CAB, Transportation System, Series C (AMBAC), 0.00%, 12/15/35 (c) Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 6/15/29	4,160 1,300	1,797,453 1,327,495	
Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 6/15/29 Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 6/15/30	2,250	2,414,363	
rederal ringhway Kennoulsenieni Kevenue notes, series A, 3.00%, 0/13/30	2,230	2,714,303	

Federal Highway Reimbursement Revenue Notes, Series A, 5.00%, 6/15/31	1,150	1,172,310
Federal Highway Reimbursement Revenue Notes, Series A. 5.00%, 6/15/30	10.520	10,733,240
Transportation Program, Series AA, 5.00%, 6/15/33	3,000	3,108,630
1 6	,	· · ·
Transportation Program, Series AA, 5.25%, 6/15/33	5,690	6,022,068
Transportation Program, Series AA, 5.25%, 6/15/34	1,305	1,388,781
Transportation Program, Series AA, 5.00%, 6/15/38	2,340	2,443,522
Transportation System, Series A, 6.00%, 6/15/35	6,365	6,931,421
Transportation System, Series A (AGC), 5.63%, 12/15/28	2,780	2,956,474
Transportation System, Series A (NPFGC), 5.75%, 6/15/24	1,205	1,430,901
Transportation System, Series B, 5.25%, 6/15/36	2,500	2,596,400
Transportation System, Series D, 5.00%, 6/15/32	3,300	3,474,273
Port Authority of New York & New Jersey, ARB:		
Consolidated, 93rd Series, 6.13%, 6/01/94	1,000	1,217,260
Special Project, JFK International Air Terminal LLC Project, Series 6, AMT (NPFGC),		
5.75%, 12/01/25	3,000	3,035,580
Special Project, JFK International Air Terminal LLC Project, Series 8, 6.00%, 12/01/42	4,000	4,484,440
Port Authority of New York & New Jersey, Refunding ARB, AMT:	,	
178th Series, 5.00%, 12/01/33	4,005	4,490,726
Consolidated, 152nd Series, 5.75%, 11/01/30	6,000	6,212,640
Port Authority of New York & New Jersey, Refunding RB, Consolidated, 206th Series,	0,000	0,212,010
AMT (e):		
5.00%, 11/15/42	3,110	3,595,533
5.00%, 11/15/47	3,475	3,997,849
5.00%, 11/15/47	5,475	5,997,049
		156,571,126
Utilities 5.3%		
County of Essex New Jersey Utilities Authority, Refunding RB, (AGC), 4.13%, 4/01/22	2,000	2,090,040
North Hudson New Jersey Sewerage Authority, Refunding RB, Series A (NPFGC),		
5.13%, 8/01/20 (d)	6,045	6,776,022

See Notes to Financial Statements.

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Schedule of Investments (continued)	BlackRock MuniHoldings New Jersey Quality Fund, (N		
Municipal Bonds	Par (000)	Value	
New Jersey (continued)			
Utilities (continued)			
Rahway Valley Sewerage Authority, RB, CAB, Series A (NPFGC) (c):	¢ 4.100	¢ 2,102,440	
0.00%, 9/01/26 0.00%, 9/01/28	\$ 4,100 6,600	\$ 3,193,449 4,739,526	
0.00%, 9/01/28	9,650	6,654,157	
0.00%, 9/01/33	2,350	1,379,427	
)	7- · · · / · ·	
		24,832,621	
Total Municipal Bonds 138.1%		648,172,932	
Municipal Bonds Transferred to Tender Option Bond Trusts (f) New Jersey 25.5%			
County/City/Special District/School District 5.9%			
County of Union New Jersey Utilities Authority, Refunding LRB, Resource Recovery			
Facility, Covanta Union, Inc., Series A, AMT, 5.25%, 12/01/31	17,300	19,315,104	
County of Union New Jersey Utilities Authority, Refunding RB, County Deficiency			
Agreement, Series A, 5.00%, 6/15/41	7,573	8,241,330	
		27,556,434	
Education 3.5% Rutgers The State University of New Jersey, Refunding RB:			
Series F, 5.00%, 5/01/19 (a)	4,998	5,353,756	
Series L, 5.00%, 5/01/43	10,000	11,228,300	
	- ,	· · · · ·	
		16,582,056	
State 4.7%			
Garden State Preservation Trust, RB, Election of 2005, Series A (AGM), 5.75%,			
	12,460	15,200,951	
New Jersey EDA, Refunding RB, Series NN, School Facilities Construction, 5.00%, 3/01/29 (g)	6,698	6,991,069	
5.00%, 5/01/29 (g)	0,098	0,991,009	
		22,192,020	
Municipal Bonds Transferred to	Par	22,192,020	
Tender Option Bond Trusts (f)	(000)	Value	
New Jersey (continued)			
Transportation 11.3%			
County of Hudson New Jersey Improvement Authority, RB, Hudson County	\$ 2.120	\$ 3,622,605	
Vocational-Technical Schools Project, 5.25%, 5/01/51 New Jersey State Turnpike Authority, RB, Series A, 5.00%, 1/01/38 (g)	\$ 3,120 9,300	\$ 3,622,695 10,484,076	
New Jersey State Tumpice Adulointy, RB, Series A, 5.00%, 1/01/38 (g) New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B,	2,500	10,707,070	
5.25%, 6/15/36 (g)	2,661	2,763,203	
Port Authority of New York & New Jersey, ARB, Consolidated, 163rd Series, AMT,			
5.00%, 7/15/39	15,545	17,121,996	
Port Authority of New York & New Jersey, RB, Consolidated, 169th Series, AMT,	10.000	11 177 000	
5.00%, 10/15/41 Port Authority of New York & New Jersey, Refunding RB, Consolidated, 152nd	10,000	11,177,900	
Series, AMT, 5.25%, 11/01/35	7,827	8,048,026	
	· /- ·	· ·	
		53,217,896	
Total Municipal Bonds Transferred to		. /	
Tender Option Bond Trusts 25.4%		119,548,406	
Total Long-Term Investments		5/5 501 000	
(Cost \$719,420,402) 163.5%		767,721,338	

Short-Term Securities	Shares	
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (h)(i)	20,456,541	20,464,723
Total Short-Term Securities		
(Cost \$20,463,427) 4.4%		20,464,723
Total Investments (Cost \$739,883,829) 167.9%		788,186,061
Liabilities in Excess of Other Assets (3.9)%		(18,180,108)
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable (13.6)%		(63,979,797)
VRDP Shares at Liquidation Value, Net of Deferred Costs (50.4)%		(236,608,821)
Net Assets Applicable to Common Shares 100.0%		\$ 469,417,335

Notes to Schedule of Investments

- (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) Step-up bond that pays an initial coupon rate for the first period and then a higher coupon rate for the following periods. Rate as of period end.
- (c) Zero-coupon bond.
- (d) Security is collateralized by municipal bonds or U.S. Treasury obligations.
- (e) When-issued security.
- (f) 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.
- (g) All or a portion of security is subject to a recourse agreement. The aggregate maximum potential amount the Fund could ultimately be required to pay under the agreements, which expire between June 15, 2019 to September 1, 2020, is \$13,907,845. See Note 4 of the Notes to Financial Statements for details.

See Notes to Financial Statements.

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

(h) During the year ended July 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at July 31, 2016	Net Activity	Shares Held at July 31, 2017	Value at July 31, 2017	Income	Realized Gain ¹	Uni	ange in realized reciation
BlackRock Liquidity Funds, MuniCash, Institutional Class ¹ Includes net capital gain distributions.	15,571,111	4,885,430	20,456,541	\$ 20,464,723	\$ 26,061	\$ 5,806	\$	1,296

(i) Current yield as of period end.

For Fund compliance purposes, the Fund s sector classifications refer to one or more of the sector sub-classifications used by one or more widely recognized market indexes or rating group indexes, and/or as defined by the investment adviser. These definitions may not apply for purposes of this report, which may combine such sector sub-classifications for reporting ease.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Unrealized Appreciation (Depreciation)
Short Contracts				
5-Year U.S. Treasury Note	(30)	September 2017	\$ 3,544	\$ (319)
10-Year U.S. Treasury Note	(120)	September 2017	\$ 15,107	3,141
Long U.S. Treasury Bond	(61)	September 2017	\$ 9,331	(24,866)
Ultra U.S. Treasury Bond	(8)	September 2017	\$ 1,316	(10,866)
Total				\$ (32,910)

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 Futures contracts	Net unrealized appreciation ¹	Commodity Credit ContractsContracts	Foreign Currency Equity Exchange ContractsContracts			Total 3,141
Liabilities Derivative Financial Instrum	ents	Commodity Credit ContractsContracts	Foreign Currency Equity Exchange ContractContracts		Other Contracts	Total
Futures contracts Includes cumulative appreciation (deprecia 	Net unrealized depreciation ¹ ation) on futures contract	s, if any, as reported in t	he Schedule of Invest	\$ 36,051 tments. Only		36,051 s variation

¹ Includes cumulative appreciation (depreciation) on futures contracts, if any, as reported in the Schedule of Investments. Only current day is variation margin is reported within the Statements of Assets and Liabilities.

Value /

For the year ended July 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from: Futures contracts	Foreign Currency Interest Commodity Credit Equity Exchange Rate Other ContractsContractsContracts Contracts Contracts Total \$ 1,470,052 \$ 1,470,055	52
Net Change in Unrealized Appreciation Futures contracts	Depreciation) on: \$ 387,566 \$ 387,56	6
See Notes to Financial Statements.		
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BlackRock MuniHoldings New Jersey Quality Fund, Inc. (MUJ)

Average Quarterly Balances of Outstanding Derivative Financial Instruments	
Futures contracts: Average notional value of contracts long Average notional value of contracts short ¹ Actual amounts for the period are shown due to limited outstanding derivative financial instruments as of each quarter end. For more information about the Fund s investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.	\$ 362,109 ¹ \$ 47,729,063

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:

	Level 1	Level 2	Level 3	ſ	fotal
Assets: Investments: Long Term Investments ¹ Short-Term Securities	\$ 20,464,723	\$ 767,721,338			7,721,338 0,464,723
Total	\$ 20,464,723	\$ 767,721,338		\$ 788	3,186,061
Derivative Financial Instruments ² Assets: Interest rate contracts Liabilities: Interest rate contracts	\$ 3,141 (36,051)			\$	3,141 (36,051)
Total	\$ (32,910)			\$	(32,910)

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

² 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:

	Level 1	Level 2	Level 3	Total
Liabilities: TOB Trust Certificates		\$ (63,876,946)		\$ (63,876,946)
VRDP Shares at Liquidation Value		(237,100,000)		(237,100,000)
Total		\$ (300,976,946)		\$ (300,976,946)

During the year ended July 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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Schedule of Investments July 31, 2017

BlackRock MuniYield Investment Quality Fund (MFT)

(Percentages shown are based on Net Assets)

Municipal Bonds	Par (000)	Value
Alabama 4.3% City of Birmingham Alabama Special Care Facilities Financing Authority, RB, Children s Hospital		
(AGC) (a):		
6.00%, 6/01/19	\$ 2,985	\$ 3,255,232
6.13%, 6/01/19 City of Selma Alabama IDB, RB, Gulf Opportunity Zone, International Paper Co. Project, Series	1,500	1,639,185
A, 5.38%, 12/01/35	350	389,820
		5,284,237
California 20.3% California Educational Facilities Authority, RB, University of Southern California, Series A,		
5.25%, 10/01/18 (a)	1,960	2,059,882
California Health Facilities Financing Authority, RB, Sutter Health, Series B, 6.00%, 8/15/42	1,150	1,308,320
City & County of San Francisco California Airports Commission, Refunding ARB, AMT, Series		
A: 2nd, 5.50%, 5/01/28	720	855,641
2nd, 5.25%, 5/01/23	560	644,896
5.00%, 5/01/44	745	837,335
City of Los Angeles California Department of Airports, Sub-Series A, AMT, 5.00%, 5/15/47	230	264,546
City of San Jose California, Refunding ARB, Norman Y Mineta San Jose International Airport SJC, Series A-1, AMT:		
5.50%, 3/01/30	1,600	1,801,872
6.25%, 3/01/34	1,250	1,458,062
County of Sacramento California, ARB, Senior Series A (AGC), 5.50%, 7/01/18 (a)	1,400	1,459,570
Kern Community College District, GO, Safety, Repair & Improvement, Series C, 5.50%, 11/01/33 Redondo Beach Unified School District, GO, Election of 2008, Series E, 5.50%, 8/01/21 (a)	970 1,000	1,167,230 1,171,360
Riverside County Public Financing Authority, RB, Capital Facilities Project, 5.25%, 11/01/40	2,000	2,352,200
San Diego Public Facilities Financing Authority Water, Refunding RB, Series B (AGC),		
5.38%, 8/01/19 (a)	1,020	1,109,740
State of California, GO, Various Purposes (AGC), 5.50%, 11/01/39 State of California Public Works Board, LRB, Various Capital Projects, Series I, 5.50%, 11/01/31	3,450 1,000	3,776,922 1,203,330
State of California Public Works Board, RB, Department of Corrections & Rehabilitation, Series F,	1,000	1,205,550
5.25%, 9/01/33	490	578,626
Township of Washington California Health Care District, GO, Election of 2004, Series B,	270	451 226
5.50%, 8/01/40 University of California, Refunding RB, The Regents of Medical Center, Series J, 5.25%, 5/15/38	370 2,235	451,226 2,628,785
	2,235	2,020,705
		25,129,543
Colorado 2.1%		
City & County of Denver Colorado Airport System, ARB, Series A, AMT: 5.50%, 11/15/28	500	579 915
5.50%, 11/15/28	225	578,815 258,208
5.50%, 11/15/31	270	309,409
Colorado Health Facilities Authority, RB, Hospital, NCMC, Inc. Project, Series B (AGM),	1 200	1 415 405
6.00%, 5/15/19 (a)	1,300	1,415,427
		2,561,859
	Par	2,501,657
Municipal Bonds Florida 13.4%	(000)	Value
City of Jacksonville Florida, Refunding RB, Series A, 5.25%, 10/01/33	\$ 270	\$ 313,856
County of Broward Florida Airport System Revenue, ARB, Series A, AMT, 5.00%, 10/01/45	575	640,533
County of Hillsborough Florida Aviation Authority, Refunding ARB, Tampa International		
Airport, Series A, AMT, 5.50%, 10/01/29	1,170	1,351,128
County of Lee Florida, Refunding ARB, Series A, AMT, 5.38%, 10/01/32	1,000	1,118,110
County of Lee Florida HFA, RB, S/F Housing, Multi-County Program, Series A-2, AMT (Ginnie		
Mae), 6.00%, 9/01/40	90 70	90,128 70,920
	70	70,920

County of Manatee Florida HFA, RB, S/F Housing, Series A, AMT (Ginnie Mae, Fannie Mae &		
Freddie Mac), 5.90%, 9/01/40		
County of Miami-Dade Florida, RB, Seaport Department: Series A, 6.00%, 10/01/38	1,840	2,217,513
Series A, 5.50%, 10/01/38 Series A, 5.50%, 10/01/42	2,125	2,217,515
Series B, AMT, 6.00%, 10/01/26	590	707,870
Series B, AMT, 6.00%, 10/01/27	775	926,280
Series B, AMT, 6.25%, 10/01/27	310	371,727
Series B, AMT, 6.00%, 10/01/42	410	479,511
County of Miami-Dade Florida, Refunding RB:	410	479,511
Seaport Department, Series D, AMT, 6.00%, 10/01/26	735	881,838
Water & Sewer System, Series B, 5.25%, 10/01/29	500	594,060
County of Miami-Dade Florida Aviation, Refunding ARB, Series A, AMT, 5.00%, 10/01/31	2,165	2,419,063
County of Orange Florida Health Facilities Authority, Refunding RB, Presbyterian Retirement	2,100	2,117,000
Communities Project, 5.00%, 8/01/41	1,000	1,088,910
Reedy Creek Florida Improvement District, GO,	,	,,
Series A, 5.25%, 6/01/32	710	833,441
		,
		16,586,739
Hawaii 1.9%		10,500,755
State of Hawaii, Department of Transportation, COP, AMT:		
5.25%, 8/01/25	250	287,460
5.25%, 8/01/26	810	923,432
State of Hawaii, Department of Transportation, RB, Series A, AMT, 5.00%, 7/01/45	1,000	1,122,750
		2,333,642
Illinois 17.7%		_,
City of Chicago Illinois, RB, Transit Authority, Sales Tax Receipts, 5.25%, 12/01/36	1,000	1,080,190
City of Chicago Illinois Midway International Airport, Refunding GARB, 2nd Lien, Series A,		
5.00%, 1/01/41	1,010	1,106,697
City of Chicago Illinois O Hare International Airport, GARB, 3rd Lien:		
Series A, 5.75%, 1/01/21 (a)	645	744,827
Series A, 5.75%, 1/01/39	125	141,778
Series C, 6.50%, 1/01/21 (a)	3,680	4,341,811
City of Chicago Illinois Transit Authority, RB, Federal Transit Administration, Section 5309,		
Series A (AGC), 6.00%, 12/01/18 (a)	1,400	1,493,716
City of Chicago Illinois Transit Authority, Refunding RB, Federal Transit Administration,		
Section 5309 (AGM), 5.00%, 6/01/28	3,000	3,179,730
City of Chicago Illinois Wastewater Transmission, RB, 2nd Lien, 5.00%, 1/01/42	1,375	1,448,329

See Notes to Financial Statements.

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BlackRock MuniYield Investment Quality Fund (MFT)

Municipal Bonds	Par (000)	Value
Illinois (continued)		
County of Cook Illinois Community College District No. 508, GO, City College of Chicago:	¢ 1.000	¢ 1.072.720
5.50%, 12/01/38 5.25%, 12/01/43	\$ 1,000 1,160	\$ 1,072,720 1,216,527
Illinois Finance Authority, RB, Carle Foundation, Series A, 6.00%, 8/15/41	1,555	1,766,667
Railsplitter Tobacco Settlement Authority, RB:	,	,,
5.50%, 6/01/23	940	1,071,092
6.00%, 6/01/28	270	307,624
State of Illinois, GO: 5.25%, 2/01/32	1,000	1,062,690
5.50%, 7/01/33	1,500	1,603,590
5.50%, 7/01/38	280	297,377
		21,935,365
Indiana 4.0%		
Indianapolis Local Public Improvement Bond Bank, Refunding RB, Waterworks Project, Series A (AGC):		
5.50%, 1/01/19 (a)	840	894,020
5.50%, 1/01/38	3,470	3,666,298
Indiana Finance Authority, RB, Private Activity Bond, Ohio River Bridges, Series A, AMT,	275	401 104
5.00%, 7/01/40	375	401,194
		4,961,512
Kentucky 0.8% Kentucky State Property & Building Commission, Refunding RB, Project No. 93, (AGC):		
5.25%, 2/01/19 (a)	885	941,180
5.25%, 2/01/27	115	121,962
		1,063,142
Louisiana 2.1%		
City of New Orleans Louisiana Aviation Board, Refunding GARB, Restructuring (AGC) (a): Series A-1, 6.00%, 1/01/19	375	401,584
Series A-2, 6.00%, 1/01/19	160	171,342
Lake Charles Louisiana Harbor & Terminal District, RB, Series B, AMT (AGM), 5.50%, 1/01/29	1,000	1,165,850
Tobacco Settlement Financing Corp., Refunding RB, Asset-Backed, Series A, 5.50%, 5/15/29	805	835,663
		2,574,439
Massachusetts 2.1%		
Massachusetts Development Finance Agency, RB, Emerson College Issue, Series A, 5.00%, 1/01/47	645	715,473
Massachusetts Development Finance Agency, Refunding RB, Emerson College, 5.00%, 1/01/41	525	575,316
Massachusetts HFA, Refunding RB, Series C, AMT, 5.35%, 12/01/42	1,285	1,367,767
		2,658,556
Michigan 2.7%		_,
City of Detroit Michigan Water Supply System Revenue, RB, 2nd Lien, Series B (AGM):		
6.25%, 7/01/19 (a)	1,795	1,974,518
6.25%, 7/01/36 Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont Hospital,	5	5,419
Series V, 8.25%, 9/01/18 (a)	1,265	1,364,556
		3,344,493
Minnesota 2.6%		5,577,775
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC):		
6.50%, 11/15/18 (a)	460	492,619
Municipal Bonds	Par (000)	Value
Minnesota (continued)	(000)	, and
City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC)		

City of Minneapolis Minnesota, Refunding RB, Fairview Health Services, Series B (AGC) (continued):

6.50%, 11/15/38	\$ 2,540	\$ 2,701,391
Minimized 1 501		3,194,010
Mississippi 1.5% Mississippi Development Bank, RB, Jackson Water & Sewer System Project (AGM), 6.88%,		
12/01/40 Mississippi State University Educational Building Corp., Refunding RB, Mississippi State	1,190	1,524,390
University Improvement Project, 5.25%, 8/01/38	260	303,709
		1,828,099
Nevada 3.8%		
County of Clark Nevada, ARB, Las Vegas-McCarran International Airport, Series A (AGM),	0.075	0 505 540
5.25%, 7/01/39	2,375	2,585,568
County of Clark Nevada, GO, Limited Tax, 5.00%, 6/01/18 (a)	500	517,125
County of Clark Nevada Water Reclamation District, GO, Series A, 5.25%, 7/01/19 (a)	1,500	1,621,905
		4,724,598
New Jersey 5.0%		
New Jersey EDA, RB:	1 000	1 116 600
Goethals Bridge Replacement Project, AMT, Private Activity Bond, 5.38%, 1/01/43	1,000 530	1,116,690 583,959
Private Activity Bond, Goethals Bridge Replacement Project, AMT (AGM), 5.00%, 1/01/31 School Facilities Construction (AGC), 6.00%, 12/15/18 (a)	980	1,048,277
School Facilities Construction (AGC), 6.00%, 12/15/18 (a)	20	21,393
New Jersey Health Care Facilities Financing Authority, RB, Virtua Health, Series A (AGC),	20	21,575
5.50%, 7/01/38	1,400	1,508,710
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series AA,	1,100	1,000,710
5.50%, 6/15/39	1,600	1,711,456
New Jersey Turnpike Authority, Refunding RB, Series B, 4.00%, 1/01/37 (b)	180	191,022
		6,181,507
New York 7.0%		-, -,
City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer		
System, Series FF-2, 5.50%, 6/15/40	1,545	1,666,900
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-4		
(AGC), 5.50%, 1/15/29	2,000	2,128,720
New York Transportation Development Corp., ARB, LaGuardia Airport Terminal B		670.000
Redevelopment Project, Series A, AMT, 5.25%, 1/01/50	600	658,080
Port Authority of New York & New Jersey, Refunding ARB, Consolidated:	2 500	2 917 925
166th Series, 5.25%, 7/15/36 206th Series, AMT, 5.00%, 11/15/37 (b)	2,500 1,175	2,817,825 1,367,371
20011 50103, AUT, 5.00 /0, 11/15/57 (0)	1,175	1,307,371
		8,638,896
Ohio 1.4%		
State of Ohio Turnpike Commission, RB, Junior Lien, Infrastructure Projects, Series A-1,	1 500	1 760 040
5.25%, 2/15/31	1,500	1,769,040

See Notes to Financial Statements.

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BlackRock MuniYield Investment Quality Fund (MFT)

Municipal Bonds	Par (000)	Value
Oklahoma 1.6% Norman Regional Hospital Authority, Refunding RB, 5.00%, 9/01/37	\$ 910	\$ 1,013,904
Oklahoma Development Finance Authority, RB, Provident Oklahoma Education Resources, Inc., Cross Village Student Housing Project, Series A, 5.25%, 8/01/57	915	1,004,871
		2,018,775
Oregon 0.2% County of Clackamas Oregon School District No. 12 North Clackamas, GO, CAB, Series A,		
0.00%, 6/15/38 (c)	475	203,671
Pennsylvania 1.0% Pennsylvania Housing Finance Agency, RB, S/F Housing Mortgage, Series 123-B,		
4.00%, 10/01/42	1,190	1,219,357
Rhode Island 0.3% Rhode Island Health & Educational Building Corp., RB, Series G (AGM), 5.00%, 5/15/42 (b)	295	337,421
South Carolina 7.7% County of Charleston South Carolina, RB, Special Source, 5.25%, 12/01/38	1,470	1,729,867
County of Charleston South Carolina Airport District, ARB, Series A, AMT:	1,470	1,729,007
5.50%, 7/01/26	1,810	2,107,998
6.00%, 7/01/38	1,155	1,336,116
5.50%, 7/01/41	1,000	1,126,500
State of South Carolina Ports Authority, RB, AMT, 5.25%, 7/01/50 State of South Carolina Public Service Authority, RB, Series E, 5.50%, 12/01/53	750	843,360
State of South Carolina Public Service Authority, RB, Series E, 5.50%, 12/01/35 State of South Carolina Public Service Authority, Refunding RB:	40	45,132
State of South Carolina Fublic Service Authority, Refunding RB. Series C, 5.00%, 12/01/46	1,795	1,953,211
Series E, 5.25%, 12/01/55	350	391,387
		9,533,571
Tennessee 0.7%		
Metropolitan Government of Nashville & Davidson County Health & Educational Facilities Board, RB, Vanderbilt University Medical Center, Series A, 4.00%, 7/01/47 Texas 19.3%	800	819,648
Austin Community College District Public Facility Corp., RB, Educational Facilities Project,		
Round Rock Campus, 5.25%, 8/01/18 (a)	2,250	2,347,785
City of Beaumont Texas, GO, Certificates of Obligation, 5.25%, 3/01/37	930	1,076,661
City of Frisco Texas ISD, GO, School Building (AGC), 5.50%, 8/15/41	1,210	1,309,704
City of Houston Texas Combined Utility System Revenue, Refunding RB, Combined 1st Lien, Series A (AGC):		
5.38%, 5/15/19 (a)	950	1,024,204
6.00%, 5/15/19 (a)	2,560	2,788,275
6.00%, 5/15/19 (a)	1,945	2,118,436
6.00%, 11/15/35	140	152,610
6.00%, 11/15/36	110	119,908
5.38%, 11/15/38 County of Tarrant Texas Cultural Education Facilities Finance Corp., Refunding RB, Christus	50	53,460
Health, Series A (AGC):		
6.50%, 1/01/19 (a)	265	285,447
6.50%, 7/01/37	835 Par	888,298
Municipal Bonds	(000)	Value
Texas (continued)		
Dallas-Fort Worth International Airport, ARB, Joint Improvement, Series H, AMT, 5.00%,		
11/01/37	\$ 980	\$ 1,099,815
Dallas-Fort Worth International Airport, Refunding ARB, Joint Revenue, Series E, AMT, 5.50%, 11/01/27	2,500	2,936,625
Lower Colorado River Authority, Refunding RB, 5.50%, 5/15/33	730	856,772
North Texas Tollway Authority, RB, Special Projects, Series A, 5.50%, 9/01/41	2,750	3,194,730
North Texas Tollway Authority, Refunding RB, 1st Tier:		
(AGM), 6.00%, 1/01/43	1,000	1,141,410
Series K-1 (AGC), 5.75%, 1/01/19 (a)	1,400	1,493,912
Red River Texas Education Financing Corp., RB, Texas Christian University Project, 5.25%,	(20)	
3/15/38	420	479,035

Texas Private Activity Bond Surface Transportation Corp., RB, Senior Lien, Blueridge Transportation Group, AMT, 5.00%, 12/31/55	525	571,499
Virginia 1.2%		23,938,586
City of Lexington Virginia IDA, RB, Washington & Lee University, 5.00%, 1/01/43 State of Virginia Public School Authority, RB, Fluvanna County School Financing, 6.50%,	380	425,562
12/01/18 (a)	1,000	1,074,150
Washington 1.6%		1,499,712
City of Seattle Washington Municipal Light & Power, Refunding RB, Series A, 5.25%, 2/01/36 State of Washington, GO, Various Purposes, Series B, 5.25%, 2/01/36	1,000 725	1,121,300 817,691
Wisconsin 0.8%		1,938,991
Wisconsin 4.6 % Wisconsin Health & Educational Facilities Authority, Refunding RB, Froedtert Health, Inc. Obligated Group, 4.00%, 4/01/39	270	279,188
Wisconsin Housing & Economic Development Authority, RB, M/F Housing, WHPC Madison Pool Project, Series A, 4.70%, 7/01/47	660	710,378
		989,566
Total Municipal Bonds 127.1%		157,268,975
Municipal Bonds Transferred to Tender Option Bond Trusts (d) Alabama 0.8%		
Auburn University, Refunding RB, Series A, 4.00%, 6/01/41 California 5.6%	920	971,134
City of Los Angeles Department of Airports, RB, Los Angeles International Airport, AMT, Series B, 5.00%, 5/15/46 Fremont Union High School District, GO, Refunding, Series A, 4.00%, 8/01/46 Sacramento Area Flood Control Agency, Refunding RB, Consolidated Capital Assessment District	2,050 1,520	2,339,091 1,622,022
No. 2, Series A, 5.00%, 10/01/43	2,565	2,995,766
Connecticut 1.1%		6,956,879
Connecticut State Health & Educational Facility Authority, Refunding RB, Trinity Health Credit		

See Notes to Financial Statements.

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ANNUAL REPORT

BlackRock MuniYield Investment Quality Fund (MFT)

Municipal Bonds Transferred to Tender Option Bond Trusts (d)	Par (000)	Value
District of Columbia 0.7%		
District of Columbia Water & Sewer Authority, Refunding RB, Senior Lien, Series A, 6.00%, 10/01/18 (a)(e)	\$ 759	\$ 804,288
Florida 2.1% County of Hillsborough Florida Aviation Authority, ARB, Tampa International Airport, Series A,		
AMT (AGC), 5.50%, 10/01/38 Illinois 0.9%	2,499	2,610,452
State of Illinois Toll Highway Authority, RB, Series C, 5.00%, 1/01/38 Nevada 7.3%	1,004	1,135,829
County of Clark Nevada Water Reclamation District, GO (a):		
Limited Tax, 6.00%, 7/01/18	2,010	2,103,927
Series B, 5.50%, 7/01/19	1,994	2,165,901
Las Vegas Valley Water District, GO, Refunding, Series C, 5.00%, 6/01/28	4,200	4,755,324
New Jersey 2.2%		9,025,152
New Jersey 2.2% New Jersey Housing & Mortgage Finance Agency, RB, S/F Housing, Series CC, 5.25%, 10/01/29	1,570	1,623,798
New Jersey Transportation Trust Fund Authority, RB, Transportation System, Series B,		
5.25%, 6/15/36 (e)	1,000	1,038,798
		2,662,596
New York 14.9% City of New York New York Municipal Water Finance Authority, Refunding RB, Water & Sewer		
System, 2nd General Resolution:		
Series BB, 5.25%, 6/15/44	2,998	3,409,380
Series FF-2, 5.50%, 6/15/40	1,095	1,181,396
City of New York New York Transitional Finance Authority, BARB, Fiscal 2009, Series S-3,	1 000	1.050.460
5.25%, 1/15/39 Hudson Yards Infrastructure Corp., RB, Fiscal 2012, Series A, 5.75%, 2/15/47 (e)	1,000 1,000	1,059,460 1,155,687
Metropolitan Transportation Authority, Refunding RB, Series C-1, 5.25%, 11/15/56	2,360	2,747,577
Municipal Bonds Transferred to	Par	2,7 11,0 77
Tender Option Bond Trusts (d)	(000)	Value
New York (continued)		
New York Liberty Development Corp., RB, 1 World Trade Center Port Authority Consolidated	¢ 2,000	¢ 2,400,606
Bonds, 5.25%, 12/15/43 New York Liberty Development Corp., Refunding RB, 4 World Trade Center Project, 5.75%,	\$ 3,000	\$ 3,400,696
11/15/51 (e)	1,770	2,043,128
New York State Dormitory Authority, ERB, Personal Income Tax, Series B, 5.25%, 3/15/19 (a)	3,250	3,474,087
Pennsylvania 1.6%		18,471,411
Pennsylvania Turo & Commission, RB, Sub-Series A, 5.50%, 12/01/42 Texas 2.2%	1,664	1,972,095
City of San Antonio Texas Public Service Board, Refunding RB, Series A, 5.25%, 2/01/19 (a)(e) Utah 0.9%	2,609	2,777,464
City of Riverton Utah, RB, IHC Health Services, Inc., 5.00%, 8/15/41	1,005	1,067,966
Total Municipal Bonds Transferred to Tender Option Bond Trusts 40.3% Total Long-Term Investments		49,838,927
(Cost \$191,201,236) 167.4%		207,107,902
Short-Term Securities	Shares	
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (f)(g) Total Short-Term Securities	623,916	624,165
(Cost \$624,103) 0.5%		624,165
Total Investments (Cost \$191,825,339) 167.9%		207,732,067
Liabilities in Excess of Other Assets (0.1)%		$(244\ 021)$

(Cost \$624,103) 0.5%	624,165
Total Investments (Cost \$191,825,339) 167.9%	207,732,067
Liabilities in Excess of Other Assets (0.1)%	(244,021)
Liability for TOB Trust Certificates, Including Interest	
Expense and Fees Payable (22.1)%	(27,283,030)
VMTP Shares at Liquidation Value (45.7)%	(56,500,000)

Net Assets Applicable to Common Shares 100.0%

\$ 123,705,016

Notes to Schedule of Investments

- (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 May 7, 2018 to November 15, 2019, is \$4,627,650. See Note 4 of the Notes to Financial Statements for details.
- (f) During the year ended July 31, 2017, investments in issuers considered to be an affiliate of the Fund for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliate	Shares Held at July 31, 2016	Net Activity	Shares Held at July 31, 2017	Value at July 31, 2017	Income	Realized Gain ¹	Unre	nge in ealized eciation
BlackRock Liquidity Funds, MuniCash, Institutional Class ¹ Includes net capital gain distr	204,010 ibutions.	419,906	623,916	\$ 624,165	\$ 3,597	\$ 2,132	\$	62

(g) Current yield as of period end.

See Notes to Financial Statements.

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JULY 31, 2017

BlackRock MuniYield Investment Quality Fund (MFT)

Value

Derivative Financial Instruments Outstanding as of Period End Futures Contracts

Description	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)		
Short Contracts						
5-Year U.S. Treasury Note	(15)	September 2017	\$ 1,772	\$ (160)		
10-Year U.S. Treasury Note	(32)	September 2017	\$ 4,029	1,271		
Long U.S. Treasury Bond	(17)	September 2017	\$ 2,600	(6,492)		
Ultra U.S. Treasury Bond	(4)	September 2017	\$ 658	(5,433)		
Total				\$ (10,814)		

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		Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts	Net unrealized appreciation ¹					\$ 1,271		\$ 1,271
		Commodity	Credit	Equity	Foreign Currency Exchange	Interest Rate	Other	
Liabilities Derivative Financial Instrumer	nts	Contracts	Contracts	Contracts	Contracts	Contracts	Contracts	Total
Futures contracts	Net unrealized depreciation ¹					\$ 12,085		\$ 12,085
¹ Includes cumulative appreciation (depreciation reported within the Statements of Assets and L		reported in the S	Schedule of	f Investmer	nts. Only cur	rent day s va	ariation marg	gin is

For the year ended July 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from: Futures contracts	Commodity Contracts	 Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts \$ 399,173	Other Contracts	Total \$ 399,173
Net Change in Unrealized Appreciation (Depreciation) on: Futures contracts				\$ 10,032		\$ 10,032

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Average notional value of contracts short \$10,926,402 For more information about the Fund s investment risks regarding derivative financial instruments, refer to the Notes to Financial Statements.

See Notes to Financial Statements.

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BlackRock MuniYield Investment Quality Fund (MFT)

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:

	Level 1	Level 2	Level 3		Total
Assets: Investments: Long-Term Investments ¹ Short-Term Securities	\$ 624,165	\$ 207,107,902		\$ 20)7,107,902 624,165
Total	\$ 624,165	\$ 207,107,902		\$ 20)7,732,067
Derivative Financial Instruments ² Assets:					
Interest rate contracts Liabilities:	\$ 1,271			\$	1,271
Interest rate contracts	(12,085)				(12,085)
Total	\$ (10,814)			\$	(10,814)

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

² 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:

	Level 1	Level 2	Level 3	Total
Liabilities: TOB Trust Certificates VMTP Shares at Liquidation Value		\$ (27,228,737) (56,500,000)		\$ (27,228,737) (56,500,000)
Total		\$ (83,728,737)		\$ (83,728,737)

During the year ended July 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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Schedule of Investments July 31, 2017

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

(Percentages shown are based on Net Assets)

	_	
Municipal Panda	Par (000)	Value
Municipal Bonds Michigan 137.7%	(000)	value
Corporate 4.0%		
County of Monroe Michigan EDC, Refunding RB, Detroit Edison Co. Project, Series AA		
(NPFGC), 6.95%, 9/01/22	\$ 14,500	\$ 18,119,635
County/City/Special District/School District 25.7%	φ 14,500	φ 10,119,055
Anchor Bay School District, GO, Refunding, (Q-SBLF):		
4.38%, 5/01/27	1,600	1,754,624
4.50%, 5/01/29	1,505	1,650,353
Battle Creek School District Michigan, GO, Refunding, (Q-SBLF):	,	
5.00%, 5/01/35	1,100	1,260,864
5.00%, 5/01/36	1,500	1,715,640
5.00%, 5/01/37	1,170	1,336,280
Berkley School District, GO, School Building & Site (Q-SBLF), 5.00%, 5/01/35	2,965	3,370,019
Byron Center Public Schools, GO, School Building & Site, Series I (Q-SBLF):		
5.00%, 5/01/43	1,580	1,816,510
5.00%, 5/01/47	3,635	4,166,001
Columbia Michigan School District, GO, Unlimited Tax, School Building & Site (Q-SBLF),		
5.00%, 5/01/38	5,185	5,866,413
Comstock Park Michigan Public Schools, GO, School Building & Site, Series B (Q-SBLF):		
5.50%, 5/01/36	1,200	1,353,300
5.50%, 5/01/41	2,185	2,464,134
County of Genesee Michigan, GO, Refunding, Series A (NPFGC), 5.00%, 5/01/19	1,000	1,009,940
Dearborn Brownfield Redevelopment Authority, GO, Limited Tax, Redevelopment, Series A	5 200	5 < 10 001
(AGC), 5.50%, 5/01/39	5,300	5,642,221
Dearborn School District, GO, School Building & Site, Series A (Q-SBLF):	1 500	1 717 545
5.00%, 5/01/32	1,500	1,717,545
5.00%, 5/01/33	1,600	1,824,096
5.00%, 5/01/34	1,200	1,363,620
Dowagiac Union School District, GO, (Q-SBLF), 5.00%, 5/01/41 East Lansing School District, GO, School Building & Site, Series I (Q-SBLF):	1,140	1,294,538
5.00%, 5/01/34	600	701,874
5.00%, 5/01/35	700	816,914
5.00%, 5/01/36	550	639,337
5.00%, 5/01/37	550	638,330
5.00%, 5/01/39	740	856,143
5.00%, 5/01/42	1,000	1,151,500
Farmington Public School District, GO, Refunding, School Building & Site (AGM):	,	y - y
5.00%, 5/01/33	1,500	1,717,170
5.00%, 5/01/34	1,500	1,711,575
5.00%, 5/01/35	1,000	1,139,570
Flint EDC, RB, Michigan Department of Human Services Office Building Project,		
5.25%, 10/01/41	4,950	5,516,973
Fraser Public School District, Refunding, GO, School Building & Site (Q-SBLF):		
5.00%, 5/01/38	750	869,078
5.00%, 5/01/43	2,000	2,299,380
5.00%, 5/01/47	3,225	3,696,108
Goodrich Area School District Michigan, GO, School Building & Site (Q-SBLF):		1.125.550
5.50%, 5/01/32	1,000	1,127,750
5.50%, 5/01/36	2,000	2,255,500
5.50%, 5/01/41	2,575	2,903,956
Municipal Danda	Par	Value
Municipal Bonds Michigan (continued)	(000)	Value
County/City/Special District/School District (continued)		
Grand Rapids Public Schools, GO, Refunding Unlimited Tax (AGM), 5.00%, 5/01/29	\$ 1,000	\$ 1,202,010
Grandville Public Schools, GO, School Building & Site, Series II (AGM), 5.00%, 5/01/29		3,648,580
	3.250	
	3,250	5,040,500
Hudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.25%,		
Hudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.25%, 5/01/41	3,250 6,750	7,569,787
Hudsonville Michigan Public Schools, GO, School Building & Site (Q-SBLF), 5.25%,		

5.00%, 5/01/44	1,815	2,061,041
Livonia Public Schools School District Michigan, GO, Series I (AGM), 5.00%, 5/01/43	5,000	5,510,450
Mattawan Consolidated School District, GO,	2,000	0,010,100
Series I (Q-SBLF), 5.00%, 5/01/39	3,375	3,808,654
Portage Public Schools, GO, Refunding School Building & Site:		
5.00%, 11/01/34	1,000	1,148,720
5.00%, 11/01/36	1,000	1,143,760
5.00%, 11/01/37	1,250	1,427,650
5.00%, 11/01/35	1,340	1,535,962
Romeo Community School District, GO, Refunding School Building & Site, Series 1		
(Q-SBLF), 5.00%, 5/01/41	2,250	2,564,213
Troy School District, GO, School Building & Site (Q-SBLF), 5.00%, 5/01/28	2,000	2,329,940
Walled Lake Consolidated School District, GO, School Building & Site (Q-SBLF):		
5.00%, 5/01/37	2,850	3,226,314
5.00%, 5/01/40	2,630	2,967,560
5.00%, 5/01/43	1,530	1,718,909
West Bloomfield School District, GO, School Building & Site (AGM):		
5.00%, 5/01/34	1,285	1,500,803
5.00%, 5/01/35	1,800	2,097,324
Zeeland Public Schools, GO, School Building & Site, Series A (AGM):		
5.00%, 5/01/33	1,000	1,128,490
5.00%, 5/01/34	1,000	1,124,830
5.00%, 5/01/35	1,000	1,122,640
		117,761,301
Education 25.4%		
City of Grand Rapids Michigan, EDC, RB, Ferris State University Project, Series A,	-	005.055
5.50%, 10/01/35	760	835,977
Ferris State University, Refunding RB:	2.250	2 500 605
5.00%, 10/01/41	2,250	2,590,695
General (AGM), 4.50%, 10/01/24	1,595	1,658,050
General (AGM), 4.50%, 10/01/25	1,405	1,460,540
Grand Valley State University, RB, (NPFGC), 5.50%, 2/01/18	390	395,990
Michigan Finance Authority, Refunding RB:	1.500	1 525 200
College for Creative Studies, 4.00%, 12/01/33	1,720	1,737,200
College for Creative Studies, 5.00%, 12/01/36	1,550	1,657,353
College for Creative Studies, 5.00%, 12/01/40	2,900	3,082,352
College for Creative Studies, 5.00%, 12/01/45	4,400	4,656,388
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/28	8,750	9,054,762
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/29	5,900	6,074,817

See Notes to Financial Statements.

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BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

	Par		
Municipal Bonds	(000)	Value	
Michigan (continued)	(***)		
Education (continued)			
Michigan Finance Authority, Refunding RB (continued):			
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/30	\$ 2,850	\$ 2,919,027	
Series 25 A, AMT, Student Loan Revenue, 4.00%, 11/01/31	3,150	3,220,245	
Michigan State University, Refunding RB, General, Series C:	0.470	0.4.44.050	
5.00%, 2/15/40	8,470	9,141,078 1,079,230	
5.00%, 2/15/44 Michigan Technological University, RB, General, Series A, 5.00%, 10/01/45	1,000 1,800	2,014,686	
Oakland University, RB:	1,800	2,014,080	
5.00%, 3/01/41	3,635	4,122,599	
General, 5.00%, 3/01/32	400	446,164	
General, Series A, 5.00%, 3/01/38	5,490	6,134,197	
General, Series A, 5.00%, 3/01/43	16,845	18,720,185	
University of Michigan, RB, Series A, 5.00%, 4/01/39	3,425	3,913,782	
University of Michigan, Refunding RB, 5.00%, 4/01/46	10,000	11,657,100	
Wayne State University, RB, General, Series A, 5.00%, 11/15/40	3,000	3,343,230	
Western Michigan University, Refunding RB, General, University and College			
Improvements:			
5.25%, 11/15/40	3,500	3,965,395	
5.25%, 11/15/43	8,475	9,575,648	
(AGM), 5.25%, 11/15/33	1,000	1,142,810	
(AGM), 5.00%, 11/15/39	1,750	1,952,353	
		116,551,853	
Health 34.3%			
Grand Traverse County Hospital Finance Authority, RB, Series A:			
5.00%, 7/01/44	4,230	4,657,611	
5.00%, 7/01/47	2,200	2,418,130	
Kalamazoo Hospital Finance Authority, RB, Bronson Methodist Hospital (AGM):	4 1 4 0	4 (0(220	
5.25%, 5/15/20 (a)	4,140	4,606,330	
5.25%, 5/15/36 Kent Hospital Finance Authority Michigan, Refunding RB, Spectrum Health, Series A,	3,360	3,614,822	
5.00%, 11/15/29	7,500	8,299,275	
Michigan Finance Authority, RB:	7,500	0,277,215	
Beaumont Health Credit Group, 4.00%, 11/01/46	1,025	1,052,521	
Sparrow Obligated Group, 5.00%, 11/15/36	2,500	2,768,525	
Sparrow Obligated Group, 5.00%, 11/15/45	3,750	4,179,075	
Michigan Finance Authority, Refunding RB:			
Henry Ford Health System, 5.00%, 11/15/37	3,000	3,381,990	
Henry Ford Health System, 3.25%, 11/15/42	1,145	1,020,882	
Henry Ford Health System, 4.00%, 11/15/46	8,500	8,585,170	
Hospital, McLaren Health Care, 5.00%, 5/15/32	1,000	1,137,210	
Hospital, McLaren Health Care, 5.00%, 5/15/33	2,000	2,265,520	
Hospital, McLaren Health Care, 5.00%, 5/15/34	5,000	5,649,000	
Hospital, McLaren Health Care, 5.00%, 5/15/34	1,500	1,694,700	
Manifold David	Par	X7 - I	
Municipal Bonds Michigan (continued)	(000)	Value	
Michigan (continued) Health (continued)			
Michigan Finance Authority, Refunding RB (continued):			
Hospital, McLaren Health Care, 5.00%, 5/15/35	\$ 4,945	\$ 5,575,933	
MidMichigan Health, 5.00%, 6/01/39	1,500	1,667,400	
Trinity Health Credit Group, 5.00%, 12/01/21 (a)	20	23,199	
Trinity Health Credit Group, 5.00%, 12/01/31	5,000	5,668,450	
Trinity Health Credit Group, 5.00%, 12/01/35	6,500	7,354,490	
Trinity Health Credit Group, 5.00%, 12/01/39	4,980	5,619,133	
Michigan State Hospital Finance Authority, RB, Ascension Health Senior Credit Group,			
5.00%, 11/15/25	6,000	6,474,720	
Michigan State Hospital Finance Authority, Refunding RB:			
Ascension Senior Credit Group, 5.00%, 11/15/47	2,750	3,141,930	

Henry Ford Health System, 5.75%, 11/15/19 (a)	3,165	3,501,439
Hospital, Oakwood Obligated Group,		
5.00%, 11/01/32	4,000	4,426,720
Hospital, Sparrow Obligated Group, 5.00%, 11/15/17 (a)	3,330	3,369,127
Hospital, Sparrow Obligated Group, 5.00%, 11/15/31	1,365	1,376,876
McLaren Health Care, Series A, 5.75%, 5/15/18 (a)	6,000	6,228,540
McLaren Health Care, Series A, 5.00%, 6/01/35	2,250	2,459,453
Trinity Health, 6.50%, 12/01/18 (a)	425	456,318
Trinity Health, 6.50%, 12/01/33	80	85,375
Trinity Health Credit Group, 6.50%, 12/01/18 (a)	1,895	2,034,643
Trinity Health Credit Group, Series A, 6.13%, 12/01/18 (a)	940	1,004,606
Trinity Health Credit Group, Series A, 6.25%, 12/01/18 (a)	1,500	1,605,585
Trinity Health Credit Group, Series C, 4.00%, 12/01/32	5,300	5,488,309
Royal Oak Hospital Finance Authority Michigan, Refunding RB:		
Beaumont Health Credit Group, Series D, 5.00%, 9/01/39	27,465	30,550,418
William Beaumont Hospital, Series W, 6.00%, 8/01/19 (a)	1,500	1,646,940
Royal Oak Michigan Hospital Finance Authority, Refunding RB, William Beaumont		
Hospital, Series V, 8.25%, 9/01/18 (a)	2,000	2,157,400
		157,247,765
Housing 5.5%		
Michigan State HDA, RB:		
M/F Housing, Rental Housing Revenue, Series A, 4.45%, 10/01/34	1,000	1,055,780
M/F Housing, Rental Housing Revenue, Series A, 4.63%, 10/01/39	3,490	3,655,321
M/F Housing, Rental Housing Revenue, Series A, 4.75%, 10/01/44	5,000	5,226,900
M/F Housing, Series A, 4.30%, 10/01/40	3,320	3,435,802
S/F Housing, Series A, 4.75%, 12/01/25	2,260	2,408,505

See Notes to Financial Statements.

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JULY 31, 2017

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Municipal Bonds (000) Value		Par		
Housing (continued) Williams Parvilion, AMT (Ginnie Mac), 4.75%, 4.20/37 Williams Provision, AMT (Ginnie Mac), 4.75%, 4.20/37 Williams Provision, AMT (Ginnie Mac), 4.75%, 4.20/37 State 16.2% Wilchigan State (FAC), 8% State 16.2% Williams Reame Authority, Refunding RB, Detroit Regional Convention Facility Authority Local Project Bonds, 5.00%, 1001/39 Williams Strategie Fund, Refunding RB, Detroit Regional Convention Facility Authority Local Project Bonds, 5.00%, 1001/39 Williams Strategie Fund, Refunding RB, Detroit Regional Convention Facility Authority Local Project Bonds, 5.00%, 1001/39 Williams Strategie Fund, RR, Michigan Scate Offices Project, Scries A, 5.25%, 101/5/0 Strate of Michigan Strategie Fund, RR, Michigan Scate Offices Project, Scries A, 5.25%, 101/5/10 Strate of Michigan Strategie Fund, Refunding RB, Calillan Phace Office Paulding Project, 25%, 1001/31 Withigan Strategie Fund, Refunding RB, Calillan Phace Office Paulding Project, 25%, 1001/41 Withigan Strategie Fund, Refunding RB: 25%, 1001/41 State of Michigan Stratifies Program, Series F, 25%, 1001/41 State of Michigan Stratifies Program, Series F, 25%, 1001/41 State of Michigan Stratifies Program, Series I, 6.25%, 1015/18 (a) 242,663 State of Michigan Stratifies Program, Series I, 6.25%, 1015/18 (a) 242,663 State of Michigan Strategie (La 25%, 1015/18 (a) 242,663 State of Michigan Strate J, 6.25%, 1015/26 240,00 2	Municipal Bonds		Value	
Michigan Shate, HDA, RB (continued): 3.342,171 Witchigan Shate, HDA, Rcfunding, RB, MF Housing, Sories A, 6.05%, 1001/41 5,460 5,819,595 State IDA, Rcfunding, RB, MF Housing, Sories A, 6.05%, 1001/41 5,460 5,819,595 State IDA, Rcfunding, RB, Detroit Regional Convention Facility Authority Local Projet Book, 500%, 1001/39 5,400 6,039,900 Witchigan State, Finance Authority, RB, Local Government Loan Program, Series F, 505%, 401/31 1,082,640 1,082,640 Witchigan State, Finance Authority, RB, Local Government Loan Program, Series F, 525%, 1001/511 7,000 8,053,150 State of Michigan, State, 107,811 7,000 8,053,150 3,000 2,701,530 State of Michigan Building Authority, RB, Local Government Loan Program, Series F. 8,595 9,325,747 State of Michigan Building Authority, RB, Local Government Loan Program, Series F. 8,595 9,325,747 State of Michigan Building Authority, RB, Local Government Loan Program, Series F. 9,300,101,828,91 3,000 2,701,530 State of Michigan Building Authority, RB, Local Government Loan Program, Series F. 9,302,747 3,000 2,018,890 State of Michigan Building Authority, RB, Local Government Loan Program, Series F. 9,325,747 3,302 <td< td=""><td>Michigan (continued)</td><td></td><td></td><td></td></td<>	Michigan (continued)			
William Paulion, AMT (Gimnie Mac), 475%, 420037 § 3,340 § 3,342,171 Wilkingan Shue HDA, Refunding RB, MP Housing, Series A, 6.05%, 1001/41 5,460 5,819-95 State: 16.2% 42,944,074 Wilkingan Shume Authority, Refunding RB, Detroit Regional Convention Facility Authority 5,400 6,0039,000 Witchigan State Imme Authority, RB, Load Government Loan Program, Series F, 1000 14022,640 State of Michigan Strategic Fund, RF, Michigan Senate Offices Project, 3,000 3,401,530 S25%, 107531 7,000 8,053,150 3,000 2,207,1530 State of Michigan Strategic Fund, RF, Michigan Senate Offices Project, 3,000 2,207,1530 State of Michigan Building Authority, Refunding RB: 100124 100124 10018,806 Scate of Michigan Building Authority, Refunding RB: 2010 2,206,303 10018,806 Scate of Michigan Building Authority, Refunding RB: 2000 2,603,300 10018,806 Scate of Michigan Building Authority, Refunding RB: 2000 2,603,00 1007,818,00 Scate of Michigan Building Authority, Refunding RB: 2000 2,603,00 10018,806				
Wichigan Sane HDA, Refunding RB, MF Housing, Series A, 6.05%, 1001/41 5.460 5.819,595 State: 16.2% 24,944,074 Wichigan Finance Authority, Refunding RB, Detroit Regional Convention Facility Authority 5.400 6.039,900 Wichigan State; Finance Authority, RB, Local Government Loan Program, Series F, 1.000 1.082,640 Wichigan Strategic Fund, RM, Michigan Senate Offices Poijeet, Series A, 5.25%, 10715/40 3.000 2.791,530 State of Michigan Strate Offices Poiled Reg Offices Building Project, Convertion Facility Authority, RB, Local Government Loan Program, Series F, 8.595 9.225,747 State of Michigan Building Authority, Refunding RB: 3700 4.013,806 State of Michigan State (SSS), 101518 (a) 2.00 2.235,80 State of Michigan State (SSS), 101518 (a) 2.00 6.355,680 Waithers Program, Series 1, CSS, 101518 (a) 2.00 2.055,680 Waithers Program, Series 1, CASS, 101518 (a) 2.00 2.053,600 Waithers Program, Series 1, CACD, S.2554, 101526 3.000 3.808,910 Waithers Program, Series 1, CACD, S.2554, 101526 1.000 1.087,340 Waithers Program, Series 1, CACD, S.2554, 101526 1.000 1.087,340	•	¢ 2.240	¢ 0.040.171	
3tate 16.2% 24,944,074 Weitping Timace Authority, Refunding RB, Denviol Regional Convention Facility Authority 5,400 6,039,900 Weitping Timace Authority, RB, Local Government Loan Program, Series F, 1,000 1,082,640 Weitping Strategic Fund, RB, Meitping Stenate Offices Project, Series A, 5,255, 10/1540 3,000 3,403,530 State of Michigan Strategic Fund, RB, Calillae Place Office Building Project, Series A, 5,255, 10/1574 7,000 8,053,150 State of Michigan Studieg Authority, RB, Local Government Loan Program, Series F, 3,000 2,791,530 State of Michigan Building Authority, Refunding RB: 5,895 9,225,747 State of Michigan Series 1, 6,25%, 10/15748 210 222,663 "acilities Program, Series 1, 6,25%, 10/15748 6,000 6,353,800 "acilities Program, Series 1, 6,25%, 10/1574 6,000 6,033,900 "acilities Program, Series 1, 16,02, 5,25%, 10/1574 6,000 6,033,900 "acilities Program, Series 1, 16,02, 5,25%, 10/1574 6,000 6,033,900 "acilities Program, Series 1, 16,02, 5,25%, 10/1574 6,000 1,087,340 "acilities Program, Series 1,40,02, 5,25%, 10/1574 6,000 1,087,340				
State 16.2% 5.400 6.039.900 Michigan Finance Authority, RB, Local Government Loan Program, Series F, 1.000 1.082.640 Michigan State (Fund R, BK), Educid Government Loan Program, Series F, 1.000 1.082.640 Michigan Strategic Fund, RB, Michigan Sonate Offices Project, Series A, 5.255, 1015/10 3,000 2,791,530 State of Michigan Strategic Fund, RB, Local Government Loan Program, Series F, 2.791,530 2.791,530 State of Michigan Building Authority, RB, Local Government Loan Program, Series F, 2.791,530 2.791,530 State of Michigan Suilding Authority, Refunding RB: 3.780 4.018.806 "actilities Program, Series L 6.254, 1015/18 (a) 2.766 2.402.832 "actilities Program, Series L 6.254, 1015/24 6.000 6.335.080 "actilities Program, Series L 6.254, 1015/258 3.500 3.508,910 "actilities Program, Series L 6.254, 1015/26 1.000 1.087,340 "actilities Progr	Michigan State HDA, Refunding RB, M/F Housing, Series A, 6.05%, 10/01/41	5,460	5,819,595	
State 16.2% 5.400 6.039.900 Michigan Finance Authority, RB, Local Government Loan Program, Series F, 1.000 1.082.640 Michigan State Equation (Michigan Sentate Offices Project, Series A, 5.25%, 10/15/40 3.000 3.303.530 Michigan Strategic Fund, RB, Michigan Sentate Offices Project, Series A, 5.25%, 10/15/40 3.000 2.791,530 State of Michigan Sulding Authority, RB, Local Government Loan Program, Series F, 7.000 8.053,150 State of Michigan Building Authority, RB, Local Government Loan Program, Series F, 7.000 8.053,150 State of Michigan Sulding Authority, Refunding RB: 8.955 9.325,747 State of Michigan Series I, 6.25%, 10/15/18 (a) 3.780 4.018.896 "acilities Program, Series I, 6.25%, 10/15/18 (a) 2.266 2.402.832 "acilities Program, Series I, 6.25%, 10/15/26 1.000 1.087.340 "acilities Program, Series I, 6.25%, 10/15/26 1.000 1.087.340 "acilities Program, Series I, 6.25%, 10/15/26 1.000 1.087.340 "acilities Program, Series I, 1.640, 5.05%, 10/15/26 7.500 8.112.657 State of Michigan Fruer Line Fund, RB: 3.000 3.401.280 <td< td=""><td></td><td></td><td>24 944 074</td><td></td></td<>			24 944 074	
cccal Project Bonds, 500%, 1001/39 5.400 6.039,000 kickpian State Finance Authority, RB, Local Government Loan Program, Series F, 1000 1.000 1.082,640 kickpian State Trackgie Fund, RB, Michigan Senate Offices Project, Series A, 5.25%, 10/15/40 3.000 3.403,530 kickpian Strategie Fund, RB, Michigan Senate Offices Project, Series A, 5.25%, 10/15/40 3.000 2.791,530 State of Michigan, COP, (AMBAC), 0.00%, 60/122 (b)(c) 3.000 2.791,530 State of Michigan Building Authority, RFL tocal Government Loan Program, Series F, 22%, 10/15/18 (a) 3.780 4.018,836 "acilities Program, Series I, 6.25%, 10/15/18 (a) 2.260 2.242,632 2.260 "acilities Program, Series I, (AGC), 5.25%, 10/15/24 6.000 6.555,080 3.680,910 "acilities Program, Series I, (AGC), 5.25%, 10/15/25 3.500 3.808,910 2.000 2.265,300 "acilities Program, Series I, (AGC), 5.25%, 10/15/26 7.000 8.112,675 5.439,083 State of Michigan, Trunk Line Fund, RB: - 74,029,230 - "acilities Program, Series I, (AGC), 5.25%, 10/15/26 7.500 8.112,675 4.303,297 State of Michigan Rue Gourd, AI, AMT -			_ ,,, ,,,,,,	
Wichigan State Finance Authority, RB, Local Government Loan Program, Series F, 100540 1.000 1.022,640 Wichigan Strategic Fund, RB, Michigan Sente Offices Project, Series A, 5.25%, 101540 3.000 3,405,530 Store of Michigan COP, (AMBAC), 0.00%, 601/22 (b)(c) 3.000 2,791,530 State of Michigan Building Authority, RB, Local Government Lean Program, Series F, 52%, 1017141 8.595 9,325,747 State of Michigan Building Authority, RB, Local Government Lean Program, Series F, 52%, 101714 8.595 9,325,747 State of Michigan Building Authority, RB, Local Government Lean Program, Series F, 52%, 101518 (a) 2.000 2.402,833 State of Michigan Series I, 6.25%, 101578 (a) 2.00 2.263 3.000 Facilities Program, Series I, 6.25%, 101578 (a) 2.000 2.055,300 3.000 Facilities Program, Series I, 6.46C, 5.25%, 101576 (a) 0.000 1.087,340 Facilities Program, Series I, 6.46C, 5.25%, 101576 (a) 2.000 2.055,300 Facilities Program, Series I, 6.46C, 5.25%, 101576 (a) 3.000 3.401,203 Facilities Program, Series I, 6.46C, 5.25%, 101576 (a) 2.000 2.055,300 Facilities Program, Series I, 6.46C, 5.25%, 101576 (a) 3.000 3.401,203 Facilities Program, Series I, 6.47% (b) 5.05%, 101576 (
100% 40/31 100% 40/31 100% 40/33 100% 40/33 100% 40/3330 40/45/30	3	5,400	6,039,900	
dichigan Strategic Fund, R.B., Michigan Senate Offices Project, Series A. 5.25%, 10/15/40 3.000 3.403.530 1.25%, 10/15/11 7.000 8.053.150 Bate of Michigan COP, (AMBAC), 0.00%, 60/122 (b)(c) 3.000 2.791.530 State of Michigan Building Authority, R.B., Local Government Loan Program, Series F, 125%, 10/15/14 8.595 9.325,747 State of Michigan Building Authority, R.B., Local Government Loan Program, Series F, 22%, 10/15/14 8.595 9.325,747 State of Michigan Building Authority, R.B., Local Government Loan Program, Series F, 22%, 10/15/14 3.780 4.018,896 Scatilities Program, Series 1, 6.25%, 10/15/18 (a) 2.100 2.22,663 Scatilities Program, Series 1, 14,6C, 5.25%, 10/15/25 3.500 3.880,810 Scatilities Program, Series 1, 14,6C, 5.25%, 10/15/26 1.000 1.087,340 Scatilities Program, Series 1, 14,6C, 5.25%, 10/15/26 7.500 8.112,675 Scatilities Program, Series 1, 14,6C, 5.25%, 10/15/26 7.500 8.112,675 Scatilities Program, Series 1, 14,6C, 15.25%, 10/15/26 7.500 8.112,675 State of Michigan Trunk Line Fund, RB: 3.000 3.400,1280 State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8.500 \$.646,410 Wayne County Airport, AUT (NPFGC), 5.00%, 12/01/39 1,475 1.633.032 State of Michigan, RB, Garvee, GAB (AGM), 5.25%,		1.000	1 000 < 10	
dichigan Strategic Fund, Refunding RB, Cadillae Place Office Building Project, 7.000 8.053.150 State of Michigan, COP, (AMBAC), 0.00%, 6001/22 (b)(c) 3.000 2.791.1530 State of Michigan Building Aubority, RB, Local Government Loan Program, Series F, 8.595 9.325.747 State of Michigan Building Aubority, Refunding RB: 8.595 9.325.747 State of Michigan Building Aubority, Refunding RB: 8.595 9.325.747 State of Michigan Building Aubority, Refunding RB: 8.595 9.325.747 State of Michigan Building Aubority, Refunding RB: 2.260 2.402.832 Statifies Program, Series I, CaZS*, 1015124 6.000 6.353.080 Statifies Program, Series I, CACS, 5.25%, 101525 3.500 3.308.910 Stacillites Program, Series I, CACS, 5.25%, 101525 2.000 2.265.300 State of Michigan Truck Line Pund, RB: 7.500 8.112.675 Steffer S. J.00%, 1/1573 3.000 3.401.280 State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8.500 8.546.410 Varue county Airport Aubority, RB: 74.029.230 74.029.230 State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8.500				
take of Michigan COP, (AMBAC), 0.00%, 601/22 (b)(c) 3,000 2,791,230 2.3%, 1001/41 8,595 9,325,747 take of Michigan Building Authority, Refunding RB:		3,000	5,405,550	
tate of Michigan Building Authority, RB, Local Government Loan Program, Series F, 8.595 9.325,747 tate of Michigan Building Authority, Refunding RB: 3.780 4.018.896 acilities Program, Series I, 6.25%, 10/15/18 (a) 2.260 2.402,832 acilities Program, Series I, 6.25%, 10/15/28 (a) 2.00 6.2535,080 acilities Program, Series I, 6.25%, 10/15/25 3.500 3.808,910 acilities Program, Series I, ACC, 5.25%, 10/15/25 3.500 3.808,910 acilities Program, Series I, ACC, 5.25%, 10/15/26 1.000 1.087,340 acilities Program, Series I, ACD, 5.25%, 10/15/26 7.500 8.112,675 acilities Program, Series II, ACM, 5.05%, 10/15/26 7.500 8.112,675 acilities Program, Series II, ACM, 5.05%, 10/15/26 7.500 8.112,675 acilities Program, Series II, ACM, S.00%, 10/15/26 7.600 8.404,0280 acilities Program, Trunk Line Fund, RB: - - - acide of Michigan Trunk Line Fund, RB: - - - acide of Michigan Series I, ACM, S.25%, 9/15/17 (a) 8.500 8.546,410 vayne County Airport Authority, Refinding RB, AMT: - - - Catter S, 5.00%, 120/145 <t< td=""><td></td><td></td><td>8,053,150</td><td></td></t<>			8,053,150	
25%, 1001/41 8,595 9,325,747 iace of Michigan Building Authority, Refunding RB: 3,780 4,018,896 iacilities Program, Series 1, 6,25%, 1015/18 (a) 2,260 2,402,832 iacilities Program, Series 1, 6,25%, 1015/38 210 222,263 iacilities Program, Series 1, 6,25%, 1015/24 6,000 6,535,080 iacilities Program, Series 1, 16,05, 5,25%, 1015/25 3,500 3,808,910 iacilities Program, Series 1, 16,05, 5,25%, 1015/25 2,000 2,265,300 iacilities Program, Series 1, 16,05%, 1015/25 2,000 2,265,300 iacilities Program, Series 1, 45,05%, 1015/25 3,000 3,401,280 iacilities Program, Series 1, 45,05%, 1015/25 3,000 3,401,280 iacilities Program, Series 1, 45,05%, 1015/26 7,500 8,112,675 ieries 1, 5,00%, 41/541 4,750 5,345 6,038,674 vorse, 11/15/36 3,000 3,601,280 3,000 3,601,280 vorse, 11/15/36 5,000 8,546,410 2,292,300 3,606,300 3,602,302 varier dworpolitand Wayne County Airport, AMT (NPFGC), 5,00%, 1201/39 1,475 1,633,032 4,359,239 eries D, 5,00%, 1201/35		3,000	2,791,530	
taie of Michigan Building Authority, Refunding RB: acilities Program, Series I, 625%, 1015/18 (a) 2,780 4,018,896 acilities Program, Series I, 625%, 1015/18 (a) 2,260 2,402,832 acilities Program, Series I, 625%, 1015/28 (a) 2,266 3 acilities Program, Series I, 625%, 1015/24 6,000 6,535,080 facilities Program, Series I, 14C0, 5,25%, 1015/25 3,500 1,808,910 acilities Program, Series I, 14C0, 5,25%, 1015/25 3,500 1,808,910 acilities Program, Series I, 14C10, 5,25%, 1015/26 1,000 1,087,340 acilities Program, Series I, 14C10, 5,25%, 1015/26 7,500 8,112,675 teritis I, 5,00%, 415/41 4,750 5,439,083 itate of Michigan Trunk Line Fund, RB: 				
hachites Program. Series I, 6.25%, 10/15/18 (a) 2,260 2,400.832 acilities Program. Series I, 625%, 10/15/18 (a) 2,260 2,400.832 acilities Program. Series I, 625%, 10/15/23 3,500 5,500 acilities Program. Series I, 16(25), 5,25%, 10/15/25 3,500 3,808,910 acilities Program. Series I, 16(25), 5,25%, 10/15/25 2,000 2,265,300 acilities Program. Series I, 16(25), 5,25%, 10/15/25 2,000 2,265,300 acilities Program. Series I, 16,25%, 10/15/25 2,000 2,265,300 acilities Program. Series I, 10,50%, 10/15/26 7,500 8,112,675 acilities Program. Series I, 10,50%, 10/15/26 7,500 8,112,675 acilities Program. Series I, 10,50%, 10/15/26 7,500 8,410,80 acilities Program. Series I, 5,05%, 10/15/3 3,000 3,401,280 .00%, 11/15/36 3,000 3,608,674 .00%, 11/15/36 3,000 8,500 .11.2% 7 1,633,032 .00%, 12/01/45 5,000 5,006,900 Yape County Airport Authority, RB: 3,000 4,592,393 eries D, 500%, 12/01/45 5,000 4,503,397 AGCL, 5,37%, 12/01/26		8,595	9,325,747	
hadilies Program, Series I, 25%, 10/15/18 (a) 2, 200 2, 2, 26, 3 acilities Program, Series I, 26, 52%, 10/15/28 2, 10 acilities Program, Series I, 4GC), 5, 25%, 10/15/25 3, 300 3, 308, 910 acilities Program, Series I, 4GC), 5, 25%, 10/15/25 3, 300 2, 265, 300 acilities Program, Series I, 4GC), 5, 25%, 10/15/25 2, 000 2, 265, 300 acilities Program, Series I, 4GCN), 5, 20%, 10/15/25 2, 000 2, 265, 300 acilities Program, Series I, 4GCN), 5, 00%, 10/15/25 2, 000 2, 265, 300 acilities Program, Series I, 4GCN), 5, 00%, 10/15/25 2, 000 2, 265, 300 acilities Program, Series I, 4GCN), 5, 00%, 10/15/25 2, 000 2, 265, 300 acilities Program, Series I, 4GCN), 5, 00%, 10/15/25 2, 000 2, 265, 300 acilities Program, Series I, 4GCN), 5, 00%, 10/15/26 7, 500 8, 11/15/33 3, 000 3, 401, 280 i, 00%, 11/15/36 3, 300 3, 401, 280 i, 00%, 11/15/36 3, 300 3, 401, 280 i, 00%, 11/15/36 3, 300 8, 546, 410 Fransportation 11.2% fransportation 12% fransportation 11.2% fransportation 12% fransportation 12% fransportation 12% fransportation 12% fransportation 12% fransportation 12% franspor		2 700	4.019.907	
Transportation 1.10 222.663 acilities Program, Series I (AGC), 5.25%, 10/15/25 6,000 6,555.080 facilities Program, Series I (AGC), 5.25%, 10/15/25 3,500 3,808,910 facilities Program, Series I, CACD, 5.25%, 10/15/25 3,500 2,205,300 facilities Program, Series I, S.50%, 10/15/26 7,500 8,112,675 facilities Program, Series I, S.50%, 10/15/26 7,500 8,112,675 facilities Program, Series I, AC, S.25%, 10/15/26 7,500 8,112,675 facilities Program, Series I, AC, MCM, S.00%, 10/15/26 7,500 8,112,675 facilities Program, Reines I, AC, MCM, S.00%, 10/15/26 7,500 8,112,675 facilities Program, Reines I, AC, MCM, S.25%, 9/15/17 (a) 8,000 8,546,410 Vayne County Airport A, MDT (NPFGC), 5.00%, 12/01/39 1,475 1,633,032 teries D, 500%, 12/01/45 5,000 5,606,900 Vayne County Airport, AMT (NPFGC), 5.00%, 12/01/39 1,475 1,633,032 teries D, 500%, 12/01/45 5,000 5,606,900 4,303,397 Varue County Airport Authority, Refunding RB, AMT: 4,000 4,239,800 ACC), 5,75%, 12/01/26 <td></td> <td></td> <td></td> <td></td>				
Jacilities Program, Series I (AGC), 5.25%, 10/15/25 3,500 3,808,910 Jacilities Program, Series I (AGC), 5.25%, 10/15/25 3,500 1,808,910 Jacilities Program, Series I (AGC), 5.25%, 10/15/25 1,000 2,265,300 Jacilities Program, Series I (AGC), 5.25%, 10/15/26 7,500 8,112,675 Jacilities Program, Series I (AGC), 5.25%, 10/15/26 7,500 8,112,675 Jacilities Program, Series I (AGC), 5.25%, 10/15/26 7,500 8,112,675 Jacilities Program, Series I (AGC), 5.25%, 10/15/26 7,500 8,112,675 Jacilities Program, Series I (AGC), 5.25%, 10/15/26 7,500 8,112,675 Jacilities Program, Series I (AGC), 5.25%, 10/15/26 3,000 3,401,280 Jow, 11/15/36 3,000 3,401,280 Jow, 11/15/36 5,345 6,038,674 Varae County Airport Authority, RB: 74,029,230 Farasportation 11.2% 5,000 8,500 Vare County Airport Authority, RB: 5,000 5,600,900 Varae County Airport Authority, RB: 3,850 4,333,397 Jacilities Program 4,000 4,239,800 Jacilities Program 4,000 4,239,800 Jacilities Program 5 1,308,408 Jacilities Program 1,308,408 1,308,408 Jacilities Program <td></td> <td></td> <td></td> <td></td>				
Sacilities Program, Series I (AGC), 5.25%, 10/15/25 3,500 3,808,910 Sacilities Program, Series I (AGC), 5.25%, 10/15/25 1,000 1,087,340 Sacilities Program, Series I (AGM), 500%, 10/15/26 7,500 8,112,675 Steries I, 5.00%, 4/15/41 4,750 5,439,083 Steries I, 5.00%, 4/15/41 4,750 5,439,083 UoW, 11/15/36 3,000 3,401,280 .00%, 11/15/36 3,000 3,401,280 .00%, 11/15/36 5,345 6,038,674 Varge County Airport Authority, RB: 74,029,230 Varge County Airport Authority, RB: 74,029,230 Varge County Airport Authority, RB: 74,029,230 Feries D, 5,00%, 120/1745 1,633,032 Vayne County Airport Authority, RB: 74,029,230 Vayne County Airport Authority, Refunding RB, AMT: 74,029,230 AGC), 5,75%, 120/174 3,850 4,359,239 Vayne County Airport Authority, Refunding RB, AMT: 74,029,230 AGC), 5,75%, 120/126 4,000 4,239,800 AGC), 5,75%, 120/126 5,006,900 100 AGC), 5,75%, 120/126 4,060<				
acilities Program, Series I (AGC), 5.25%, 10/15/26 1,000 1,087,340 acilities Program, Series II (AGM), 5.00%, 10/15/26 7,500 8,112,675 eries I, 5.00%, 4/15/41 4,750 5,439,083 tate of Michigan Trunk Line Fund, RB: .00%, 11/15/33 3,000 3,401,280 5,345 6,038,674 				
acilities Program, Series I.A, 5.50%, 10/15/45 2,000 2,265,300 acilities Program, Series I. (AGM), 5.00%, 10/15/26 7,500 8,112,675 eries I, 5.00%, 4/15/41 4,750 5,439,083 tate of Michigan Trunk Line Fund, RB: 750 5,439,083 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 5,345 6,038,674 7,00%, 11/15/36 7,00%, 11/15/36 7,00%, 11/15/36 7,00%, 11/15/36 7,00%, 11/15/36 7,00%, 11/15/36 7,00% 7,01/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/134 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/134 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/139 7,00%, 7,00/134 7,00%, 7,00/139				
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itate of Michigan Trunk Line Fund, RB: .00%, 11/15/33 3,000 3,401,280 .00%, 11/15/36 5,345 6,038,674 Transportation 11.2% 74,029,230 Transportation 11.2% 74,029,230 State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8,500 8,546,410 Vayne County Airport Authority, RB: 71,475 1,633,032 teries D, 5.00%, 1201/35 5,000 5,006,900 Vayne County Airport Authority, Refunding RB, AMT: 70,575%, 1201/25 4,000 4,239,800 AGC), 5,75%, 1201/25 4,000 4,239,800 3,397 AGC), 5,75%, 1201/26 4,006 4,303,397 AGC), 5,75%, 1201/26 4,000 13,302,2670 teries F, 5.00%, 1201/34 8,000 9,026,960 Value Addition of thickigan Continued) Value Addition of thickigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 200 9,026,950 Control Michigan Sewage Disposal System Refunding RB, Series A (NPEGC), 5,00%, 7/01/34 10 10,026 Control Michigan Sanitary Sewer System, Refunding RB, Series A (NPEGC), 5,00%				
بارا 15/36 5,345 6,038,674 Pransportation 11.2% 74,029,230 Pransportation 11.2% 8,500 8,546,410 Vayne County Airport Authority, RB: 9 1,633,032 1,633,032 Petroit Metropolitam Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39 1,475 1,633,032 Petroit Metropolitam Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39 3,850 4,359,239 Petroit Metropolitam Wayne County Airport, AMT (NPFGC) 5,000 5,606,900 Vayne County Airport Authority, Refunding RB, AMT: 4,000 4,239,800 AGC), 5,75%, 12/01/25 4,000 4,239,800 AGC), 5,75%, 12/01/26 4,000 4,239,800 AGC), 5,75%, 12/01/25 4,000 4,33,397 AGC), 5,75%, 12/01/26 4,000 4,239,800 AGC), 5,75%, 12/01/26 8,000 9,026,960 Varieties F, 5,00%, 12/01/34 8,000 9,026,960 Manieties IS 4, 1 1 1 Yor Obertoir Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5 2,950,501 Yor Obertoir Michigan Sanitar				
Pransportation 11.2% State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8,500 Wayne County Airport Authority, RB: 8,500 Detroit Metropolitan Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39 1,475 1,633,032 Series D, 5.00%, 12/01/35 3,850 4,359,239 Series D, 5.00%, 12/01/45 5,000 5,606,900 Wayne County Airport Authority, Refunding RB, AMT: 4000 4,239,800 AGC), 5.75%, 12/01/26 4,000 4,303,397 AGC), 5.75%, 12/01/26 4,060 4,303,397 AGC), 5.75%, 12/01/26 4,060 4,303,397 AGC), 5.75%, 12/01/34 8,000 9,026,960 Veries F, 5.00%, 12/01/34 8,000 9,026,960 Viethigan (continued) 51,308,408 51,308,408 Veries T5.4% 10 10,026 Sity of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 25%, 7/01/39 \$2,655 \$2,950,501 Sity of Detroit Michigan Sewage Disposal System, Refunding RB, Series A (NPFGC), 10 10,026 10,026 Sity of Detroit Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 1,280 1,418,253 1,469,650 Sity of Grand Rapids	5.00%, 11/15/33	3,000	3,401,280	
Pransportation 11.2% state of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8,500 8,500 Vayne County Airport Authority, RB:	5.00%, 11/15/36	5,345	6,038,674	
Fransportation 11.2% State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8,500 8,500 Wayne County Airport Authority, RB:			74 029 230	
State of Michigan, RB, Garvee, GAB (AGM), 5.25%, 9/15/17 (a) 8,500 8,546,410 Wayne County Airport Authority, RB:	Fransportation 11.2%		14,029,250	
Wayne County Airport Authority, RB: 1,475 1,633,032 Detroit Metropolitan Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39 1,475 1,633,032 Series D, 5.00%, 12/01/45 3,850 4,359,239 Series D, 5.00%, 12/01/45 5,000 5,606,900 Wayne County Airport Authority, Refunding RB, AMT:		8,500	8,546,410	
leries D, 5.00%, 12/01/35 5,000 5,606,900 Vayne County Airport Authority, Refunding RB, AMT: AGC), 5.75%, 12/01/25 4,000 4,239,800 AGC), 5.75%, 12/01/26 4,060 4,303,397 AGC), 5.75%, 12/01/26 4,060 4,303,397 AGC), 5.38%, 12/01/32 13,000 13,592,670 eries F, 5.00%, 12/01/34 8,000 9,026,960 Par funicipal Bonds 10 funicipal Bonds 10 funicip				
leries D, 5.00%, 12/01/45 5,000 5,606,900 Vayne County Airport Authority, Refunding RB, AMT: AGC), 5.75%, 12/01/25 4,000 4,239,800 AGC), 5.75%, 12/01/26 4,060 4,303,397 AGC), 5.38%, 12/01/32 13,000 13,592,670 eries F, 5.00%, 12/01/34 8,000 9,026,960 Par funcipal Bonds 7 funcipal Bonds 7 fu	Detroit Metropolitan Wayne County Airport, AMT (NPFGC), 5.00%, 12/01/39	1,475	1,633,032	
Vayne County Airport Authority, Refunding RB, AMT: 4,000 4,239,800 AGC), 5.75%, 12/01/25 4,000 4,239,800 AGC), 5.75%, 12/01/26 4,060 4,303,397 AGC), 5.38%, 12/01/32 13,000 13,592,670 genes F, 5.00%, 12/01/34 8,000 9,026,960 Far funcipal Bonds Value Itilities 15.4% State Stat	eries D, 5.00%, 12/01/35	3,850	4,359,239	
AGC), 5.75% , $12/01/25$ $4,000$ $4,239,800$ AGC), 5.75% , $12/01/26$ $4,060$ $4,303,397$ AGC), 5.75% , $12/01/32$ $13,000$ $13,592,670$ eries F, 5.00% , $12/01/34$ $8,000$ $9,026,960$ Tuncipal Bonds $51,308,408$ Municipal Bonds (000) ValueMinicipal Bonds (000) ValueTitlities 15.4% Structure of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, $.25\%$, $7/01/39$ $$2,655$ $$2,950,501$ Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2">Colspan="2">Colspan=		5,000	5,606,900	
AGC), 5.75%, 12/01/26 $4,060$ $4,303,397$ AGC), 5.38%, 12/01/32 13,000 13,592,670 eries F, 5.00%, 12/01/34 $8,000$ $9,026,960$ Image: Second Sec				
AGC), 5.38% , $12/01/32$ $13,000$ $13,592,670$ eries F, 5.00% , $12/01/34$ $8,000$ $9,026,960$ Image: Standard Standa				
eries F, 5.00%, 12/01/348,0009,026,96051,308,408Par (000)ValueMunicipal BondsValueMunicipal BondsValue <td></td> <td></td> <td></td> <td></td>				
51,308,408Par (000)ValueInicipal BondsVolueItilities15.4%Itilities15.4%Sty of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, $.25\%$, 7/01/392,6552,950,501Sty of Detroit Michigan Water Supply System Revenue, RB, Series A: enior Lien, 5.25%, 7/01/414,3254,696,950PFGC), 5.00%, 7/01/341010,026Sty of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), $.50\%$, 1/01/221,2801,418,253Sty of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/3910,00011,263,500Sty of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: $.00\%$, 7/01/273,1803,609,586				
Par Par Aunicipal Bonds (000) Value Atichigan (continued) Value Auticipal Continued) Value City of Detroit Michigan Sewage Disposal System, Refunding RB, Series A, Soto Specifical A, A325 A,696,950 City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), Value Value City of Holland Michigan Electric Utility System, RB, Series A, 500%, 7/01/39 10,000 11,263,500 City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: Value Value Ove, 7/01/27 X,180 X,609,586	enes F, 5.00%, 12/01/54	8,000	9,020,900	
Annicipal Bonds (000) Value Annicipal Bonds Vilia 1			51,308,408	
Wichigan (continued)Utilities15.4%City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, 5.25%, 7/01/39\$ 2,655\$ 2,950,501City of Detroit Michigan Water Supply System Revenue, RB, Series A: Senior Lien, 5.25%, 7/01/414,3254,696,950NPFGC), 5.00%, 7/01/341010,026City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 5.50%, 1/01/221,2801,418,253City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/3910,00011,263,500City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: 5.00%, 7/01/273,1803,609,586				
Utilities 15.4%City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A,5.25%, 7/01/39\$ 2,6555.25%, 7/01/39\$ 2,655City of Detroit Michigan Water Supply System Revenue, RB, Series A:Cenior Lien, 5.25%, 7/01/414,325A,969,950NPFGC), 5.00%, 7/01/3410City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC),5.05%, 1/01/221,280City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/3910,000City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A:5.00%, 7/01/273,180	-	(000)	Value	
City of Detroit Michigan Sewage Disposal System, Refunding RB, Senior Lien, Series A, $.25\%$, 7/01/39\$ 2,655\$ 2,950,501City of Detroit Michigan Water Supply System Revenue, RB, Series A: enior Lien, 5.25% , 7/01/41 $4,325$ $4,696,950$ NPFGC), 5.00% , 7/01/3410 $10,026$ City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), $.50\%$, $1/01/22$ $1,280$ $1,418,253$ City of Holland Michigan Electric Utility System, RB, Series A, 5.00% , $7/01/39$ $10,000$ $11,263,500$ City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: $.00\%$, $7/01/27$ $3,180$ $3,609,586$				
.25%, 7/01/39 \$ 2,655 \$ 2,950,501 City of Detroit Michigan Water Supply System Revenue, RB, Series A: 4,325 4,696,950 NPFGC), 5.00%, 7/01/34 10 10,026 City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 1,280 1,418,253 .50%, 1/01/22 1,280 1,418,253 1,263,500 City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/39 10,000 11,263,500 City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: .00%, 7/01/27 3,180 3,609,586				
Sity of Detroit Michigan Water Supply System Revenue, RB, Series A: enior Lien, 5.25%, 7/01/414,3254,696,950NPFGC), 5.00%, 7/01/341010,026Sity of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), .50%, 1/01/221,2801,418,253Sity of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/3910,00011,263,500Sity of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: .00%, 7/01/273,1803,609,586		¢ 2655	\$ 2,050,501	
enior Lien, 5.25%, 7/01/41 4,325 4,696,950 NPFGC), 5.00%, 7/01/34 10 10,026 "ity of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 10 10,026 .50%, 1/01/22 1,280 1,418,253 "ity of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/39 10,000 11,263,500 "ity of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: 3,180 3,609,586		\$ 2,035	\$ 2,930,301	
NPFGC), 5.00%, 7/01/34 10 10,026 City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), 1,280 1,418,253 .50%, 1/01/22 1,280 1,418,253 City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/39 10,000 11,263,500 City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: 3,180 3,609,586		4 325	4 696 950	
City of Grand Rapids Michigan Sanitary Sewer System, Refunding RB, Series A (NPFGC), .50%, 1/01/221,2801,418,253.50%, 1/01/2210,00011,263,500City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/3910,00011,263,500City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: .00%, 7/01/273,1803,609,586				
1.50%, 1/01/22 1,280 1,418,253 City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/39 10,000 11,263,500 City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: 3,180 3,609,586		10		
City of Holland Michigan Electric Utility System, RB, Series A, 5.00%, 7/01/3910,00011,263,500City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A:3,1803,609,586		1,280	1,418,253	
City of Lansing Michigan, RB, Board of Water & Light Utilities System, Series A: .00%, 7/01/27 3,180 3,609,586				
5.00%, 7/01/27 3,180 3,609,586				
5.00%, 7/01/31 6,830 7,701,235		3,180	3,609,586	
	5.00%, 7/01/31	6,830	7,701,235	

5.00%, 7/01/37	3,335	3,720,092
5.50%, 7/01/41	5,000	5,703,700
City of Port Huron Michigan, RB, Water Supply System:	5,000	5,705,700
5.25%, 10/01/31	500	557,270
5.63%, 10/01/40	1,500	1,696,560
,	1,500	1,090,500
Great Lakes Water Authority Water Supply System Revenue, RB, Second Lien, Series B,	10.000	44.047.500
5.00%, 7/01/46	10,000	11,067,500
Michigan Finance Authority, Refunding RB:		
Government Loan Program,		
5.00%, 7/01/34	2,000	2,263,400
Government Loan Program,		
5.00%, 7/01/35	750	847,088
Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 7/01/31	1,000	1,141,500
Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 7/01/32	5,250	5,971,560
Senior Lien, Detroit Water and Sewer, Series C-3 (AGM), 5.00%, 7/01/33	3,000	3,400,230
Michigan Municipal Bond Authority, RB, State Clean Water Revolving Fund, Pooled		
Project, 5.00%, 10/01/20 (a)	2,000	2,242,400
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		70 0/1 051
		70,261,351
Total Municipal Bonds 137.7%		630,223,617

Municipal Bonds Transferred to			
Tender Option Bond Trusts (d)			
Michigan 22.1%			
County/City/Special District/School District 1.7%			
Portage Public Schools Michigan, GO, School Building & Site (AGM), 5.00%, 5/01/18 (a)	7,500	7,731,525	
Education 11.8%			
Michigan State University, Refunding RB, General, Series A, 5.00%, 8/15/38	10,000	11,550,700	
Saginaw Valley State University, Refunding RB, General (AGM), 5.00%, 7/01/18 (a)	10,000	10,373,400	
Wayne State University, RB, General, Series A, 5.00%, 11/15/40	10,000	11,144,100	
Wayne State University, Refunding RB, General (AGM):			
5.00%, 11/15/18 (a)	8,880	9,288,921	
5.00%, 11/15/35	11,120	11,632,073	
		53,989,194	

See Notes to Financial Statements.

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ANNUAL REPORT

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Municipal Bonds Transferred to Tender Option Bond Trusts (d)	Par (000)	Value
Michigan (continued)		
Health 7.4%		
Michigan Finance Authority, RB, Beaumont Health Credit Group, 5.00%, 11/01/44	\$ 10,002	\$ 11,213,160
Michigan Finance Authority, Refunding RB:		
Hospital, Trinity Health Credit Group, 5.00%, 12/01/39	190	214,385
Trinity Health Corp., Series 2016, 5.00%, 12/01/45	19,735	22,399,988
		33,827,533
State 1.2%		
Michigan State Building Authority, Refunding RB, Facilities Program, Series I, 5.00%,		
10/15/45	5,150	5,786,437
Total Municipal Bonds Transferred to		
Tender Option Bond Trusts 22.1%		101,334,689
Total Long-Term Investments		
(Cost \$688,902,693) 159.8%		731,558,306
Short-Term Securities	Shares	Value
BlackRock Liquidity Funds, MuniCash, Institutional Class, 0.64% (e)(f)	4,666,675	\$ 4,668,541
Total Short-Term Securities	4,000,075	\$ 4,000,341
(Cost \$4,667,566) 1.0%		4,668,541
Total Investments (Cost \$693,570,259) 160.8%		736,226,847
Other Assets Less Liabilities 1.3%		5,737,859
Liability for TOB Trust Certificates, Including Interest Expense and Fees Payable	(11.4)%	(52,111,157)
Loan for TOB Trust Certificates (0.1)%		(499,875)
VRDP Shares at Liquidation Value, Net of Deferred Offering Costs (50.6)%		(231,466,131)
• • • • • • • • • •		/
Net Assets Applicable to Common Shares 100.0%		\$ 457,887,543

Notes to Schedule of Investments

- (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) During the year ended July 31, 2017, 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:

	Shares Held at July 31,	Net	Shares Held at July 31,	Value at July 31,		Net	Realized		nge in ealized
Affiliate	2016	Activity	2017	2017	Income		Gain ¹	Appro	eciation
BlackRock Liquidity Funds, MuniCash,									
Institutional Class	4,096,066	570,609	4,666,675	\$ 4,668,541	\$ 25,925	\$	2,906	\$	975
¹ Includes net capital gain distributions.									

(f) Current yield as of period end.

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 Short Contracts	Number of Contracts	Expiration Date	Notional Amount (000)	Value / Unrealized Appreciation (Depreciation)
5-Year U.S. Treasury Note	(48)	September 2017	\$ 5,671	\$ (511)
10-Year U.S. Treasury Note	(131)	September 2017	\$ 16,492	3,429
Long U.S. Treasury Bond	(93)	September 2017	\$ 14,226	(37,911)
Ultra U.S. Treasury Bond	(23)	September 2017	\$ 3,784	(31,239)
Total		-		\$ (66,232)

See Notes to Financial Statements.

ANNUAL REPORT

JULY 31, 2017

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

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 Instrume		Commodity Contracts		Equity Contracts	Foreign Currency Exchange S Contracts		nterest Rate ontracts	Other Contracts		Total
Futures contracts	Net unrealized appreciation ¹					\$	3,429		\$	3,429
		Commodity	Credit	Equity	Foreign Currency Exchange		nterest Rate	Other		
Liabilities Derivative Financial Instru	uments	Contracts	Contracts	Contracts	s Contracts	Co	ontracts	Contracts		Total
Futures contracts	Net unrealized depreciation ¹					\$	69,661		\$	69,661
¹ Includes cumulative appreciation (depr margin is reported within the Statements		cts, if any, as r	eported in	the Schedul	le of Investm	ents	. Only cur	rent day s v	aria	tion

For the year ended July 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from: Futures contracts	Commodity Contracts	Equity Contracts	Foreign Currency Exchange Contracts	С	Interest Rate ontracts 1,647,826	Other Contracts	Total ,647,826
Net Change in Unrealized Appreciation (Depreciation) on: Futures contracts				\$	180,558		\$ 180,558

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Future	contracts:				
Averag	e notional value of contracts	long	\$	482,8131	
Averag	e notional value of contracts	short	\$ 5	2,278,928	
¹ Actu	al amounts for the period are	shown due to limited outstanding derivative financial instruments as of each quarter end.			
For more	e 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:

	Level 1	Level 2	Level 3	Total
Assets:				
Investments:				
Long-Term Investments ¹		\$ 731,558,306		\$731,558,306
Short-Term Securities	\$ 4,668,541			4,668,541

Total	\$ 4,668,541	\$ 731,558,306	\$ 73	36,226,847
Derivative Financial Instruments ² Assets: Interest rate contracts Liabilities: Interest rate contracts	\$ 3,429 (69,661)		\$	3,429 (69,661)
Total	\$ (66,232)		\$	(66,232)

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

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

See Notes to Financial Statements.

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ANNUAL REPORT

BlackRock MuniYield Michigan Quality Fund, Inc. (MIY)

Fair Value Hierarchy as of Period End (continued)

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:

	Level 1	Level 2	Level 3	Total
Liabilities: TOB Trust Certificates		\$ (52,002,182)		\$ (52,002,182)
Loan for TOB Trust Certificates		(499,875)		(499,875)
VRDP Shares at Liquidation Value		(231,900,000)		(231,900,000)
Total		\$ (284,402,057)		\$ (284,402,057)

During the year ended July 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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JULY 31, 2017

Schedule of Investments July 31, 2017

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

(Percentages shown are based on Net Assets)

	Par	
Municipal Bonds	(000)	Value
Pennsylvania 118.2% Corporate 3.0%		
Couporate 5.0% County of Beaver Pennsylvania IDA, Refunding RB, First Energy Nuclear Energy Project, Series		
B, 3.50%, 12/01/35 (a)	\$ 3,745	\$ 1,675,887
Pennsylvania Economic Development Financing Authority, RB:	φ 3,713	φ 1,070,007
American Water Co. Project, 6.20%, 4/01/39	1,510	1,626,481
Aqua Pennsylvania, Inc. Project, Series B, 4.50%, 12/01/42	2,630	2,743,958
Pennsylvania Economic Development Financing Authority, Refunding RB, AMT:		
Aqua Pennsylvania, Inc. Project, Series A, 5.00%, 12/01/34	180	192,631
National Gypsum Co., 5.50%, 11/01/44	135	144,859
		6,383,816
County/City/Special District/School District 31.0%		
Allentown Neighborhood Improvement Zone Development Authority, Refunding RB, Series A:		
5.00%, 5/01/35	190	200,490
5.00%, 5/01/42 Pathlaham Area Sahaal Distrigt CO. (PAM) Spring A:	450	471,843
Bethlehem Area School District, GO, (BAM), Series A:	1,610	1,822,826
5.00%, 8/01/34 5.00%, 8/01/35	1,010	1,367,215
Borough of West Chester Pennsylvania, GO, Refunding, 3.50%, 11/15/35	1,095	1,114,907
Boyertown Area School District, GO:	1,075	1,11 1,207
5.00%, 10/01/36	610	695,851
5.00%, 10/01/38	920	1,047,678
City of Philadelphia Pennsylvania, GO, Refunding, Series A (AGM), 5.25%, 12/15/18 (b)	5,000	5,294,650
City of Philadelphia Pennsylvania, GO, Refunding Series A (AGC):		
5.00%, 8/01/19 (b)	255	275,262
5.00%, 8/01/24	2,115	2,276,121
City of Pittsburgh Pennsylvania, GO, Series B, 5.00%, 9/01/26	1,095	1,269,083
County of Bucks Pennsylvania Water & Sewer Authority, RB, Series A (AGM):	790	886 022
5.00%, 12/01/37 5.00%, 12/01/40	780 1,000	886,922 1,133,550
County of Dauphin General Authority, Refunding RB, Pinnacle Health System Project, 6.00%,	1,000	1,155,550
6/01/29	260	282,612
County of Lycoming Pennsylvania Water & Sewer Authority, RB, (AGM), 5.00%, 11/15/19 (b)	500	544,810
County of Northampton Pennsylvania IDA, Route 33 Project, Tax Allocation Bonds, 7.00%,		
7/01/32	175	202,200
County of York Pennsylvania, GO, Refunding, 5.00%, 3/01/36	500	549,295
Dallastown Area School District, GO, Refunding, 5.00%, 4/15/34	1,235	1,431,365
East Stroudsburg Area School District, GO, Refunding, Series A (AGM), 5.00%, 9/01/25	2,000	2,007,040
Fox Chapel Area School District, GO:	1 2 4 7	1 501 724
5.00%, 2/01/39	1,345	1,581,734
5.00%, 2/01/42 Lower Merion School District, GO, Refunding, Series A, 3.25%, 11/15/27	1,250 2,035	1,463,213 2,117,906
Marple Newtown School District, GO, (AGM), 5.00%, 6/01/19 (b)	2,035 4,100	4,399,997
Owen J. Roberts School District, GO, 4.75%, 11/15/25	700	720,398
Philadelphia School District, GO, Series E (b):	700	120,000
2015, 6.00%, 9/01/18	5	5,271
2015-2, 6.00%, 9/01/18	5	5,271
6.00%, 9/01/18	3,340	3,521,195
	Par	
Municipal Bonds	(000)	Value
Pennsylvania (continued)		
County/City/Special District/School District (continued)	ф <u>с 147</u>	¢ 4.012.054
Shaler Area School District Pennsylvania, GO, CAB (Syncora), 0.00%, 9/01/30 (c)	\$ 6,145	\$ 4,013,054
State Public School Building Authority, RB (AGM):	2 100	2 420 979
Community College, Allegheny County Project, 5.00%, 7/15/34 Corry Area School District, CAB, 0.00%, 12/15/22 (c)	2,190 1,640	2,430,878
Corry Area School District, CAB, 0.00%, 12/15/22 (c) Corry Area School District, CAB, 0.00%, 12/15/23 (c)	1,980	1,465,488 1,716,442
Corry Area School District, CAB, 0.00%, 12/15/25 (c) Corry Area School District, CAB, 0.00%, 12/15/24 (c)	1,980	1,656,627
Corry Area School District, CAB, 0.00%, 12/15/25 (c)	1,770	1,425,310
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State Public School Building Authority, Refunding RB, Harrisburg School District Project, Series

State Public School Building Authority, Refunding RB, Harrisburg School District Project, Series		
A (AGC) (b):	215	230,368
5.00%, 5/15/19	215	230,368 230,289
5.00%, 5/15/19 5.00%, 5/15/19	855	230,289 915,799
Township of Bristol Pennsylvania School District, GO:	833	915,799
5.00%, 6/01/40	775	872,363
5.25%, 6/01/43	6,925	7,895,954
(BAM), 5.00%, 6/01/42	1,685	1,914,699
Township of Falls Pennsylvania, Refunding RB, Water & Sewer Authority, 5.00%, 12/01/37	1,085	1,390,282
Township of Lower Paxton Pennsylvania, GO:	1,270	1,570,202
5.00%, 4/01/42	435	489,997
5.00%, 4/01/46	1,435	1,611,806
Township of Upper Moreland Pennsylvania School District, GO, 5.00%, 10/01/34	130	147,684
Township of Opper Molerand Fennsylvania School District, 60, 5.00%, 10/01/54	150	147,004
		65,095,745
Education 21.1%		05,095,745
County of Adams Pennsylvania IDA, Refunding RB, Gettysburg College:		
5.00%. 8/15/24	100	110,077
5.00%, 8/15/25	100	109,827
5.00%. 8/15/26	100	109,827
County of Chester Pennsylvania Health & Education Facilities Authority, Refunding RB, Main		
Line Health System, Series A, 5.00%, 10/01/52	2,290	2,610,989
County of Cumberland Pennsylvania Municipal Authority, RB, AICUP Financing Program,	,	,,
Dickinson College Project, 5.00%, 11/01/39	200	211,950
County of Cumberland Pennsylvania Municipal Authority, Refunding RB, Diakon Lutheran:		,
6.38%, 1/01/19 (b)	900	968,265
6.38%, 1/01/39	100	107,041
County of Delaware Pennsylvania Authority, RB, Villanova University:		
5.00%, 8/01/40	1,205	1,366,121
5.00%, 8/01/45	3,610	4,070,889
County of Delaware Pennsylvania Authority, Refunding RB:		
Cabrini University, 5.00%, 7/01/42	815	899,410
Cabrini University, 5.00%, 7/01/47	2,480	2,723,908
Haverford College, 5.00%, 5/15/20 (b)	340	376,662
Haverford College, 5.00%, 11/15/35	75	81,582
Villanova University, 5.25%, 12/01/19 (b)	100	109,796
County of Northampton Pennsylvania General Purpose Authority, Refunding RB:		
Moravian College, 5.00%, 10/01/36	610	676,649
Moravian College, 3.88%, 10/01/45	1,330	1,330,878
St. Luke s University Health Network Project, 5.00%, 8/15/46	1,000	1,107,190

See Notes to Financial Statements.

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (continued)			
Education (continued) Pennsylvania Higher Educational Facilities Authority, RB:			
Shippensburg University Student Services, Student Housing, 5.00%, 10/01/44	\$ 1,460	\$ 1,527,467	
Thomas Jefferson University, 5.00%, 3/01/20 (b)	1,000	1,100,490	
Pennsylvania Higher Educational Facilities Authority, Refunding RB:	1,000	1,100,190	
Drexel University, Series A, 5.25%, 5/01/41	3,930	4,395,194	
La Salle University, 5.00%, 5/01/37	1,325	1,416,875	
La Salle University, 5.00%, 5/01/42	1,855	1,974,481	
State System of Higher Education, Series AL, 5.00%, 6/15/35	280	305,376	
Thomas Jefferson University,	• • • • •	2 22 4 2 42	
5.00%, 9/01/45	2,000	2,234,940	
University of the Sciences Philadelphia, 5.00%, 11/01/30 University of the Sciences Philadelphia, 5.00%, 11/01/31	940 775	1,072,634 880,826	
University Properties, Inc. Student Housing Project, Series A, 5.00%, 7/01/35	300	323,706	
Widener University, Series A,	500	525,700	
5.25%, 7/15/33	1,580	1,740,844	
Widener University, Series A,	,	····	
5.50%, 7/15/38	385	428,031	
Philadelphia Authority for Industrial Development, RB, University of Sciences, 5.00%, 11/01/42	2,710	3,043,194	
Philadelphia Authority for Industrial Development, Refunding RB, 1st Series, 5.00%, 4/01/45	2,170	2,447,760	
Reading School District, GO, Refunding, (AGM), 5.00%, 3/01/38	530	605,308	
Swarthmore Borough Authority, Refunding RB, Swarthmore College Project, 5.00%, 9/15/38	830	976,976	
Township of East Hempfield Pennsylvania IDA, RB, Student Services, Inc., Student Housing			
Project at Millersville University of Pennsylvania: 5.00%, 7/01/35	485	512,669	
5.00%, 7/01/35	435	464,254	
5.00%, 7/01/45	300	314,208	
5.00%, 7/01/47	820	864,329	
University of Pittsburgh, RB, Commonwealth System of Higher Education Capital Project, Series		,	
B, 5.00%, 3/15/19 (b)	610	649,809	
		44 250 422	
Health 19.5%		44,250,432	
City of Pottsville Pennsylvania Hospital Authority, Refunding RB, Lehigh Valley Health, Series B,			
5.00%, 7/01/41	3,000	3,373,650	
County of Allegheny Pennsylvania Hospital Development Authority, RB, University of Pittsburgh	2,000	2,2,2,000	
Medical Center Health, Series B (NPFGC), 6.00%, 7/01/26	2,000	2,600,080	
County of Berks Pennsylvania Municipal Authority, Refunding RB, Reading Hospital & Medical			
Center Project:			
Series A, 5.00%, 11/01/40	765	831,172	
Series A3, 5.50%, 11/01/31	500	543,685	
County of Centre Pennsylvania Hospital Authority, RB, Mount Nittany Medical Center Project, 7.00%, 11/15/21 (b)	2,410	2,989,725	
County of Cumberland Pennsylvania Municipal Authority, Refunding RB:	2,410	2,969,725	
Asbury Pennsylvania Obligated Group, 5.25%, 1/01/41	210	213,921	
	Par	-)-	
Municipal Bonds	(000)	Value	
Pennsylvania (continued)			
Health (continued)			
County of Cumberland Pennsylvania Municipal Authority, Refunding RB (continued):	¢ 0 (00	* • • • • • • • • • •	
Diakon Lutheran Social Ministries, 5.00%, 1/01/38 County of Dauphin General Authority, Refunding RB, Pinnacle Health System Project,	\$ 2,600	\$ 2,815,644	
6.00%, 6/01/19 (b)	240	261,818	
County of Franklin Pennsylvania IDA, Refunding RB, Chambersburg Hospital Project, 5.38%,	270	201,010	
7/01/42	415	451,039	
County of Lancaster Pennsylvania Hospital Authority, Refunding RB, Masonic Villages of The		,	
Grand Lodge of Pennsylvania Project:			
5.00%, 11/01/28	575	666,097	
5.00%, 11/01/35	425	476,191	
County of Lehigh Pennsylvania, RB, Lehigh Valley Health Network, Series A (AGM),	7.005	0 007 527	
5.00%, 7/01/18 (b)	7,995	8,287,537	

County of Montgomery Pennsylvania Higher Education & Health Authority, Refunding RB,		
Abington Memorial Hospital Obligated Group, Series A, 5.13%, 6/01/19 (b)	490	526,495
County of Montgomery Pennsylvania IDA, RB, Acts Retirement-Life Communities, Series A-1,		
6.25%, 11/15/19 (b)	235	262,575
County of Montgomery Pennsylvania IDA, Refunding RB:		
Acts Retirement-Life Communities, 5.00%, 11/15/27	865	953,420
Acts Retirement-Life Communities, 5.00%, 11/15/28	555	609,051
Whitemarsh Continuing Care Retirement Community, 5.25%, 1/01/40	220	222,548
County of Union Pennsylvania Hospital Authority, Refunding RB, Evangelical Community		
Hospital Project, 7.00%, 8/01/41	460	525,702
Geisinger Authority Pennsylvania, RB, Health System, Series A, 5.25%, 6/01/19 (b)	1,000	1,077,510
Geisinger Authority Pennsylvania, Refunding RB, Health System, Series A-2, 5.00%, 2/15/39	4,050	4,688,442
Lancaster IDA, Refunding RB, Garden Spot Village Project:		
5.38%, 5/01/28	520	572,255
5.75%, 5/01/35	865	950,393
Pennsylvania Higher Educational Facilities Authority, Refunding RB, University of Pittsburgh		
Medical Center, Series E, 5.00%, 5/15/31	1,000	1,075,310
Philadelphia Hospitals & Higher Education Facilities Authority, RB, The Children s Hospital of		
Philadelphia Project, Series C, 5.00%, 7/01/41	940	1,052,490
Philadelphia Hospitals & Higher Education Facilities Authority, Refunding RB, Presbyterian		
Medical Center, 6.65%, 12/01/19 (d)	1,310	1,403,351
South Fork Municipal Authority, Refunding RB, Conemaugh Valley Memorial Hospital, Series B		
(AGC), 5.38%, 7/01/20 (b)	2,055	2,307,087
Southcentral Pennsylvania General Authority, Refunding RB, Wellspan Health Obligation Group,		
Series A:		
6.00%, 12/01/18 (b)	595	633,378
6.00%. 6/01/29	655	691,117
		,
		41,061,683
Housing 8.5%		41,001,085
City of Philadelphia Pennsylvania, GO, Refunding, Series A, 5.00%, 8/01/37 (e)	1,360	1,545,586
City of Finiadophia Fonisylvania, OO, Kelunding, Series A, 5.00%, 6/01/57 (C)	1,300	1,545,580

See Notes to Financial Statements.

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JULY 31, 2017

BlackRock MuniYield Pennsylvania Quality Fund (MPA)

	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (continued)			
Housing (continued) Pennsylvania HFA, RB:			
Brinton Manor Apartments & Brinton Towers, M/F Housing, Series A, 4.25%, 10/01/35	\$ 400	\$ 422,592	
Brinton Manor Apartments & Brinton Towers, M/F Housing, Series A, 4.50%, 10/01/40	400	424,096	
S/F Housing Mortgage, Series 114-C, 3.65%, 10/01/37	1,705	1,720,055	
S/F Housing Mortgage, Series 118-B, 4.05%, 10/01/40	1,000	1,033,940	
S/F Housing Mortgage, Series 2015-117-B, 4.05%, 10/01/40	1,600	1,643,024	
Pennsylvania HFA, Refunding RB, S/F Housing Mortgage:			
Series 099-A, AMT, 5.15%, 4/01/38	1,065	1,121,594	
Series 115-A, AMT, 4.20%, 10/01/33	730	770,450	
Series 119, 3.50%, 10/01/36 Philadelphia Housing Authority, RB, Capital Fund Program, M/F Housing, Series A (AGM),	1,515	1,524,075	
5.50%, 12/01/18	3,000	3,024,720	
Philadelphia IDA, RB, Series A:	5,000	5,024,720	
3.50%, 12/01/36	790	776,870	
4.00%, 12/01/46	2,970	2,999,878	
4.00%, 12/01/51	790	791,801	
		17,798,681	
State 9.6%			
Commonwealth of Pennsylvania, GO, 1st Series:			
5.00%, 4/01/26	1,385	1,602,916	
5.00%, 6/01/28	2,460	2,811,853	
Pennsylvania Economic Development Financing Authority, RB, Pennsylvania Bridge Finco LP,			
AMT, 5.00%, 6/30/42	7,500	8,330,850	
Pennsylvania Turnpike Commission, RB: Oil Examplies Tay, Permettating, Spring C (NDECC), 5 00%, 12/01/18 (b)	4.600	1 917 756	
Oil Franchise Tax, Remarketing, Series C (NPFGC), 5.00%, 12/01/18 (b) Sub-Series B-1, 5.00%, 6/01/42	4,600 2,345	4,847,756 2,635,405	
Sub-Series B-1, 5.00 %, 0/01/42	2,545	2,035,405	
		20,228,780	
Transportation 18.4%			
City of Philadelphia Pennsylvania, ARB, Series A:			
5.00%, 6/15/40	3,825	4,153,720	
AMT (AGM), 5.00%, 6/15/37 Delawara Direct List Tall Drides Commission, DD, Drides Sustem, 5.00%, 7/01/42	5,900	5,915,576	
Delaware River Joint Toll Bridge Commission, RB, Bridge System, 5.00%, 7/01/42	1,500	1,741,680	
Delaware River Port Authority, RB: 5.00%, 1/01/29	475	555,418	
5.00%, 1/01/27	2,285	2,607,139	
Series D, 5.00%, 1/01/40	750	810,757	
Series D (AGM), 5.00%, 1/01/40	1,560	1,691,024	
Pennsylvania Economic Development Financing Authority, Refunding RB, Amtrak Project,			
Series A, AMT, 5.00%, 11/01/41	6,025	6,545,018	
Pennsylvania Turnpike Commission, RB:			
CAB, Sub-Series A-3, 0.00%, 12/01/42 (c)	4,760	1,660,764	
CAB, Sub-Series A-3 (AGM),	1 075	522 405	
0.00%, 12/01/40 (c) Sub-Series A, 5.13%, 12/01/20 (b)	1,275 75	522,495 84,989	
Sub-Series A, 5.13%, 12/01/20 (b)	25	28,303	
Pennsylvania Turnpike Commission, Refunding RB:	25	20,505	
Sub-Series A-1, 5.25%, 12/01/45	3,270	3,728,552	
Sub-Series B (AGM), 5.25%, 6/01/19 (b)	1,695	1,828,583	
Sub-Series B (AGM), 5.25%, 6/01/19 (b)	1,805	1,944,563	
	Par		
Municipal Bonds	(000)	Value	
Pennsylvania (continued)			
Transportation (continued)			
Southeastern Pennsylvania Transportation Authority, RB, Capital Grant Receipts: 5.00%, 6/01/28	\$ 1,860	\$ 2,086,678	
5.00%, 6/01/28	\$ 1,800 2,465	\$ 2,080,078 2,761,515	
5.0010, 0101127	2,705	2,701,919	

38,666,774

Utilities 7.1%		
City of Philadelphia Pennsylvania Gas Works, RB, 9th Series:		
5.25%, 8/01/20 (b)	660	741,200
5.25%, 8/01/40	1,040	1,138,769
City of Philadelphia Pennsylvania Gas Works, Refunding RB:		
5.00%, 8/01/30	800	916,168
5.00%, 8/01/31	600	684,330
5.00%, 8/01/32	800	909,392
5.00%, 8/01/33	400	453,180
5.00%, 8/01/34	700	790,419
City of Philadelphia Pennsylvania Water & Wastewater, RB:		
Series A, 5.25%, 1/01/19 (b)	800	848,640
Series A, 5.25%, 10/01/52	810	950,000
Series C (AGM), 5.00%, 8/01/40	3,350	3,655,118
County of Allegheny Pennsylvania Sanitary Authority, RB, Sewer Improvement (BAM),		
5.25%, 12/01/41	1,410	1,603,015
County of Bucks Pennsylvania Water & Sewer Authority, RB, Water System (AGM),		
5.00%, 12/01/41	30	33,384
County of Delaware Pennsylvania Regional Water Quality Control Authority, RB, Sewer		
Improvements, 5.00%, 5/01/33	420	470,635
Pennsylvania Economic Development Financing Authority, RB, Philadelphia Biosolids Facility,		
6.25%, 1/01/32	1,605	1,704,831
		14,899,081
Total Municipal Bonds 118.2%		248,384,992
Total Hamelpar Donas 11012 /0		210,004,002

Municipal Bonds Transferred to

Municipal Donus Transierreu to		
Tender Option Bond Trusts (f)		
Pennsylvania 47.4%		
Education 15.5%		
Northampton County General Purpose Authority, Refunding RB, Lafayette College,		
5.00%, 11/01/47	3,900	4,531,371
Pennsylvania Higher Educational Facilities Authority, RB, University of Pennsylvania Health		
System, Series A:		
5.75%, 8/15/21 (b)	5,120	6,052,454
4.00%, 8/15/39	7,815	8,026,691
Pennsylvania Higher Educational Facilities Authority, Series AR, 4.00%, 6/15/38	11,335	11,713,784
University of Pittsburgh Pennsylvania, RB, The Commonwealth System of Higher Education,		
Capital Project, Series B, 5.00%, 3/15/19 (b)	2,202	2,345,367
		32,669,667
Health 13.4%		
Geisinger Authority Pennsylvania, RB, Health System:		
Series A, 5.13%, 6/01/19 (b)	3,000	3,225,720
Series A, 5.25%, 6/01/19 (b)	3,128	3,370,750
Series A-1, 5.13%, 6/01/41	7,430	8,061,915

See Notes to Financial Statements.

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Municipal Bonds Transferred to Tender Option Bond Trusts (f)	Par (000)	Value
Pennsylvania (continued)		
Health (continued) Pennsylvania Economic Development Financing Authority, RB, University of Pittsburgh Medical Center, Series B, 4.00%, 3/15/40	\$ 8,000	\$ 8,195,040
Philadelphia Hospitals & Higher Education Facilities Authority, RB, The Children s Hospital of Philadelphia Project, Series C, 5.00%, 7/01/41	4,680	5,240,056
		28,093,481
Housing 2.8% Pennsylvania HFA, Refunding RB, S/F Mortgage, AMT:		
Series 114A, 3.70%, 10/01/42 Series 115A, 4.20%, 10/01/33	2,835 2,920	2,916,682 3,081,797
State 11.8%		5,998,479
Commonwealth of Pennsylvania, GO, 1st Series, 5.00%, 3/15/19 (b) General Authority of Southcentral Pennsylvania, Refunding RB, Wellspan Health Obligated	6,028	6,421,604
Group, Series A, 5.00%, 6/01/44 Pennsylvania Turnpike Commission, RB, Oil Franchise Tax, Remarketing, Series C (NPFGC),	7,000	7,763,070
5.00%, 12/01/18 (b)	10,000	10,538,600
Transportation 2.0%		24,723,274
Pennsylvania Turnpike Commission, RB, Sub-Series A, 5.50%, 12/01/42 Municipal Bonds Transferred to	1,680 Par	1,991,052
Tender Option Bond Trusts (f)	(000)	Value
Pennsylvania (continued)		
Transportation (continued) Pennsylvania Turnpike Commission, Refunding RB, Sub Series B-2 (AGM), 5.00%, 6/01/35	\$ 1,850	\$ 2,123,911
Utilities 1.9%		4,114,963
County of Westmoreland Pennsylvania Municipal Authority, Refunding RB, (BAM), 5.00%, 8/15/42	3,493	3,967,252
Total Municipal Bonds Transferred to Tender Option Bond Trusts 47.4%		99,567,116
Total Long-Term Investments (Cost \$329,700,906) 165.6%		347,952,108
Short-Term Securities BlackRock Liquidity Funds, MuniCash,	Shares	
Institutional Class, 0.64% (g)(h) Total Short-Term Securities	489,482	489,678
(Cost \$489,678) 0.2% Total Investments (Cost \$330,190,584) 165.8%		489,678 348,441,786
Other Assets Less Liabilities 0.1% Liability for TOB Trust Certificates, Including Interest		10,320
Expense and Fees Payable (26.6)% VRDP Shares at Liquidation Value, Net of Deferred		(55,951,003)
Offering Costs (39.3)%		(82,330,747)
Net Assets Applicable to Common Shares 100.0%		\$ 210,170,356

- (a) Variable rate security. Rate shown is the rate in effect as of period end.
- (b) 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.
- (c) Zero-coupon bond.
- (d) Security is collateralized by municipal bonds or U.S. Treasury obligations.
- (e) When-issued security.
- (f) 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.
- (g) During the year ended July 31, 2017, 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:

Applicate	Shares Held at July 31, 2016	Net Activity	Shares Held at July 31, 2017	Value at July 31, 2017	Income	Net Realized	Change in Unrealized Appreciation
Affiliate	2016	Activity	2017	2017	Income	Gain ¹	(Depreciation)
BlackRock Liquidity Funds, MuniCash, Institutional Class ¹ Includes net capital gain distr	455,980 ibutions.	33,502	489,482	\$ 489,678	\$ 16,035	\$ 1,122	

(h) Current yield as of period end.

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.

See Notes to Financial Statements.

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts

Description Short Contracts	Number of Contracts	Expiration Date	Notional Amount (000)	Value/ Unrealized Appreciation (Depreciation)
5-Year U.S. Treasury Note	(10)	September 2017	\$ 1,181	\$ (107)
10-Year U.S. Treasury Note	(43)	September 2017	\$ 5,413	1,126
Long U.S. Treasury Bond	(30)	September 2017	\$ 4,589	(12,229)
Ultra U.S. Treasury Bond	(9)	September 2017	\$ 1,481	(12,224)
Total		-		\$ (23,434)

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Derivative Financial Instruments Categorized by Risk Exposure
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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 Futures contracts	Net unrealized appreciation ¹	Commodity Contracts		Equity Contracts	Foreign Currency Exchange Contracts	Interest Rate Contracts \$ 1,126	Other Contracts	Total \$ 1,126
Liabilities Derivative Financial Instrum	ents	Commodity Contracts		Equity Contracts	Foreign Currency Exchange S Contracts	Interest Rate Contracts	Other Contracts	Total
Futures contracts Includes cumulative appreciation (deprecia margin is reported within the Statements of A 	· · · · · · · · · · · · · · · · · · ·	, if any, as repo	orted in the	Schedule of	of Investment	\$24,560 ts. Only curre	ent day s varia	\$24,560 ation

For the year ended July 31, 2017, the effect of derivative financial instruments in the Statements of Operations was as follows:

Net Realized Gain (Loss) from: Futures contracts	Foreign Currency Interest Commodity Credit Equity Exchange Rate Other Contracts Contracts Contracts Contracts S 715,588 \$	Total 5 715,588
Net Change in Unrealized Appreciation (Depreciation) on: Futures contracts	\$ 6,442 \$	6,442

Average Quarterly Balances of Outstanding Derivative Financial Instruments

Futures contracts:	
Average notional value of contracts long	\$ 241,406 ¹
Average notional value of contracts short	\$ 19,029,893
¹ Actual amounts for the period are shown due to limited outstanding derivative financial instruments as of each quarter end.	

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

See Notes to Financial Statements.

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BlackRock MuniYield Pennsylvania Quality Fund (MPA)

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:

	Level 1	Level 2	Level 3	Total
Assets: Investments:				
Long Term Investments ¹		\$ 347,952,108	\$ 34	7,952,108
Short-Term Securities	\$ 489,678			489,678
Total	\$ 489,678	\$ 347,952,108	\$ 34	8,441,786
Derivative Financial Instruments ²				
Assets:				
Interest rate contracts Liabilities:	\$ 1,126		\$	1,126
Interest rate contracts	(24,560)			(24,560)
Total	\$ (23,434)		\$	(23,434)

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

² 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:

	Level 1	Level 2	Level 3 T	otal
Liabilities: TOB Trust Certificates		\$ (55,826,390)	\$ (55	5,826,390)
VRDP Shares at Liquidation Value		(82,600,000)	· · ·	2,600,000)
Total		\$ (138,426,390)	\$ (138	3,426,390)

During the year ended July 31, 2017, there were no transfers between levels.

See Notes to Financial Statements.

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JULY 31, 2017

Statements of Assets and Liabilities

July 31, 2017	BlackRock MuniHoldir California Quality Fund, Inc (MUC)	ngs a	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)
Assets Investments at value unaffiliated	\$ 1,071,261,7	710	\$ 767,721,338	\$ 207,107,902	\$ 731,558,306	\$ 347,952,108
Investments at value affiliated	\$93,0		20,464,723	624,165	4,668,541	489,678
Cash pledged for futures contracts	443,5	500	376,000	114,550	553,950	181,800
Receivables:	14,637,9	046	5,479,284	2,224,345	9 196 016	2 228 202
Interest unaffiliated Investments sold	2,962,		5,479,284	1,941,271	8,186,016	3,338,392
Variation margin on futures contracts		125	21,828	6,211	31,062	10,172
Dividends affiliated	8	840	6,651	346	2,281	195
Prepaid expenses	23,7	722	34,065	15,637	33,810	16,505
Total assets	1,089,947,0	606	794,103,889	212,034,427	745,033,966	351,988,850
Accrued Liabilities						
Bank overdraft	380,9	930	324,275	88,573	320,848	114,282
Payables:						
Investments purchased Income dividends Common Shares	12,402,4 2,521,0		20,837,335 2,035,386	3,590,853 567,838	1,893,009	2,128,303 831,852
Investment advisory fees	2,321,0		636,055	172,753	606,373	284,002
Interest expense and fees	555,0		102,851	54,293	108,975	124,613
Officer s and Directors fees	337,4	467	6,503	1,759	6,392	10,980
Other accrued expenses	300,8	897	258,382	124,605	242,638	167,325
Total accrued liabilities	17,397,0	047	24,200,787	4,600,674	3,178,235	3,661,357
Other Liabilities						
TOB Trust Certificates	181,685,2	265	63,876,946	27,228,737	52,002,182	55,826,390
Loan for TOB Trust Certificates VRDP Shares, at liquidation value of \$100,000 per share, net of deferred					499,875	
offering costs ^{3,4}			236,608,821		231,466,131	82,330,747
VMTP Shares, at liquidation value of \$100,000 per share ^{3.4}	254,000,0	000		56,500,000		
Total other liabilities	435,685,2	265	300,485,767	83,728,737	283,968,188	138,157,137
Total liabilities	453,082,3	312	324,686,554	88,329,411	287,146,423	141,818,494
Net Assets Applicable to Common Shareholders	\$ 636,865,2	294	\$ 469,417,335	\$ 123,705,016	\$ 457,887,543	\$ 210,170,356
Net Assets Applicable to Common Shareholders Consist of	¢ 501.007.4	0(1	¢ 404 100 500	¢ 110 000 011	¢ 410.045.024	¢ 105 (00 177
Paid-in capital ^{5,6} Undistributed net investment income	\$ 581,297,0 2,937,1		\$ 424,108,509 3,543,469	\$ 118,023,311 1,294,135	\$ 419,045,924 1,601,266	\$ 195,608,177 766,735
Accumulated net realized loss	(3,605,4		(6,503,965)	(11,508,344)	· · ·	
Net unrealized appreciation (depreciation)	56,236,5		48,269,322	15,895,914	42,590,356	18,227,768
Net Assets Applicable to Common Shareholders	\$ 636,865,2	294	\$ 469,417,335	\$ 123,705,016	\$ 457,887,543	\$ 210,170,356
Net asset value per Common Share	\$ 15	5.53	\$ 15.57	\$ 14.60	\$ 15.48	\$ 15.74
¹ Investments at cost unaffiliated	\$ 1,014,967,8	853	\$ 719,420,402			